

Governmental Agencies

Building Department

CITY OF ST. PETE BEACH
BUILDING SERVICES
155 COREY AVE.
ST. PETE BEACH, FL 33706
PHONE: 727-363-9235
FAX: 727-363-9222
CONTACT: MR. JERRY SPARKS

Building Data

BUILDING CODE:
FLORIDA BUILDING CODE 2001
W/ 2003 AMENDMENTS
PLUMBING CODE:
FLORIDA PLUMBING CODE 2001
W/ 2003 AMENDMENTS
MECHANICAL CODE:
FLORIDA MECHANICAL CODE 2001
W/ 2003 AMENDMENTS
ELECTRICAL CODE:
NATIONAL ELECTRICAL CODE 2003
FIRE CODE:
FLORIDA FIRE CODE 2001

Fire Department

CITY OF ST. PETE BEACH
FIRE DEPARTMENT
7301 GULF BLVD.
ST. PETE BEACH, FL 33706
PHONE: 727-363-9207
FAX: 727-360-5744
CONTACT: MR. ERNIE HAND

Health Department

DIVISION OF HOTELS & RESTAURANTS
(DBPR)
3725 W. GRACE ST. SUITE 520
TAMPA, FLORIDA 33607
PHONE: 813-356-1607
CONTACT: PLANS EXAMINER

CONSTRUCTION TYPE: TYPE VI (6) UNPROTECTED
OCCUPANT LOAD: 236
SPRINKLERS: NONE
PLUMBING FIXTURES:
WATER CLOSETS 3
URINALS 1
LAVATORIES 4
EXIT WIDTH:
KITCHEN - DOOR #13: 40"
DINING - DOOR #2 & 3: 68"
DINING - DOOR #4 & 4: 34" EA.



5200 BUFFINGTON ROAD
ATLANTA, GEORGIA 30349-2998
PHONE: (404) 765-8000
FAX: (404) 684-8550

SERIES 03-A

DOLPHIN VILLAGE
4623 GULF BOULEVARD
ST. PETE BEACH, FLORIDA 33706

Drawing Index

T-11	TITLE SHEET	M-1.0	MECHANICAL FLOOR PLAN
A-1.1	FLOOR PLAN	M-2.0	HOOD DETAILS & SCHEDULES
A-1.2	FINISH SCHEDULE & LEGEND	M-3.0	HVAC DETAILS & SCHEDULES
A-1.3	DOOR & HARDWARE SCHEDULES	M-3.1	HVAC DETAILS
A-1.4	FLOOR FINISH PLAN	M-4.0	MECHANICAL SPECIFICATIONS
A-1.5	REFLECTED CEILING PLAN	P-1.0	BELOW SLAB PLUMBING PLAN
A-1.6	ACCESSIBILITY PLAN	P-2.0	ABOVE SLAB PLUMBING PLAN
A-1.7	ROOF PLAN	P-3.0	SLAB ROUGH-IN PLAN
A-1.8	DETAILS	P-4.0	ROOF PIPING PLAN & DETAILS
A-2.1	EXTERIOR ELEVATIONS	P-5.0	PLUMBING ISO PLAN
A-2.2	EXTERIOR ELEVATIONS	P-6.0	DETAILS & SCHEDULES
A-3.1	BUILDING SECTIONS	P-7.0	PLUMBING SPECIFICATIONS
A-3.2	WALL SECTIONS	P-8.0	FLOODPROOFING PLUMBING/ ELECTRICAL PLAN
A-3.3	WALL SECTIONS	E-1.0	LIGHTING PLAN
A-3.4	REFUSE ENCLOSURE	E-1.1	FIXTURE SCHEDULE AND DETAILS
A-3.5	PLATFORM & RAMPS	E-2.0	POWER AND SYSTEMS PLAN & NOTES
A-4.1	DETAILS	E-2.1	LARGE SCALE POS ELECTRICAL PLAN
A-5.1	ENLARGED TOILET ROOM PLAN & ELEVATIONS	E-3.0	ROOF ELECTRICAL PLAN
A-5.2	INTERIOR ELEVATIONS	E-4.0	LARGE SCALE POWER PLAN
A-5.3	INTERIOR ELEVATIONS	E-5.0	ELECTRICAL LEGEND AND SCHEDULE
A-5.4	INTERIOR ELEVATIONS	E-6.0	SINGLE LINE DIAGRAM AND ELECTRICAL ROOM PLAN AND ELEVATIONS
A-5.5	INTERIOR ELEVATIONS	E-6.1	PANEL SCHEDULES
A-5.6	INTERIOR ELEVATIONS	E-7.0	ELECTRICAL SPECIFICATIONS
A-5.7	INTERIOR ELEVATIONS	E-7.1	ELECTRICAL SPECIFICATIONS
		E-7.2	ELECTRICAL SPECIFICATIONS
S-1.1	FOUNDATION PLAN & DETAILS	K-1.0	EQUIPMENT PLAN
S-1.2	RAMP/RETAINING & DETAILS	K-2.0	EQUIPMENT SCHEDULE
S-2.1	ROOF FRAMING PLAN	K-2.1	EQUIPMENT SCHEDULE
S-3.1	FOUNDATION DETAILS	K-3.0	ELECTRICAL ROUGH-IN ELEVATIONS
S-3.2	SECTIONS & DETAILS	K-3.1	ELECTRICAL ROUGH-IN ELEVATIONS
S-3.3	REFUSE ENCLOSURE	K-3.2	ELECTRICAL ROUGH-IN ELEVATIONS
S-4.1	STEEL FRAMING SECTIONS	K-3.3	ELECTRICAL ROUGH-IN ELEVATIONS
S-5.1	GENERAL NOTES & DETAILS	K-4.0	PLUMBING ROUGH-IN ELEVATIONS
S-6.1	STRUCT. SPECIFICATIONS		



S-1.1 FOUNDATION PLAN & DETAILS
S-1.2 RAMP/RETAINING & DETAILS
S-2.1 ROOF FRAMING PLAN
S-3.1 FOUNDATION DETAILS
S-3.2 SECTIONS & DETAILS
S-3.3 REFUSE ENCLOSURE
S-4.1 STEEL FRAMING SECTIONS
S-5.1 GENERAL NOTES & DETAILS
S-6.1 STRUCT. SPECIFICATIONS

Items of Importance

- THIS BUILDING HAS INTERIOR DESIGN WITH MINOR DEVIATIONS TO I70 SEAT 503-A BUILDING DESIGN.
- THE EXTERIOR OF THE BUILDING HAS BEEN MODIFIED TO WATERPROOF WALL TO AN ELEVATION OF 2'-6" ABOVE FINISH FLOOR. THIS MEANS THE WALLS UNDER WINDOWS ARE WATERPROOFED AND FLOOD BARRIERS ARE DESIGNED TO BE INSTALLED AT DOOR OPENINGS TO CONFORM TO FEMA REQUIREMENTS.
- THE BUILDING & SITE ARE RAISED FROM SURROUNDING GRADE, WHICH REQUIRES STAIRS AND RAMPS AT ALL EXTERIOR DOORS.
- THE BUILDING IS LOCATED IN WIND BLOWN DEBRIS AREA AND ALL OPENINGS (DOORS & WINDOWS) MUST BE PROTECTED FROM WIND BLOWN DEBRIS IMPACT. THIS WILL BE ACCOMPLISHED WITH STORM PANELS- RE: TO ADDITIONAL NOTES.

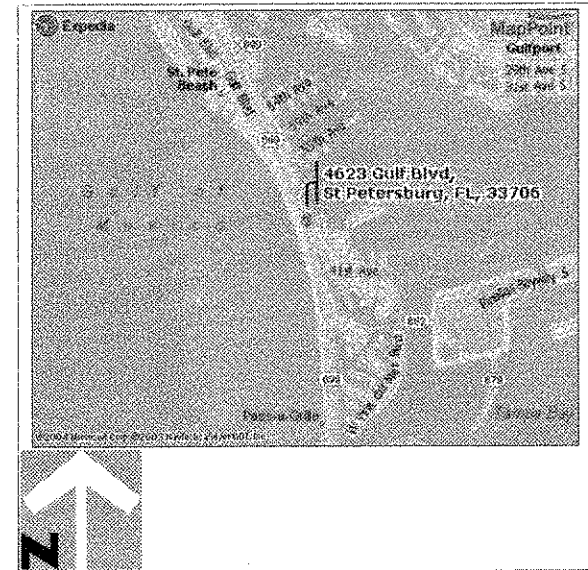
FLOODPROOFING REQUIREMENT NOTES

- GENERAL CONTRACTOR TO ENGAGE SERVICES OF FLOOD BARRIER PROTECTION SUB-CONTRACTOR TO DESIGN AND INSTALL FLOOD BARRIER PROTECTION (WANS/PANELS) AT EXTERIOR DOORS.
- THIS BARRIER SUB-CONTRACTOR MUST PROVIDE INSTALLATION INSTRUCTIONS AND TRAINING ON INSTALLATION FOR BARRIER PANELS. INSTRUCTIONS AND TRAINING DOCUMENTS WILL BECOME PART OF FLOOD CERTIFICATE, FLOOD EMERGENCY OPERATION PLAN AND INSPECTION & MAINTENANCE PLAN.
- GENERAL CONTRACTOR AND BARRIER SUB-CONTRACTOR WILL BE REQUIRED TO ASSIST IN PREPARATION OF FINAL PERMANENT FLOOD EMERGENCY OPERATION PLAN AND INSPECTION & MAINTENANCE PLAN TO CONFORM TO CITY OF ST. PETE BCH, FEMA AND NFIP REQUIREMENTS.
- GENERAL CONTRACTOR SHALL INSURE THAT MECHANICAL, PLUMBING AND ELECTRICAL CONFORM TO FLOODPROOFING REQUIREMENTS TO INCLUDE BUT NOT LIMITED TO SHUT-OFF VALVES ON ALL SLAB PENETRATING PLUMBING, WATER-TIGHT CONDUIT FOR SLAB PENETRATING ELECTRICAL, PROPER MOUNTING HEIGHTS OF ELECTRICAL DEVICES TO MAINTAIN WATERPROOFING, INSTALLATION OF SLUMP PUMP SYSTEM FOR REMOVING FLOOD WATERS WHICH LEAK INTO BUILDING. PROVISION FOR ELECTRICAL POWER GENERATION TO SERVE SLUMP PUMP, ASSUMING MAIN POWER IS SHUT-OFF DURING FLOOD PRONE PERIODS.

STORM PANEL NOTES

- GENERAL CONTRACTOR TO ENGAGE SERVICES OF LOCAL STORM PROTECTION SUB-CONTRACTOR TO DESIGN AND INSTALL CORRUGATED STEEL OR ALUMINUM STORM PROTECTION PANELS AT STOREFRONT DOORS AND WINDOWS.
- STORM PANELS TO BE DESIGNED TO WITH-STAND THE DESIGN PRESSURES GENERATED BY 130 MPH WINDSPEED, AS SHOWN ON THE EXTERIOR ELEVATIONS ON SHEETS A21 AND A22.
- STORM PROTECTION SUB-CONTRACTOR TO PROVIDE CALCULATIONS AND SHOP DRAWINGS AS REQUIRED TO SECURE STORM PANEL PERMIT, INSPECTION, AND APPROVAL FROM THE PERMIT JURISDICTION.
- STORM PROTECTION SUB-CONTRACTOR TO FABRICATE AND INSTALL A METAL RACK FOR STORAGE OF THE STORM PANELS, TO BE LOCATED BEHIND THE BOLLARDS IN THE DEBRIS ENCLOSURE.

01740 ST. PETE BEACH FSU 4/7/2005



VICINITY MAP
NOT TO SCALE

Architect:

INTERPLAN LLC
933 LEE ROAD, FIRST FLOOR
ORLANDO, FL 32810
PHONE: (407) 645-5008
FAX: (407) 629-9124
CONTACT: TRUMAN D. GEE, JR.

Structural Engineer:

INTERPLAN LLC
933 LEE ROAD, FIRST FLOOR
ORLANDO, FL 32810
PHONE: (407) 645-5008
FAX: (407) 629-9124
CONTACT: ROBERTO ARCHILA

Mechanical Engineer:

INTERPLAN LLC
933 LEE ROAD, FIRST FLOOR
ORLANDO, FL 32810
PHONE: (407) 645-5008
FAX: (407) 629-9124
CONTACT: FRANK TRAHAN

Plumbing Engineer:

INTERPLAN LLC
933 LEE ROAD, FIRST FLOOR
ORLANDO, FL 32810
PHONE: (407) 645-5008
FAX: (407) 629-9124
CONTACT: FRANK TRAHAN

Electrical Engineer:

INTERPLAN LLC
933 LEE ROAD, FIRST FLOOR
ORLANDO, FL 32810
PHONE: (407) 645-5008
FAX: (407) 629-9124
CONTACT: FRANK TRAHAN

Civil Engineer:

INTERPLAN LLC
933 LEE ROAD, FIRST FLOOR
ORLANDO, FL 32810
PHONE: (407) 645-5008
FAX: (407) 629-9124
CONTACT: JUN RAZON

Landscape Architect:

INTERPLAN LLC ATLANTA
1007 WEATHERSTONE PKWY.,
SUITE 120
WOODSTOCK, GA 30188
PHONE: (770) 874-5555
FAX: (770) 874-5554
CONTACT: RICK ABT

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark	Date	By
1	2/17/04	red
COORD. REVISIONS		
2	2/24/04	TDC
DBPR REV. - FE & K Sites		
3	10/15/04	
CLIENT COMMENTS RETAINING WALL, SU & SU		
4	10/22/04	red
FRESH COVERINGS DESIGN REV. FLOODPROOFING DESIG.		

Mark Date By

Seal

INTERPLAN 31
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES
FSU 03-A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
TITLE SHEET
TDC

DWG EDITION 03.8

Job No. : 2004-0255
Store : 1740
Date : 8/30/04
Drawn By : JB
Checked By : TDC
Sheet

T-11

GENERAL NOTES

1. SITE ADDRESS: 4623 GULF BLVD., ST. PETE BEACH, FLORIDA.
 2. THIS SITE IS IN A FLOOD PRONE AREA, IT IS IN ZONE AE, AN AREA INUNDATED BY 100 YEAR FLOOD BASED ON FLOOD INSURANCE RATE MAP, PANEL NO. 125149 0276 G, HAVING AN EFFECTIVE DATE OF SEPTEMBER 3, 2003, CITY OF ST. PETE BEACH, PINELLAS COUNTY, FLORIDA.
 3. THE SITE SHALL BE CLEARED AS MAY BE NOTED ON PLAN, OF ALL OBSTRUCTIONS AND DELETERIOUS MATERIAL SUCH AS FENCES, WALLS, FOUNDATIONS, LOGS, SHRUBS, BRUSH, WEEDS, OTHER VEGETATION, AND ACCUMULATION OF RUBBISH OF WHATEVER NATURE. THIS MATERIAL SHALL BE SATISFACTORILY DISPOSED OF OFF-SITE.
 4. BOUNDARY, TOPOGRAPHIC AND TREE SURVEY BY ACCURIGHT SURVEYS OF ORLANDO, INC., 2812 E. ROBINSON STREET, ORLANDO, FLORIDA 32803, DATED APRIL 6, 2004. TEL. NO. (407) 894-8314.
 5. BENCHMARK - REFER TO BOUNDARY, TOPOGRAPHIC AND TREE SURVEY BY ACCURIGHT SURVEYS, DATED APRIL 6, 2004. SEE NOTE 4 ABOVE.
 6. LEGAL DESCRIPTION SHOWN HEREON IS FURNISHED BY SURVEYOR, AND IS INCLUDED FOR PERMITTING AND APPROVAL PURPOSES, AND AS A COURTESY FOR THE CONTRACTOR. INTERPLAN PRACTICE, LTD. ASSUMES NO LIABILITY FOR ITS ACCURACY OR COMPLETENESS.
 7. THE LOCATION OF EXISTING UTILITIES, SUCH AS WATER MAINS, SEWERS, GAS LINES, ETC., AS SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST AVAILABLE INFORMATION AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER AND OWNER ASSUME NO LIABILITY FOR ITS ACCURACY AND COMPLETENESS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL UTILITY COMPANIES 48 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND HAVE THEIR FACILITIES LOCATED IN THE FIELD PRIOR TO ANY WORK.
 8. SITE GEOTECHNICAL INVESTIGATION WAS PERFORMED BY GILES ENGINEERING ASSOCIATES. ENGINEER ASSUMES NO RESPONSIBILITY FOR THE CORRECTNESS, ACCURACY AND COMPLETENESS OF THEIR WORK. THE CONTRACTOR SHALL OBTAIN A COPY OF THE GEOTECHNICAL ENGINEER'S REPORT FOR THIS SITE AND COMPLY WITH RECOMMENDATIONS CONTAINED THEREIN. IF ADDITIONAL SERVICES ARE REQUIRED, THE CONTRACTOR SHALL MAKE A REQUEST TO THE OWNER OR CONSTRUCTION REPRESENTATIVE.
 9. CONTRACTOR SHALL PROVIDE AND INSTALL EROSION CONTROL DEVICES (SILT FENCE OR OTHER METHODS) AT LIMITS OF CONSTRUCTION AND AROUND EACH STORM INLET PRIOR TO CONSTRUCTION, AND SHALL MAINTAIN SAID EROSION CONTROL DEVICES DURING CONSTRUCTION, ALL IN CONFORMANCE WITH CURRENT LOCAL, COUNTY AND STATE CRITERIA.
 10. DUE TO GRAPHIC LIMITATIONS OF THE DRAWING SCALE, ALL STORM SEWER, DRAINAGE, WATER AND SANITARY SEWER MAINS, SERVICES, LATERALS, CONNECTIONS, AND APPURTENANCES DEPICTED HEREIN - UNLESS OTHERWISE LOCATED BY DIMENSIONS - REFLECT SCHEMATIC LOCATIONS ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FINAL LOCATIONS IN ACTUAL CONSTRUCTION AND INSTALLATION OF THE PROPOSED IMPROVEMENTS, INCLUDING ANY REQUISITE COORDINATION WITH THE RESPECTIVE GOVERNING AGENCY/UTILITY PROVIDER.
 11. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCIES FOUND BETWEEN THE PLANS OR FIELD CONDITIONS PRIOR TO START OF CONSTRUCTION.
 12. THE CONTRACTOR SHALL COORDINATE ALL WORK WITHIN THE EXISTING GULF BLVD R.O.W. w/ FDOT.
 13. SCS SOILS TYPE: SEE SOILS REPORT.
 14. STORMWATER MANAGEMENT IS PROVIDED BY MASTER DRAINAGE SYSTEM.
 15. THE CONTRACTOR SHALL RESTORE OFF-SITE AREAS TO A CONDITION EQUAL TO OR BETTER THAN THE CONDITION EXISTING PRIOR TO COMMENCEMENT OF CONSTRUCTION.
 16. ALL DISTURBED AREAS SHALL BE SOODED, INCLUDING THOSE AREAS WITHIN FOOT RIGHT-OF-WAY.
 17. WHEN PROPOSED CONSTRUCTION OCCURS AT EXISTING MANHOLES, INLETS, VAULTS, AND OTHER STRUCTURES, THE CONTRACTOR SHALL MODIFY THE STRUCTURES, FRAMES, AND GRATES TO MEET THE PROPOSED GRADES UNLESS OTHERWISE DIRECTED.
 18. THE CONTRACTOR SHALL NOTIFY THE ENGINEER WHEN CONSTRUCTION OF WATER, WASTEWATER AND STORM WATER SYSTEMS IS COMPLETE SO THAT TIMELY CERTIFICATIONS MAY BE INITIATED.
 19. AT LEAST 30 DAYS PRIOR TO ANTICIPATED COMPLETION OF SITE CONSTRUCTION, THE FINAL CERTIFICATION PROCESS WILL BEGIN. THE CONTRACTOR SHALL PROVIDE DOCUMENTS AND INFORMATION, IN A TIMELY MANNER, TO ENGINEER AND LANDLORD, INCLUDING, WITHOUT LIMITATION:
 - a. SURVEYED "AS-BUILTS" OF ALL UTILITIES AND STORMWATER SYSTEMS.
 - b. COMPACTION AND DENSITY TEST REPORTS, AND
 - c. PRESSURE TESTING AND BACTERIAL TESTING RESULTS, AS REQUIRED, FOR WATER DISTRIBUTION AND/OR WASTEWATER COLLECTION/TRANSMISSION SYSTEMS.
- THE CONTRACTOR SHALL HAVE TWO (2) SETS OF AS-BUILT PLANS, SIGNED AND SEALED BY SURVEYOR OF RECORD, ON SITE THE DAY OF THE CIVIL ENGINEERING FINAL PUNCH LIST INSPECTION. THE GENERAL CONTRACTOR IS TO GIVE THE TWO AS-BUILT PLANS TO THE REPRESENTATIVE FROM INTERPLAN COMPLETING THE INSPECTION. IF ANY DEFICIENCIES ARE NOTED, ONE SET OF RED-LINED AS-BUILT PLANS WILL BE GIVEN TO THE GC FOR REVISIONS TO BE MADE. REVISED AS-BUILTS WILL NEED TO BE FORWARDED TO INTERPLAN BEFORE ANY CERTIFICATIONS CAN BE INITIATED.
20. ALL TRAFFIC CONTROL DEVICES, EQUIPMENT AND INSTALLATION SHALL MEET THE REQUIREMENTS OF THE LOCAL JURISDICTION AND/OR FLORIDA DEPARTMENT OF TRANSPORTATION.
 21. PARKING STALLS SHALL CONFORM WITH LOCAL CODE.
 22. HANDICAP PAVEMENT MARKINGS AND SIGNAGE SHALL CONFORM WITH ADA REQUIREMENTS AND LOCAL ORDINANCE.
 23. LANDSCAPE SHALL BE TRIMMED TO ENSURE SIGHT VISIBILITY OF TRAFFIC CONTROL DEVICES.
 24. ALL PAVEMENT IS DIMENSIONED TO FACE OF CURB.
 25. ALL BUILDING DIMENSIONS AND TIES ARE TO OUTSIDE FACE. SEE ARCHITECTURAL PLANS.
 26. ANY CONSTRUCTION DEBRIS KEPT ON-SITE SHALL BE LIMITED TO 10' HEIGHT.
 27. THE CONTRACTOR SHALL REMAIN SOLELY RESPONSIBLE FOR ANY DESIGN CHANGES WHICH HE MAY INCORPORATE INTO THE PLANS WITHOUT PRIOR WRITTEN CONSENT AND/OR APPROVAL FROM THE OWNER AND THE ENGINEER.

UTILITY NOTES

- PRIOR TO COMMENCING ANY CONSTRUCTION, THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES, INCLUDING WITHOUT LIMITATION POTABLE WATER, RECLAIMED WATER, SANITARY SEWER, AND SERVICE UTILITIES, AT POINTS OF CONNECTION, POINTS OF CROSSING, AND/OR POTENTIAL CONFLICT. NOTIFY ENGINEER OF ANY DISCREPANCIES BETWEEN THE PLANS AND FIELD CONDITIONS.
- A. GENERAL**
1. ALL WATER AND SEWER CONSTRUCTION SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF PINELLAS COUNTY UTILITIES AND CITY OF ST. PETERSBURG HEACH UTILITY DEPARTMENT, RESPECTIVELY, AND WILL BE SUBJECT TO THEIR INSPECTION AND ACCEPTANCE.
 2. THE LOCATIONS OF EXISTING UTILITIES SUCH AS WATER MAINS, SEWERS, GAS LINES, ETC. AS SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST AVAILABLE INFORMATION AND IS GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER AND OWNER DO NOT, HOWEVER, ASSUME RESPONSIBILITY FOR THE ACCURACY OF THE LOCATIONS SHOWN.
 3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL UTILITY COMPANIES - 48 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION - FOR FIELD-LOCATION OF THEIR RESPECTIVE FACILITIES PRIOR TO ANY WORK. CONTACT SUNSHINE STATE ONE CALL FOR LOCATION OF EXISTING UTILITIES PRIOR TO START OF CONSTRUCTION.
 4. DUE TO GRAPHIC LIMITATIONS OF THE DRAWING SCALE, ALL WATER AND SEWER MAINS, SERVICES, LATERALS, CONNECTIONS, AND APPURTENANCES DEPICTED HEREIN - UNLESS OTHERWISE LOCATED BY DIMENSIONS - REFLECT SCHEMATIC LOCATIONS ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FINAL LOCATIONS IN ACTUAL CONSTRUCTION AND INSTALLATION OF THE PROPOSED IMPROVEMENTS, INCLUDING ANY REQUISITE COORDINATION WITH THE RESPECTIVE UTILITY PROVIDER.
 5. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCIES FOUND BETWEEN THE PLANS AND FIELD CONDITIONS PRIOR TO START OF CONSTRUCTION.
 6. THE CONTRACTOR SHALL COORDINATE ALL WORK WITHIN THE EXISTING GULF BLVD R.O.W. w/ FDOT.
 7. CONTRACTOR SHALL INSPECT PIPING AND MATERIALS BEFORE INSTALLATION TO DETECT APPARENT DEFECTS. MARK DEFECTIVE MATERIALS WITH WHITE PAINT AND PROMPTLY REMOVE FROM SITE.
 8. LAY SEWER PIPING BEGINNING AT LOW POINT OF SYSTEM (CONNECTION TO OFF SITE SYSTEM OR PUMP STATION), TRUE TO GRADES AND ALIGNMENT INDICATED WITH UNBROKEN CONTINUITY OF INVERTS. PLACE BELL ENDS OR GROOVE ENDS OF PIPING FACING UPSTREAM. PROVIDED FIVE (5) BUSINESS DAYS NOTICE OF INTENT TO CONNECT TO FORCE MAIN.
 9. CLEAR INTERIOR OF PIPE OF DIRT AND OTHER SUPERFLUOUS MATERIAL AS WORK PROGRESSES. MAINTAIN SWAG OR DRAG IN LINE AND PULL PAST EACH JOINT AS IT IS COMPLETED. PLACE PLUGS IN ENDS OF UNCOMPLETED CONDUIT WHENEVER WORK STOPS.
 10. MAINTAIN 36" (MINIMUM) COVER OVER MAINS, AND 36" (MIN) OVER SERVICES/LATERALS.
 11. INSTALL CONTINUOUS LOCATOR TAPE/WIRE, LOCATED DIRECTLY OVER POTABLE WATER MAINS AT 6" TO 8" BELOW FINISHED GRADE.
 12. WHERE POTABLE WATER AND SANITARY SEWER MAINS CROSS WITH LESS THAN EIGHTEEN (18) INCHES OF VERTICAL CLEARANCE OR WHERE THE SEWER MAIN IS ABOVE THE WATER MAIN, THE SEWER MAIN SHALL BE ENCASED WITH CONCRETE OR ENCLOSED IN A WATER TIGHT CARRIER PIPE, OR UPGRADED TO DUCTILE IRON PIPE OR PRESSURE RATED PVC PIPE (MEETING THE AWWA C-900 OR C-905 SPECIFICATION) FOR A MINIMUM LENGTH OF TWENTY (20) FEET, CENTERED ON THE POINT OF CROSSING. A MINIMUM HORIZONTAL SEPARATION OF TEN (10) FEET (EDGE TO EDGE) BETWEEN POTABLE WATER MAINS AND SEWER MAINS SHALL BE MAINTAINED WHEN AT ALL POSSIBLE. WHEN THE 10-FOOT HORIZONTAL SEPARATION CANNOT BE MAINTAINED THE WATER MAIN SHALL BE INSTALLED IN A SEPARATE TRENCH OR ON AN UNDISTURBED EARTH SHELVE AT LEAST 18" ABOVE THE SEWER MAIN. ALTERNATIVELY, THE SEWER MAIN SHALL BE ENCASED WITH CONCRETE OR ENCLOSED IN A WATER-TIGHT CARRIER PIPE, OR UPGRADED TO DUCTILE IRON PIPE OR PRESSURE RATED PVC PIPE (MEETING THE AWWA C-900 OR C-905 SPECIFICATION) AND PRESSURE TESTED AT 150 PSI (1034 KPA) TO ASSURE WATER TIGHTNESS PRIOR TO BACKFILLING.
 13. WHERE APPLICABLE, UTILITY TRENCHES CROSSING PAVEMENT AREAS SHALL BE BACK FILLED WITH COMPACTED GRANULAR MATERIAL IN ACCORDANCE WITH A.A.S.H.T.O.-1-99.
 14. CONTRACTOR SHALL PROVIDE SLEEVES FOR IRRIGATION LINES UNDER PAVEMENT. COORDINATE WITH GENERAL CONTRACTOR.
 15. THE CONTRACTOR SHALL NOTIFY THE ENGINEER WHEN CONSTRUCTION IS COMPLETE FOR WATER, WASTEWATER AND STORMWATER SYSTEMS SO TIMELY CERTIFICATIONS MAY BE INITIATED. SATISFACTORY BACTERIOLOGICAL TEST RESULTS, PRESSURE TEST RESULTS, AND AN AS-BUILT SURVEY SHALL BE SUBMITTED TO ENGINEER PRIOR TO FINAL CERTIFICATION.
- B. MATERIALS (WATER)**
1. SERVICE PIPE SHALL BE TWO INCHES (2") TYPE "K" COPPER (AWWA C-901).
 2. DUCTILE IRON PIPE (D.I.P.), IF REQUIRED, SHALL CONFORM TO ANSI/AWWA A21.51/C151, CLASS 50 (MIN) PIPE FOR ALL SIZES.
 3. CORPORATION STOPS SHALL BE 2" BRASS, EQUIPPED WITH CONNECTIONS COMPATIBLE WITH SERVICE PIPE AND THREADED IN ACCORDANCE WITH SPECIFICATIONS IN AWWA C800. CURB STOPS SHALL BE SIZED TO MATCH THE METER SIZE AND CONFORM WITH AWWA C800 AND AWWA C901.
 4. FITTINGS SHALL BE BRASS, CAST AND MACHINED IN ACCORDANCE WITH AWWA C800 AND AWWA C901, WITH COMPATIBLE PIPE CONNECTIONS.
 5. SERVICE SADDLES SHALL BE USED FOR ALL SERVICE LINE TAPS. SERVICE SADDLES SHALL BE DOUBLE STRAP, ANCHORED BY A MINIMUM FOUR (4) BOLT PATTERNS ON A DUCTILE IRON SADDLE BODY. FOR PVC PIPE, DOUBLE STRAPS SHALL BE CORROSION RESISTANT ALLOY STEEL, SIZED EXACTLY TO THE PIPE OUTSIDE DIAMETER. SEALING GASKETS SHALL BE Buna-N RUBBER.
- C. MATERIALS (SEWER)**
1. ALL GRAVITY SEWER PIPE AND FITTINGS SHALL BE NON-PRESSURE POLYVINYL CHLORIDE PIPE (PVC) CONFORMING TO ASTM D 3034, SDR 35, WITH PUSH-ON RUBBER GASKET JOINTS.
 2. ALL FITTINGS AND ACCESSORIES SHALL BE MANUFACTURED OR SUPPLIED BY THE PIPE MANUFACTURER OR PRIOR-APPROVED EQUAL.
 3. BEDDING AND INITIAL BACK FILL OVER SEWER MAINS AND SERVICES SHALL BE SAND WITH NO ROCK LARGER THAN 1" IN DIAMETER.

SITE CONSTRUCTION PLANS



DOLPHIN VILLAGE 4623 GULF BLVD., ST. PETE BEACH, FL

CONTACTS

OWNER
OXFORD CAPITAL PARTNERS, LLC
4245 NORTH CENTRAL EXPRESSWAY, SUITE 440
DALLAS, TX 75205
ATTN: MICHAEL HOROWITZ, CRE
PHONE: (214) 521-5323
FAX: (214) 521-8544
EMAIL: MHOROWITZ@OXFORDCAPITAL.COM

LEASEE
CHICK-FIL-A
5200 BUFFINGTON ROAD
ATLANTA, GEORGIA 30349
PHONE: (404) 765-8000
FAX: (404) 765-8930
EMAIL: CETA.THOMAS@CHICK-FIL-A.COM

ENGINEER/APPLICANT
INTERPLAN LLC
933 LEE ROAD, SUITE 120
ORLANDO, FL 32810
ROBERT ZIEGENFUSS, P.E.
FL REG. NO. 56752
ATTN: RICK ABT
PHONE: (407) 645-5008
FAX: (407) 629-9124
EMAIL: RABT@INTERPLANORLANDO.COM

ARCHITECT
INTERPLAN LLC
933 LEE ROAD, SUITE 120
ORLANDO, FL 32810
DAVID BOYCE, AIA
FL REG. NO. 44-11595
ATTN: RICK ABT
PHONE: (407) 645-5008
FAX: (407) 629-9124
EMAIL: RABT@INTERPLANORLANDO.COM

LANDSCAPE ARCHITECT
INTERPLAN LLC
933 LEE ROAD, SUITE 120
ORLANDO, FL 32810
ATTN: RICHARD T. ABT, ASLA, AIA
FL REG. NO. 1321
PHONE: (407) 645-5008
FAX: (407) 629-9124
EMAIL: RABT@INTERPLANORLANDO.COM

UTILITY CONTACTS

WATER
PINELLAS COUNTY UTILITIES
14 S. FORT HARRISON AVENUE
CLEARWATER, FL 33756
MR. JIM WELDON
(727)-464-3887

SEWER
CITY OF ST. PETE BEACH UTILITY DEPT.
155 COREY AVENUE
ST. PETE BEACH, FL 33786
MR. BILL MULLEN
(727)-363-9254

STORM
CITY OF ST. PETE BEACH PUBLIC WORKS
155 COREY AVENUE
ST. PETE BEACH, FL 33786
MR. SCOTT D. GRAUBARD
(727)-363-9224

GAS
TECO PEOPLE'S GAS
1800 9th AVENUE N.
ST. PETE BEACH, FL 33713
MR. JIM TOPPING
(727)-638-7115

ELECTRIC
PROGRESS ENERGY
2501 25th STREET N.
ST. PETE BEACH, FL 33713
MR. MARK MICHAEL
(727)-883-0710

TELEPHONE
VERIZON
1280 CLEVELAND STREET
CLEARWATER, FL 33756
AMY DOR CASI
(727)-562-4108

LEGAL DESCRIPTION

PARCEL 1: LEASEHOLD PARCEL
FROM THE POINT OF INTERSECTION OF THE SOUTH 100 FEET OF GOVERNMENT LOT 2, SECTION 6, TOWNSHIP 32 SOUTH, RANGE 16 EAST, PINELLAS COUNTY, FLORIDA, WITH THE EASTERLY RIGHT-OF-WAY OF GULF BOULEVARD, RUN 156.48 FEET ALONG SAID RIGHT-OF-WAY AND THE ARC OF A CURVE TO THE LEFT, RADIUS 570.89 FEET, CHORD NORTH 14 DEGREES 45 MINUTES 59 SECONDS WEST, 156.48 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE ALONG SAID EASTERLY RIGHT-OF-WAY OF GULF BOULEVARD BY THE FOLLOWING TWO COURSES: (1) 198.45 FEET ALONG THE ARC OF A CURVE TO THE LEFT, RADIUS 360.00 FEET, CHORD NORTH 10 DEGREES 47 SECONDS EAST, 197.81 FEET; THENCE NORTH 88 DEGREES 13 MINUTES 13 SECONDS EAST, 278.46 FEET ALONG THE ARC OF A CURVE TO THE LEFT, RADIUS 360.00 FEET, CHORD SOUTH 55 DEGREES 49 MINUTES 35 SECONDS EAST, 272.58 FEET; THENCE SOUTH 16 DEGREES 37 MINUTES 47 SECONDS EAST, 797.81 FEET; THENCE NORTH 88 DEGREES 13 MINUTES 13 SECONDS EAST, 163.89 FEET; THENCE SOUTH 81 DEGREES 46 MINUTES 24 SECONDS WEST 30.00 FEET; THENCE NORTH 88 DEGREES 13 MINUTES 36 SECONDS WEST, 288.48 FEET; THENCE SOUTH 81 DEGREES 46 MINUTES 24 SECONDS WEST, 125.49 FEET TO THE NORTH RIGHT-OF-WAY LINE OF 46TH AVENUE (A 68.00 FOOT RIGHT-OF-WAY); THENCE NORTH 88 DEGREES 13 MINUTES 36 SECONDS WEST, 99.38 FEET ALONG SAID RIGHT-OF-WAY; THENCE NORTH 81 DEGREES 16 MINUTES 24 SECONDS EAST, 108.80 FEET; THENCE NORTH 88 DEGREES 13 MINUTES 36 SECONDS WEST, 194.55 FEET TO THE POINT OF BEGINNING.

TOGETHER WITH:
ALL RIGHTS AND EASEMENTS FOR DRAINAGE AS CONTAINED IN THAT CERTAIN EASEMENT DATED JULY 30, 1983 AND RECORDED IN OFFICIAL RECORD BOOK 9575, PAGE 1577, OF THE PUBLIC RECORDS OF PINELLAS COUNTY, FLORIDA, AS MODIFIED AND AMENDED BY THAT CERTAIN EASEMENT EASEMENT RECORDED IN OFFICIAL RECORD BOOK 7210, PAGE 2286, OF THE PUBLIC RECORDS AFORESAID.

SITE DATA

ITEM	AMOUNT	PERCENT
SITE AREA	12,163 SF	0.278 Ac
DISTURBED AREA (LIMITS OF CONSTRUCTION)	31,550 SF	0.724 Ac
PROPOSED PAVEMENT AREA	23,253 SF	73.7 %
PROPOSED GREEN AREA	3,726 SF	11.8 %
PROPOSED BUILDING AREA	4,571 SF	14.5 %
		100 %
PROPOSED IMPERVIOUS AREA	27,824 SF	88.2 %
PROPOSED PERVIOUS AREA	3,726 SF	18.8 %
		100 %
EXISTING IMPERVIOUS AREA	28,061 SF	88.9 %
EXISTING PERVIOUS AREA	3,489 SF	11.1 %
		100 %

PROPOSED PERVIOUS AREA (3,726 SF) > EXISTING PERVIOUS AREA (3,489 SF)

MAXIMUM BUILDING HEIGHT	ALLOWED	PROVIDED
BUILDING HEIGHT	50 FT.	19.9 FT.

ZONING CG-1 (COMMERCIAL GENERAL)

EXISTING USE VACANT RESTAURANT (BURGER KING)

SEATING 170 SEATS

NUMBER OF STORIES ONE (1)

BUILDING SETBACKS	REQUIRED	PROVIDED
FRONT (West, Gulf Blvd.)	25 FT.	28.5 FT.
SIDE (North)	6 FT.	6.34 FT.
SIDE (South)	6 FT.	7.16 FT.
REAR (East)	25 FT.	24.8 FT.

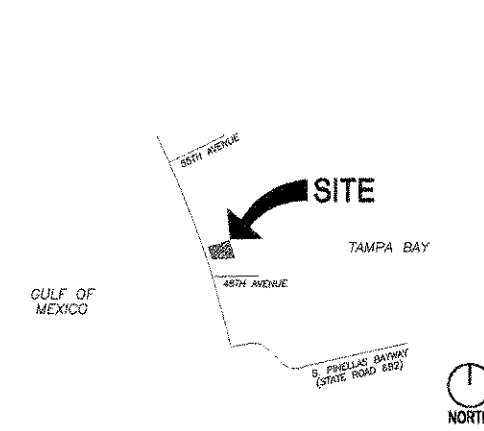
LANDSCAPE BUFFER	REQUIRED	PROVIDED
FRONT (West, Gulf Blvd.)	0 FT.	4 FT.
SIDE (North)	0 FT.	0 FT.
SIDE (South)	0 FT.	3 FT.
REAR (East)	0 FT.	VARIES

PARKING REQUIRED
ONE (1) Space per 200 sf of GROSS FLOOR AREA = 4,571 / 200 = 23 SPACES

PARKING PROVIDED = 23 SPACES (SHARED PARKING AGREEMENT)

NOTE: ALL SITE DEVELOPMENT WORK MUST COMPLY WITH THE REQUIREMENTS OF THE FLORIDA FIRE PROTECTION CODE.

VICINITY MAP



SECTION 6, TOWNSHIP 32 South, RANGE 16 East

INDEX TO DRAWINGS

DRAWING NO.	DESCRIPTION
C-1.0	COVER SHEET
C-1.1	BOUNDARY and TOPOGRAPHIC SURVEY
C-1.2	DEMOLITION PLAN
C-2.0	SITE PLAN
C-3.0	GRADING PLAN
C-4.0	CFA STANDARD DETAILS
C-4.1	CFA STANDARD DETAILS
C-4.2	CFA STANDARD DETAILS
C-5.0	CONSTRUCTION DETAILS
C-5.1	BENNINGAN'S DUMPSTER PLAN and DETAILS
PS-1.0	PLUMBING SITE PLAN
L-1.0	LANDSCAPING PLAN
L-2.0	IRRIGATION PLAN
ES-1.0	ELECTRICAL SITE PLAN
ES-2.0	ELECTRICAL SITE PHOTOMETRICS

FOR CONSTRUCTION

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark	Date	By
△	10-28-04	J.R.

CLIENT & ENGINEER'S REVISION

Mark	Date	By
△		

Mark	Date	By
△		

Seal

ROBERT ZIEGENFUSS, P.E.
FL. REG. #56752

AA 004020
CA 8660
933 LEE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32810
PH 407 645 5008
FX 407 629 9124

INTERPLAN
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES S03-A
Dolphin Village
4623 Gulf Blvd.
St. Pete Beach
FLORIDA

SHEET TITLE
COVER
SHEET

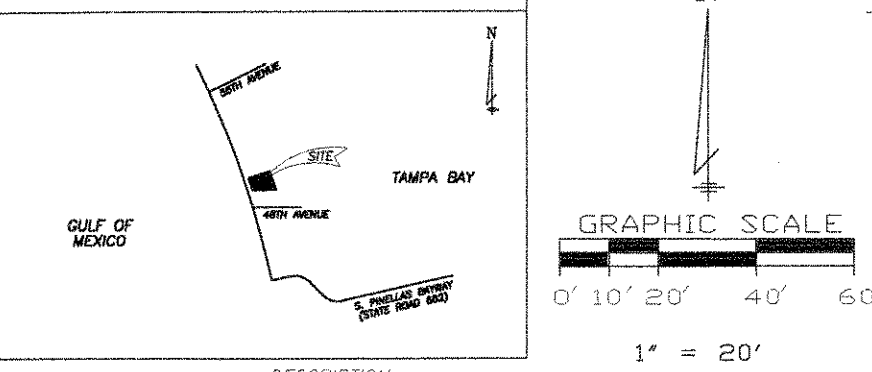
DWG EDITION 04.6

Preliminary
 80% Submittal
 For Construction

Job No. : 2004.0055
Store : 1740
Date : 05/13/04
Drawn By : MJ
Checked By : RA

Sheet

C-1.0



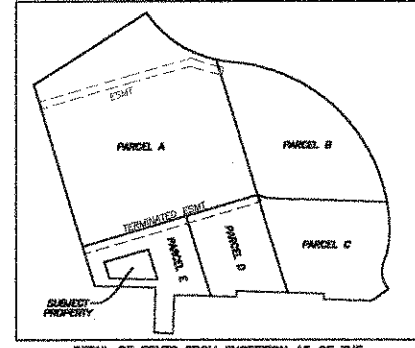
DESCRIPTION

PARCEL 1: LEASEHOLD PARCEL
FROM THE POINT OF INTERSECTION OF THE SOUTH 180 FEET OF GOVERNMENT LOT 2, SECTION 6, TOWNSHIP 32 SOUTH, RANGE 16 EAST, PINELLAS COUNTY, FLORIDA, WITH THE EASTERLY RIGHT-OF-WAY OF GULF BOULEVARD, RUN 156.48 FEET ALONG SAID RIGHT-OF-WAY AND THE ARC OF A CURVE TO THE LEFT, RADIUS 5769.65 FEET, CHORD NORTH 14°45'59" E, 54.82 FEET, THENCE N 16°37'13" W, 28.45 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE N 16°37'13" W, 57.89 FEET, THENCE N 73°22'43" E, 147.00 FEET, THENCE S 16°37'13" E, 108.77 FEET, THENCE N 88°13'36" W, 154.91 FEET TO THE POINT OF BEGINNING. CONTAINS 12,103 SQUARE FEET OR 0.278 ACRES MORE OR LESS.

PARCEL 2: PROPOSED EASEMENT PARCEL
LOT B, LESS THE WEST 14.81 FEET, LIDO GARDENS FIRST ADDITION, AS RECORDED IN PLAT BOOK 52, PAGE 81, PUBLIC RECORDS OF PINELLAS COUNTY, FLORIDA, AND A PORTION OF GOVERNMENT LOT 2, IN SECTION 6, TOWNSHIP 32 SOUTH, RANGE 16 EAST, PINELLAS COUNTY, FLORIDA, ALL BEING FURTHER AS FOLLOWS:
FROM THE POINT OF INTERSECTION OF THE SOUTH 180.00 FEET OF GOVERNMENT LOT 2, SECTION 6, TOWNSHIP 32, RANGE 16 EAST, PINELLAS COUNTY, FLORIDA, WITH THE EASTERLY RIGHT-OF-WAY OF GULF BOULEVARD, RUN 156.48 FEET ALONG SAID RIGHT-OF-WAY AND THE ARC OF A CURVE TO THE LEFT, RADIUS 5769.65 FEET, CHORD NORTH 14°45'59" E, 54.82 FEET, THENCE N 16°37'13" W, 28.45 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE ALONG SAID EASTERLY RIGHT-OF-WAY OF GULF BOULEVARD BY THE FOLLOWING TWO COURSES: (1) 108.45 FEET ALONG THE ARC OF A CURVE TO THE LEFT, RADIUS 5769.65 FEET, CHORD NORTH 16 DEGREES 04 MINUTES 55 SECONDS WEST, 108.45 FEET (2) NORTH 16 DEGREES 07 MINUTES 13 SECONDS WEST, 589.29 FEET, THENCE NORTH 57 DEGREES 13 MINUTES 47 SECONDS EAST, 429.31 FEET; THENCE 278.48 FEET ALONG THE ARC OF A CURVE TO THE LEFT, RADIUS 380.00 FEET, CHORD SOUTH 55 DEGREES 48 MINUTES 36 SECONDS EAST, 272.80 FEET; THENCE SOUTH 16 DEGREES 37 MINUTES 47 SECONDS EAST, 797.01 FEET; THENCE NORTH 88 DEGREES 13 MINUTES 36 SECONDS WEST, 163.89 FEET; THENCE SOUTH 01 DEGREES 46 MINUTES 24 SECONDS WEST, 200.00 FEET; THENCE NORTH 88 DEGREES 13 MINUTES 36 SECONDS WEST, 123.00 FEET TO THE NORTH RIGHT-OF-WAY LINE OF 48TH AVENUE (A 60.00 FOOT RIGHT-OF-WAY); THENCE NORTH 88 DEGREES 13 MINUTES 36 SECONDS WEST, 60.39 FEET ALONG SAID RIGHT-OF-WAY; THENCE NORTH 01 DEGREES 16 MINUTES 24 SECONDS EAST, 150.00 FEET; THENCE NORTH 88 DEGREES 13 MINUTES 36 SECONDS WEST, 144.55 FEET TO THE POINT OF BEGINNING.

TOGETHER WITH:
ALL RIGHTS AND EASEMENTS FOR DRAINAGE AS CONTAINED IN THAT CERTAIN EASEMENT DATED JULY 30, 1983 AND RECORDED IN OFFICIAL RECORD BOOK 5575, PAGE 1517, OF THE PUBLIC RECORDS OF PINELLAS COUNTY, FLORIDA, AS MODIFIED AND AMENDED BY THAT CERTAIN LOCATION OF EASEMENT RECORDED IN OFFICIAL RECORD BOOK 7210, PAGE 2280, OF THE PUBLIC RECORDS AFORESAID.

- NOTES:
- BEARING STRUCTURE BASED ON EASTERLY R/W LINE OF GULF BOULEVARD (SR 599) BEING: N 14°45'59" W (CHORD BEARING).
 - THIS SURVEY REFLECTS ONLY MATTERS OF RECORD AS PROVIDED BY THE CLIENT OR CLIENTS REPRESENTATIVE.
 - THIS SURVEY WAS MADE ON THE GROUND. THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION (AS LOCATED BY SUNSHINE UTILITIES LOCATING SERVICE TICKET NO. 07642383) AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.
 - THIS SITE IS IN A FLOOD PRONE AREA, IT IS IN ZONE AE, AN AREA INUNDED BY 100 YEAR FLOOD BASED ON FLOOD INSURANCE RATE MAP, PANEL NO. 125149 0276 G, HAVING AN EFFECTIVE DATE OF SEPTEMBER 3, 2003, CITY OF ST. PETE BEACH, PINELLAS COUNTY, FLORIDA.
 - ELEVATIONS BASED ON PINELLAS COUNTY DATUM, BM #127 (SRD) BEING: 5.430 FEET, (NOVD 29).
 - ACCORDING TO FLORIDA STATUTES, CHAPTER 472.025, A LAND SURVEYOR SHALL NOT AFFIX HIS SEAL OR NAME TO ANY PLAN OR DRAWING WHICH DEPICTS WORK WHICH HE IS NOT LICENSED TO PERFORM OR WHICH IS BEYOND HIS PROFESSION OR SPECIALTY THEREIN. THEREFORE, WE ARE UNABLE TO CERTIFY AS TO MUNICIPAL ZONING COMPLIANCE, INTERPRETATION OF ZONING CODES OR THE DETERMINATION OF VIOLATIONS THEREOF.
 - THIS SURVEY MADE WITH BENEFIT OF COMMITMENT FOR TITLE NO. N704-0155, EFFECTIVE DATE MARCH 18, 2004 ISSUED BY FIDELITY NATIONAL TITLE INSURANCE COMPANY.
 - THERE ARE 12 PARKING SPACES INCLUDING 1 HANDICAP SPACE.
 - ZONING REQUIREMENTS AND RESTRICTIONS PERTAIN TO DOLPHIN VILLAGE SHOPPING CENTER IN ITS ENTIRETY PER CITY OF ST. PETERSBURG BEACH.
 - SEE EXHIBIT "A" FOR SURVEYOR'S REPORT.



SURVEYOR'S CERTIFICATE
To:
Chick-Fil-A

This is to certify that this map or plat and the survey on which it is based were made in accordance with the "Minimum Standard Detail Requirements for ALTA/ACSM Land Title Surveys," jointly established and adopted by ALTA, ACSM and NSPS in 1989, and includes items 1, 2, 3, 4, 5, 6, 7(a), 7(b), 8, 9, 10, and 11(b), of Table A thereof. Pursuant to the Accuracy Standards as adopted by ALTA, NSPS and ACSM and in effect on the date of this certification, undersigned further certifies that proper field procedures, instrumentation, and adequate survey personnel were employed in order to achieve results comparable to those outlined in the "Minimum Angle, Distance, and Closure Requirements for Survey Measurements Which Control Land Boundaries for ALTA/ACSM Land Title Surveys."

Date:

ACCURIGHT SURVEYS
of Orlando Inc., LB 4475
2012 E. Robinson St.
Orlando, Florida 32803
PHONE (407) 894-6314 FAX (407) 897-3777

THIS SURVEY MEETS THE "MINIMUM TECHNICAL STANDARDS" AS REQUIRED BY CHAPTER 61G17-6, FLORIDA BOARD OF LAND SURVEYORS, PURSUANT TO SECTION 472.027 OF THE FLORIDA STATUTES.
DATE:

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL DENSED SEAL OF THIS FLORIDA LICENSED SURVEYOR AND MAPPER.

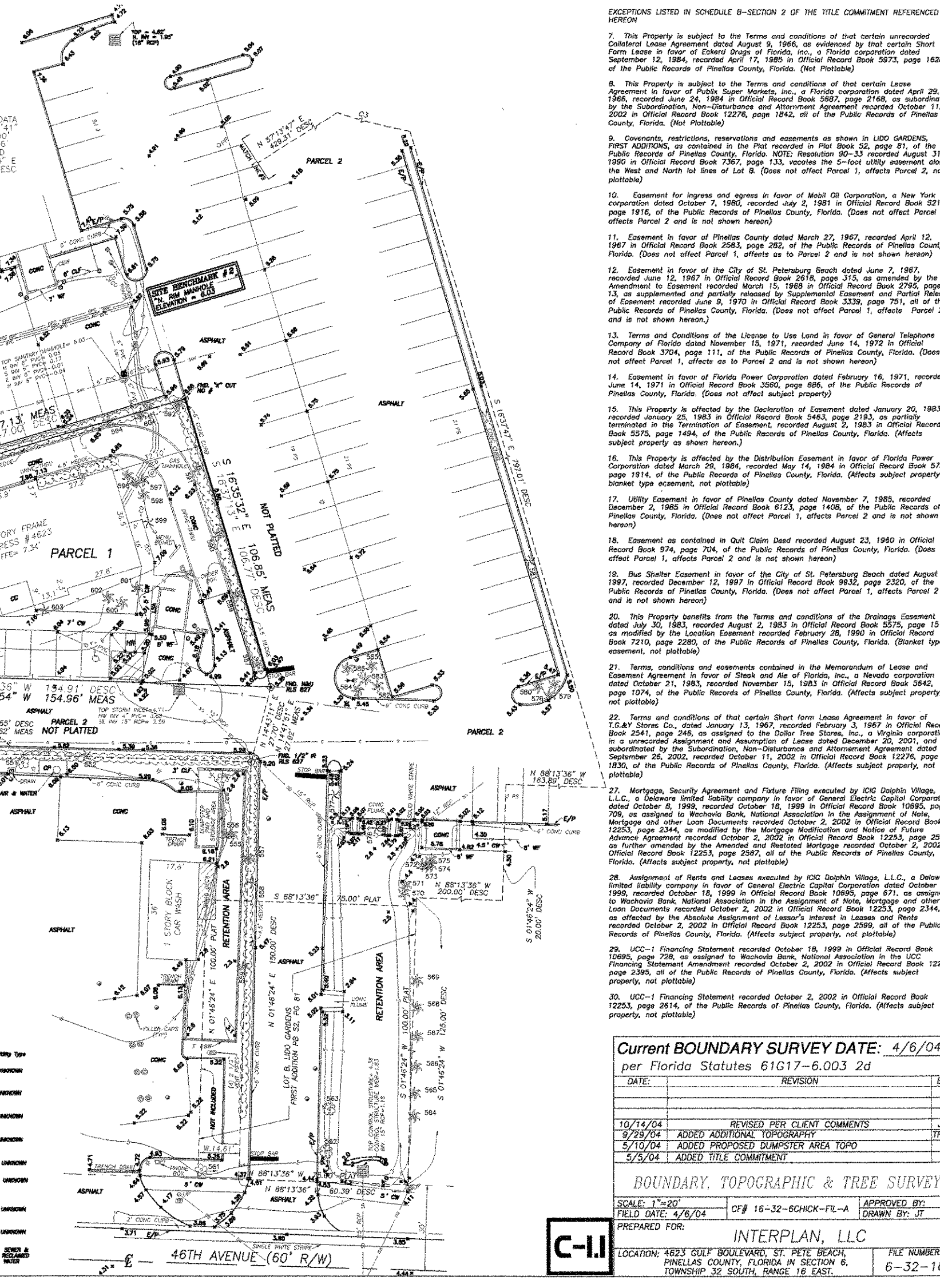
TREE CHART

547 - 6" TREE	580 - 12" PALM
548 - 16" PALM	581 - 8" TREE
549 - 3" MAGNOLIA	582 - 10" PALM
550 - 11" TREE	583 - 12" PALM
551 - 12" OAK	584 - 10" PALM
552 - 15" TREE	585 - 10" PALM
553 - 14" PALM	586 - 10" PALM
554 - 14" PALM	587 - 10" PALM
555 - 15" PALM	588 - 10" PALM
556 - 15" PALM	589 - 10" PALM
557 - 15" PALM	590 - 10" PALM
558 - 7" TREE	591 - 10" PALM
559 - 16" PALM	592 - 10" PALM
560 - 10" OAK	593 - 10" PALM
561 - 10" OAK	594 - 12" PALM
562 - 2-8" CHINA	595 - 10" PALM
563 - 2-10" CHINA	596 - 10" PALM
564 - 16" PALM	597 - 10" PALM
565 - 16" PALM	598 - 10" PALM
566 - 16" PALM	599 - 2-4" TREE
567 - 17" PALM	600 - 10" PALM
568 - 16" PALM	601 - 10" PALM
569 - 18" PALM	602 - 10" PALM
570 - 14" PALM	603 - 4" TREE
571 - 10" PALM	604 - 10" PALM
572 - 10" PALM	605 - 10" PALM
573 - 8" PALM	606 - 10" PALM
574 - 9" PALM	607 - 12" PALM
575 - 8" PALM	608 - 10" PALM
576 - 8" TREE	609 - 10" PALM
577 - 10" TREE	610 - 4-4" PALM
578 - 10" PALM	611 - 4-4" PALM
579 - 10" PALM	612 - 4-4" PALM

ZONING DATA

DISTRICT: C61 (GENERAL COMMERCIAL DISTRICT)
AUTHORITY: CITY OF ST. PETERSBURG BEACH
MINIMUM YARD REQUIREMENTS:
FRONT: 25'
SIDE: 10% OF LOT WIDTH
REAR: 25'
STREET SIDE: N/A
MAXIMUM BUILDING HEIGHT: 50'
FLOOR AREA RATIO: 55%

Service Area	Contact	Phone Number	Utility Type
FLORIDA POWER & LIGHT	JACQUE GARDNER	Day: 407/848332	UNKNOWN
VERIZON	CHRIS BLACKBURN	Day: 407/530044	UNKNOWN
PINELLAS COUNTY SOUTH-INVER	BETH BORDEN/JOAN	Day: 813/882200	UNKNOWN
PINELLAS COUNTY SOUTH-INVER	NATH BORDEN/JOAN	Day: 813/882200	UNKNOWN
PEOPLES GAS-ST PETERSBURG	PALLIE BRIDGES	Day: 813/273742	UNKNOWN
BRIGHT HOUSE NETWORKS, LLC	ROBERT HOFFMAN	Day: 813/379800	UNKNOWN
PINELLAS COUNTY SOUTH-INVER	BETH BORDEN/JOAN	Day: 813/882200	UNKNOWN
PINELLAS COUNTY SOUTH-INVER	ANYONE	Day: 727/469800	UNKNOWN
CITY OF ST PETE	WILLIAM MILLER	Day: 727/363254	UNKNOWN



- EXCEPTIONS LISTED IN SCHEDULE B-SECTION 2 OF THE TITLE COMMITMENT REFERENCED HEREON
- This Property is subject to the Terms and conditions of that certain unrecorded Collateral Lease Agreement dated August 9, 1966, as evidenced by that certain Short Term Lease in favor of Eckard Drapery, a Florida corporation dated September 12, 1984, recorded April 17, 1985 in Official Record Book 5973, page 162B, of the Public Records of Pinellas County, Florida. (Not Plottable)
 - This Property is subject to the Terms and conditions of that certain Lease Agreement in favor of Publix Super Markets, Inc., a Florida corporation dated April 29, 1968, recorded June 24, 1984 in Official Record Book 5887, page 216B, as subordinated by the Subordination, Non-Disturbance and Attornment Agreement recorded October 11, 2002 in Official Record Book 12276, page 183D, all of the Public Records of Pinellas County, Florida. (Not Plottable)
 - Covenants, restrictions, reservations and easements as shown in LIDO GARDENS, FIRST ADDITION, as contained in Plat recorded June 14, 1972 in Official Record Book 52, page 81, of the Public Records of Pinellas County, Florida. NOTE: Resolution 80-33 recorded August 31, 1990 in Official Record Book 7367, page 133, vacates the 5-foot utility easement along the West and North lot lines of Lot B. (Does not affect Parcel 1, affects Parcel 2, not plottable)
 - Easement for ingress and egress in favor of Mobil Oil Corporation, a New York corporation dated October 7, 1980, recorded July 2, 1981 in Official Record Book 5215, page 191E, of the Public Records of Pinellas County, Florida. (Does not affect Parcel 1, affects Parcel 2 and is not shown hereon)
 - Easement in favor of Pinellas County dated March 27, 1967, recorded April 12, 1967 in Official Record Book 2583, page 282, of the Public Records of Pinellas County, Florida. (Does not affect Parcel 1, affects as to Parcel 2 and is not shown hereon)
 - Easement in favor of the City of St. Petersburg Beach dated June 7, 1967, recorded June 12, 1967 in Official Record Book 2618, page 315, as amended by the Amendment to Easement recorded March 15, 1968 in Official Record Book 2795, page 13, as supplemented and partially released by Supplemental Easement and Partial Release of Easement recorded June 9, 1973 in Official Record Book 3330, page 751, all of the Public Records of Pinellas County, Florida. (Does not affect Parcel 1, affects Parcel 2 and is not shown hereon.)
 - Terms and Conditions of the License to Use Land in favor of General Telephone Company of Florida dated November 15, 1971, recorded June 14, 1972 in Official Record Book 3704, page 111, of the Public Records of Pinellas County, Florida. (Does not affect Parcel 1, affects as to Parcel 2 and is not shown hereon)
 - Easement in favor of Florida Power Corporation dated February 16, 1971, recorded June 14, 1971 in Official Record Book 3560, page 685, of the Public Records of Pinellas County, Florida. (Does not affect subject property)
 - This Property is affected by the Declaration of Easement dated January 20, 1983, recorded January 25, 1983 in Official Record Book 5463, page 2183, as partially amended by the Amendment to Easement recorded August 2, 1983 in Official Record Book 5575, page 149A, of the Public Records of Pinellas County, Florida. (Affects subject property as shown hereon.)
 - This Property is affected by the Distribution Easement in favor of Florida Power Corporation dated March 2, 1984, recorded May 14, 1984 in Official Record Book 5758, page 1914, of the Public Records of Pinellas County, Florida. (Affects subject property, blanket type easement, not plottable)
 - Utility Easement in favor of Pinellas County dated November 7, 1985, recorded December 2, 1985 in Official Record Book 6123, page 1408, of the Public Records of Pinellas County, Florida. (Does not affect Parcel 1, affects Parcel 2 and is not shown hereon)
 - Easement as contained in Quit Claim Deed recorded August 23, 1980 in Official Record Book 974, page 704, of the Public Records of Pinellas County, Florida. (Does not affect Parcel 1, affects Parcel 2 and is not shown hereon)
 - Bus Shelter Easement in favor of the City of St. Petersburg Beach dated August 5, 1987, recorded in December 12, 1987 in Official Record Book 6832, page 230D, of the Public Records of Pinellas County, Florida. (Does not affect Parcel 1, affects Parcel 2 and is not shown hereon)
 - This Property benefits from the Terms and conditions of the Drainage Easement dated July 30, 1983, recorded August 2, 1983 in Official Record Book 5575, page 1517, as amended by the Amendment to Easement recorded February 28, 1990 in Official Record Book 7210, page 2280, of the Public Records of Pinellas County, Florida. (Blanket type easement, not plottable)
 - Terms, conditions and easements contained in the Memorandum of Lease and Contingent Purchase Agreement in favor of Pinellas County, Inc., a Nevada corporation dated October 21, 1983, recorded November 15, 1983 in Official Record Book 5642, page 1074, of the Public Records of Pinellas County, Florida. (Affects subject property, not plottable)
 - Terms and conditions of that certain Short Term Lease Agreement in favor of T.G. & S. Stores Co., dated January 13, 1967, recorded February 3, 1967 in Official Record Book 2541, page 246, as assigned to the Dollar Tree Stores, Inc., a Virginia corporation in an unrecorded Assignment and Assumption of Lease dated December 20, 2001, and as subordinated by the Subordination, Non-Disturbance and Attornment Agreement dated September 28, 2002, recorded October 11, 2002 in Official Record Book 12276, page 183D, of the Public Records of Pinellas County, Florida. (Affects subject property, not plottable)
 - Mortgage, Security Agreement and Fixture Filing executed by ICG Dolphin Village, L.L.C. a Delaware corporation in favor of General Electric Capital Corporation dated October 8, 1999, recorded October 16, 1999 in Official Record Book 10895, page 709, as assigned to Wachovia Bank, National Association in the Assignment of Note, Mortgage and other Loan Documents recorded October 2, 2002 in Official Record Book 12253, page 2573, as further amended by the Amended and Restated Mortgage recorded October 2, 2002 in Official Record Book 12253, page 2587, all of the Public Records of Pinellas County, Florida. (Affects subject property, not plottable)
 - Assignment of Rents and Leases executed by ICG Dolphin Village, L.L.C., a Delaware limited liability company in favor of General Electric Capital Corporation dated October 8, 1999, recorded October 16, 1999 in Official Record Book 10895, page 671, as assigned to Wachovia Bank, National Association in the Assignment of Note, Mortgage and other Loan Documents recorded October 2, 2002 in Official Record Book 12253, page 2344, as affected by the Absolute Assignment of Lessor's Interest in Leases and Rents recorded October 2, 2002 in Official Record Book 12253, page 2589, all of the Public Records of Pinellas County, Florida. (Affects subject property, not plottable)
 - UCC-1 Financing Statement recorded October 18, 1999 in Official Record Book 10695, page 728, as assigned to Wachovia Bank, National Association in the UCC Financing Statement Amendment recorded October 2, 2002 in Official Record Book 12253, page 2395, all of the Public Records of Pinellas County, Florida. (Affects subject property, not plottable)
 - UCC-1 Financing Statement recorded October 2, 2002 in Official Record Book 12253, page 2614, of the Public Records of Pinellas County, Florida. (Affects subject property, not plottable)

Current BOUNDARY SURVEY DATE: 4/6/04
per Florida Statutes 61G17-6.003 2d

DATE	REVISION	BY
10/14/04	REVISED PER CLIENT COMMENTS	JLS
9/29/04	ADDED ADDITIONAL TOPOGRAPHY	TRKII
5/10/04	ADDED PROPOSED DUMPSTER AREA TOPO	JT
5/5/04	ADDED TITLE COMMITMENT	JT

BOUNDARY, TOPOGRAPHIC & TREE SURVEY

SCALE: 1"=20'
FIELD DATE: 4/6/04
CF# 16-32-6CHICK-FIL-A
APPROVED BY: [Signature]
DRAWN BY: JT

PREPARED FOR: **INTERPLAN, LLC**

LOCATION: 4623 GULF BOULEVARD, ST. PETE BEACH, PINELLAS COUNTY, FLORIDA IN SECTION 6, TOWNSHIP 32 SOUTH, RANGE 16 EAST. FILE NUMBER: 6-32-11

DEMOLITION NOTES

- CLEAR SITE OF ALL BUILDINGS, STRUCTURES, PAVEMENT AND LANDSCAPING PER SPECIFICATIONS UNLESS OTHERWISE SPECIFIED ON THE PLOT PLAN OR BY THE OWNER'S ENGINEER. SEE SURVEY FOR EXISTING STRUCTURES AND CONFIRM WITH A SITE VISIT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING UTILITY COMPANIES TO LOCATE ALL UNDERGROUND UTILITIES PRIOR TO ANY EXCAVATION.
- RESTORE TO ORIGINAL OR BETTER CONDITION ALL AREAS DISTURBED BY CONSTRUCTION.
- SHOW ALL MODIFIED PIPING, CONDUIT RUNS, UTILITIES AND ANY MODIFICATIONS MADE TO THE ORIGINAL DRAWINGS ON "AS-BUILT" PRINT AND TURN OVER TO OWNER'S REPRESENTATIVE UPON COMPLETION.
- EXISTING UNDERGROUND UTILITIES, UNLESS OTHERWISE NOTED, SHALL REMAIN AND ARE TO BE PROTECTED WHERE NECESSARY.
- REMOVE ALL EXISTING CURB AND DRIVEWAY PAVEMENT AREAS.
- REMOVE ALL UNDERGROUND TANKS (IF ANY) PER STATE AND LOCAL ORDINANCES.
- CONTRACTOR SHALL REMOVE AND DISPOSE OF THE CONCRETE AND SOIL AS NECESSARY TO COMPLETE PROPOSED CONSTRUCTION. ANY IMPACTED SOILS ENCOUNTERED SHALL BE STOCKPILED PER DIRECTION OF OWNER'S REPRESENTATIVE UNLESS OTHERWISE DIRECTED. CONTRACTOR SHALL USE ALL EXCAVATED SOILS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR LAYOUT OF THE ENTIRE SITE. THE PROPERTY CORNERS SHALL BE MARKED. IF CORNER PINS ARE REMOVED OR DISTURBED DURING CONSTRUCTION, CONTRACTOR SHALL REMARK PROPERTY CORNERS AT HIS EXPENSE USING A REGISTERED SURVEYOR.
- A REPORT OF THE SUBSURFACE INVESTIGATION IS MADE AVAILABLE TO THE CONTRACTOR AT TIME OF BIDDING. THEREFORE, THE BASE BID SHALL INCLUDE THE FOLLOWING:
 - CONTRACTOR SHALL BE RESPONSIBLE TO DETERMINE ANY OVERSIZING OF EXCAVATIONS AND PROVIDE CORRESPONDING BACKFILL OVER AND ABOVE THE SPECIFIED MINIMUMS.
 - DETERMINE THE NEED FOR AND PROVIDE ANY Dewatering NECESSARY FOR TRENCH, TANK AND FOUNDATION EXCAVATIONS. IDENTIFY THIS COST AS A SEPARATE LINE ITEM IN THE BID. DISPOSAL OF CONTAMINATED WATER SHALL BE THE OWNER'S RESPONSIBILITY.
- THE LOCATIONS OF EXISTING UTILITIES, SUCH AS WATER MAINS, SEWERS, GAS LINES, ETC., AS SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST AVAILABLE INFORMATION AND IS GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. HOWEVER, THE ENGINEER AND OWNER DO NOT ASSUME RESPONSIBILITY FOR THE ACCURACY OF THE LOCATIONS SHOWN. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL UTILITY COMPANIES 48 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND HAVE THEIR FACILITIES LOCATED IN THE FIELD PRIOR TO ANY WORK.
- THE SITE DEMOLITION DEBRIS INCLUDING, SUCH ITEMS AS, FENCES, WALLS, FOUNDATIONS, LOGS, SHRUBS, BRUSH, WEEDS, OTHER VEGETATION AND ACCUMULATIONS OF RUBBISH OF WHATEVER NATURE, SHALL BE SATISFACTORILY DISPOSED OF OFF-SITE.
- THE CONTRACTOR SHALL OBTAIN AND HAVE ON SITE ALL APPLICABLE EXCAVATION AND DEMOLITION PERMITS PRIOR TO BEGINNING ANY CONSTRUCTION.
- ASBESTOS REMOVAL. CONTRACTOR TO PROVIDE FOR ANY ASBESTOS ABATEMENT REQUIRED. ANY ASBESTOS WORK TO BE PERFORMED SHALL BE DONE IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.
- PRIOR TO THE START OF DEMOLITION, THE CONTRACTOR SHALL PUT IN PLACE EROSION CONTROL FACILITIES AND SILT BARRIERS AS SHOWN ON THE PLANS & DETAILS.
- ALL EQUIPMENT, MATERIALS & FIXTURES SHALL REMAIN THE PROPERTY OF THE OWNER AND SHALL BE STORED OR DISPOSED OF PER THE OWNER'S DIRECTION UNLESS OTHERWISE NOTED.
- UNLESS NOTED OTHERWISE, ALL TREES ON SITE SHALL REMAIN AND SHALL BE PROTECTED.
- IN NEW LANDSCAPE AREAS REMOVE BASE AND SUBBASE AND REPLACE WITH GOOD FRIABLE SOIL.
- CONTRACTOR SHALL ACQUAINT HIMSELF WITH THE CONSTRUCTION DOCUMENTS AND BE RESPONSIBLE FOR PROTECTING ANY EXISTING FACILITY SO DESIGNATED OR DESIGNATED TO BE UTILIZED IN THE WORK.
- ANY CONSTRUCTION DEBRIS KEPT ON-SITE SHALL BE LIMITED TO 10' HEIGHT.



5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark	Date	By
△	10-28-04	J.R.

CLIENT & ENGINEER'S REVISION.

Mark Date By

Mark	Date	By
△		

Mark Date By

Mark	Date	By
△		

Seal

ROBERT ZIEGENFUSS, P.E.
FL. REG. #56752

AA 004320
CA 8660
933 LEE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32810
PH 407.645.5008
FX 407.657.7124

INTERPLAN
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES S03-A
Dolphin Village
4623 Gulf Blvd.
St. Pete Beach
FLORIDA

SHEET TITLE
DEMOLITION
SITE PLAN

DWG EDITION 04.6

Preliminary
 80% Submittal
 For Construction

Job No. : 2004.0055

Store : 1740

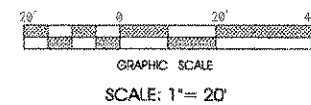
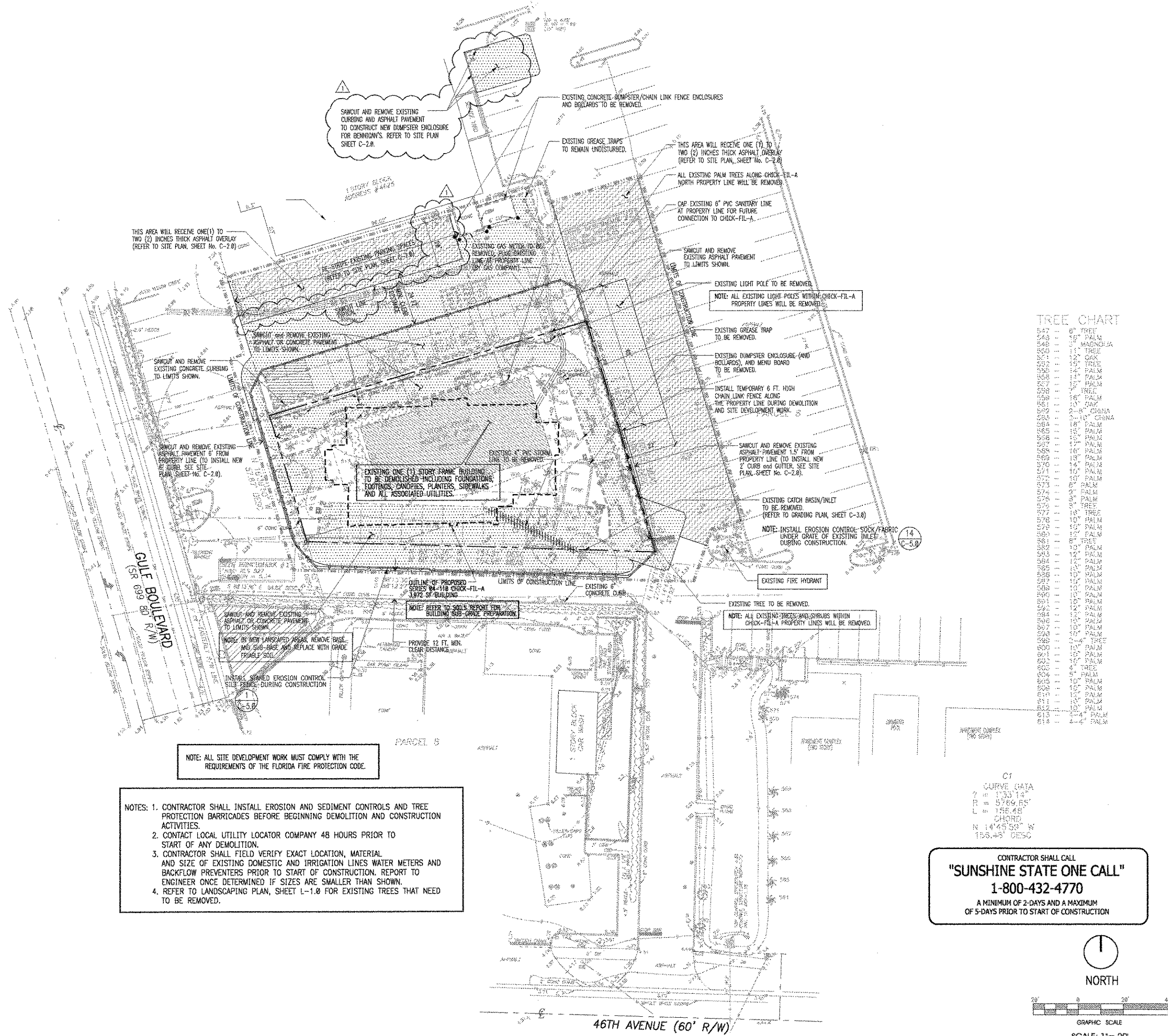
Date : 05/13/04

Drawn By : MJ

Checked By : RA

Sheet

C-12



FOR CONSTRUCTION

SITE PLAN DESIGN NOTES & KEY PLAN

- | | | | |
|----|----------------------------------|----|----------------------------------|
| 1 | DIRECTIONAL ARROW | 1 | 1" THICK CONCRETE RETAINING WALL |
| 2 | DRIVE-THRU GRAPHICS | 2 | CONCRETE SIDEWALK |
| 3 | STOP LINE GRAPHIC | 3 | CURBED HANDICAP RAMP |
| 4 | PAINTED HANDICAP PARKING SYMBOL | 4 | SIDEWALK HANDICAP RAMP |
| 5 | CONCRETE SIDEWALK | 5 | HANDICAP RAMP w/ FLARED SIDES |
| 6 | CURBED HANDICAP RAMP | 6 | SIDEWALK WITH CURB & GUTTER |
| 7 | SIDEWALK HANDICAP RAMP | 7 | 24" CONCRETE CURB AND GUTTER |
| 7A | HANDICAP RAMP w/ FLARED SIDES | 7A | SPILLING SECTION |
| 8 | SIDEWALK WITH CURB & GUTTER | 8 | CATCHING SECTION |
| 9 | 24" CONCRETE CURB AND GUTTER | 9 | STANDARD PARKING STALL (9' WIDE) |
| 9A | SPILLING SECTION | 10 | REFUSE ENCLOSURE FOUNDATION |
| 9B | CATCHING SECTION | 11 | NOT USED |
| 10 | STANDARD PARKING STALL (9' WIDE) | 12 | NOT USED |
| 11 | REFUSE ENCLOSURE FOUNDATION | 13 | NOT USED |
| 12 | NOT USED | 14 | DRIVE THRU PLAN |
| 13 | NOT USED | 15 | DRIVE-THRU ISOMETRIC |
| 14 | DRIVE THRU PLAN | 16 | DIRECTIONAL SIGNAGE |
| 15 | DRIVE-THRU ISOMETRIC | | |
| 16 | DIRECTIONAL SIGNAGE | | |

ALL SIGNS SHALL CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" BY THE U.S. DEPARTMENT OF TRANSPORTATION.

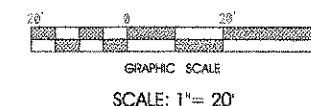
- | | | | |
|-----|--|----|---|
| 16A | NOT USED | 17 | LANDSCAPE & IRRIGATION PROTECTOR |
| 16B | 12" x 18" HANDICAP SIGN | 18 | CONCRETE WHEEL STOP |
| 16C | "CIRCLE BUILDING FOR DRIVE THRU SERVICE" | 19 | SERVICE LINE CLEANOUT |
| 16D | NOT USED | 20 | TYPICAL LIGHT POLE BASE |
| 16E | NOT USED | 21 | HANDRAIL ELEVATION
REFER TO ARCHITECTURAL PLANS,
SHEET A-3.5 FOR DETAILS |
| 16F | DIRECTIONAL SIGN ILLUMINATED
1' x 3' DRIVE-THRU WITH ARROW" | 22 | TYPICAL ADA RAMP AND HANDRAIL
REFER TO ARCHITECTURAL PLANS,
SHEET A-3.5 FOR DETAILS |
| 16G | "DO NOT ENTER" SIGN | 23 | PIPE BUMPER POST |

- | | | | |
|----|--|----|--|
| 24 | TYPICAL PAVEMENT SECTION | 24 | TRANSVERSE & LONGITUDINAL CONTRACTION JOINT |
| 25 | TRANSVERSE & LONGITUDINAL CONTRACTION JOINT | 25 | TRANSVERSE & LONGITUDINAL DOWELED CONST. JOINT |
| 26 | TRANSVERSE & LONGITUDINAL DOWELED CONST. JOINT | 26 | CONCRETE APRON @ TRASH ENCLOSURE |
| 27 | CONCRETE APRON @ TRASH ENCLOSURE | 27 | CONCRETE PAVING @ DRIVE THRU LANE |
| 28 | CONCRETE PAVING @ DRIVE THRU LANE | 28 | EXPANSION JOINT |
| 29 | EXPANSION JOINT | 29 | CONTRACTION JOINT |
| 30 | CONTRACTION JOINT | 30 | FLAGPOLE
ECK SERIES 30 FOOT FLAG POLE PACKAGE,
BY APPROVED VENDORS; THE FLAG COMPANY
OR ATLAS FLAGS. |
| 31 | FLAGPOLE
ECK SERIES 30 FOOT FLAG POLE PACKAGE,
BY APPROVED VENDORS; THE FLAG COMPANY
OR ATLAS FLAGS. | 31 | TRANSFORMER |
| 32 | TRANSFORMER | 32 | REFUSE/STORAGE BUILDING (SEE ARCHITECT PLANS) |
| 33 | REFUSE/STORAGE BUILDING (SEE ARCHITECT PLANS) | 33 | GREASE TRAPS
(REFER TO PLUMBING SITE PLAN, SHEET PS-1.0) |
| 34 | GREASE TRAPS
(REFER TO PLUMBING SITE PLAN, SHEET PS-1.0) | 34 | CHICK-FIL-A PYLON SIGN |
| 35 | CHICK-FIL-A PYLON SIGN | 35 | NOT USED |
| 36 | NOT USED | 36 | MENU BOARD & CANOPY ORDERING STATION |
| 37 | MENU BOARD & CANOPY ORDERING STATION | 37 | CHICK-FIL-A "ENTER" SIGN |
| 38 | CHICK-FIL-A "ENTER" SIGN | 38 | CHICK-FIL-A "EXIT" SIGN |
| 39 | CHICK-FIL-A "EXIT" SIGN | 39 | ELEVATED PATIO/OUTDOOR SEATING AREA
REFER TO ARCHITECTURAL PLANS, SHEET A-3.5 FOR DETAILS
INCLUDING RAMP, WALKWAY AND RAILING/HANDRAIL DETAILS |
| 40 | ELEVATED PATIO/OUTDOOR SEATING AREA
REFER TO ARCHITECTURAL PLANS, SHEET A-3.5 FOR DETAILS
INCLUDING RAMP, WALKWAY AND RAILING/HANDRAIL DETAILS | 40 | 8" THICK CONCRETE RETAINING WALL |
| 41 | 8" THICK CONCRETE RETAINING WALL | | |

TREE CHART

547	6" PALM
548	12" PALM
549	18" PALM
550	24" PALM
551	30" PALM
552	36" PALM
553	42" PALM
554	48" PALM
555	54" PALM
556	60" PALM
557	66" PALM
558	72" PALM
559	78" PALM
560	84" PALM
561	90" PALM
562	96" PALM
563	102" PALM
564	108" PALM
565	114" PALM
566	120" PALM
567	126" PALM
568	132" PALM
569	138" PALM
570	144" PALM
571	150" PALM
572	156" PALM
573	162" PALM
574	168" PALM
575	174" PALM
576	180" PALM
577	186" PALM
578	192" PALM
579	198" PALM
580	204" PALM
581	210" PALM
582	216" PALM
583	222" PALM
584	228" PALM
585	234" PALM
586	240" PALM
587	246" PALM
588	252" PALM
589	258" PALM
590	264" PALM
591	270" PALM
592	276" PALM
593	282" PALM
594	288" PALM
595	294" PALM
596	300" PALM
597	306" PALM
598	312" PALM
599	318" PALM
600	324" PALM

CONTRACTOR SHALL CALL
"SUNSHINE STATE ONE CALL"
 1-800-432-4770
 A MINIMUM OF 2-DAYS AND A MAXIMUM
 OF 5-DAYS PRIOR TO START OF CONSTRUCTION



LEGEND

- | | |
|------------|----------------------|
| 6 | PARKING SPACE TOTALS |
| 2 | DETAIL NUMBER |
| C4 | SHEET NUMBER |
| CC-1 | ZONING |
| BENNYWAY'S | CURRENT LAND USE |

FOR CONSTRUCTION



5200 Buffington Rd.
 Atlanta Georgia,
 30349-2998

Revisions:
 Mark Date By
 10-28-04 JR
 CLIENT & ENGINEER'S
 REVISION

Mark Date By
 14 C-4.1
 15 C-4.1
 16 C-4.1

Mark Date By
 17 C-4.1
 18 C-4.1
 19 C-4.1
 20 C-4.1
 21 C-4.1
 22 C-4.1

Seal
 ROBERT ZIEGENFUSS, P.E.
 FL. REG. #56752

AA 004320
 CA 0660
 933 LEE ROAD, FIRST FLOOR
 ORLANDO, FLORIDA 32810
 PH 407 445 5008
 FX 407 459 9124

INTERPLAN
 ARCHITECTURE
 INTERIOR DESIGN
 PROJECT MANAGEMENT

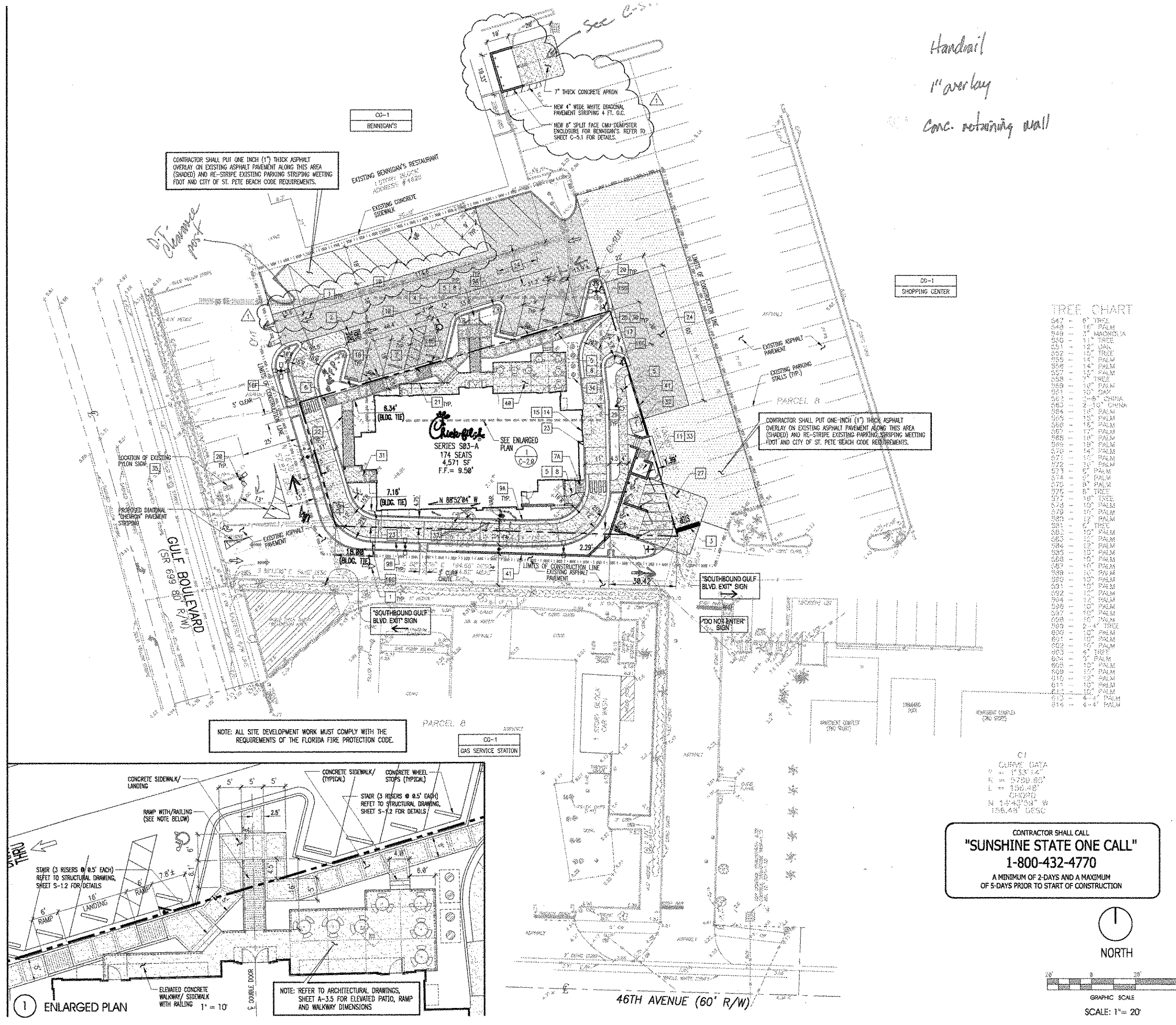
STORE
 SERIES S03-A
 Dolphin Village
 4623 Gulf Blvd.
 St. Pete Beach
 FLORIDA

SHEET TITLE
 SITE PLAN

DWG EDITION 04.6
 Preliminary
 80% Submittal
 For Construction

Job No. : 2004.0055
 Store : 1740
 Date : 05/13/04
 Drawn By : MJ
 Checked By : RA

Sheet
C-20

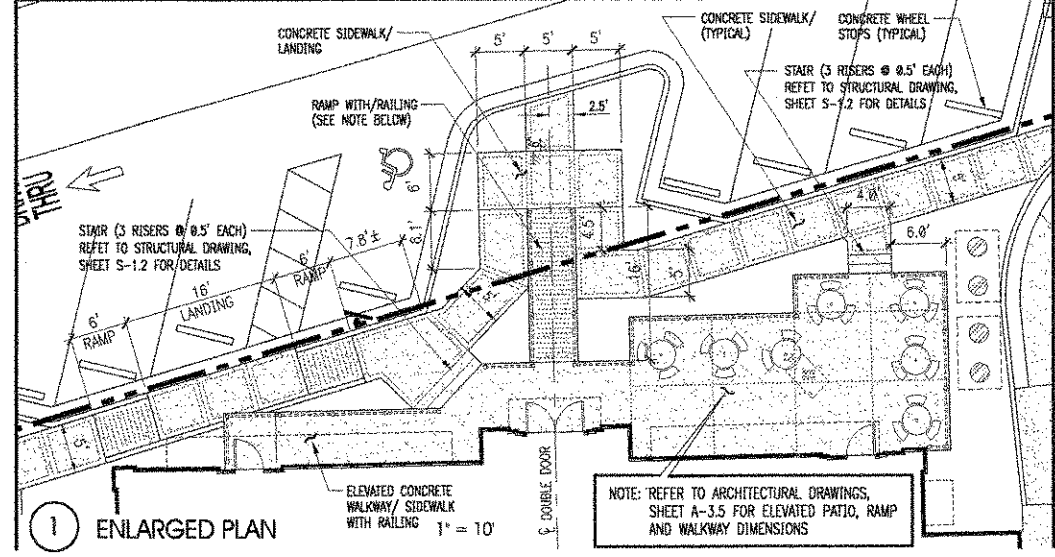


CONTRACTOR SHALL PUT ONE INCH (1") THICK ASPHALT OVERLAY ON EXISTING ASPHALT PAVEMENT ALONG THIS AREA (SHADED) AND RE-STRIPE EXISTING PARKING STRIPING MEETING FOOT AND CITY OF ST. PETE BEACH CODE REQUIREMENTS.

Handrail
 1" overlay
 conc. retaining wall

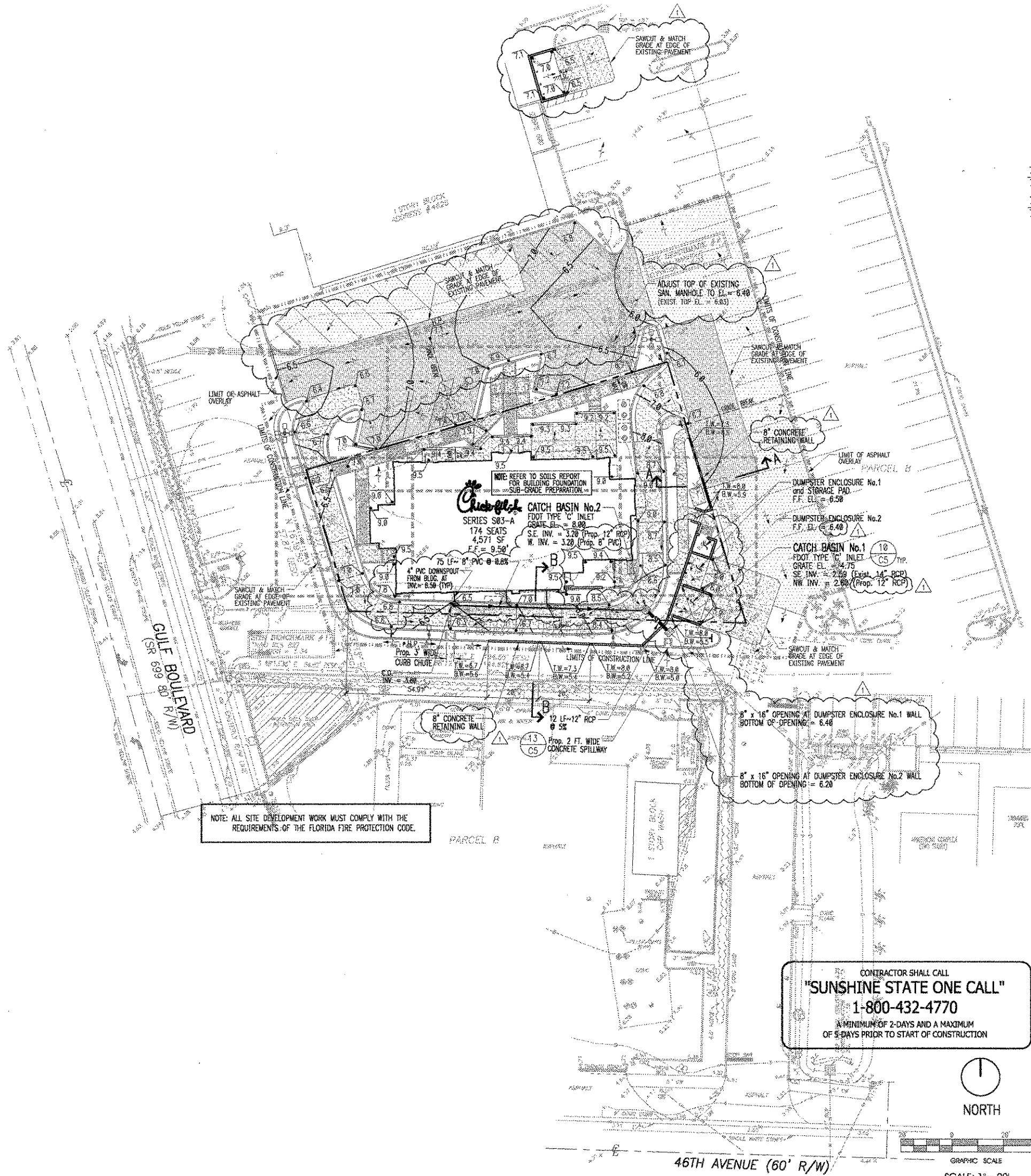
CONTRACTOR SHALL PUT ONE-INCH (1") THICK ASPHALT OVERLAY ON EXISTING ASPHALT PAVEMENT ALONG THIS AREA (SHADED) AND RE-STRIPE EXISTING PARKING STRIPING MEETING FOOT AND CITY OF ST. PETE BEACH CODE REQUIREMENTS.

NOTE: ALL SITE DEVELOPMENT WORK MUST COMPLY WITH THE REQUIREMENTS OF THE FLORIDA FIRE PROTECTION CODE.

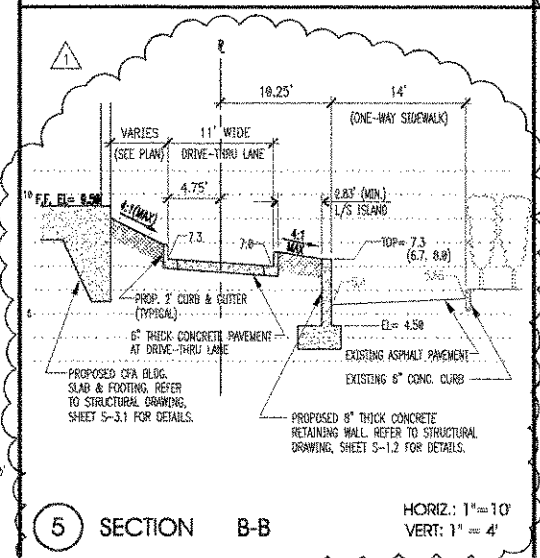
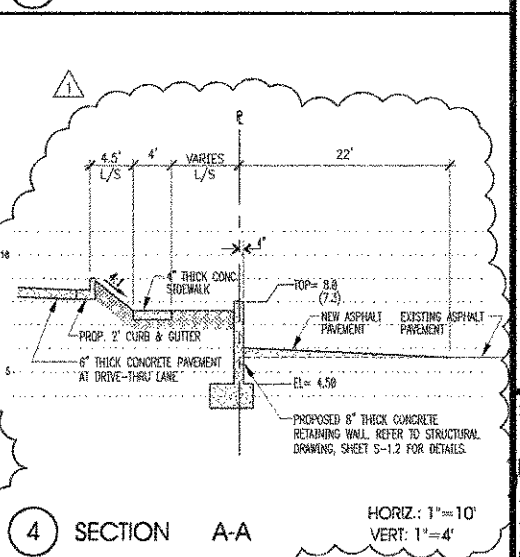
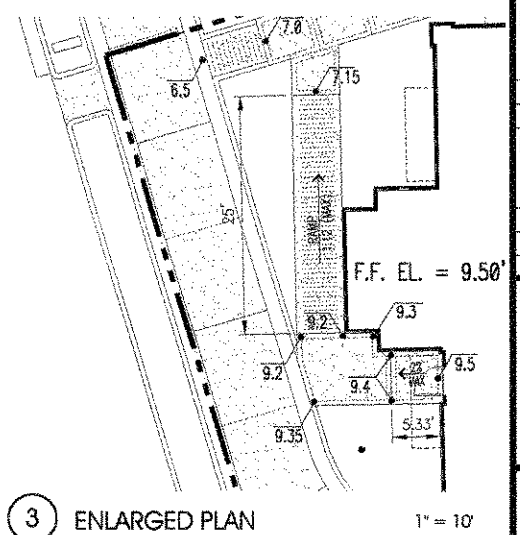
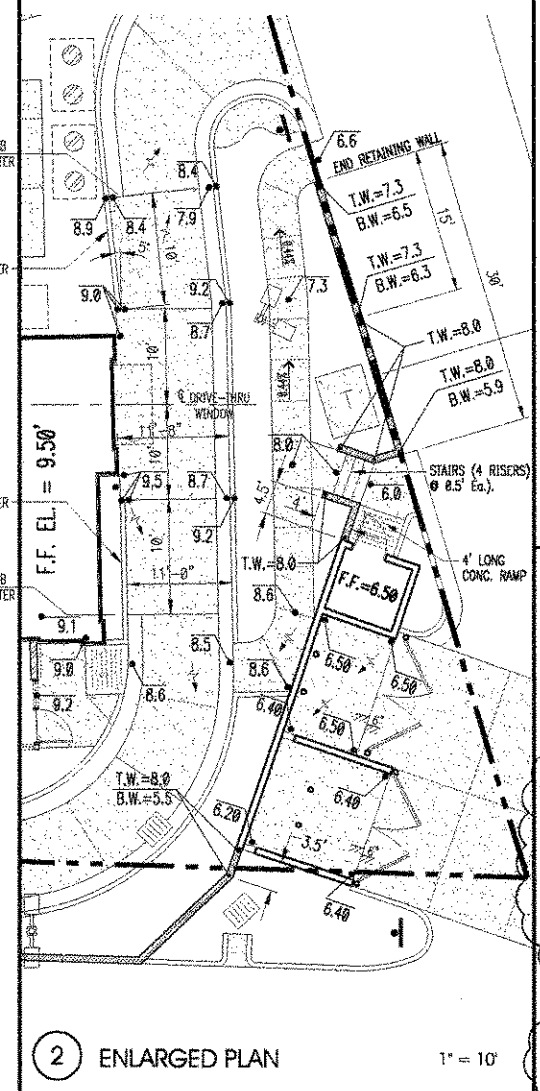
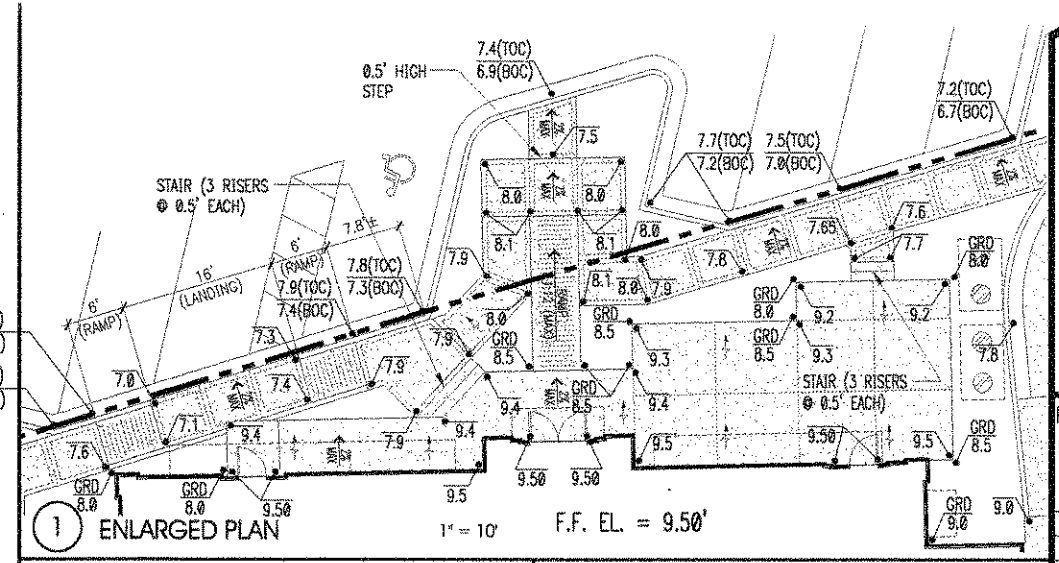
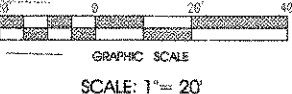


NOTE: REFER TO ARCHITECTURAL DRAWINGS, SHEET A-3.5 FOR ELEVATED PATIO, RAMP AND WALKWAY DIMENSIONS

1 ENLARGED PLAN



CONTRACTOR SHALL CALL
"SUNSHINE STATE ONE CALL"
 1-800-432-4770
 A MINIMUM OF 2-DAYS AND A MAXIMUM OF 5-DAYS PRIOR TO START OF CONSTRUCTION



Revisions:
 Mark Date By
 10-28-04 J.R.
 CLIENT & ENGINEER'S REVISION

Mark Date By

Mark Date By

Seal
 ROBERT ZIEGENFUSS, P.E.
 FL. REG. #56752

INTERPLAN
 ARCHITECTURE
 ENGINEERING
 INTERIOR DESIGN
 PROJECT MANAGEMENT

STORE
 SERIES S03-A
 Dolphin Village
 4623 Gulf Blvd.
 St. Pete Beach
 FLORIDA

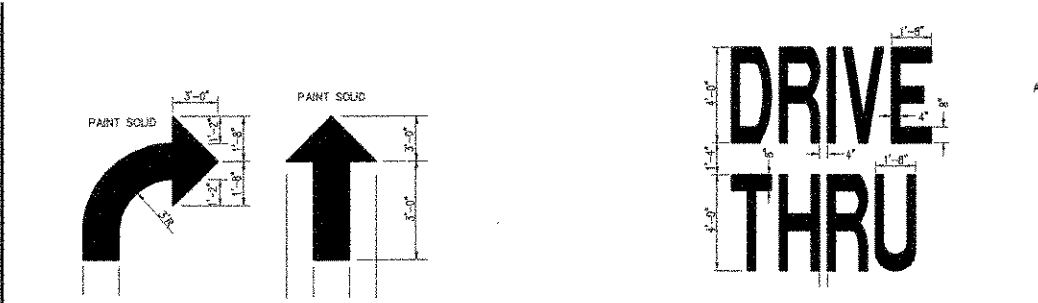
SHEET TITLE
 GRADING
 PLAN

DWG EDITION 04.6
 Preliminary
 80% Submittal
 For Construction

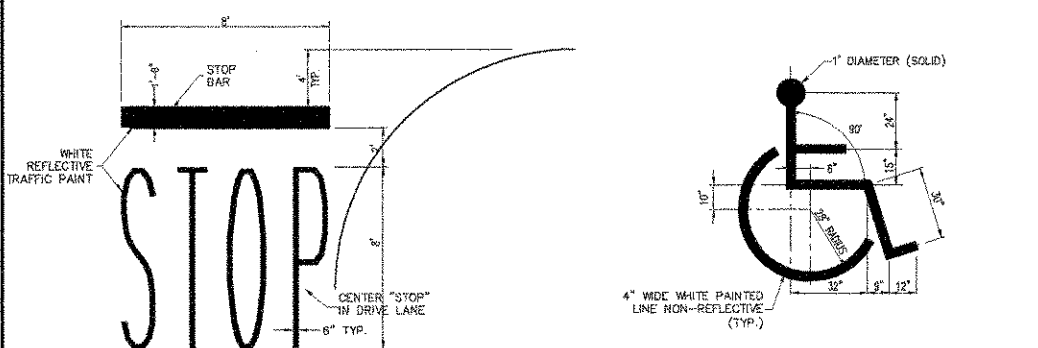
Job No. : 2004.0055
 Store : 1740
 Date : 05/13/04
 Drawn By : MJ
 Checked By : RA

Sheet
C-3.0

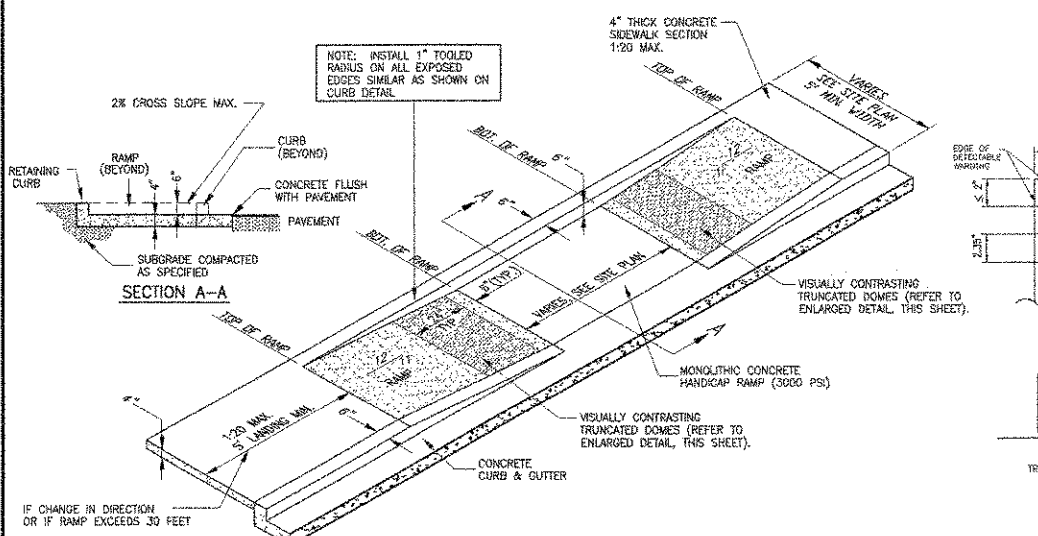
FOR CONSTRUCTION



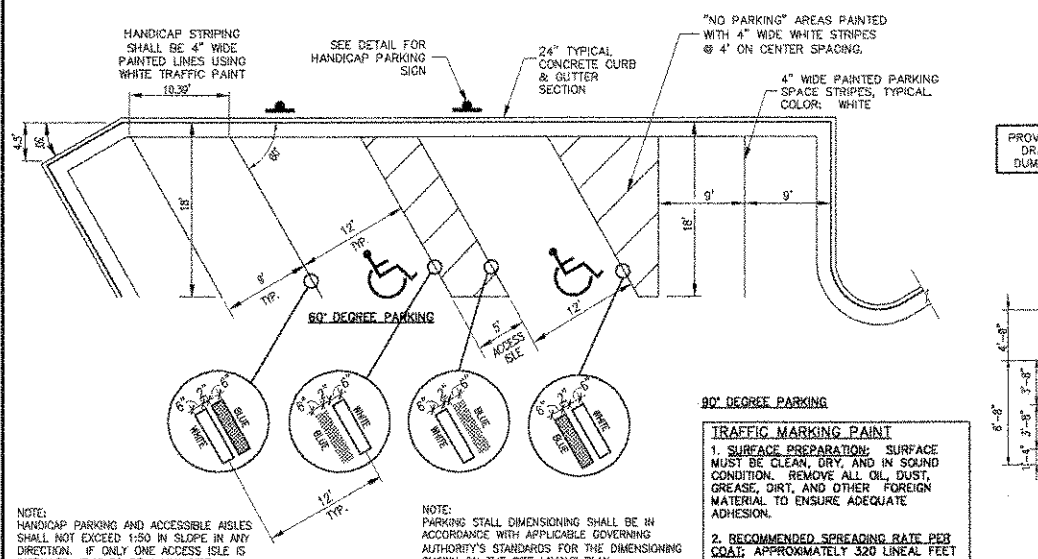
1 DIRECTIONAL ARROW NOT TO SCALE
2 DRIVE-THRU GRAPHICS NOT TO SCALE



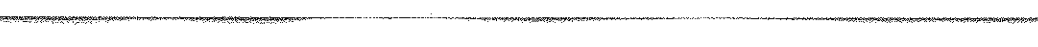
3 STOP LINE GRAPHIC NOT TO SCALE
4 PAINTED HANDICAP SYMBOL NOT TO SCALE



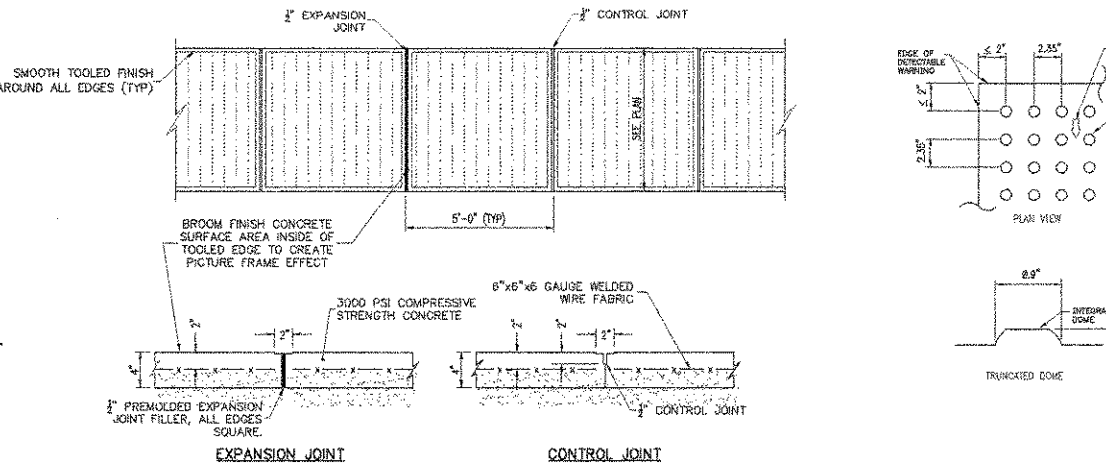
7A HANDICAP RAMP w/ FLARED SIDES NOT TO SCALE



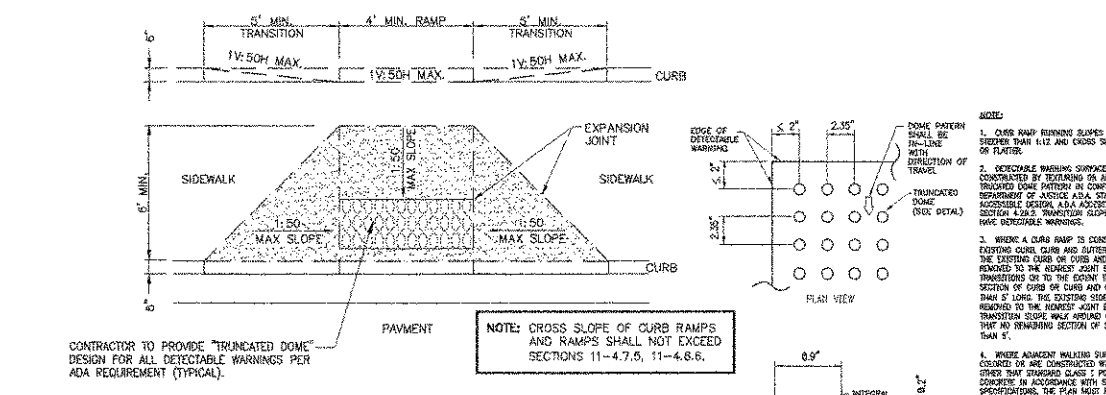
7 SIDEWALK HANDICAP RAMP DETAIL NOT TO SCALE



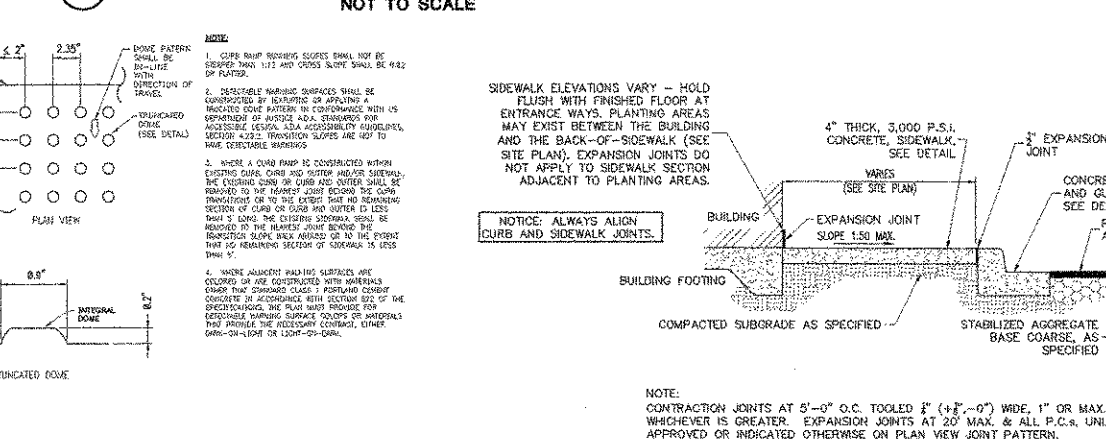
10 STANDARD PARKING STALL NOT TO SCALE



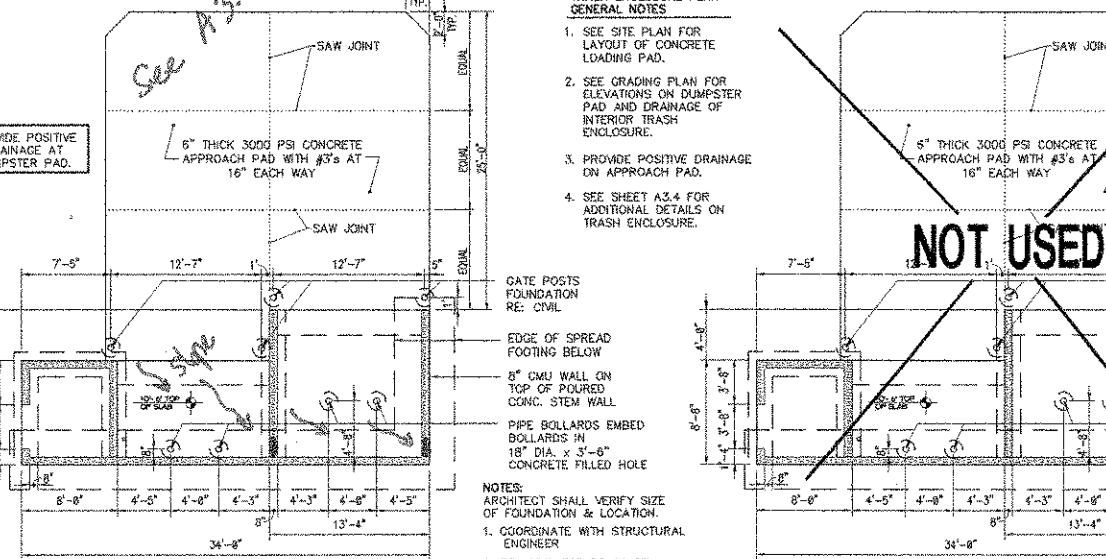
5 TYPICAL CONCRETE SIDEWALK NOT TO SCALE



7B HANDICAP RAMP w/ FLARED SIDES NOT TO SCALE



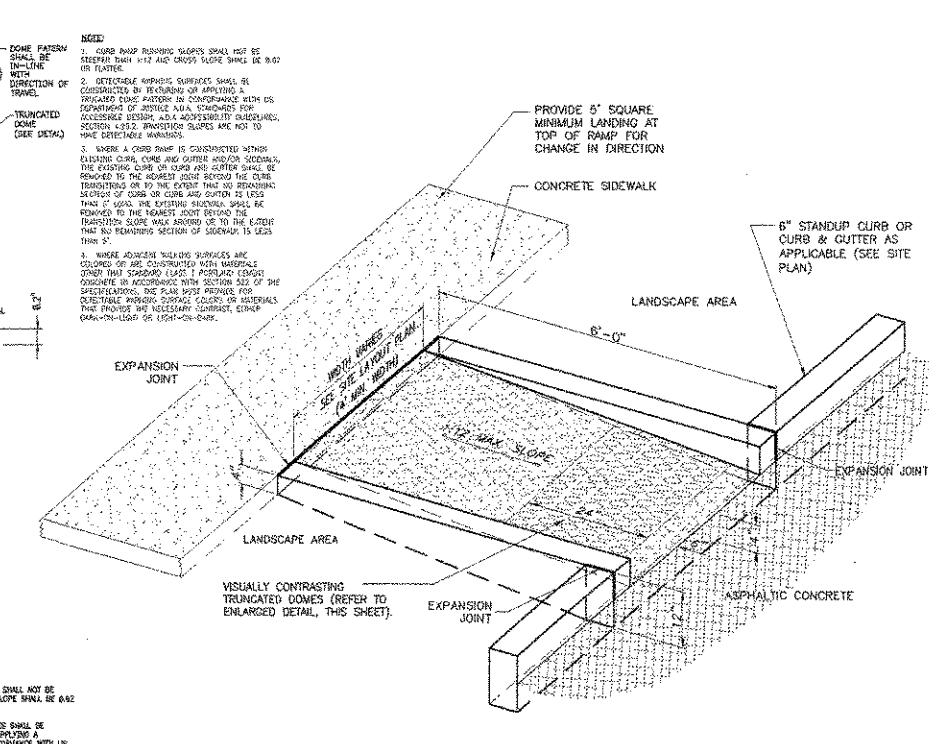
8 SIDEWALK WITH CURB & GUTTER SECTION NOT TO SCALE



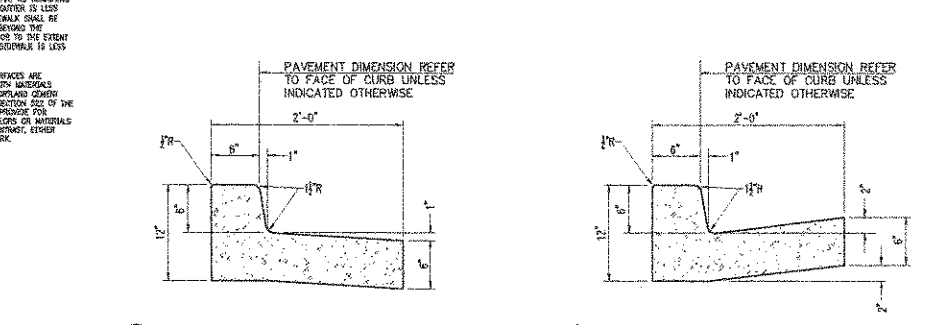
11 REFUSE ENCLOSURE FOUNDATION PLAN NOT TO SCALE



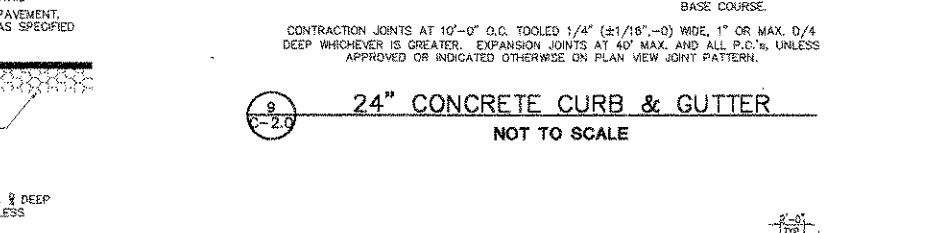
12 REFUSE ENCLOSURE ALTERNATE DRAINAGE PLAN NOT TO SCALE



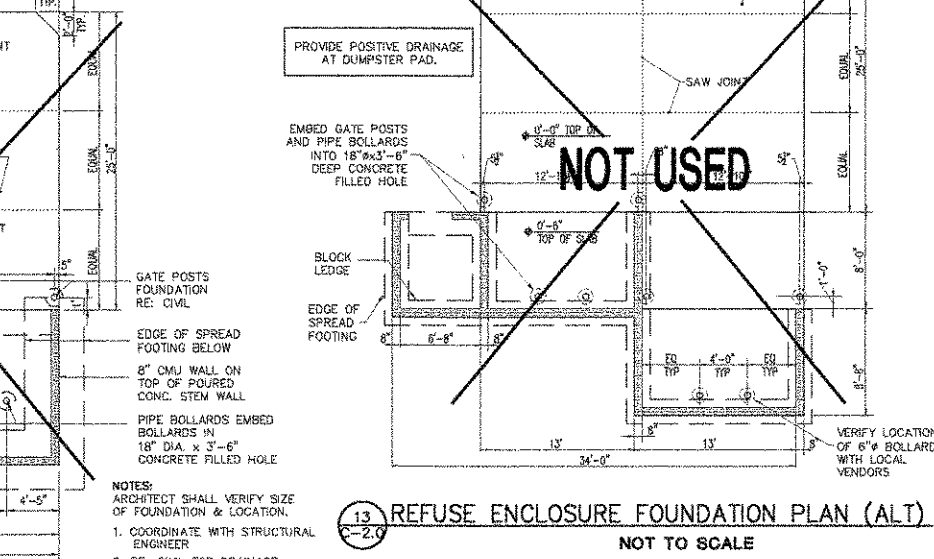
6 RETURNED CURB HANDICAP RAMP NOT TO SCALE



9A SPILLING CURB AND GUTTER
9B CATCHING CURB AND GUTTER



9 24" CONCRETE CURB & GUTTER NOT TO SCALE



13 REFUSE ENCLOSURE FOUNDATION PLAN (ALT) NOT TO SCALE



5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark	Date	By
△		
Mark	Date	By
△		
Mark	Date	By
△		

Seal

ROBERT ZIEGENFUSS, P.E.
FL. REC. #56752

AA 004320
CA 6660
030 LEE ROAD, WEST PALM BEACH, FLORIDA 33410
PH 407.645.8008
FX 407.629.9124

INTERPLAN
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES S03-A
Dolphin Village
4623 Gulf Blvd.
St. Pete Beach
FLORIDA

SHEET TITLE
CFA STANDARD
DETAILS

DWG EDITION 04.6

Preliminary
 80% Submittal
 For Construction

Job No. : 2004.0055

Store : 1740

Date : 05/13/04

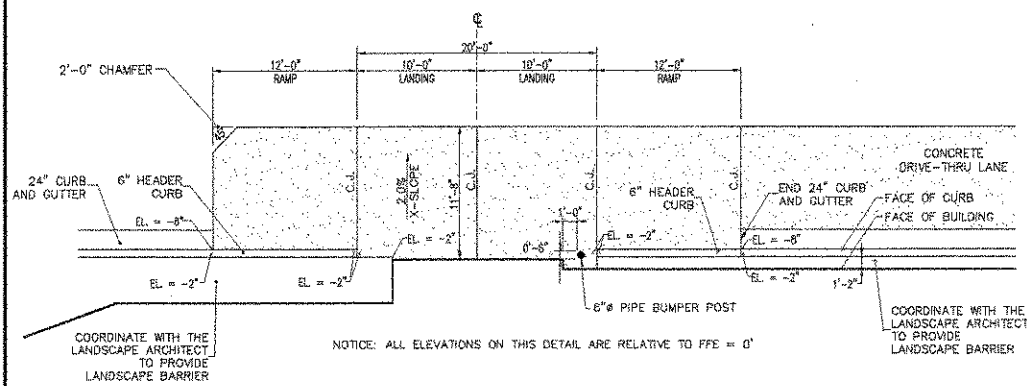
Drawn By : MJ

Checked By : RA

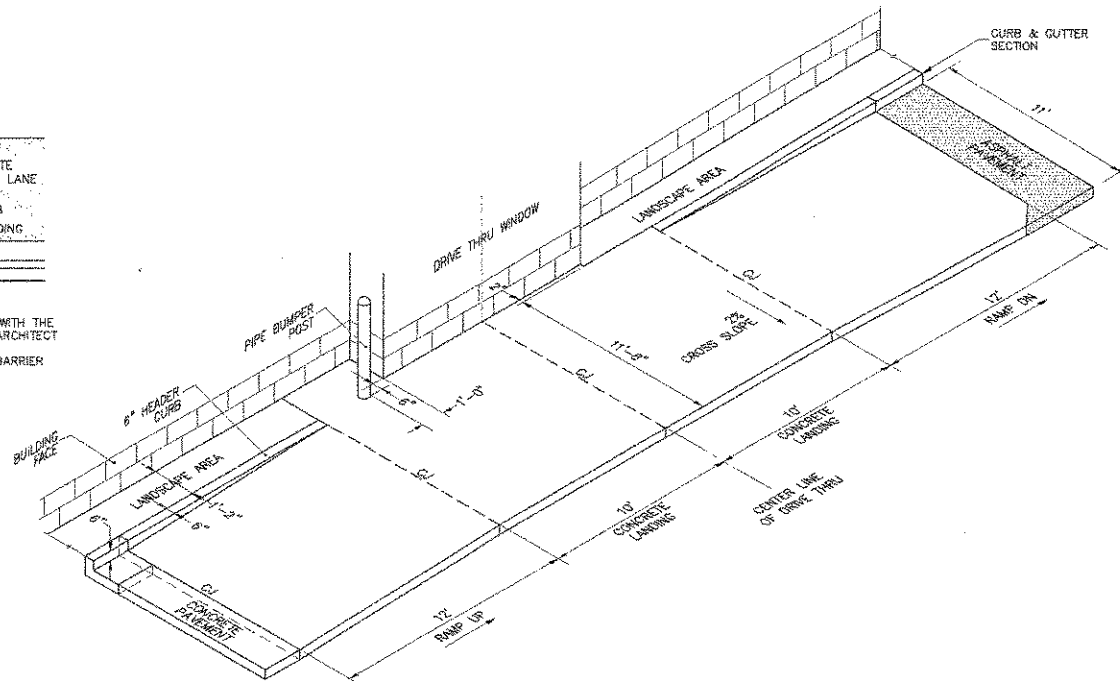
Sheet

C-4.0

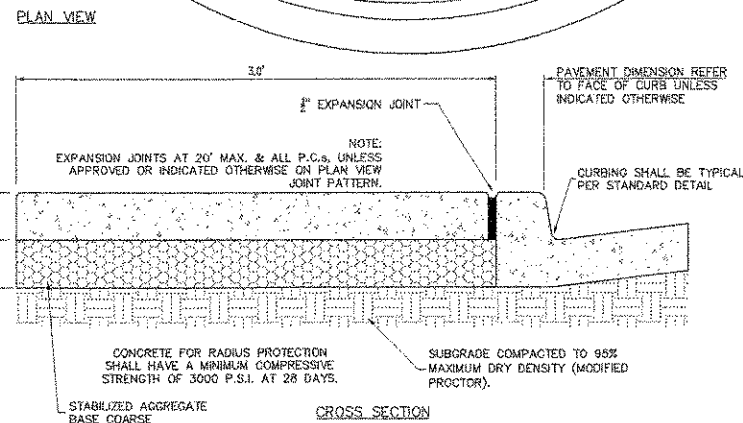
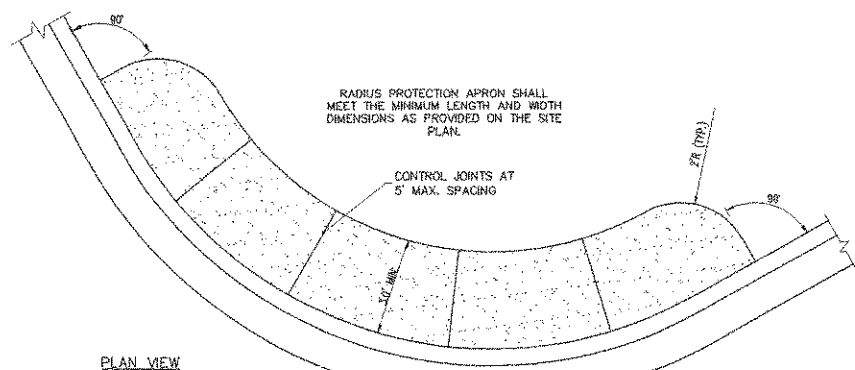
FOR CONSTRUCTION



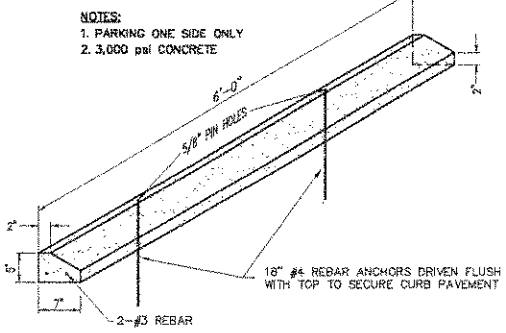
14 DRIVE-THRU PLAN
NOT TO SCALE



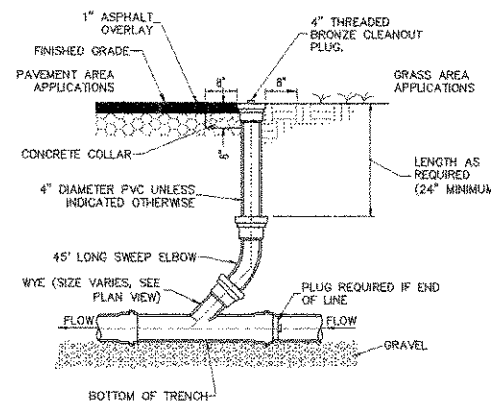
15 DRIVE-THRU ISOMETRIC
NOT TO SCALE



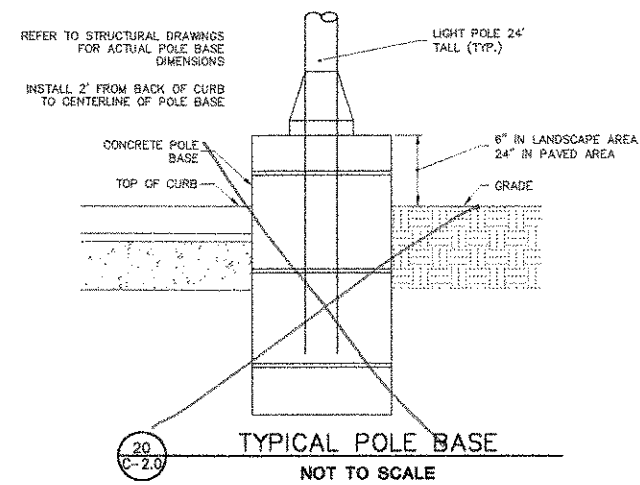
17 LANDSCAPE & IRRIGATION PROTECTOR
NOT TO SCALE



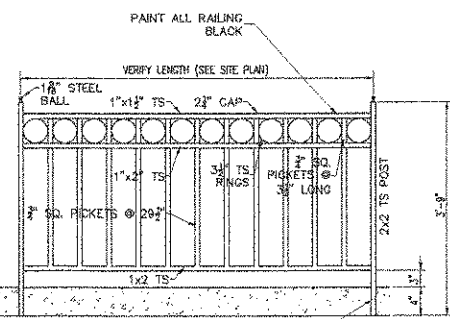
18 CONCRETE WHEEL STOP
NOT TO SCALE



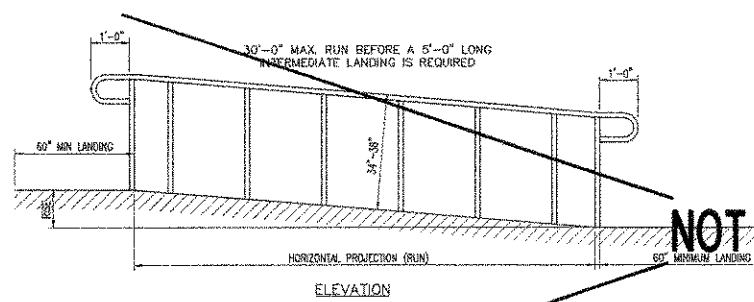
19 SERVICE LINE CLEANOUT
NOT TO SCALE



20 TYPICAL POLE BASE
NOT TO SCALE



21 HANDRAIL ELEVATION
NOT TO SCALE



22 TYPICAL ADA RAMP AND HANDRAIL
NOT TO SCALE

MAX. RISE/RUN FOR ACCESSIBLE RAMPS		
SLOPE	MAXIMUM RISE	MAXIMUM HORIZONTAL PROJECTION
1:12 TO < 1:16	30 INCHES	20 FEET
1:16 TO < 1:20	30 INCHES	40 FEET

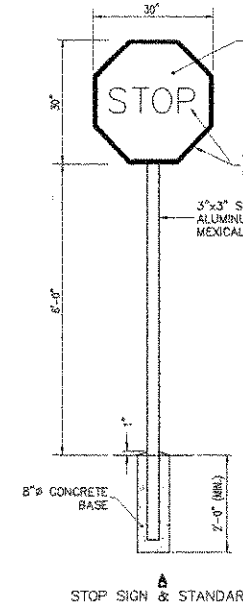
RAMPS SECTION 4.8.1 - 4.8.3
 **ANY PART OF AN ACCESSIBLE ROUTE WITH A SLOPE GREATER THAN 1:20 SHALL BE CONSIDERED A RAMP AND SHALL COMPLY WITH 4.8."
 **"THE LEAST POSSIBLE SLOPE SHALL BE USED FOR ANY RAMP."
 **"THE MINIMUM CLEAR WIDTH OF A RAMP SHALL BE 36".
 **"SEE MAXIMUM RISE/RUN CHART FOR ACCEPTABLE SLOPES."

LANDINGS SECTION 4.8.4
 *LEVEL LANDINGS WILL BE PROVIDED AT TOP AND BOTTOM OF EACH RAMP. LANDING LENGTH SHALL BE MIN. 60" AND BE AS WIDE AS RAMP MIN. 36".
 *IF RAMP CHANGES DIRECTION LANDING WILL BE MIN. 60"x60".
 *IF A DOORWAY IS LOCATED AT A LANDING, THEN THE AREA IN FRONT OR THE DOORWAY SHALL COMPLY WITH 4.13.6"

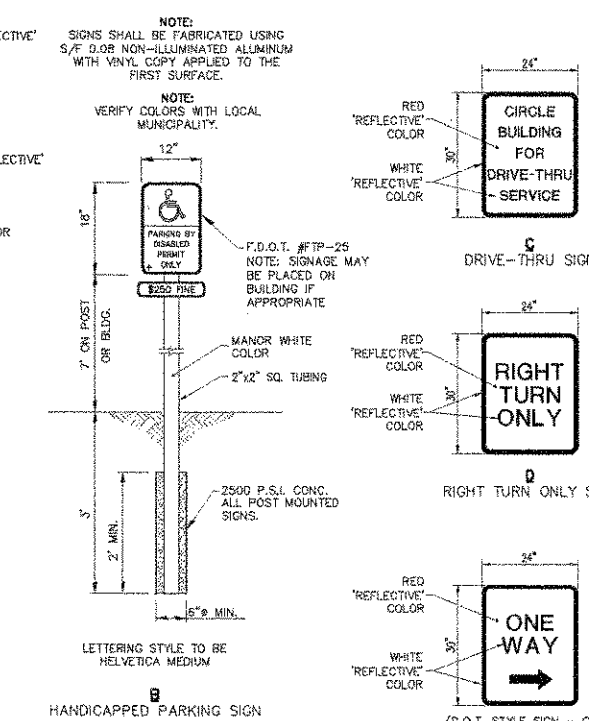
HANDRAILS SECTION 4.8.5 AND 4.26
 *A RAMP HAS A RISE GREATER THAN 8" OR A HORIZONTAL PROJECTION GREATER THAN 72", THEN IT SHALL HAVE HANDRAILS ON BOTH SIDES.
 *HANDRAIL WILL BE CONSTRUCTED OF WELDED STEEL PIPE - GRIND SMOOTH AND PAINT TO MATCH DARK BRONZE.

CROSS SLOPE SECTION 4.8.6, 4.3.
 *THE CROSS SLOPE OF RAMP SURFACES SHALL BE NO GREATER THAN 1:50.
 *NOWHERE SHALL THE CROSS SLOPE OF AN ACCESSIBLE ROUTE EXCEED 1:50.

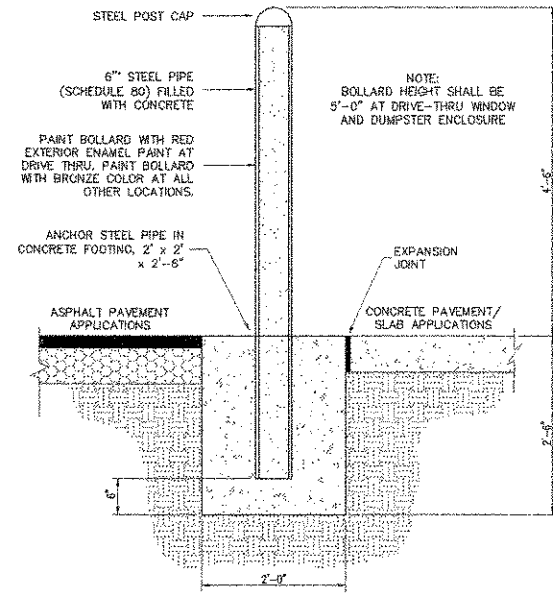
NOT USED



STOP SIGN & STANDARD MOUNTING POST



16 DIRECTIONAL SIGNAGE
NOT TO SCALE



23 PIPE BUMPER POST
NOT TO SCALE

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:
 Mark Date By
 △ _____
 △ _____
 △ _____

Seal

ROBERT ZIEGENFUSS, P.E.
FL. REG. #56752

AA 004920
CA 0460
933 LEE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32810
PH 407 648 5008
FX 407 629 9124

INTERPLAN
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES S03-A
Dolphin Village
4623 Gulf Blvd.
St. Pete Beach
FLORIDA

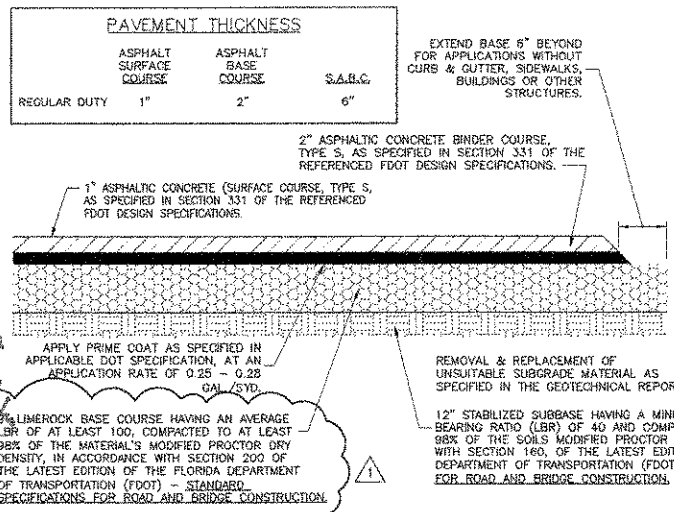
SHEET TITLE
CFA STANDARD
DETAILS

DWG EDITION 04.6
 Preliminary
 80% Submittal
 For Construction

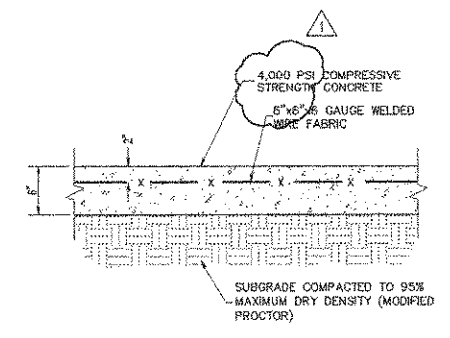
Job No. : 2004.0055
 Store : 1740
 Date : 05/13/04
 Drawn By : M.J.
 Checked By : RA

Sheet
C-4.I

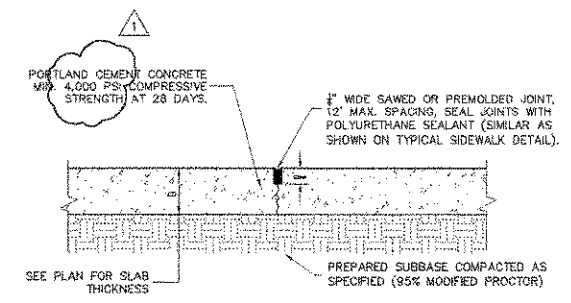
FOR CONSTRUCTION



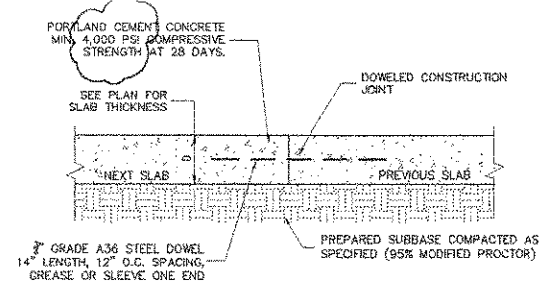
24 TYPICAL PAVEMENT SECTION
NOT TO SCALE



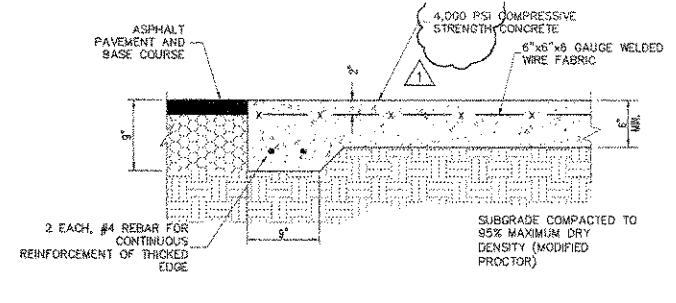
28 CONCRETE PAVING DRIVE-THRU LANE
NOT TO SCALE



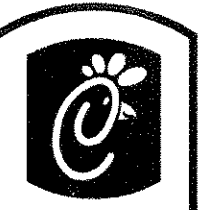
25 TRANSVERSE AND LONGITUDINAL CONTRACTION JOINT
NOT TO SCALE



26 TRANSVERSE AND LONGITUDINAL DOWELED CONSTRUCTION JOINT
NOT TO SCALE



27 CONCRETE APRON @ TRASH ENCLOSURE
NOT TO SCALE



Chick-fil-C
5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark	Date	By
1	10-26-04	J.R.
CLIENT & ENGINEER'S REVISION		

Seal

ROBERT ZIEGENFUSS, P.E.
FL. REG. #56752

AA 004920
CA 0660
938 LEE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32810
PH 407.445.5008
FX 407.629.9124

INTERPLAN
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES S03-A
Dolphin Village
4623 Gulf Blvd.
St. Pete Beach
FLORIDA

SHEET TITLE
CFA STANDARD
DETAILS

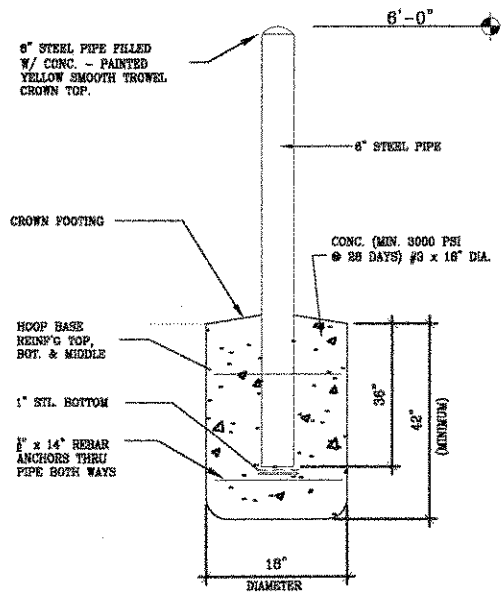
DWG EDITION 04.6
 Preliminary
 80% Submittal
 For Construction

Job No. : 2004.0055
Store : 1740
Date : 05/13/04
Drawn By : MJ
Checked By : RA

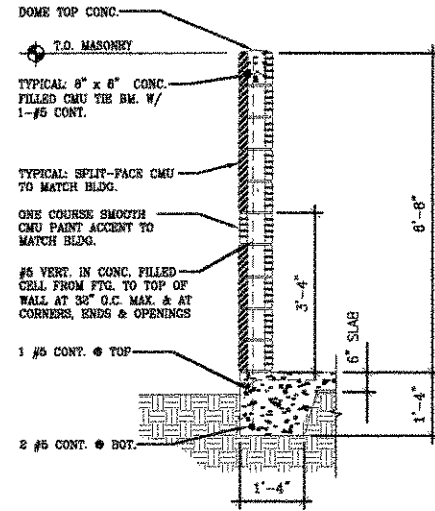
Sheet

C-4.2

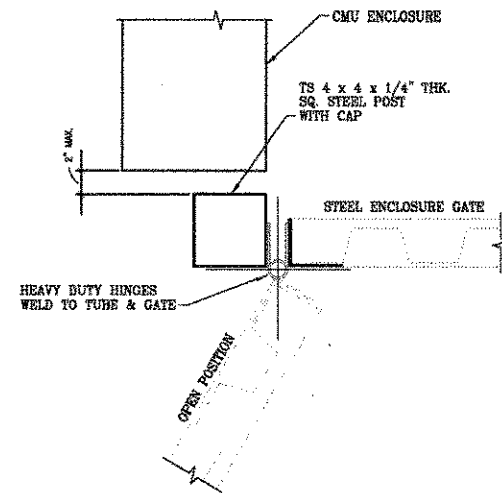
FOR CONSTRUCTION



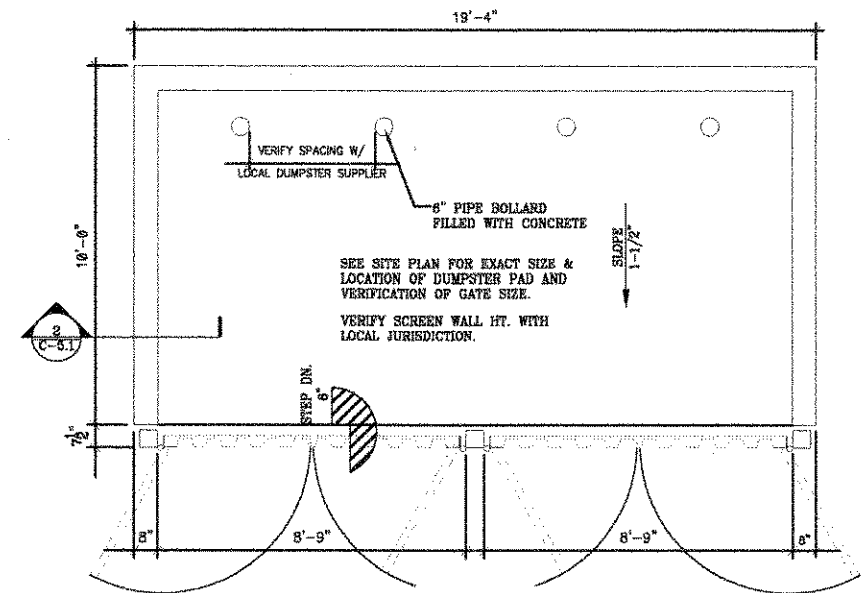
1 TYPICAL PIPE BOLLARD SECTION
C-5.1/SC: 1/2"-1'-0"



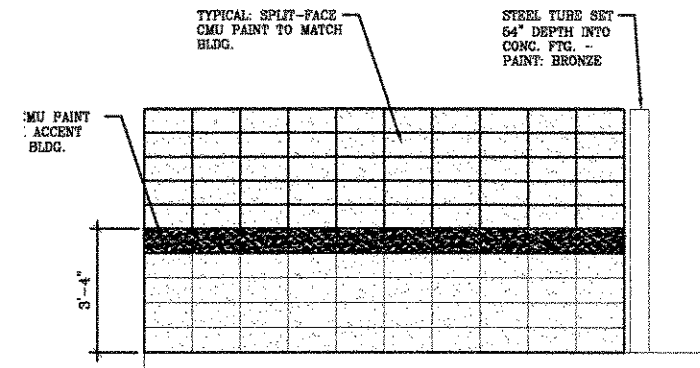
2 DUMPSTER WALL SECTION
C-5.1/SC: 1/2"-1'-0"



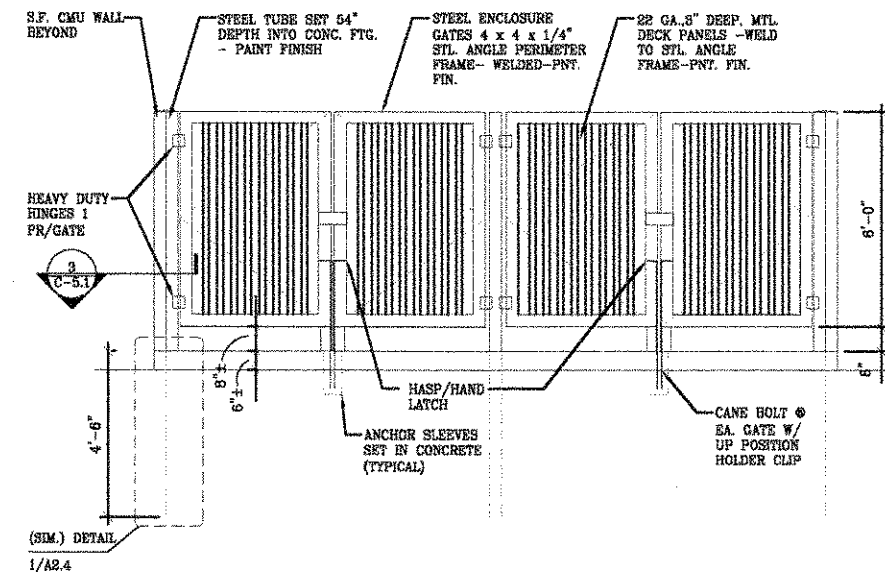
3 GATE POST DETAIL
C-5.1/SC: N.T.S.



4 PLAN & GATE POST DETAIL
C-5.1/SC: N.T.S.



7 SIDE ELEVATION DUMPSTER ENCL.
C-5.1/SC: N.T.S.



8 GATE ELEVATION DUMPSTER ENCL.
C-5.1/SC: N.T.S.

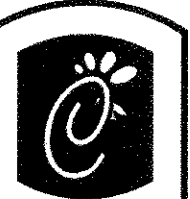
5 NOT USED
SC: -

6 NOT USED
SC: -

9 NOT USED
SC: -

Bennigan's Dumpster

FOR CONSTRUCTION



Bennigan's

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark Date By

△

Mark Date By

△

Mark Date By

△

Seal

ROBERT ZIEGENFUSS, P.E.
FL. REG. #58752

AA 004520
CA 6640
935 LEE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32810
FL 407-863-9124

INTERPLAN
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES S03-A
Dolphin Village
4623 Gulf Blvd.
St. Pete Beach
FLORIDA

SHEET TITLE
BENNIGAN'S
DUMPSTER PLAN
and DETAILS

DWG. EDITION 04.6

Preliminary
 80% Submittal
 For Construction

Job No. : 2004.0055

Store : 1740

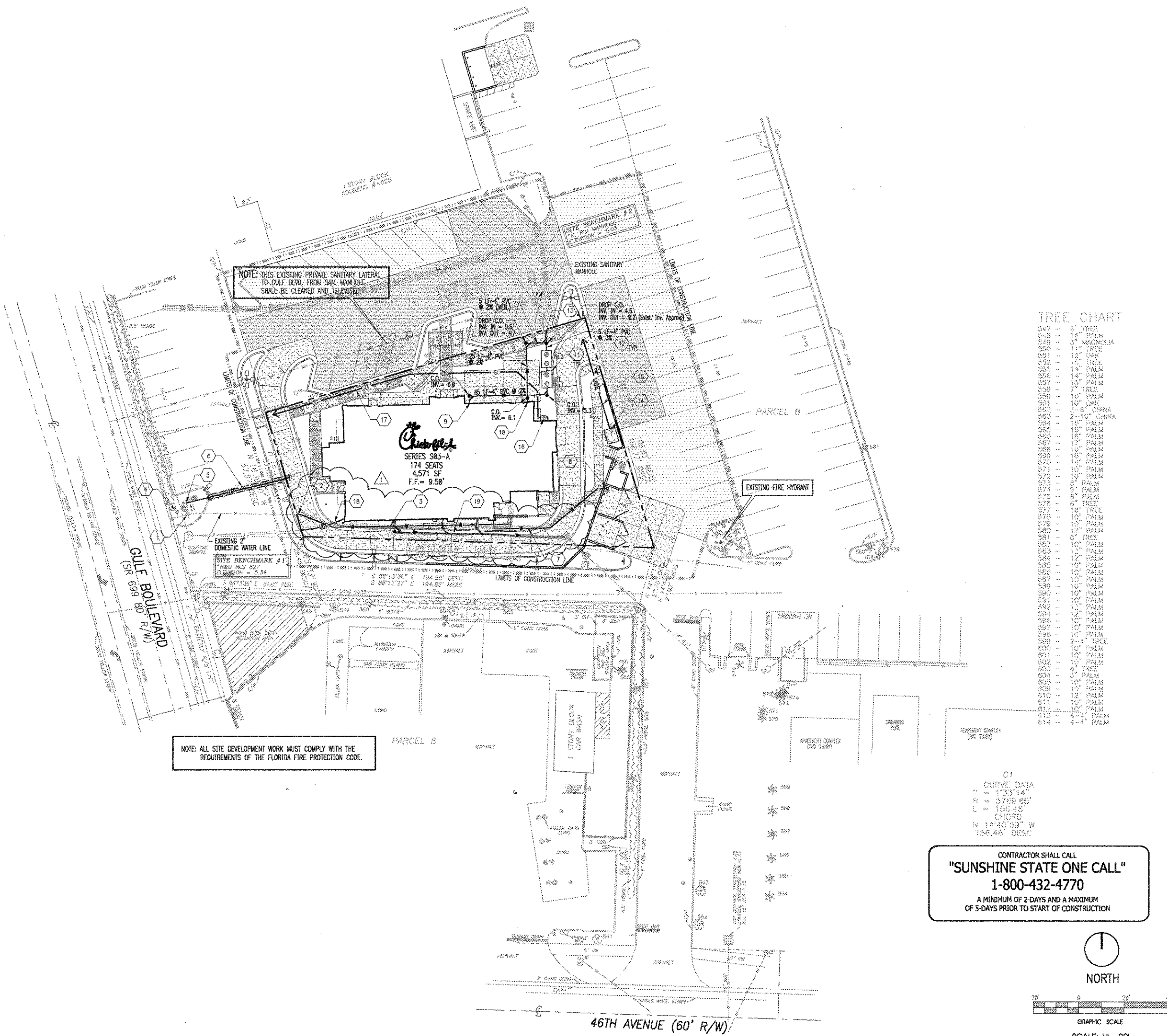
Date : 05/13/04

Drawn By : MJ

Checked By : RA

Sheet

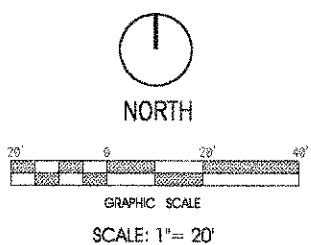
C-5.1



TREE CHART

547	8" TREE
548	10" PALM
549	12" MAGNOLIA
550	14" TREE
551	16" TREE
552	18" TREE
553	18" PALM
554	14" PALM
555	10" PALM
556	10" PALM
557	10" PALM
558	10" PALM
559	10" PALM
560	10" PALM
561	10" PALM
562	10" PALM
563	10" PALM
564	10" PALM
565	10" PALM
566	10" PALM
567	10" PALM
568	10" PALM
569	10" PALM
570	10" PALM
571	10" PALM
572	10" PALM
573	10" PALM
574	10" PALM
575	10" PALM
576	10" PALM
577	10" PALM
578	10" PALM
579	10" PALM
580	10" PALM
581	10" PALM
582	10" PALM
583	10" PALM
584	10" PALM
585	10" PALM
586	10" PALM
587	10" PALM
588	10" PALM
589	10" PALM
590	10" PALM
591	10" PALM
592	10" PALM
593	10" PALM
594	10" PALM
595	10" PALM
596	10" PALM
597	10" PALM
598	10" PALM
599	10" PALM
600	10" PALM
601	10" PALM
602	10" PALM
603	10" PALM
604	10" PALM
605	10" PALM
606	10" PALM
607	10" PALM
608	10" PALM
609	10" PALM
610	10" PALM
611	10" PALM
612	10" PALM
613	10" PALM
614	10" PALM

CONTRACTOR SHALL CALL
"SUNSHINE STATE ONE CALL"
 1-800-432-4770
 A MINIMUM OF 2-DAYS AND A MAXIMUM
 OF 5-DAYS PRIOR TO START OF CONSTRUCTION



PLAN NOTES

- 1 EXISTING 1 1/2" DOMESTIC WATER METER AND BACKFLOW PREVENTER ASSEMBLY.
- 2 CONNECT PROPOSED 2" TYPE "K" COPPER DOMESTIC WATERLINE TO EXISTING 2" WATER LINE.
- 3 NEW 2" TYPE "K" COPPER DOMESTIC WATER SERVICE INTO BUILDING.
- 4 EXISTING 1 1/2" IRRIGATION WATER METER AND BACKFLOW PREVENTER ASSEMBLY.
- 5 CONNECT PROPOSED 1 1/2" IRRIGATION LINE TO EXISTING 1 1/2" IRRIGATION LINE.
- 6 1 1/2" IRRIGATION LINE (REFER TO IRRIGATION PLAN FOR CONTINUATION).
- 7 3/4" TYPE "K" COPPER COLD WATER LINE TO DUMPSTER POST HYDRANT.
- 8 3/4" NON-FREEZE POST HYDRANT (SEE PLUMBING PLAN FOR EXACT LOCATION).
- 9 4" PVC GREASE LINE FROM BUILDING AT 2% MINIMUM SLOPE
- 10 4" PVC SANITARY LINE FROM BUILDING AT 2% MINIMUM SLOPE
- 11 TWO (2) - 750 GALLON GREASE TRAPS

GREASE TRAP No. 1	GREASE TRAP No. 2
TOP OF COVER = 9.20	TOP OF COVER = 9.20
INV. IN = 5.2	INV. IN = 4.9
INV. OUT = 5.0	INV. OUT = 4.7

GREASE TRAP SIZING FORMULA:
 PER FLORIDA PLUMBING CODE 2001,
 EFFECTIVE CAPACITY OF GREASE = (S) x (GS) x (HR/12) x (LF)
 INTERCEPTOR IN GALLONS
 Where: S = Number of seats in dining area
 GS = Gallons of waste water per seat
 HR = Number of hours restaurant is open
 LF = Length of line
 (Use 25 gallons for restaurants with china dishes and/or automatic dishwasher)
 (Use 18 gallons for restaurants with paper or bamboo and no dishwasher)
 (Use 200 substitute highway, 1.50 other dike and/or automatic dishwasher)
 (Use 1.25 recreational area, 1.00 main highway, 0.75 other highway)
 GREASE TRAP SIZE = (178) x (10) x (4/12) x (1.00) = 1,983 Gallons
 1,983 - (25%)/406 = 1,487 Gallons (For Public System)
 USE TWO (2) - 750 GALLON GREASE TRAPS (IN SERIES).

- 12 SANITARY SEWER PIPE TO BE SDR 35, SIZE, LENGTH AND SLOPE AS SPECIFIED.
- 13 CONNECT PROPOSED TWO (2) 4" PVC (USING A DOUBLE "WYE") TO EXISTING 6" PVC LATERAL AND PROVIDE DROP CLEAN-OUT.
- NOTE: CONTRACTOR SHALL FIELD VERIFY INVERT OF EXISTING 6" PVC LATERAL PRIOR TO START OF CONSTRUCTION. REPORT TO ENGINEER IF ANY CONFLICT EXISTS.
- 14 PAD MOUNTED TRANSFORMER (BY FLORIDA POWER AND LIGHT) AND BOLLARDS.
- 15 CONTRACTOR SHALL COORDINATE UNDERGROUND ELECTRIC SERVICE CONNECTION WITH PROGRESS ENERGY FOR CONDUIT SIZE AND BURIED DEPTH REQUIREMENT. PRIMARY SERVICE TO THE TRANSFORMER IS PROVIDED BY THE POWER COMPANY.
- 16 GAS METER BY GAS COMPANY.
- 17 CONTRACTOR SHALL COORDINATE NEW UNDERGROUND GAS SERVICE CONNECTION WITH TECO PEOPLES GAS.
- 18 CONTRACTOR SHALL COORDINATE NEW UNDERGROUND TELEPHONE SERVICE CONNECTION WITH VERIZON. THE CONTRACTOR IS RESPONSIBLE FOR FURNISHING AND INSTALLING A TWO (2") INCH PVC CONDUIT WITH PULL STRING INSTALLED FROM POINT OF SERVICE TO R.O.W. LINE.
- 19 PROPOSED STORM DRAINAGE LINE (REFER TO GRADING PLAN, SHEET C-3.0).

UTILITY TESTING AND DISINFECTING NOTES

HYDROSTATIC PRESSURE AND LEAKAGE TESTS SHALL BE CONDUCTED ON ALL NEWLY INSTALLED WATER DISTRIBUTION SYSTEM PRESSURE PIPES AND APPURTENANCES. THE TESTS SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF ANWA C680 OR M23 AS APPLICABLE.

DISINFECTING OF THE WATER DISTRIBUTION SYSTEM SHALL BE PERFORMED IN ACCORDANCE WITH ANWA C651 DISINFECTING WATER MAINS.

THE CONTRACTOR SHALL MAKE PROVISIONS TO PROTECT THE ACTIVE EXISTING MAIN FROM BACKFLOW CONTAMINATION DURING FILLING, FLUSHING, AND TESTING OF THE NEW MAIN, AS SPECIFIED IN ANSI/ANWA C651-99.

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark	Date	By
1	10-28-04	J.R.
CLIENT & ENGINEER'S REVISION		
Mark	Date	By

Seal

ROBERT ZIEGENFUSS, P.E.
FL. REG. #66752

AA 004920
CA 8660
933 LEE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32810
PH 407 648 5208
FX 407 629 9124

INTERPLAN
 ARCHITECTURE
 ENGINEERING
 INTERIOR DESIGN
 PROJECT MANAGEMENT

STORE
 SERIES S03-A
 Dolphin Village
 4623 Gulf Blvd.
 St. Pete Beach
 FLORIDA

SHEET TITLE
 PLUMBING
 SITE PLAN

DWG EDITION 04.6

Preliminary
 80% Submittal
 For Construction

Job No. : 2004.0055
 Store : 1740
 Date : 05/13/04
 Drawn By : MJ
 Checked By : RA

Sheet

PS-I.O

FOR CONSTRUCTION



Chick-fil-A

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark	Date	By
1	6-7-04	KMD
City Comments New Site Plan		

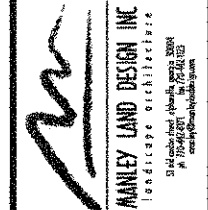
Mark	Date	By
2	7-19-04	KMD
New Site Plan		

Mark	Date	By
3	8-23-04	KMD
New Site Plan		

Mark	Date	By
4	8-31-04	KMD
New Site Plan		

Seal

WEY LAND SCAPING, INC.
500 West Cowley St.
Alpharetta, GA 30009
770-663-0020
770-663-4288 fax



STORE
DOLPHIN VILLAGE
ST PETE BEACH, FL

SHEET TITLE

Landscape
Plan

DWG EDITION ...

Preliminary
 80% Submittal
 For Construction

Job No. : 2004058

Store : _____

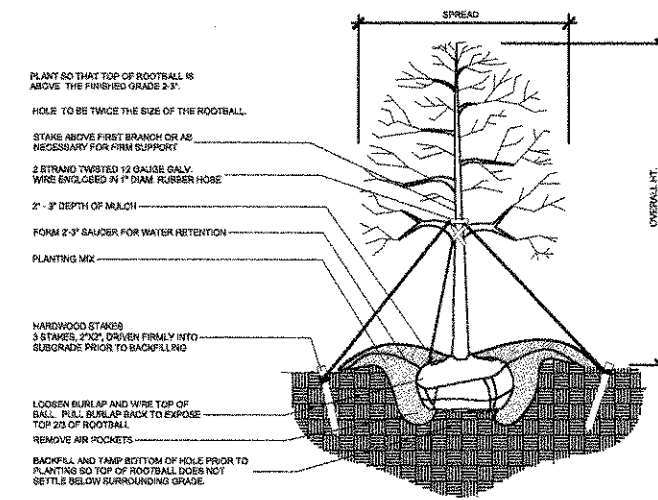
Date : 5-11-04

Drawn By : KMD

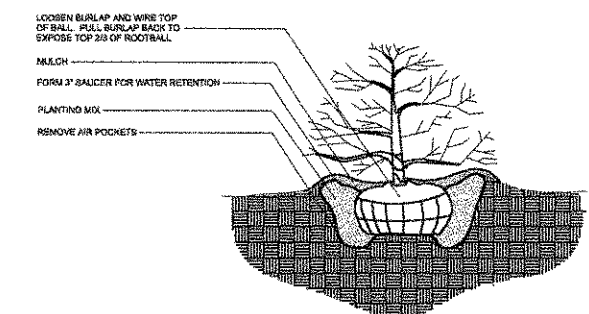
Checked By: SLM

Sheet

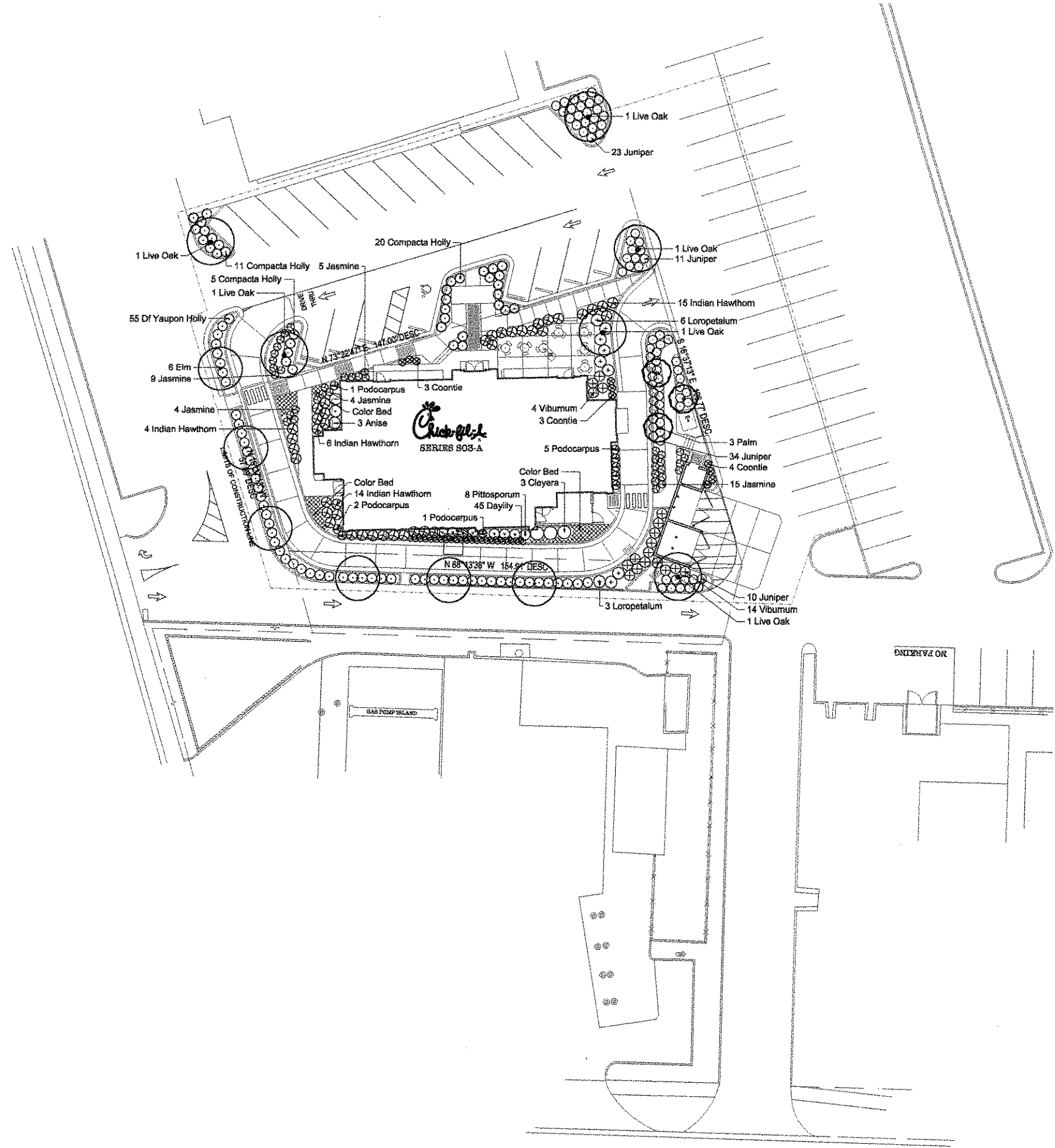
L-1.0



TREE PLANTING DETAIL
N.T.S.

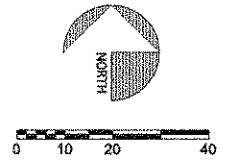


SHRUB PLANTING DETAIL
N.T.S.



PLANT LIST

Qty	Botanical Name	Common Name	Size and Specification
Trees			
6	Ulmus parvifolia	Chinese Elm	3" Cal. min.; 12' hgt. min.
3	Phoenix canariensis	Canary Island Date Palm	3" Cal. min.; 12' hgt. min.
6	Quercus virginiana	Live Oak	3" Cal. min.; 12' hgt. min.
Shrubs and Groundcover			
3	Cleyera japonica	Japanese Cleyera	3 Gal.
45	Hemerocallis	Daylily	1 Gal.
3	lilium arisatum	Anise	3 Gal.
36	Ilex cornuta 'Compacta'	Compacta Holly	3 Gal.
55	Ilex vomitoria 'nana'	Df Yaupon Holly	3 Gal.
37	Jasminum multiflorum	Pinwheel Jasmine	3 Gal.
78	Juniperus densurica	Parson's Juniper	3 Gal.
9	Loropetalum chinense rubrum 'Mon Raz'	Razzleberry Fringe Flower	3 Gal.
8	Pittosporum tobira 'Variegata'	Variegated Pittosporum	3 Gal.
9	Podocarpus macrophyllus	Japanese Yew	7 Gal.
39	Raphiolepis indica	Indian Hawthorn	3 Gal.
10	Zamia pumila	Coontie	1 Gal.
16	Viburnum odoratissimum	Sweet Viburnum	3 Gal.
Other			
160	Color Bed	seasonal	S.F.; Prep and Plant 10"o.c.





Chick-fil-A

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:
Mark Date By
1 6-7-04 KMD
City Comments
New Site Plan

Mark Date By
2 7-19-04 KMD
New Site Plan

Mark Date By
3 8-23-04 KMD
New Site Plan

Mark Date By
4 8-31-04 KMD
New Site Plan

Seal

NEY LAND SCAPING, INC.
500 West Tower Ct.
Alpharetta, GA 30022
770-663-0980
770-663-4680 fax

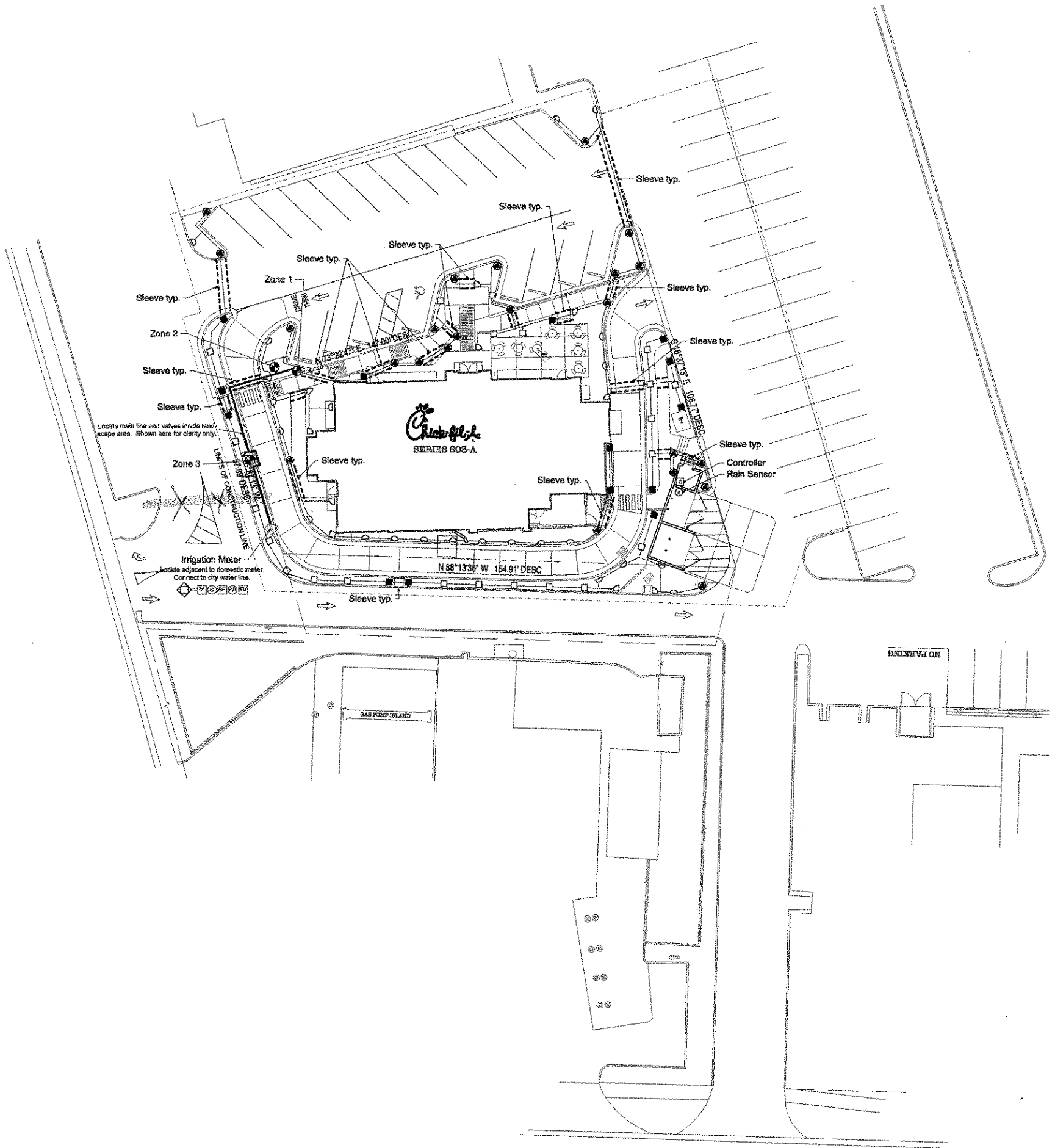
MANLEY LAND DESIGN, INC.
Landscape Architecture
3140 13th St., Suite 200
St. Petersburg, FL 33710
772-447-7200
www.manleylanddesign.com

STORE
DOLPHIN VILLAGE
ST PETE BEACH, FL

SHEET TITLE
Irrigation
Plan
DWG EDITION ...
 Preliminary
 80% Submittal
 For Construction

Job No. : 2004058
Store :
Date : 5-11-04
Drawn By : KMD
Checked By : SLM

Sheet
L-2.0



IRRIGATION LEGEND

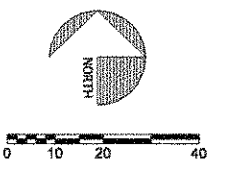
	1" IRRIGATION METER	
	1" MANUAL SHUTOFF VALVE	(1 REQUIRED)
	REQUIRED BACKFLOW PREVENTOR	
	1" PRESSURE REGULATOR	TORO PRV-150-HR-35 or EQUAL
	1" ELECTRICAL MASTER VALVE	(1 REQUIRED)
	SIDE STRIP SPRAY HEAD	TORO 570-4-SST or EQUAL
	END STRIP SPRAY HEAD	TORO 570-4-EST or EQUAL
	360 SPRAY HEAD - 10' RADIUS	TORO 570-10-F or EQUAL
	270 SPRAY HEAD - 10' RADIUS	TORO 570-10-TQ or EQUAL
	180 SPRAY HEAD - 10' RADIUS	TORO 570-10-H or EQUAL
	90 SPRAY HEAD - 10' RADIUS	TORO 570-10-Q or EQUAL
	VARIABLE SPRAY HEAD	TORO 570-V-15 or EQUAL
	360 SPRAY HEAD - 15' RADIUS	TORO 570-15-F or EQUAL
	270 SPRAY HEAD - 15' RADIUS	TORO 570-15-TQ or EQUAL
	180 SPRAY HEAD - 15' RADIUS	TORO 570-15-H or EQUAL
	90 SPRAY HEAD - 15' RADIUS	TORO 570-15-Q or EQUAL
	1" ELECTRIC VALVE	TORO 252-06-04 (3 REQUIRED)
	AUTOMATIC CONTROLLER	RAINBIRD ESP-12C or EQUAL 3 STATIONS
	RAIN SENSOR	TORO 850-74
	CLASS 200 PVC IRRIGATION PIPE AND FITTINGS	1" PIPE unless otherwise indicated on drawing
	4" CLASS 200 PVC SLEEVE UNDER PAVEMENT	installation of sleeves by contractor in location as shown on plan

IRRIGATION NOTES:

- IRRIGATION CONTRACTOR TO LOCATE AND PROTECT ALL UNDERGROUND UTILITIES PRIOR TO DIGGING.
- ALL VALVES TO BE LOCATED IN VALVE BOX WITH COVER AT GRADE. LOCATE BOX IN GRASS AREA WHEN POSSIBLE.
- AUTOMATIC CONTROLLER AND RAIN SENSOR TO BE LOCATED IN THE STORAGE ROOM TRASH ENCLOSURE RESPECTIVELY.
- 60 PSI REQUIRED PER ROTOR STATION. 40 PSI REQUIRED PER SPRAY STATION. FLOW ADJUSTMENTS CAN BE MADE AT THE ZONE'S VALVE TO COMPENSATE DIFFERENCE IN PSI.
- PRESSURE REGULATOR REQUIRED BY LOCAL CODE IF STATIC WATER PRESSURE AT POINT OF CONNECTION FOR SITE IS GREATER THAN 80 PSI.
- 4" CLASS 200 PVC SLEEVES TO BE LOCATED AS SHOWN ON DRAWING. EXTEND SLEEVE 18" BEYOND BACK OF CURB OR PAVEMENT. SLEEVES TO BE LOCATED AND EXPOSED BY THE GENERAL CONTRACTOR PRIOR TO START OF IRRIGATION INSTALLATION.
- POP UP HEIGHT OF SPRAY HEADS TO BE AS FOLLOWS: 4" IN TURF ZONES, 6" IN SHRUB ZONES, AND 12" IN SEASONAL/COLOR BEDS. ROTOR HEIGHT TO BE 4". NOZZLE SIZE IS INDICATED ON DRAWING.
- ALL PIPES, AUTOMATIC VALVES, BACKFLOW PREVENTOR, MANUAL VALVE AND METER TO BE LOCATED WITHIN PROPERTY LINES. SHOWN OUTSIDE ON DRAWING FOR CLARITY ONLY.
- IRRIGATION METER AND BACKFLOW PREVENTOR TO BE PROVIDED BY THE GENERAL CONTRACTOR.
- ALL MAIN LINES TO HAVE A MINIMUM OF 18" COVER (CLASS 200 PVC PIPE).
- ALL LATERAL AND SUB-MAIN PIPE TO HAVE A MINIMUM OF 12" AND A MAXIMUM OF 18" COVER.
- NO ROCKS, BOULDERS, OR OTHER EXTRANEIOUS MATERIALS TO BE USED IN BACKFILLING TRENCHES.
- ALL PIPE TO BE INSTALLED AS PER MANUFACTURERS SPECIFICATIONS.
- ALL THREADED JOINTS TO BE COATED WITH TEFLON TAPE OR LIQUID TEFLON.
- ALL LINES TO BE THOROUGHLY FLUSHED BEFORE INSTALLATION OF SPRINKLER HEADS.
- AN APPROVED EQUAL PRODUCT MAY BE SUBSTITUTED FOR THE SPECIFIED PRODUCT ON THIS DRAWING.
- EACH IRRIGATION ZONE WILL HAVE A RUN TIME OF APPROXIMATELY 10 MINUTES FOR 3 DAYS A WEEK.
- IRRIGATION CONTRACTOR SHALL PROVIDE AN AS BUILT DRAWING TO THE LANDSCAPE ARCHITECT. THIS DRAWING SHALL BE OVERNIGHTED TO MANLEY LAND DESIGN, INC WITHIN 24 HOURS OF COMPLETION OF INSTALLATION.

IRRIGATION ZONES

1.....	21.99	GPM
2.....	18.40	GPM
3.....	22.35	GPM

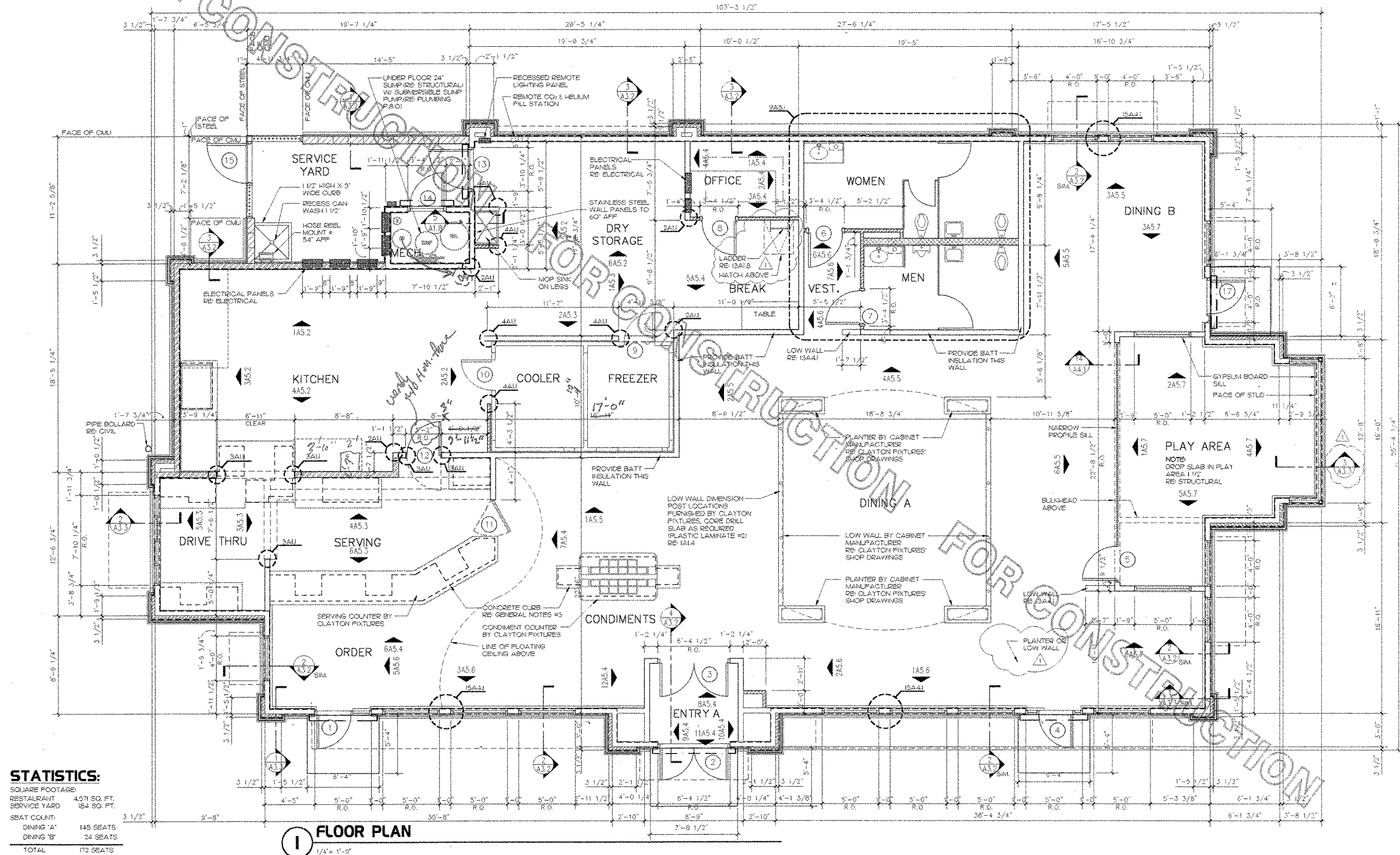
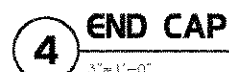


GENERAL NOTES:

- DIMENSIONS ARE FROM THE FACE OF STUD TO FACE OF STUD, AND OF FACE OF MASONRY (UNLESS OTHERWISE NOTED).
- ALL EXTERIOR WALLS TO BE POLISHED CONCRETE FROM FOOTING WITH WATERPROOFING TO 2'-6" AFF. (EL. 12.0 FT) AND 2X6 WOOD STUDS ABOVE 2'-6" AFF. STUCCO WILL BE APPLIED TO WATERPROOFED MASONRY AND FRAME WALL AS INDICATED IN ELEVATIONS.
- PROVIDE 5/8" HIGH CONCRETE CURBS FOR MILLWORK BY THE GENERAL CONTRACTOR (RE SHOP DRAWINGS FOR EXACT LOCATIONS & DIMENSIONS).
- REFER TO INTERIOR ELEVATIONS FOR WALL BLOCKING WITHIN WALLS FOR SHELVING, BRACKETS, GRINDING FIXTURES, ETC.
- FLAG POLE W/ BRUSHED ALUMINUM FINISH & BALL ON TOP SHALL BE 50" TALL, 10" DIAMETER AT BASE (UNLESS OTHERWISE NOTED IN CIVIL). REFER TO CIVIL FOR EXACT LOCATION.
- LIMITED COMBUSTIBLE CONSTRUCTION SHALL CONSIST OF 6" METAL STUDS (COORDINATE GAUGE W/ STRUCTURAL) & 1/2" GYPSUM BOARD ON EACH SIDE. LIMITED COMBUSTIBLE CONSTRUCTION SHALL BE USED WITHIN 15' BEHIND & UNDER ALL HOODS.
- PROVIDE 6" KRAFT FACED FIBERGLASS (R-19) BATT INSULATION AT FRAMED EXTERIOR WALLS AND 1/2" KRAFT FACED FIBERGLASS BALL BETWEEN FLOORING ON MASONRY PORTION OF EXTERIOR WALLS.
- REFER TO CIVIL DRAWINGS FOR LOCATIONS OF WALKS, BOLLARDS, LANDSCAPING AREAS, ETC.
- REFER TO INTERIOR ELEVATIONS FOR LOCATIONS AND TYPES OF CORNER GUARDS.
- PLANTERS SHALL BE PROVIDED BY VENDOR.
- FLOOD BARRIERS SHALL BE PROVIDED WITH HARDWARE & ANCHORS TO BE INSTALLED AT ALL EXTERIOR DOORS. BARRIERS SHALL PROVIDE A WATERPROOFING SEAL UP TO 2'-6" AFF. (EL. 12.0) AND DESIGNED TO MEET FEMA REQUIREMENTS. COMPLETE PRODUCT DATA AND INSTALLATION INSTRUCTIONS SHALL BE PROVIDED TO ARCHITECT & OWNER.
- ALL PLUMBING PENETRATIONS SHALL BE VALVED, SEALED AND DESIGNED TO MEET FEMA REQUIREMENTS. ELECTRICAL PENETRATIONS SHALL BE SEALED AND WATER-TIGHT CONDUIT TO MEET FEMA REQ. COMPLETE PRODUCT DATA AND INSTALLATION INSTRUCTIONS SHALL BE PROVIDED TO ARCHITECT & OWNER.

LEGEND:

- 2X6 WOOD STUD WALL
- 2X8 WOOD STUD WALL
- 6" METAL STUDS RE GENERAL NOTES #5
- 2X4 WOOD STUD WALL
- 8" CMU WALL
- 3" STONE VENEER
- POURED CONCRETE STEM WALL W/ WATERPROOFING UP TO 2'-6" AFF. (EL. 12.0 FT NSVD)
- REMOVABLE FLOOD BARRIER TO BE INSTALLED AT EA. DOOR FOR FLOOD PROTECTION TO 2'-6" AFF.



1 FLOOR PLAN
1/4" = 1'-0"

STATISTICS:

SQUARE FOOTAGE	
RESTAURANT	4571 SQ. FT.
SERVICE YARD	184 SQ. FT.
SEAT COUNT:	
DINING "A"	148 SEATS
DINING "B"	24 SEATS
TOTAL	172 SEATS

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark	Date	By
1	9/17/24	res
COORD. REVISIONS		

Mark Date By

Seal

INTERPLANE
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

AA 004320
CA 8460
9475 LEE ROAD, FIRST FLOOR
CANTON, MISSISSIPPI 39001
PH: 407.645.8208
FX: 407.609.9104

STORE SERIES
FSU 03-A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
FLOOR PLAN

DWG EDITION 03.8

Job No. : 2004.0255
Store : 1740
Date : 8/30/24
Drawn By :
Checked By :
Sheet

A-II

2 FINISH SCHEDULE LEGEND					
FLOOR	RUBBER FLOOR PROTECT-ALL SHEET FLOORING. COLOR: DARK GREY TEXTURE: SIDE UP *SEE NOTE #12	RUBBER BASE #1 (R2B #1) PROTECT-ALL 6" HIGH INTEGRAL COVERED BASE RE: 4A1.8 *SEE NOTE #12			
	CERAMIC TILE BASE #1 (CTB #1) DAL TILE, TERRA ANTIQUA SERIES, 6X12 WITH COVE BASE AND BULLNOSE COLOR - #TA-01 'ORO' *SEE NOTE #4, #10	CERAMIC TILE BASE #2 (CTB #2) DAL TILE, TERRA ANTIQUA SERIES, 6X12 WITH COVE BASE AND BULLNOSE COLOR - #TA-01 'ORO' *SEE NOTE #4, #10	CERAMIC TILE #1 (CT #1) DAL TILE, TERRA ANTIQUA SERIES, 12X 12 COLOR - #TA-01 'ORO' *SEE NOTE #4 & #10	DINING ROOM TILE GROUT TEC. SANDED COLOR - #941 RAVEN	
WALLS	CERAMIC TILE #1 DAL TILE, TERRA ANTIQUA SERIES, 6X6 COLOR - #TA-01 'ORO' *SEE NOTE #4, #9 & #10	CERAMIC TILE #2 DAL TILE, DM1 VERMILLION 4 1/4 X 4 1/4 TILE COLOR - VERMILLION RED *SEE NOTE #4	CERAMIC TILE #3 DAL TILE, DM1 VERMILLION, 6X6 BULLNOSE TILE COLOR - VERMILLION RED *SEE NOTE #4	WALL TILE GROUT TEC SANDED COLOR - #929 CHARCOAL GRAY	
	PAINT #1 SHERWIN WILLIAMS, #SW6099 'SAND DOLLAR' EGGSHELL ON DOORS, DOOR FRAMES & CEILINGS	PAINT #2 SHERWIN WILLIAMS, #SW6816 'TATAMI TAN' LITE TEXTURE ON WALLS RE: 6A1.2	PAINT #3 SHERWIN WILLIAMS, #SW6144 'DARTER TAN' EGGSHELL FINISH ON DOOR FRAMES LITE TEXTURE ON WALLS RE: 6A1.2	PAINT #4 SHERWIN WILLIAMS METALTEX, #B42R38 'SAFETY RED' SEMI-GLOSS	PAINT #5 - METAL SHERWIN WILLIAMS, DARK BRONZE BRONZETONE #504 - #B34T104 - INDUSTRIAL ENAMEL ULTRADEEP BASE (PRIME W/ PREP-RITE BONDING PRIMER #B61W50)
	PAINT #6 SHERWIN WILLIAMS, #SW7013 'IVORY LACE' EGGSHELL FINISH ON DOOR FRAMES RE: 6A1.2	FRP MARLITE P-198 BRIGHT WHITE 1/8" THICKNESS SEE NOTE #8	WINDOW BLINDS LEVELOR, #255 'MUSH-ROOM' 1" CONTRACT BLIND *SEE INTERIOR ELEV.		
	PLASTIC LAMINATE #1 WILSONART, #738-60 OCHRE ROSETTA	PLASTIC LAMINATE #2 WILSONART, #739-60 WINDSOR MAHOGANY	PLASTIC LAMINATE #3 WILSONART, #7062 CONGO SPRUCE	PLASTIC LAMINATE #4 NEVAMAR - EARTHSTONE EA-2-IT TOKLET PARTITIONS	
CEILINGS	CEILING TILE #1 ARMSTRONGS WORLD INDUSTRIES, WHITE W/ WHITE GRID 24" X 24" VINYL ROCK	CEILING TILE #2 ARMSTRONGS WORLD INDUSTRIES, WHITE W/ WHITE GRID 24" X 24" CORTEGA #704 ANGLED TEGLAR EDGE W/ INFINITY EDGE TRIM BY CHICAGO METALLIC - PREFINISHED PAINT #3 *SEE NOTE #5	CEILING TILE #3 ARMSTRONGS WORLD INDUSTRIES, WHITE W/ WHITE GRID 24" X 24" CORTEGA #704 ANGLED TEGLAR EDGE	PAINT #2 SHERWIN WILLIAMS, #SW6816 'TATAMI TAN' (EGGSHELL FINISH) RE: 6A1.2	PAINT #3 SHERWIN WILLIAMS, #SW7013 'IVORY LACE' (EGGSHELL FINISH) RE: 6A1.2
	SOLID SURFACE #1 1/2" GIBRALTAR QUARRY MELANGE WITH FROSTED WHITE BOWL (PROVIDED BY CLAYTON FIXTURES) - TOILET ROOMS	SOLID SURFACE #2 1/2" GIBRALTAR QUARRY MELANGE (PROVIDED BY CLAYTON FIXTURES)	SOLID SURFACE #3 1/2" GIBRALTAR MIDNIGHT MELANGE (PROVIDED BY CLAYTON FIXTURES)		

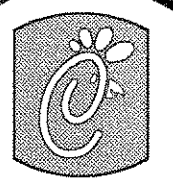
3 NOTES	
1.	THE PAINTING CONTRACTOR SHALL PAINT THE DOOR FRAMES USING A BRUSH COAT FOR THE FIRST COAT AND A ROLLER COAT AS THE FINISH COAT.
2.	CERAMIC TILE BASE TO HAVE FULL INSIDE AND OUTSIDE CORNERS - NO FINGER CORNERS ALLOWED.
3.	PROVIDE 1/2" WIDE BAND OF 1/2" MOISTURE RESISTANT GYPSUM BOARD AT BASE OF WALL IN KITCHEN. RE: INTERIOR ELEVATIONS GYPSUM BOARD SHALL BE 'DUROCK' BY U.S. GYPSUM OR 'DENSE-SHIELD' BY GEORGIA PACIFICANS * 1-800-433-7293.
4.	CERAMIC TILE - NATIONAL ACCOUNT - DAL TILE - CONTACT: KRISTY TAMPA * (770) 956-1231
5.	INFINITY CEILING TRIM - NATIONAL ACCOUNT - CHICAGO METALLIC - CONTACT: RON SCHWEITZER 1-800-523-7164 EXT. 4592
6.	CERAMIC TILE OUTSIDE CORNERS AT DINING, PROVIDE TRIM STRIP BY BLANKE, COLOR CARAMEL. CONTACT FOR BLANKE: KATHY PETTY 1-800-767-5055.
7.	LITTLE TIKES - CONTACT: JULIA WOODWARD * (404) 297-8960 SMALL BROTHERS PLAY FACILITY
8.	MARLITE - CONTACT: CHERYL COCHRAN * (404) 496-1234 (PRIMARY) BARBARA PETERS * (800) 241-7533 (SECONDARY) MICHAEL HAVRILLA (404) 691-6915 (THIRD)
9.	ADJUST TOP OF TILE AS REQUIRED TO INSTALL FULL WALL TILES.
10.	WHEN USING TERRA ANTICA TILE, PULL FROM MULTIPLE BOXES TO ENSURE PROPER COLOR VARIATION.
11.	CUT BULLNOSE OFF TO APPLY IN RESTROOMS.
12.	PROTECT-ALL FLOORING IS AVAILABLE FROM B & H COMMERCIAL SERVICES, INC. RALEIGH, NC. (919) 852-5279 AND SHALL BE INSTALLED BY A CERTIFIED INSTALLER. 16 GA. STAINLESS STEEL RINGS SHALL BE USED AROUND FLOOR DRAINS & CLEAN OUTS. FLOAT THE FLOOR WITH A 2 PART THIN SET AT ANY SLAB DEPRESSION TO AVOID PONDING. FOLLOW MANUFACTURERS WRITTEN INSTRUCTIONS. INSTALL FLOOR TEXTURE SIDE UP (UPSIDE DOWN UNLESS REQUIRED BY LOCAL HEALTH CODES).

4 TERMITE TREATMENT	
NATIONAL ACCOUNT TO PRE-TREAT SLABS TERMINIX, ACCOUNTANT REPRESENTATIVE, SHEILA VELASQUEZ 1-800-451-5011	
PROCEDURE 1. GENERAL CONTRACTOR SHALL CONTACT ACCOUNT REPRESENTATIVE 48 TO 72 HOURS BEFORE THE SLAB IS TO BE PLACED.	
2. PROVIDE THE PROJECT ADDRESS, CPA STORE NUMBER, SQUARE FOOTAGE OF AREA TO BE TREATED AND BILLING ADDRESS OF THE GENERAL CONTRACTOR.	
3. AFTER FINAL GRADING WORK HAS BEEN COMPLETED CONTACT THE ACCOUNT REPRESENTATIVE AND TERMINIX WILL TREAT THE PERIMETER OF THE BUILDING, PRIOR TO PLACEMENT OF SIDEWALKS	
4. TERMINIX WILL FORWARD A COPY OF THE TREATMENT CERTIFICATE TO CPA HOME OFFICE AND THE GENERAL CONTRACTOR.	

1 ROOM FINISH SCHEDULE								
ROOM NAME	FLOOR	BASE	WALLS				CEILING	REMARKS RE: INTERIOR ELEVATIONS FOR EXACT FINISH LOCATIONS
			FRONT (ENTRY A)	BACK	SIDE (DRIVE-THRU)	SIDE (PLAY AREA)		
ENTRY A	CERAMIC TILE #1	CERAMIC TILE BASE #1	PAINT #2	PAINT #2	PAINT #2	PAINT #2	PAINT #5	
DINING 'A'	CERAMIC TILE #1	CERAMIC TILE BASE #1	PAINT #2	PAINT #3	PAINT #2	PAINT #2	CEILING TILE #3	PROVIDE PAINT #3 ON WALLS OF ENTRY 'A' AS SHOWN
DINING 'B'	CERAMIC TILE #1	CERAMIC TILE BASE #1	PAINT #2	PAINT #2	PAINT #3	PAINT #2	CEILING TILE #3	
CONDIMENTS	CERAMIC TILE #1	CERAMIC TILE BASE #1	PAINT #3	PAINT #2	-	PAINT #3	CEILING TILE #2	PROVIDE PAINT #3 ON WALLS OF ENTRY 'A' AS SHOWN
ORDER AREA	CERAMIC TILE #1	CERAMIC TILE BASE #1	PAINT #2	-	PAINT #2	-	CEILING TILE #2	
PLAY AREA	PLAYGROUND INSTALLER	CERAMIC TILE BASE #1	PAINT #2	PAINT #2	PAINT #2	PAINT #2	CEILING TILE #3	LITTLE TIKES RE: NOTE #7 THIS SHEET
SERVING	RUBBER FLOOR	RUBBER BASE #1	-	C.T. #1 & #4	C.T. #1 & #4	C.T. #1 & #4	CEILING TILE #1	
DRIVE THRU	RUBBER FLOOR	RUBBER BASE #1	FRP	C.T. #1 & #4	C.T. #1	FRP	CEILING TILE #1	
KITCHEN	RUBBER FLOOR	RUBBER BASE #1	FRP & STAINLESS STEEL	FRP & STAINLESS STEEL	FRP & STAINLESS STEEL	FRP	CEILING TILE #1	RE: NOTE #3 THIS SHEET
DRY STORAGE	RUBBER FLOOR	RUBBER BASE #1	FRP	FRP	FRP & STAINLESS STEEL	FRP	CEILING TILE #1	RE: NOTE #3 THIS SHEET
OFFICE	RUBBER FLOOR	RUBBER BASE #1	FRP	FRP	FRP	FRP	CEILING TILE #1	
BREAK AREA	RUBBER FLOOR	RUBBER BASE #1	FRP	FRP	FRP	-	CEILING TILE #1	
COOLER	RUBBER FLOOR	RUBBER BASE #1	-	-	-	-	-	
FREEZER	-	-	-	-	-	-	-	
VESTIBULE	CERAMIC TILE #1	CERAMIC TILE BASE #1	PAINT #2	PAINT #2	PAINT #2	PAINT #2	CEILING TILE #3	
MEN	CERAMIC TILE #1	CERAMIC TILE BASE #2	C.T. #1 & #3 PAINT #2 ABOVE	C.T. #1 & #3 PAINT #2 ABOVE	C.T. #1 & #3 PAINT #2 ABOVE	C.T. #1 & #3 PAINT #2 ABOVE	PAINT #2	PROVIDE MOISTURE RESISTANT GYPSUM BOARD ON ALL WALLS. RE: NOTE #3 FOR PRODUCTS
WOMEN	CERAMIC TILE #1	CERAMIC TILE BASE #2	C.T. #1 & #3 PAINT #2 ABOVE	C.T. #1 & #3 PAINT #2 ABOVE	C.T. #1 & #3 PAINT #2 ABOVE	C.T. #1 & #3 PAINT #2 ABOVE	PAINT #2	PROVIDE MOISTURE RESISTANT GYPSUM BOARD ON ALL WALLS. RE: NOTE #3 FOR PRODUCTS
MECHANICAL	SEALED CONCRETE	CERAMIC TILE BASE #1	PAINT #6	PAINT #6	PAINT #6	PAINT #6	PAINT #6	
SERVICE YARD	SEALED CONCRETE	-	STUCCO #1	PAINT #5	PAINT #5	STUCCO #1	VINYL COATED FENCING	
REFUSE ENCLOSURE (STORAGE AREA)	SEALED CONCRETE	-	PAINT #1	PAINT #1	PAINT #1	PAINT #1	PAINT #1	ALL EXTERIOR WALLS & INTERIOR OF STORAGE - PAINT #1 INTERIOR WALLS OF REFUSE AREA - PAINT #5
REFUSE ENCLOSURE (DUMPSTER ENCLOSURE)	SEALED CONCRETE	-	PAINT #5	PAINT #5	PAINT #5	PAINT #5	OPEN	

5 GLASS SCHEDULE				
MARK	THICKNESS	TYPE	TINT	REMARKS
G1	1/4"	TEMPERED	CLEAR	
G2	1/4"	ANNEALED	ONEWAY GLASS	
G3	1/4"	LAMINATED	CLEAR	
G11	1/2"	TEMPERED	CLEAR	BUTT GLAZE
G21	1"	TEMPERED	CLEAR	INSULATED

6 PAINT SPECIFICATIONS	
11	THE WORK WILL CONSIST OF ALL PREPARATION, PAINTING, FINISHING WORK, CLEAN UP AND RELATED ITEMS NECESSARY TO COMPLETE WORK DESCRIBED IN THESE SPECIFICATIONS.
12	KEEP SURFACES DUST, DIRT AND DEBRIS FREE BEFORE AND DURING PAINTING.
13	NORMAL SAFETY AND 'WET PAINT' SIGNS, NECESSARY LIGHTING, ETC. SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH OSHA REQUIREMENTS WHILE THE WORK IS IN PROGRESS.
21	PRIME BARE DRYWALL WITH SHERWIN-WILLIAMS PREPRITE 200 INTERIOR LATEX PRIMER B28W200, USING BRUSH, ROLLER OR AIRLESS SPRAY APPLICATION * 200 PSI PRESSURE WITH A .017" TIP. ALLOW 4 HOURS DRYING TIME.
22	APPLY LITEX MIL-KIL BASE PAINT # 4765 - COLOR TO MATCH WALL COLOR - AS THE BASE COAT USING BRUSH, ROLLER OR AIRLESS SPRAY APPLICATION * 200 PSI PRESSURE WITH A .017" TIP. ALLOW 4 HOURS DRYING TIME BEFORE APPLYING A TEXTURE COAT. THIS PRODUCT SHOULD BE APPLIED AT A SPREAD RATE OF 200 SQ. FT. PER GALLON.
23	APPLY LITEX COMMERCIAL TEXTURE FINE #2015 - COLOR TO MATCH WALL COLOR - IN A SPLATTER PATTERN USING HOPPER GUN OR TEXTURE SPRAY EQUIPMENT. THE SIZE OF THE SPLATTER CAN BE ADJUSTED BY ADJUSTING THE ATOMIZING AIR ON THE SPRAY EQUIPMENT.
24	KNOCK DOWN PEAKS OF SPLATTERS BY DRAGGING A TROWEL ACROSS THE SPLATTER SURFACE. AS TROWEL PRESSURE INCREASES THE TEXTURE PROFILE WILL BECOME SHALLOWER. SEE SAMPLES PROVIDED BY CHICK-FIL-A. ALLOW 6 HOURS DRY TIME AFTER KNOCK DOWN AND BEFORE APPLYING TOP COAT.
25	TOP COAT THE ENTIRE SYSTEM USING SHERWIN-WILLIAMS EVERCLEAN INTERIOR LATEX SATIN A97 SERIES - COLOR TO MATCH WALL COLOR - USING BRUSH, ROLLER WITH A 1/2" NAP SOFT WOVEN ROLLER COVER OR AIRLESS SPRAY APPLICATION * 200 PSI PRESSURE WITH A .015 - .019" TIP. WHEN BRUSHING OR ROLLING, MAKE SURE FULL COVERAGE IS ACHIEVED IN BOTH THE HIGH AND LOW AREAS OF THE TEXTURE PROFILE.
NOTES - 1. ALL PRODUCTS SPECIFIED ABOVE, WITH THE EXCEPTION OF THE PREPRITE 200 LATEX PRIMER, MUST BE TINTED TO THE COLOR SPECIFIED BEFORE APPLICATION. CONTACT: STEVE KRUEGER WITH SHERWIN WILLIAMS - 678-261-6864 FOR TINTING PROCEDURES.	



Chick-fil-A

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark	Date	By
△		
△		
△		

Seal

AA 004320
CA 6660
933 LEE ROAD, FIRST FLOOR
GRANDD, FLORIDA 32810
PH 407.445.9028
FX 407.429.9124

INTERPLAN
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES
FSU 03--A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

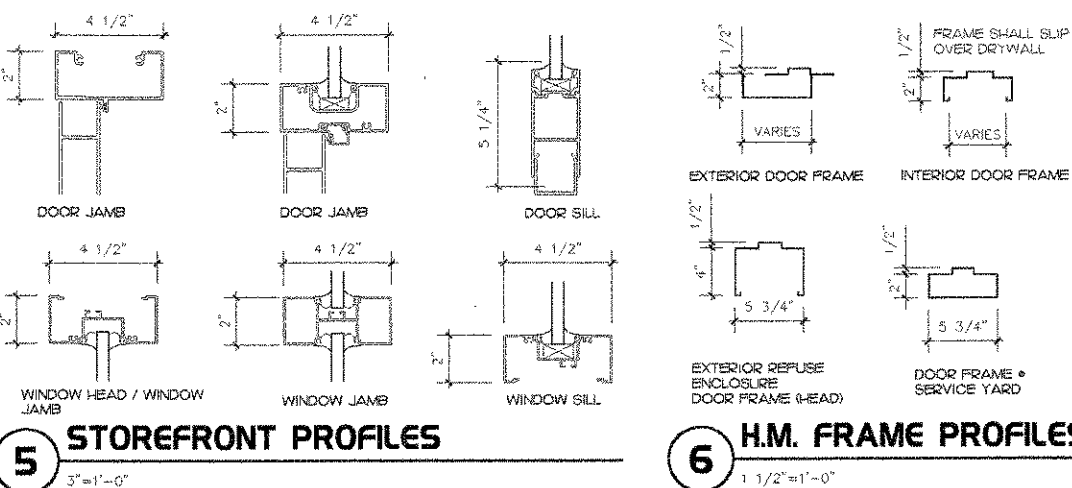
SHEET TITLE
FINISH
SCHEDULE

DWG EDITION 03.8

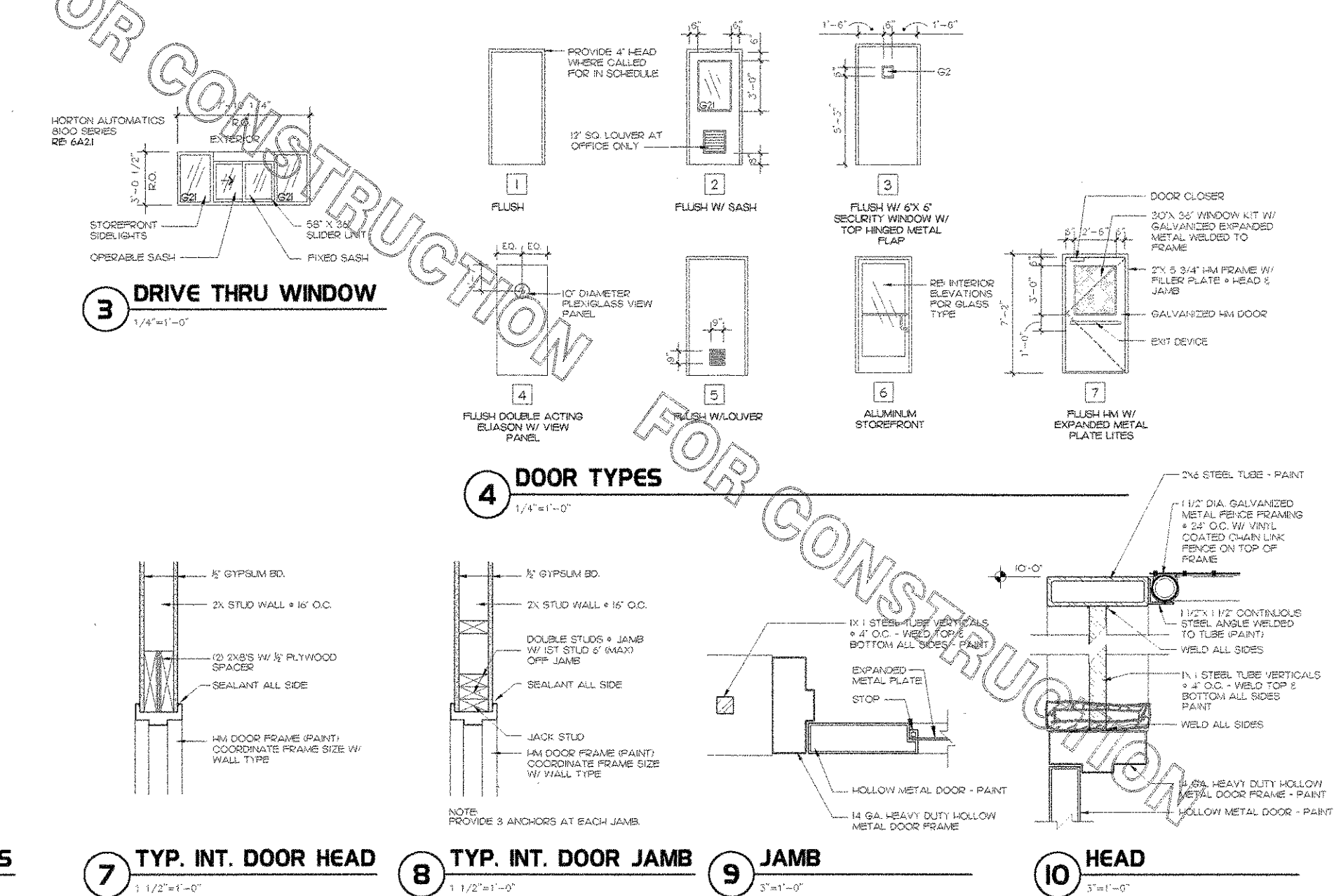
Job No. : 2004.0255
Store : 1740
Date : 8/30/04
Drawn By :
Checked By :
Sheet

A-12

SET	QTY.	ITEM	MANUFACTURER	MODEL NUMBER
1	1	DOOR PUSH	KAWNEER	CPI #40
1	1	DOOR PULL	KAWNEER	CO-9 (INSTALL ONE ON INSIDE OF DOOR)
1	1	DOOR CLOSER	LCN CLOSERS	#4041
1 SET		O/S PIVOTS	KAWNEER	451 BRONZE
1	1	DOOR SWEEP	KAWNEER	#200-795
NOTES: 1. PROVIDE CYLINDER BLANKS FOR DOORS NUMBER 3 & 5 2. DOUBLE QUANTITIES FOR DOORS 2 & 3				
1 1/2		HINGES (PAIR)	MCKINNEY MFG.	T4A3786 X 4 1/2 X 4 1/2 X US26D X NRP
1		SURFACE PIVOT	MARKAR PRODUCTS	1923PFC X RH
1		EXIT DEVICE	VON DUPRIN	99ML X ALUM X 48"
1		CYLINDER	SARGENT	34 X US26D
1		DOOR PULL	BUILDERS BRASSWORKS	2901 X US32D X TB (NO PLATE)
1		DOOR CLOSER	LCN CLOSERS	411N HUSH X ALUM X TB X RH
1		ARMOR PLATE	BUILDERS BRASSWORKS	37 X 40" X 34" X US32D X SMS
1		THRESHOLD	NATIONAL GUARD	425 X 48"
1		DOOR SWEEP	NATIONAL GUARD	200N X 48"
1 SET		WEATHERSTRIPPING	NATIONAL GUARD	160 X 1 1/2" X 48" - 2 / 84"
3		SILENCERS	BUILDERS BRASSWORKS	WO7
1		SECURITY WINDOW	A & J MANUFACTURING	#16L OF 3X 5" (INCLUDES MTL. FLAP)
1 1/2		HINGES (PAIR)	MCKINNEY MFG.	T42714 X 4 1/2 X 4 1/2 X US26D
1		PUSH PLATE	BUILDERS BRASSWORKS	47 X 6 1/2" X US32D
1		PULL PLATE	BUILDERS BRASSWORKS	47 X 29" X 4 1/2" X US32D
1		DOOR CLOSER	LCN CLOSERS	411N HUSH X ALUM X TB X RH
3		SILENCERS	BUILDERS BRASSWORKS	WO7
1		FLOOR STOP	BUILDERS BRASSWORKS	8063NX X US26D
CONT.		HINGES	TENKO	CMPB3 HD X ALUM X TB
1		EXIT DEVICE	VON DUPRIN	22NL X 2SP28 X 48 INON DOGGING
1		DOOR CLOSER	LCN CLOSERS	411N HUSH X ALUM X TB X RH
1		CYLINDER	SARGENT	34 X US26D
3		SILENCER	ROCKWOOD	608
5	1	FLOOR STOP	BUILDERS BRASSWORKS	F121 X US26D
1 1/2		HINGES (PAIR)	MCKINNEY MFG.	T42714 X 4 1/2 X 4 1/2 X US26D
1		LOCKSET	SARGENT	28-10605 X LL X US26D
1		DOOR CLOSER	LCN CLOSERS	4111 EDA X ALUM X TB X LH
2		ARMOR PLATE	BUILDERS BRASSWORKS	37 X 1/8" X 34" X US32D
1		THRESHOLD	NATIONAL GUARD	321 X 36" (TILE TO TILE TRANSITION)
1		KICKDOWN HOLDER	BUILDERS BRASSWORKS	871 X US26D
3		SILENCERS	BUILDERS BRASSWORKS	WO7
1 1/2		HINGES (PAIR)	MCKINNEY MFG.	T42714 X 4 1/2 X 4 1/2 X US26D X NRP
1		SURFACE PIVOT	MARKAR PRODUCTS	1923PFC X RH
1		LOCKSET	SARGENT	28-10604 X US10
1		LOOK GUARD	PRECISION HARDWARE	#1625NL X US32D, STAINLESS STEEL
1		THRESHOLD	NATIONAL GUARD	425 X 48"
1		DOOR SWEEP	NATIONAL GUARD	200N X 48"
1 SET		WEATHERSTRIPPING	NATIONAL GUARD	160 X 1 1/2" X 48" - 2 / 84"
3		SILENCERS	BUILDERS BRASSWORKS	WO7
1		DOOR CLOSER	LCN CLOSERS	411N HUSH X ALUM X TB X RH
1		DOOR CLOSER	LCN CLOSERS	#4041
1		TOE GUARD	NATIONAL GUARD	14RKB X 36"
2		DOOR PULL	KAWNEER	CO-9 0 = 24" AFF. PULL SIDE
2		DOOR PUSH	KAWNEER	CPI # = 24" AFF. PUSH SIDE
2		HINGE GUARD	KAWNEER	H-LCN #700 (PUSH SIDE) & H-LCN #750 (PULL SIDE)
1 1/2		HINGES (PAIR)	KAWNEER	450 BRONZE (BUTT)
3		HINGES (PAIR)	MCKINNEY MFG.	T4A3786 X 4 1/2 X 4 1/2 X US26D X NRP
1		LOCKSET	SARGENT	
1		THRESHOLD	NATIONAL GUARD	425 X 72"
1		DOOR SWEEPS	NATIONAL GUARD	200N X 48"
1		WEATHERSTRIPPING	NATIONAL GUARD	160 X 1 1/2" X 48" - 2 / 84"
1		HINGES	MCKINNEY MFG.	
1		LOCKSET	SARGENT	28-10604-LL X US26D
1		HINGE STOPS	BUILDERS BRASSWORKS	
1		DEAD BOLT	SARGENT	485 X US26D



NUMBER	DOOR					FRAME					REMARKS	
	SIZE	TYPE	MATERIAL	FINISH	HWD	MATERIAL	HEAD	JAMB	SILL	SIZE		FINISH
1	3'-0" X 7'-0" X 1-3/4"	6	ALUMINUM W/GLASS	RE STOREFRONT NOTES (A21)	SET #1	ALUM	1A41 SIM	2A41 SIM	4A14	4 1/2"	RE STOREFRONT NOTES (A21)	ADJUST CLOSER TO OPEN 95 DEG. MAX
2	PR 3'-0" X 7'-0" X 1-3/4"	6	ALUMINUM W/GLASS	RE STOREFRONT NOTES (A21)	SET #1	ALUM	1A41 SIM	2A41 SIM	4A14	4 1/2"	RE STOREFRONT NOTES (A21)	ADJUST CLOSER TO OPEN 95 DEG. MAX
3	PR 3'-0" X 7'-0" X 1-3/4"	6	ALUMINUM W/GLASS	RE STOREFRONT NOTES (A21)	SET #1	ALUM	4A41	-	-	4 1/2"	RE STOREFRONT NOTES (A21)	NO LOCKING DEVICE ON THESE DOORS
4	3'-0" X 7'-0" X 1-3/4"	6	ALUMINUM W/GLASS	RE STOREFRONT NOTES (A21)	SET #1	ALUM	1A41 SIM	2A41 SIM	4A14	4 1/2"	RE STOREFRONT NOTES (A21)	ADJUST CLOSER TO OPEN 95 DEG. MAX
5	3'-0" X 7'-0" X 1-3/4"	6	ALUMINUM W/GLASS	RE STOREFRONT NOTES (A21)	SET #5	ALUM	4A41 SIM	-	-	4 1/2"	RE STOREFRONT NOTES (A21)	UNDERCUT DOOR 2" FOR FOR TOE GUARD NO LOCKING DEVICE ON THIS DOOR
6	3'-0" X 6'-8" X 1-5/8"	1	S.C. WOOD	PLASTIC LAM. #1	SET #3	HM	7A13	8A13	-	4 1/2" THROAT	PAINT #3	ADJUST THICKNESS TO RECEIVE PLASTIC LAMINATE
7	3'-0" X 6'-8" X 1-5/8"	1	S.C. WOOD	PLASTIC LAM. #1	SET #3	HM	7A13	8A13	-	4 1/2" THROAT	PAINT #3	ADJUST THICKNESS TO RECEIVE PLASTIC LAMINATE
8	3'-0" X 6'-8" X 1-3/4"	2	HM	PAINT #6	SET #6	HM	7A13	8A13	-	4 1/2" THROAT	PAINT #6	
9	-	-	-	-	SET #5	-	-	-	-	-	-	SUPPLIED BY FREEZER/COOLER MANUFACTURER
10	-	-	-	-	SET #6	-	-	-	-	-	-	SUPPLIED BY FREEZER/COOLER MANUFACTURER
11	15'-1/4" X 12'-8 1/2"	-	WOOD	SEE CFX SHOP DRAWINGS	-	-	-	-	-	-	-	BY CABINET MANUFACTURER
12	3'-0" X 6'-8" X 3/4"	4	ELIASON DOOR	BRUSHED STAINLESS STEEL	SET #5	STAINLESS STEEL	3A11 SIM	3A11 SIM	-	7 1/2" THROAT	STAINLESS STEEL	FRAME CONSISTS OF STAINLESS STEEL CHANNEL WRAPPED AROUND JAMB - RE 3A11 SIM
13	3'-6" X 7'-0" X 1-3/4"	3	HM	EXTERIOR PAINT #1 INTERIOR PAINT #6	SET #2	HM	2A14	3A14	4A14	6 3/4"	EXTERIOR PAINT #1 INTERIOR PAINT #6	
14	3'-0" X 6'-8" X 1-3/4"	1	HM	PAINT #1	SET #9	HM	2A14	3A14	4A14	6 3/4"	PAINT #1	
15	3'-6" X 7'-0" X 1-3/4"	7	HM	PAINT #1	SET #4	HM	10A13	9A13	-	5 3/4"	PAINT #1	
16	NOT USED	-	-	-	-	-	-	-	-	-	-	PROVIDE EXPOSED METAL PLATE LITES PANIC HARDWARE ON INSIDE AND KEY ACCESS ON OUTSIDE
17	3'-0" X 7'-0" X 1-3/4"	6	ALUMINUM W/GLASS	RE STOREFRONT NOTES (A21)	SET #4	ALUM	1A41 SIM	2A41 SIM	4A14	4 1/2"	RE STOREFRONT NOTES (A21)	ADD ALARM TO PANIC DEVICE
18	24" X 36"	1	HM	PAINT TO MATCH STUCCO	SET #10	HM	3A22	-	4A22	4 1/2"	PAINT #6	HM ATTIC ACCESS DOOR
19	24" X 36"	1	HM	PAINT TO MATCH STUCCO	SET #10	HM	3A22	-	4A22	4 1/2"	PAINT #6	HM ATTIC ACCESS DOOR
20	3'-0" X 7'-0" X 1-3/4"	5	HM	PAINT #1	SET #7	HM	11A34	12A34	4A14	7 3/4"	PAINT #1	LOCATED IN STORAGE ROOM AT REFUSE ENCLOSURE



Chick-fil-A
5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark	Date	By
△	9/17/04	rep
△		COORD REVISIONS

Mark Date By

△

Mark Date By

△

Mark Date By

△

Seal

AA 04320
CA 8640
983 LEE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32810
PH 407.629.9198
FX 407.629.9124

INTERPLAN
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE SERIES FSU 03-A

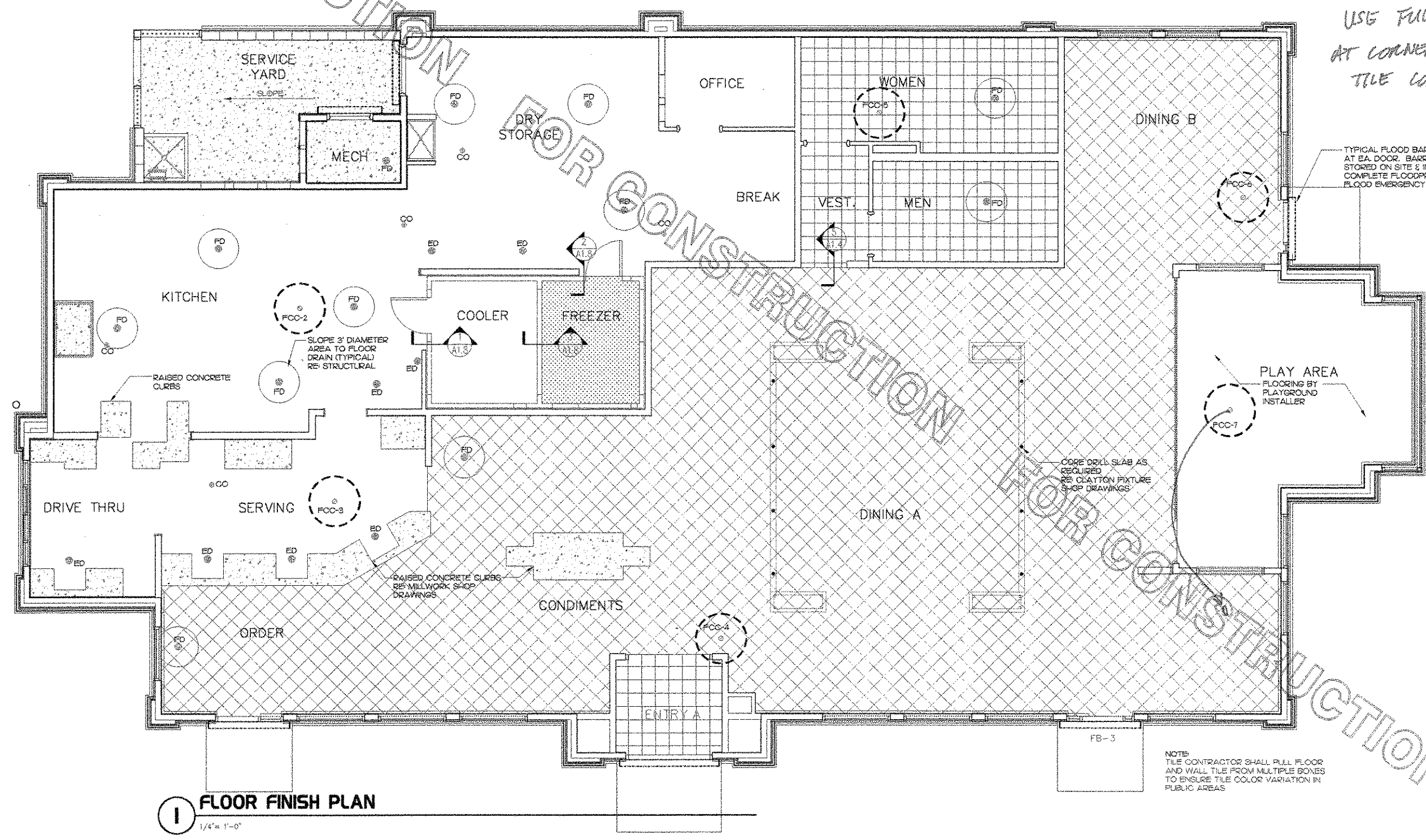
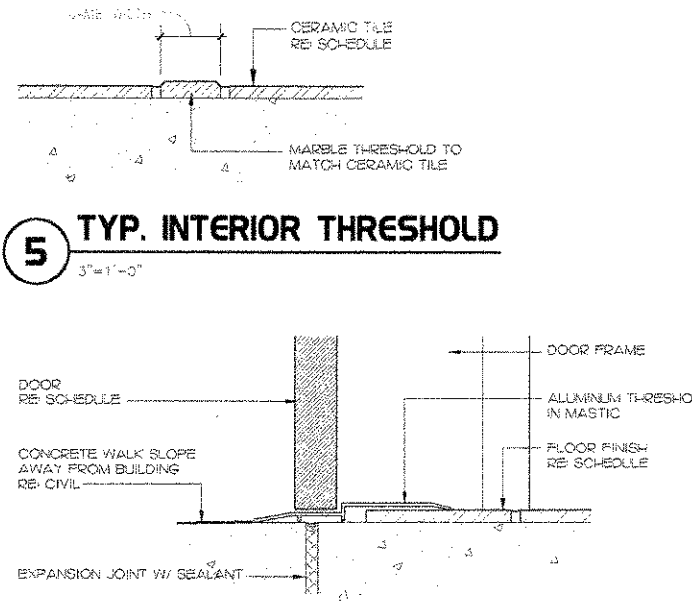
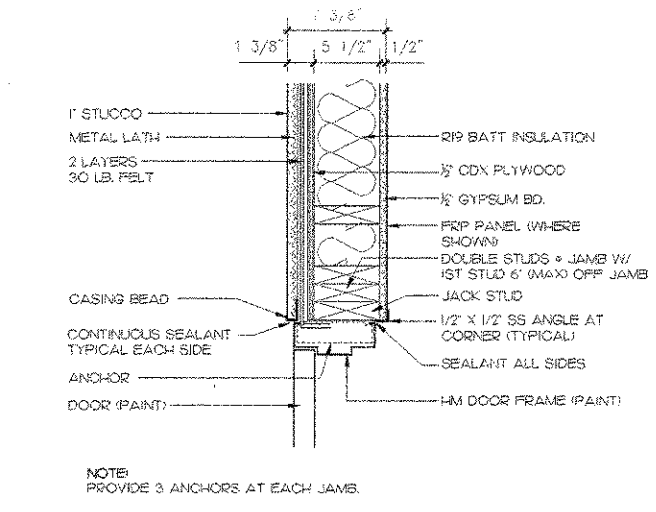
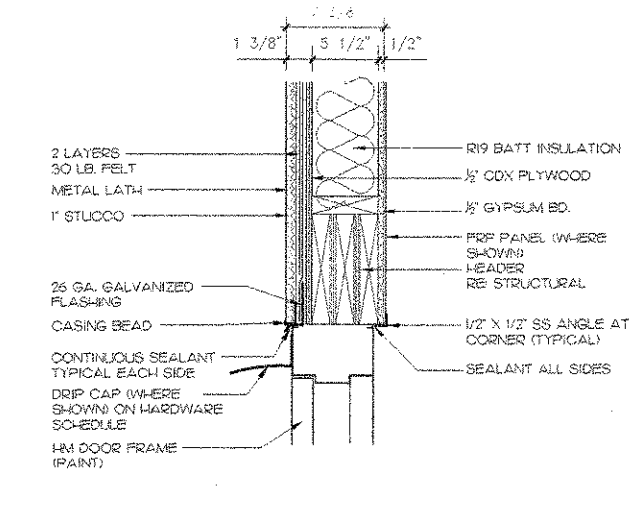
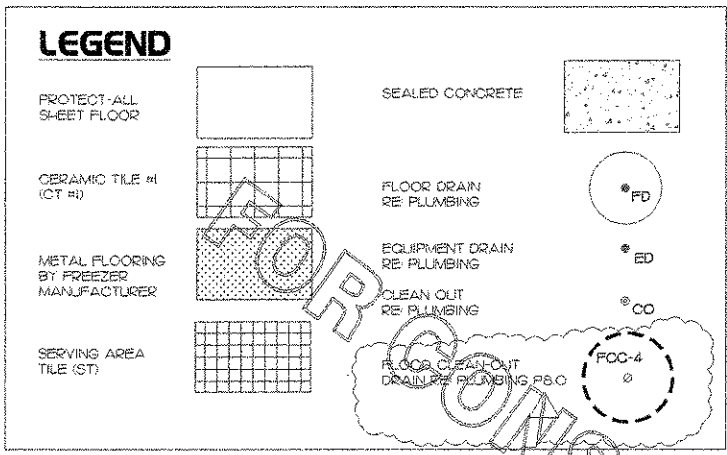
DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
DOOR SCHL
DETAILS

DWG EDITION 03.8

Job No. : 2004.0255
Store : 1740
Date : 8/30/04
Drawn By : ---
Checked By : ---
Sheet

A-13



5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark	Date	By
△	9/11/24	res
△		COORD. REVISIONS
△		
△		
△		

Seal

AA 004320
CA 8640
933 LEE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32818
FL 407 623 9124

INTERPLAN
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE SERIES FSU 03-A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

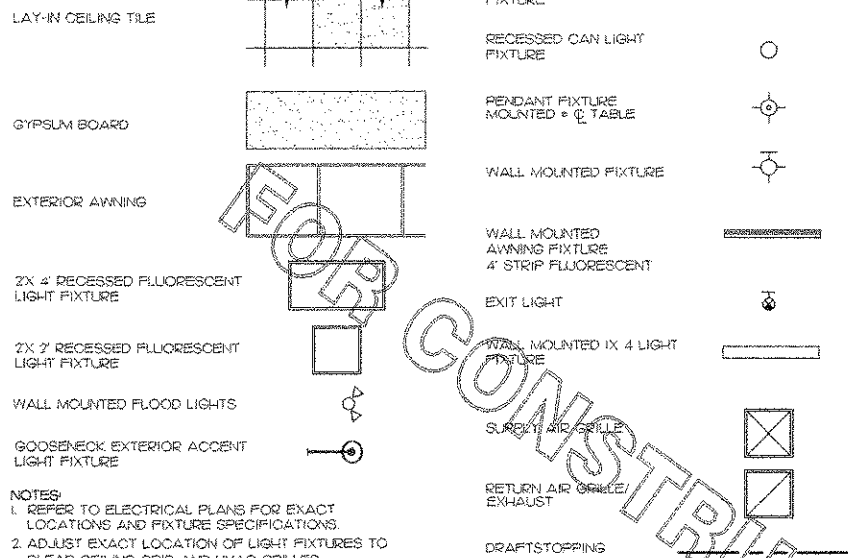
SHEET TITLE
FLOOR FINISH
PLAN

DWG EDITION 03.8

Job No. : 2004.0255
Store : 1740
Date : 8/30/04
Drawn By :
Checked By :
Sheet

A-1.4

LEGEND:

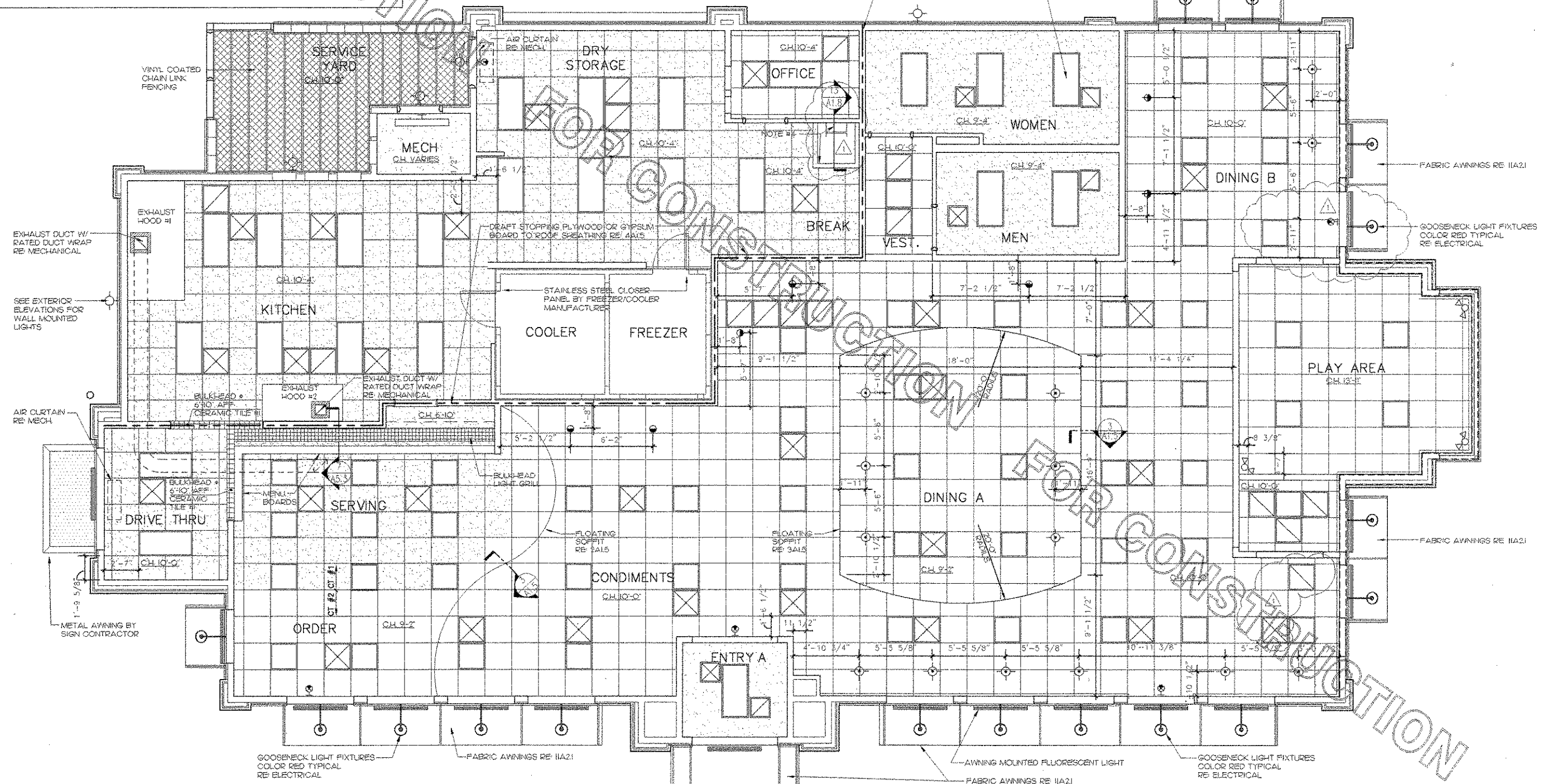


NOTES:
 1. REFER TO ELECTRICAL PLANS FOR EXACT LOCATIONS AND FIXTURE SPECIFICATIONS.
 2. ADJUST EXACT LOCATION OF LIGHT FIXTURES TO CLEAR CEILING GRID AND HVAC GRILLES.
 3. IN GYP BOARD CEILINGS, ALIGN FIXTURES AND
 4. ROOF ACCESS BULKHEAD AT 10'-2" AFF. 2'x4 WD. CONSTR. W/ GYP. BD. TO UNDERSIDE OF ROOF HATCH

2 FLOATING CEILING DIMENSIONS
 1/4" = 1'-0"

3 REFLECTED CEILING PLAN
 1 1/2" = 1'-0"

4 DRAFTSTOPPING DETAIL
 1 1/2" = 1'-0"



1 REFLECTED CEILING PLAN
 1/4" = 1'-0"

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:
 Mark Date By
 3/17/04 rsa
 COORD. REVISIONS

Mark Date By

Mark Date By

Seal

INTERPLANE 3
 ARCHITECTURE
 ENGINEERING
 INTERIOR DESIGN
 PROJECT MANAGEMENT

STORE
 SERIES
 FSU 03-A

DOLPHIN VILLAGE
 4623 GULF BLVD.
 ST. PETE BEACH, FL

SHEET TITLE
 REFLECTED
 CEILING PLAN

DWG EDITION 03.8

Job No. : 2004.0255
 Store : 1740
 Date : 8/30/04
 Drawn By : _____
 Checked By : _____

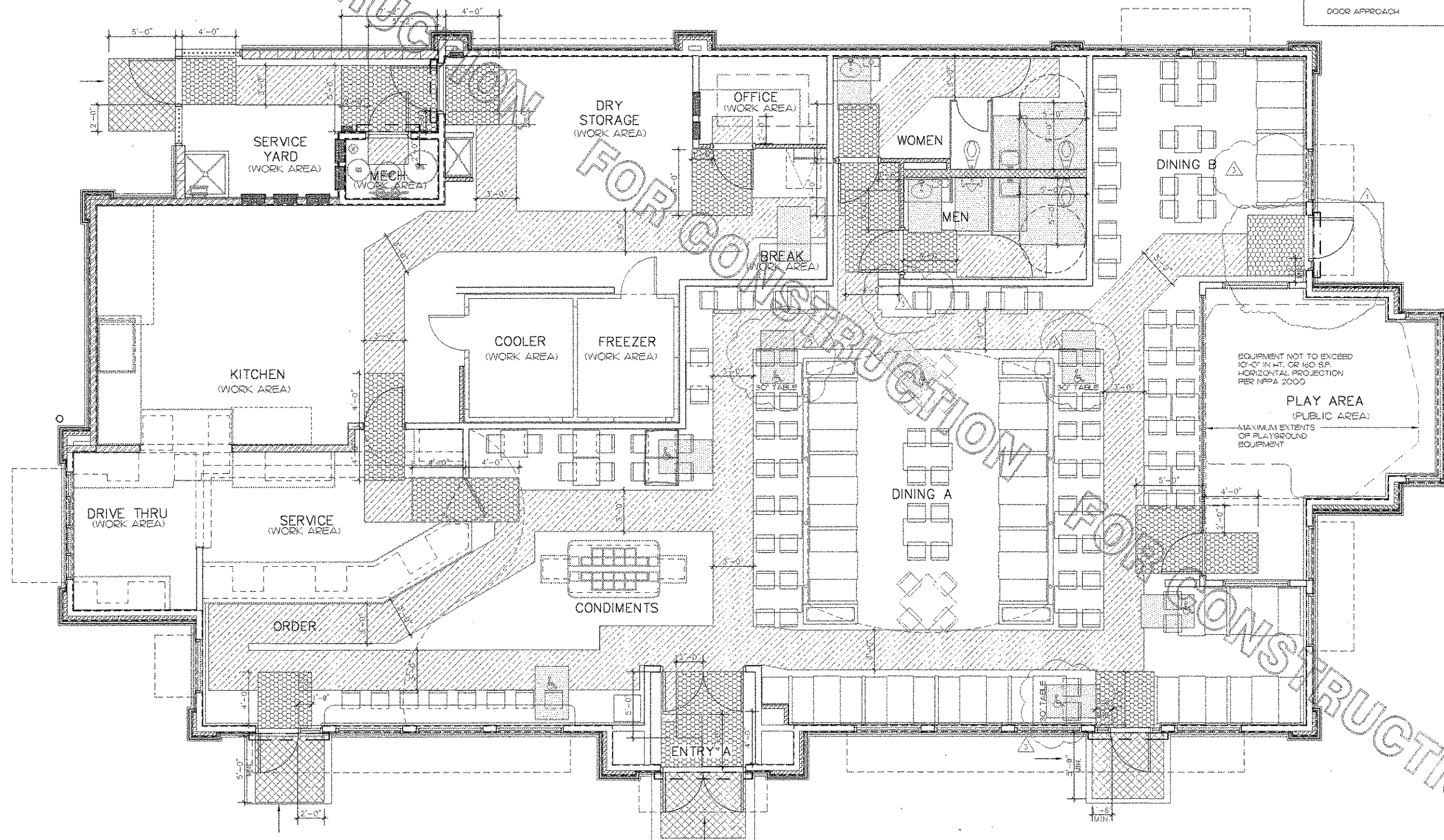
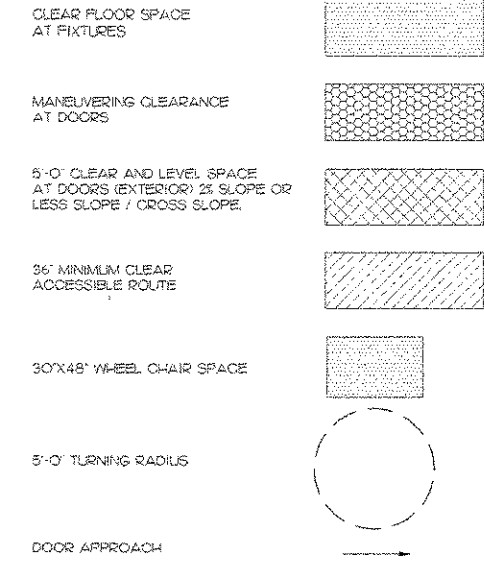
Sheet

A-15

ACCESSIBILITY NOTES

1. ALL CROSS SLOPES THAT ARE A PORTION OF THE ACCESSIBLE ROUTE SHALL BE A MAXIMUM OF 2%.
2. IF UMBRELLAS OR AWNINGS ARE USED ON THE SITE, THE BOTTOM PLAPS SHALL BE A MINIMUM OF 8'-6" ABOVE THE FINISHED GRADE.
3. ACCESSIBLE TABLES SHALL BE A MINIMUM OF 27" CLEAR KNEE SPACE A.F.F. AND HAVE A CLEAR AREA OF AT LEAST 19" DEEP, TOP OF TABLE SHALL BE 34" A.F.F.
4. COAT HOOKS IN THE TOILET STALLS SHALL BE MOUNTED TO THE BACKSIDES OF DOORS AT 48" A.F.F. IN ACCESSIBLE STALLS AND 60" IN STANDARD STALLS.
5. FLUSH VALVES ON THE TOILETS SHALL ALWAYS BE LOCATED ON THE WIDE SIDE OF THE TOILET STALL. UTILIZE 3 LBS. OF FORCE OR LESS TO OPERATE.
6. ALL PANIC HARDWARE SHALL BE MOUNTED NO HIGHER THAN 46" A.F.F.
7. ALL FLOOR DRAINS IN KITCHEN SHALL BE LOCATED OUT OF PATH OF TRAVEL SO THAT THE FLOOR DOES NOT HAVE A SLOPE GREATER THAN 2% ALONG AN ACCESSIBLE ROUTE.
8. ALL THRESHOLDS, FLOOR LEVEL CHANGES, AND FLOOR TRANSITIONS SHALL NOT EXCEED 1/2" IN HEIGHT AND SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2.
9. ALL LIGHT SWITCHES, VOLUME CONTROLS, AND THERMOSTATS IN PUBLIC AREAS SHALL BE MOUNTED NO HIGHER THAN 48" A.F.F.
10. FOR CLARIFICATION OF REQUIREMENTS OR QUESTIONS, CALL THE A.D.A. HOTLINE AT (800) 949-4ADA, TRENT GILLEY, OR TERRY LONG WITH CHICK-FIL-A, AT (404) 765-8031.

LEGEND

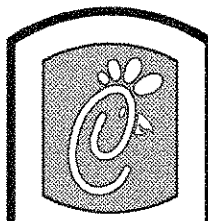


FOR CONSTRUCTION

FOR CONSTRUCTION

FOR CONSTRUCTION

1 ACCESSIBILITY FLOOR PLAN
1/4" = 1'-0"



Chick-fil-A

5200 Buffington Rd.
Atlanta Georgia,
30345-2998

Revisions:
Mark Date By
8/17/04 ree
COORD. REVISIONS

Mark Date By
10/15/04 TG
CLIENT COMMENTS

Mark Date By

Seal

AA 004320
CA 8660
933 LEE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32810
PH 407 445 5008
FX 407 659 9124

INTERPLAN 311
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES
FSU 03-A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
ACCESSIBILITY
FLOOR PLAN

DWG EDITION 03.8

Job No. : 2004.0255
Store : 1740
Date : 8/30/04
Drawn By :
Checked By :

Sheet

A-1.6

2. GENERAL NOTES:

- CRICKETS SHALL BE CONSTRUCTED OF RIGID INSULATION AS REQUIRED TO PROVIDE SLOPE OF 1/8" PER FOOT MIN.
- PAINT ALL EXPOSED GAS PIPING ON ROOF DARK BRONZE (2 COATS).
- ALL CONDENSATE LINES SHALL BE INSTALLED TO PROVIDE POSITIVE DRAINAGE. GENERAL CONTRACTOR SHALL PROVIDE BLOCKING AS REQUIRED TO ELIMINATE SAGGING.
- OVERFLOW SCUPPERS SHALL BE 4" HIGH BY 12" WIDE AND SHALL BE INSTALLED WITH THEIR BOTTOM EDGE 2" ABOVE THE BOTTOM EDGE OF THE ROOF SURFACE.

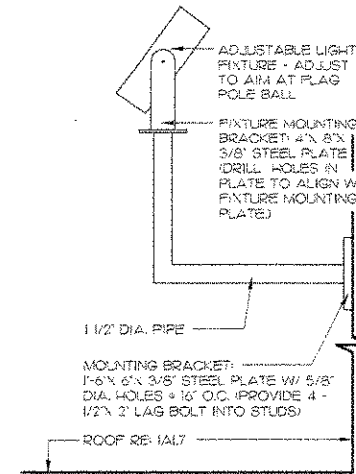
3. MEMBRANE ROOFING SPECIFICATION:

- PART 1 GENERAL**
- 11 ROOF SYSTEM DESCRIPTION**
- ROOF SYSTEM SHALL CONSIST OF A SINGLE PLY APP MODIFIED BITUMEN ROOF SYSTEM.
 - INSULATION POLYISOCYANURATE INSULATION MECHANICALLY FASTENED.
 - BASE SHEET UL TYPE 62 BASE SHEET GLASS FIBER REINFORCED MECHANICALLY FASTENED.
 - MEMBRANE HEAT WELDED APP MODIFIED CAP MEMBRANE WITH GRANULE SURFACING.
- 12 QUALITY ASSURANCE**
- GENERAL CONTRACTOR
 - GENERAL CONTRACTOR SHALL CONTACT US, INTEC, INC. NATIONAL ACCOUNTS DEPT. FOR A LIST OF APPROVED NATIONAL ACCOUNTS CONTRACTORS TO BID PROJECT AT 1-800-231-4631 EXT. 559. ANY ROOFING CONTRACTORS NOT APPROVED THROUGH THIS DEPARTMENT WILL BE REJECTED.
 - CONTRACTOR
 - PROVIDE MANUFACTURER'S WRITTEN PROOF OF NATIONAL ACCOUNT STATUS.
- 13 WARRANTY**
- GENERAL CONTRACTOR TO PROVIDE A NON-PRORATED 12 YEAR NDL U.S. INTEC WARRANTY COVERING MATERIAL AND WORKMANSHIP.
 - ROOFING CONTRACTOR TO PRESENT LETTER OF CERTIFICATION FROM U.S. INTEC TO GENERAL CONTRACTOR WITH BID DOCUMENTS.

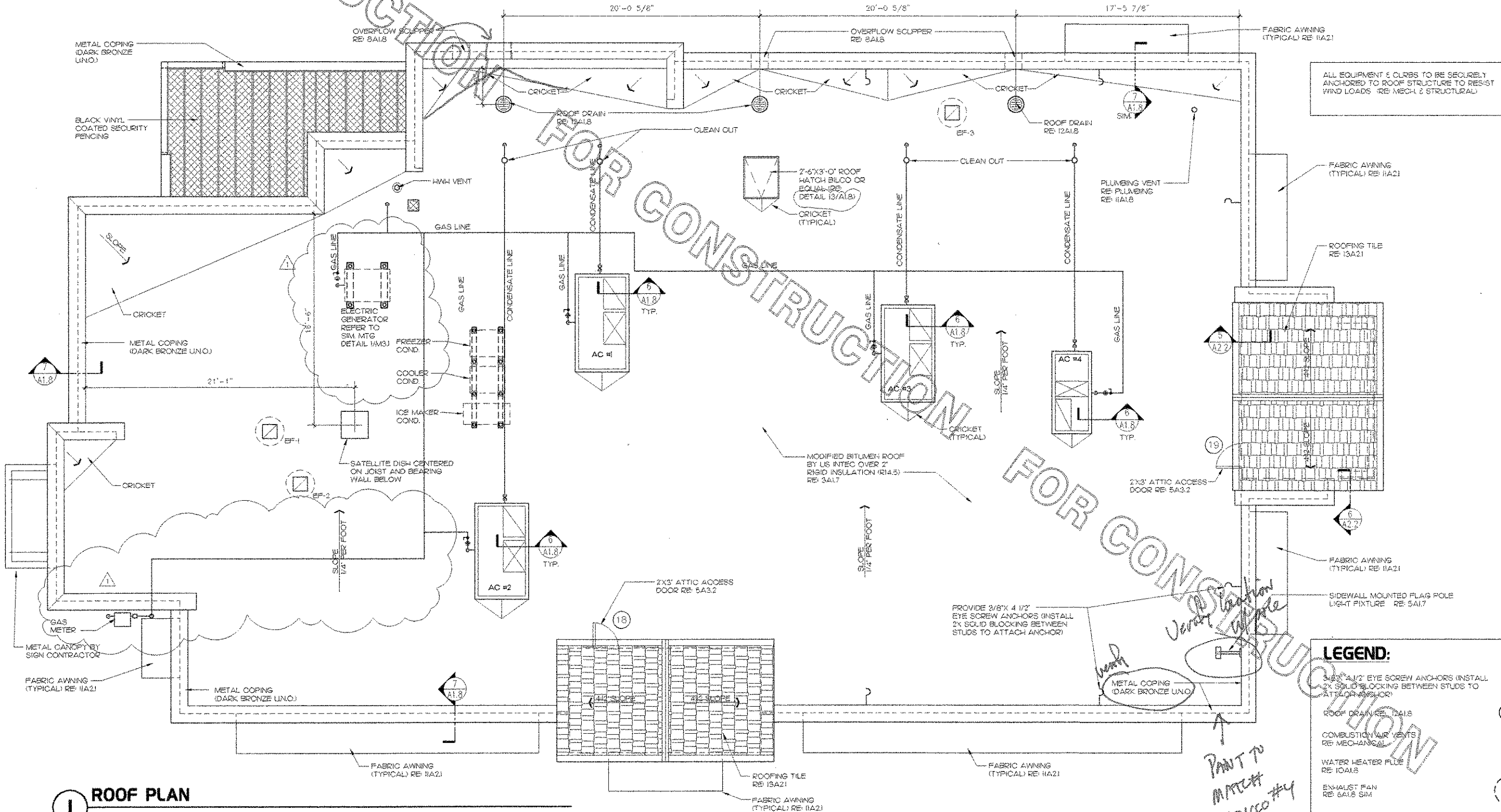
- ROOFING CONTRACTOR TO NOTIFY U.S. INTEC AT AWARD OF BID, PRIOR TO START OF ROOFING INSTALLATION. NOTIFICATION SHALL INCLUDE COMPLETED 12 YEAR NDL WARRANTY REQUEST FORMS RECEIVED BY U.S. INTEC TECHNICAL SERVICES 10 DAYS MINIMUM PRIOR TO ROOF INSTALLATION.
 - ROOFING CONTRACTOR TO PRESENT A COPY OF THE PUNCHLIST FROM U.S. INTEC WARRANTY INSPECTION.
 - U.S. INTEC CONTACT NUMBER (800) 231-4631 EXT. 559.
- PART 2 PRODUCTS**
- 21 ROOFING MEMBRANE SYSTEM**
- APPROVED MANUFACTURER U.S. INTEC, INC. - NO SUBSTITUTIONS.
 - SYSTEM SPEC. NO. GB-2E-R1, PAGE 40 OF U.S. INTEC MODIFIED SPEC. BOOK.
 - INSULATION USISO POLYISOCYANURATE INSULATION MANUFACTURE BY U.S. INTEC, INC.
 - LAYERS ONE (1)
 - THICKNESS TWO INCHES (2) (R14.6)
 - BASE SHEET INTEC/PERMAGLAS ULTRA BASE MANUFACTURED BY U.S. INTEC, INC.
 - MODIFIED BITUMINOUS MEMBRANE INTEC GBSP-4 (WHITE) APP MODIFIED BITUMEN MEMBRANE MANUFACTURED BY U.S. INTEC, INC.
 - ASPHALT PRIMER ASTM D 41
 - SEALANTS GONOLASTIC NP-URETHANE CALK MANUFACTURED BY SONNEBORN BUILDING PRODUCTS.
- 22 FLASHING SYSTEMS**
- FLASHING MEMBRANE INTEC GBSP-4
- 23 MECHANICAL FASTENERS**
- FASTENERS FOR WOOD DECKS/DRILL-TEC COATED POINT (CTP) FASTENERS, MANUFACTURED BY U.S. INTEC, INC.
 - STRESS PLATES DRILL-TEC STRESS PLATES, MANUFACTURED BY U.S. INTEC, INC.
- 24 ACCESSORIES**
- VENTS: ADJUSTABLE MVENT-POINT ZERO SIX FOUR (064) SPUN ALUMINUM VENT WITH SANTORXENE BOOT, PRIMED AND PRE-FLASHING WITH APP MODIFIED BITUMEN MEMBRANE, MANUFACTURED BY MWELD, INC.
 - PITCH PANS MOURE SYSTEM STRUCTURAL URETHANE OUTER SHELL, BONDED TO ROOF SURFACE, AND FILLED WITH 2" (50MM) THICK URETHANE RUBBER SEALANT. SPECIFIC INSTALLATION INSTRUCTIONS ARE MWELD, INC. (PHONE: 424-9253)
- 3. DRAINS: SCUPPER TWENTY-FOUR (24) GAUGE GALVANIZED THROUGH WALL ROOF DRAIN PRIMED AND PRE-FLASHED WITH APP MODIFIED BITUMEN MEMBRANE MANUFACTURED BY MWELD, INC. SEE PLANS FOR SPECIFIED DIMENSIONS.**
- PART 3 EXECUTION**
- 31 INSULATION**
- MECHANICALLY FASTEN ONE (1) LAYER OF USISO INSULATION TO DECK.
 - FASTEN INSULATION WITH DISC/PLATES AT CORNERS.
 - ALL FASTENERS SHALL BE A MINIMUM OF THREE (3) INCHES AT ALL CORNERS OR MAXIMUM OF SIX (6) INCHES.
 - STAGGER END LAPS AND SIDE LAPS TO AVOID LAP ALIGNMENT WITH UNDERLYING PLYS OR SEAMS.
- 3.2 BASE SHEET**
- MECHANICALLY FASTEN BASE SHEET TO DECK.
 - FASTEN FIRST ROW OF FASTENERS WITH DISC/PLATES 1-1/2" FROM THE LEADING EDGE OF THE BASE SHEET ON 12" CENTERS.
 - FASTEN SECOND ROW OF FASTENERS 20" FROM THE LEADING EDGE OF THE BASE SHEET ON 18" CENTERS.
 - STAGGER END LAPS AND SIDE LAPS ALIGNMENT WITH UNDERLYING ROOF DECK SEAMS.
- 3.3 MODIFIED BITUMINOUS MEMBRANE**
- HEAT WELD ONE (1) PLY OF MODIFIED BITUMINOUS MEMBRANE SHINGLE STYLE PERPENDICULAR TO ROOF SLOPE.
 - LAPS 3" SIDE LAPS AND 4" END LAPS, STAGGER END LAPS 18".
 - STAGGER END LAP AND SIDE LAPS ALIGNMENT WITH UNDERLYING PLYS OR SEAMS.
- 3.4 FLASHING**
- REFER TO SECTION 5, PART 10 AND SECTION 8 APP DETAILS OF U.S. INTEC, INC. MODIFIED BITUMEN SPEC. BOOK FOR FLASHING REQUIREMENTS.
 - PARAPET WALLS: ALL PARAPET WALLS HIGHER THAN THREE FEET (3') SHALL USE INTEC WALL FLASHING DETAIL 6.06 OF INTEC MODIFIED SPEC. BOOK.
- 3.5 JOB COMPLETION**
- INSPECT COMPLETED ROOFING AND CORRECT ALL DEFECTS TO MEET THE SPECIFICATION REQUIREMENTS.
 - MANUFACTURER REPRESENTATIVE SHALL INSPECT THE COMPLETED ROOFING SYSTEM AND NOTIFY THE CONTRACTOR OF ANY DEFECTS IN THE APPLICATION.
 - ROOFING CONTRACTOR SHALL COMPLETE ALL PUNCH LIST ITEMS WITHIN 10 WORKING DAYS FROM RECEIPT OF PUNCH LIST.
 - CLEAN UP ALL DEBRIS, EXCESS MATERIALS AND EQUIPMENT AND REMOVE FROM SITE.

4. EQUIPMENT STANDS

- ALUMINUM EQUIPMENT STAND SUPPORTS AS MANUFACTURED BY AVCOA CORPORATION OF FORT LAUDERDALE, FLA. OR APPROVED EQUAL STANDS SHALL PROVIDE 15" MINIMUM CLEARANCE AND SHALL BE SIZED AND INSTALLED ACCORDING TO THE MANUFACTURER'S LOAD CHARTS AND PRINTED INSTALLATION DETAILS. CONTACT: (800) 266-7212



5 LIGHT FIXTURE DETAIL
1"=1'-0"



1 ROOF PLAN
1/4"=1'-0"

LEGEND:

3/8" x 1/2" EYE SCREW ANCHORS (INSTALL 2X SOLID BLOCKING BETWEEN STUDS TO ATTACH ANCHOR)	?
ROOF DRAIN RE: 5A1.8	⊗
COMBUSTION AIR VENTS RE: MECHANICAL	⊠
WATER HEATER FLE RE: 10A1.8	⊙
EXHAUST FAN RE: 6A1.8 SIM	⊕

Chick-fil-E

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark	Date	By
1	9/17/04	res
COORD. REVISIONS		
Mark	Date	By
△		
Mark	Date	By
△		

Seal

AA 004320
CA 8660
933 LEE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32810
PH 407 445 8008
FX 407 429 9124

INTERPLAN
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES
FSU 03-A

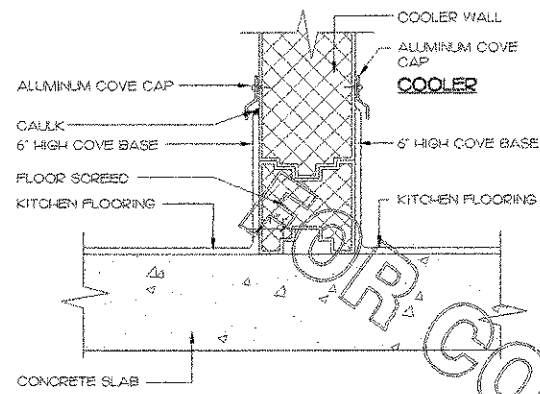
DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
ROOF PLAN

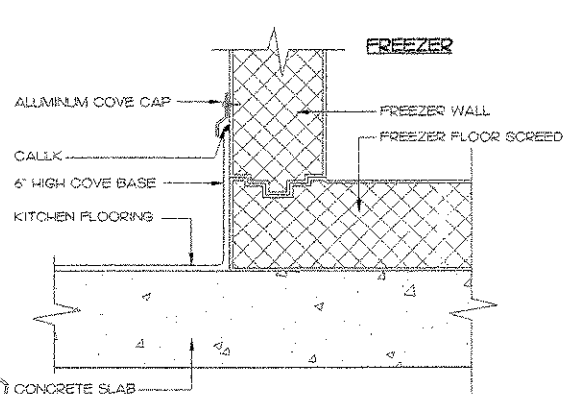
DWG EDITION 03.8

Job No. : 2004.0255
Store : 1740
Date : 8/30/04
Drawn By :
Checked By :
Sheet

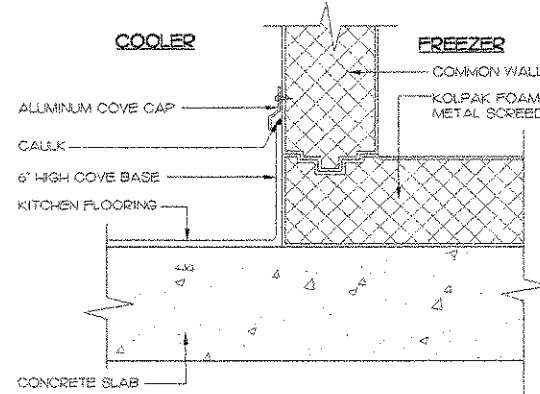
A-1.7



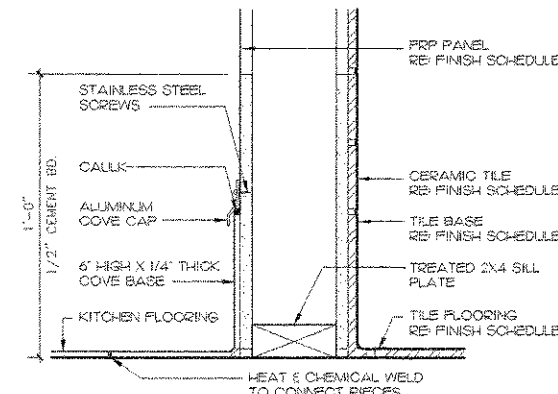
1 DETAIL @ COOLER SCREED
3"=1'-0"



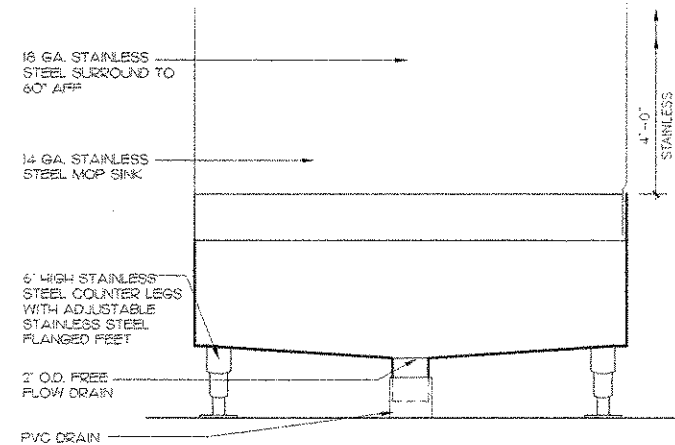
2 DETAIL @ FREEZER SCREED
3"=1'-0"



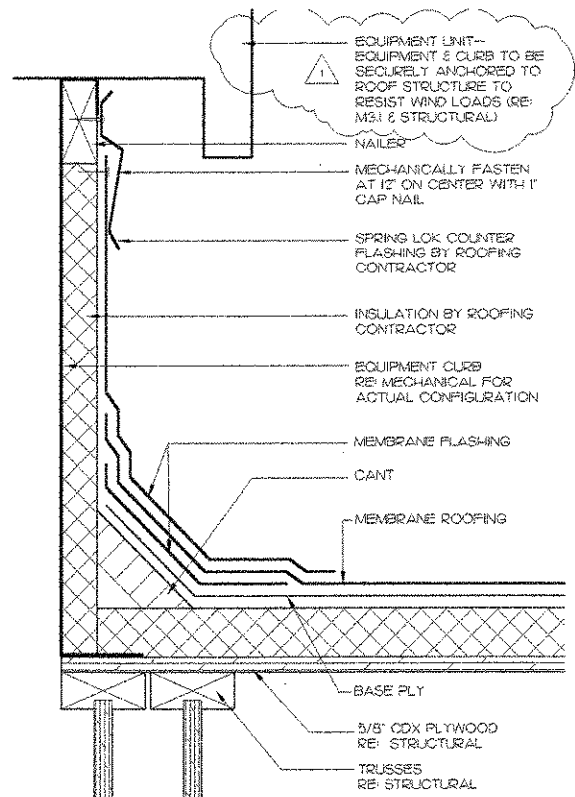
3 DETAIL @ COOLER/FREEZER
3"=1'-0"



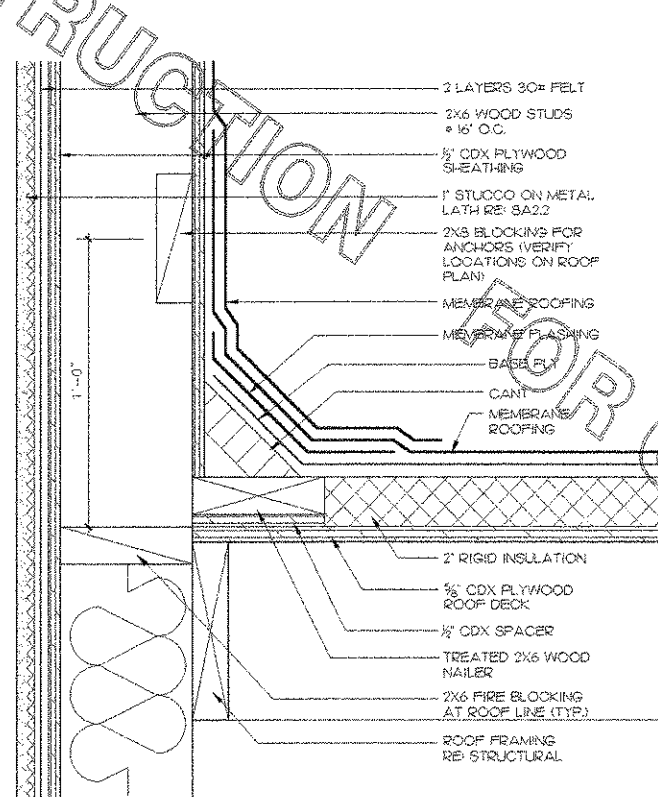
4 TYPICAL WALL BASE
3"=1'-0"



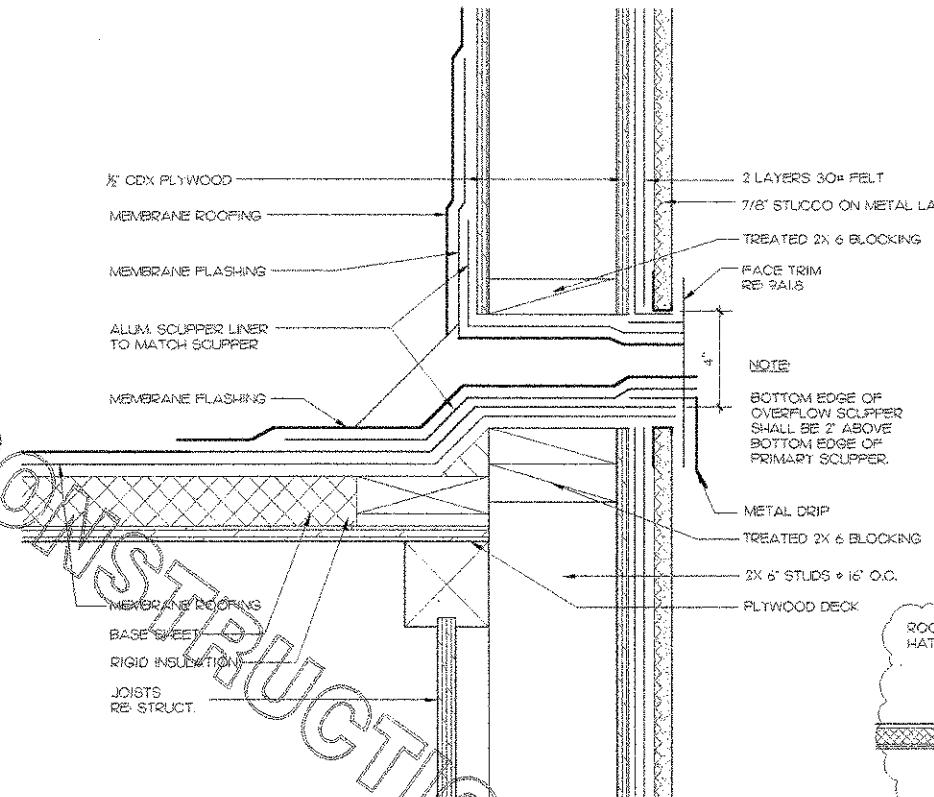
5 MOP SINK SECTION
1 1/2"=1'-0"



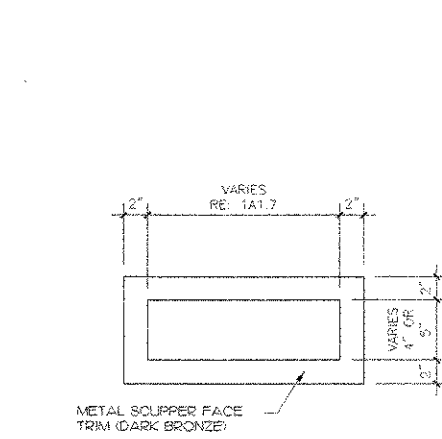
6 TYP. ROOF @ EQUIP. CURB
3"=1'-0"



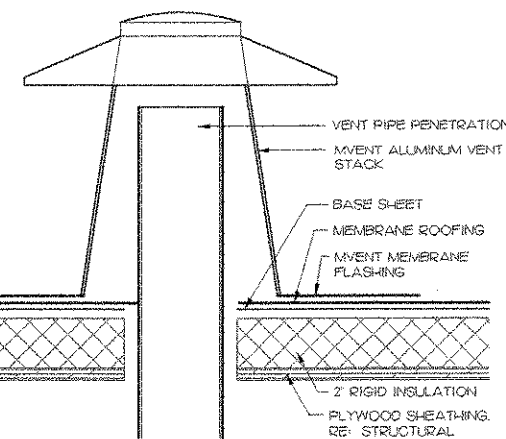
7 TYPICAL ROOF TO WALL SECTION
3"=1'-0"



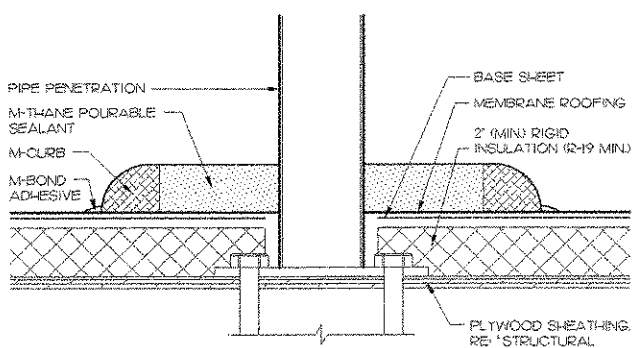
8 SCUPPER
3"=1'-0"



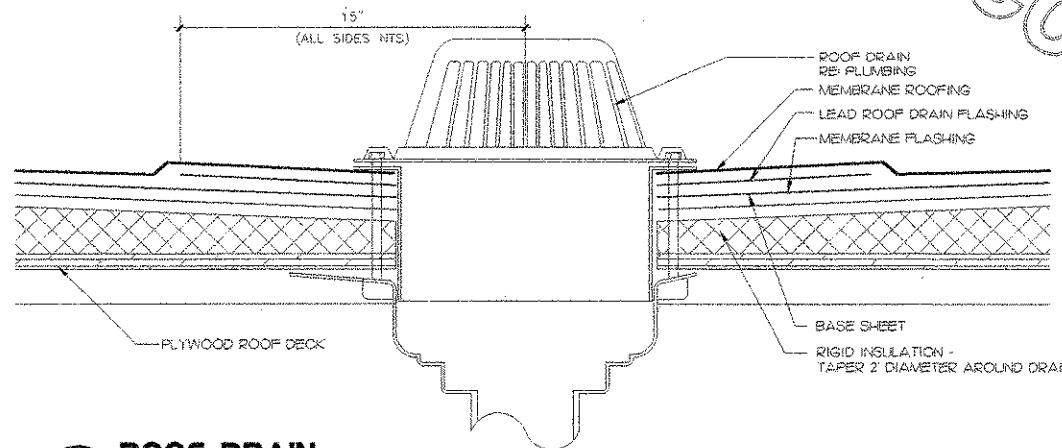
9 SCUPPER TRIM
1 1/2"=1'-0"



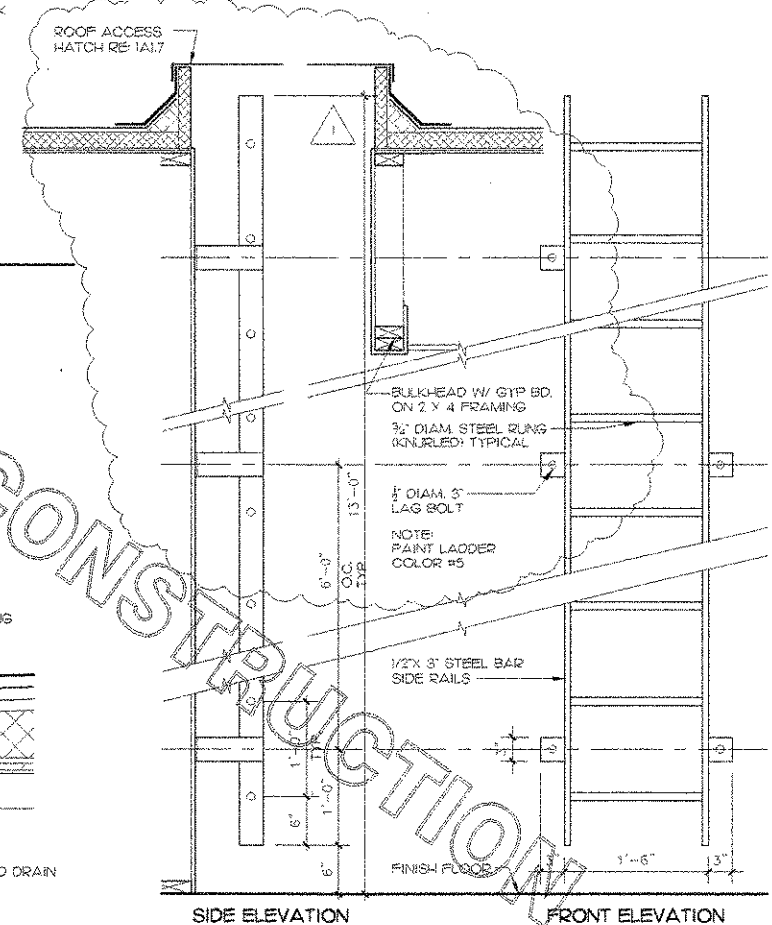
10 VENT DETAIL
3"=1'-0"



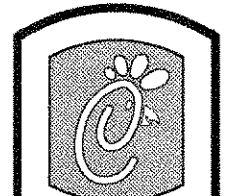
11 ROOF PENETRATION DETAIL
3"=1'-0" (SEE ALSO W/M3.1)



12 ROOF DRAIN
3"=1'-0"



13 LADDER DETAILS
1"=1'-0"



Chick-fil-A
5200 Buffington Rd.
Atlanta Georgia,
30349-2996

Revisions:

Mark	Date	By
△	9/17/24	m.e.
△		COORD. REVISIONS

Mark Date By

Mark Date By

Seal

AA 006320
CA 8660
933 LEE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32810
PH 407 646 5008
FX 407 659 9124

INTERPLAN 9T
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES
FSU 03-A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

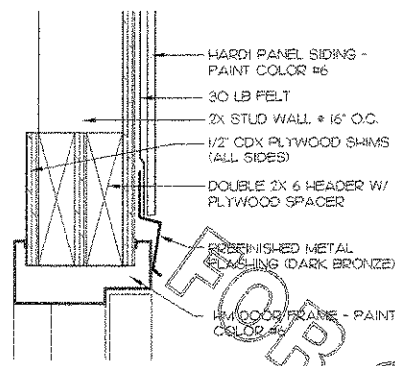
SHEET TITLE
DETAILS

DWG EDITION 03.8

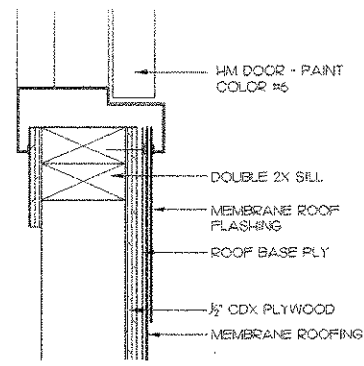
Job No. : 2004.0255
Store : 1740
Date : 8/30/04
Drawn By :
Checked By :

Sheet

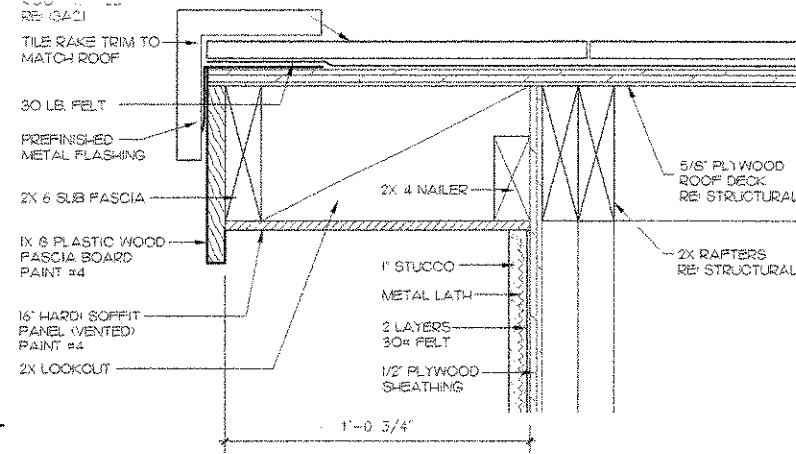
A-1.8



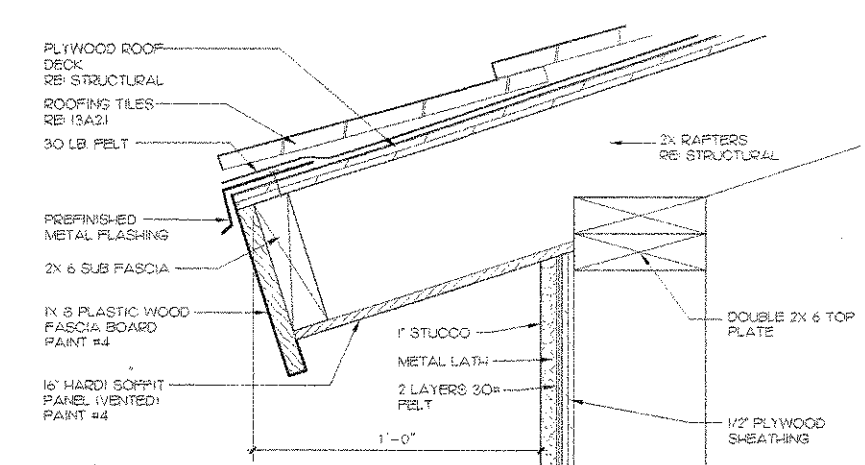
3 HEAD @ ATTIC ACCESS DOOR
3" = 1'-0"



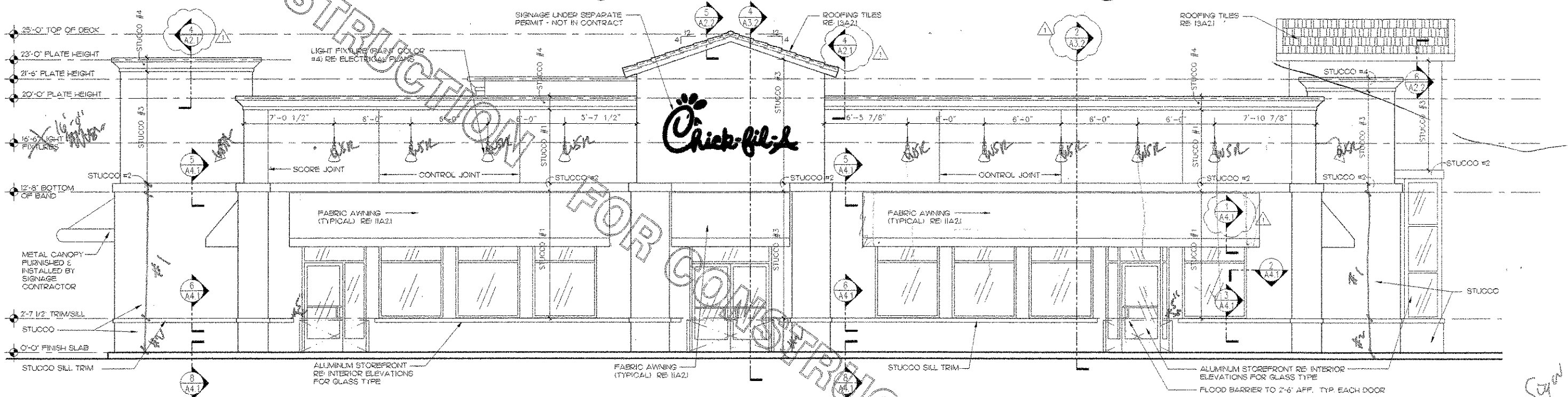
4 SILL @ ATTIC ACCESS DOOR
3" = 1'-0"



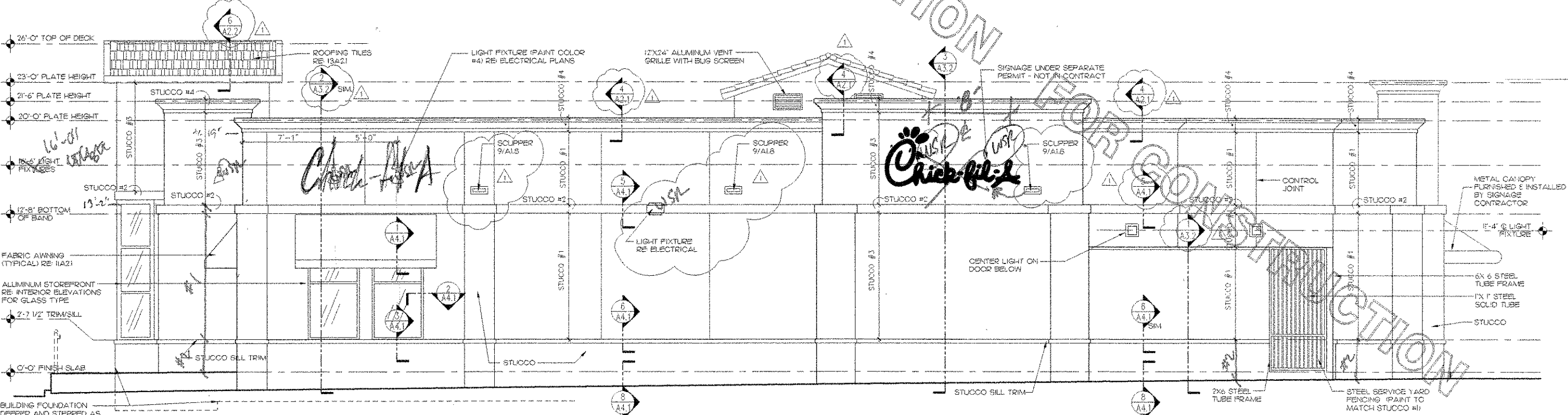
5 GABLE ROOF EDGE DETAIL
3" = 1'-0"



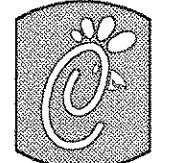
6 ROOF EDGE DETAIL
3" = 1'-0"



1 SIDE ENTRY ELEVATION
1/4" = 1'-0"



2 SERVICE SIDE ELEVATION
1/4" = 1'-0"



Chick-fil-e

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark	Date	By
▲	9/17/04	rea
▲		COORD. REVISIONS

Mark Date By

Mark Date By

Mark Date By

Seal

004920
24 8660
FELCOR
A 12018
455928
...29124

Sign off light changes

STORE
SERIES
FSU 03-A

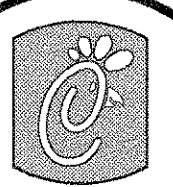
DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
EXTERIOR
ELEVATION

DWG EDITION 03.8

Job No. : 2004.0258
Store : 1740
Date : 8/30/04
Drawn By :
Checked By :
Sheet

A-22



Chick-fil-e

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark Date By
9/17/04 res
COORD. REVISIONS

Mark Date By

Mark Date By

Seal

AA 004320
CA 8640
933 LEE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32810
PH 407.646.5038
FX 407.629.9124

INTERPLAN 97
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES
FSU 03-A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
SECTIONS

DWG EDITION 03.8

Job No. : 2004.0258

Store : 1740

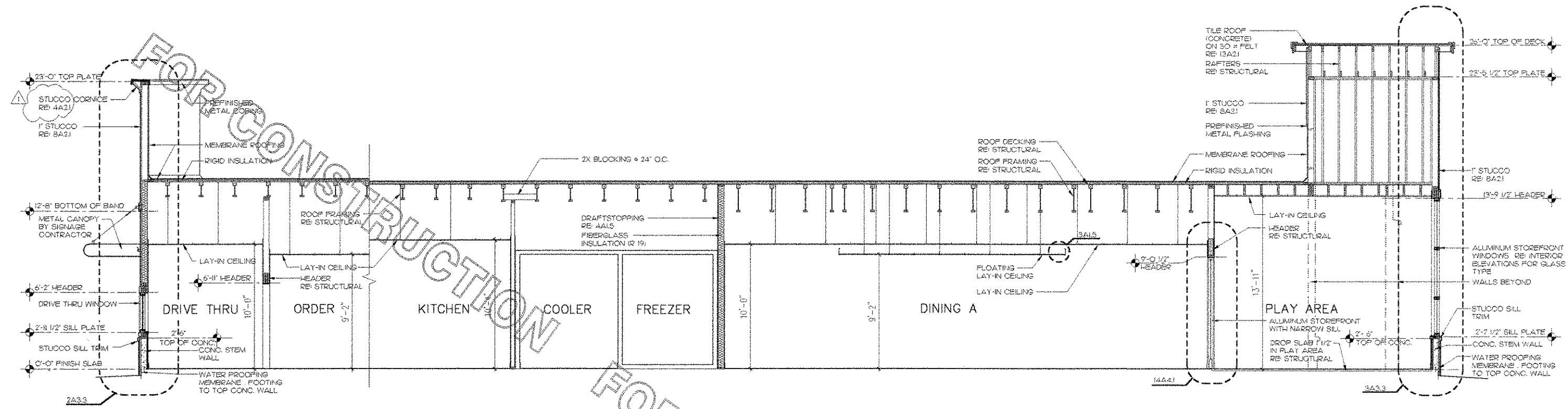
Date : 8/30/04

Drawn By : ---

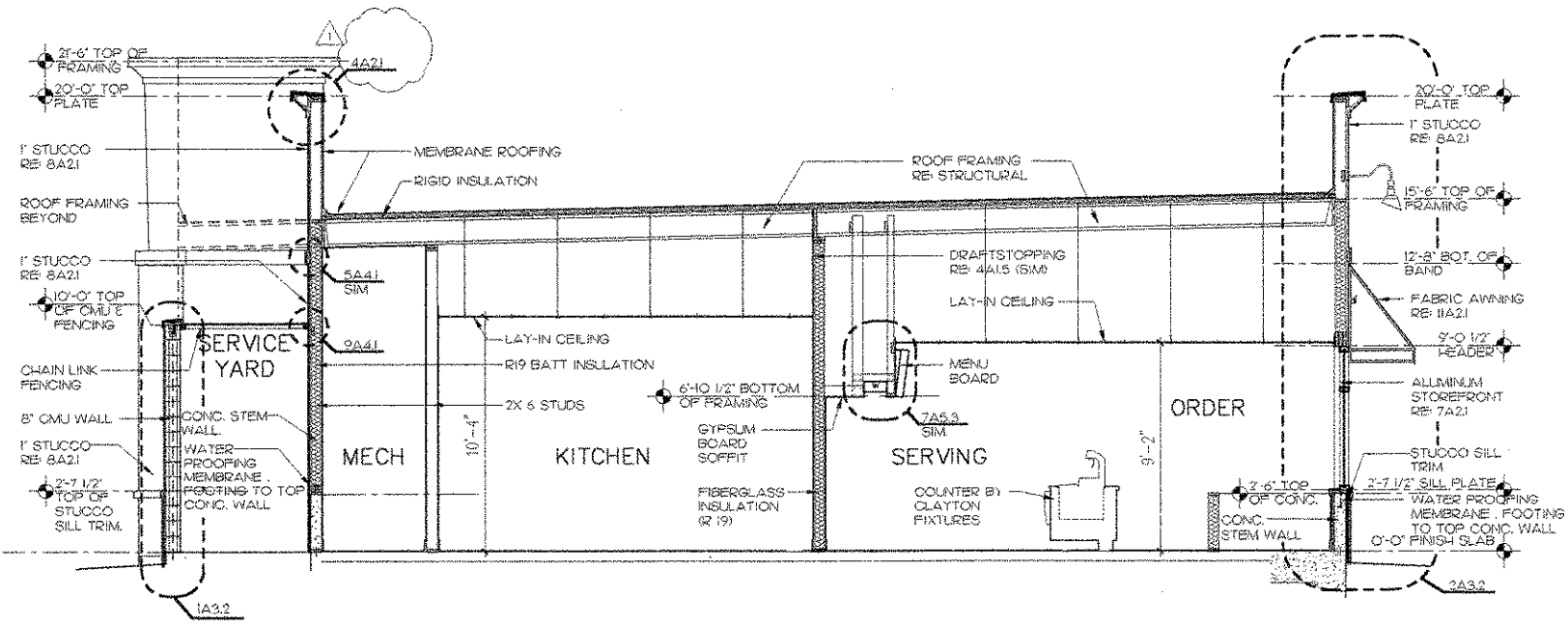
Checked By : ---

Sheet

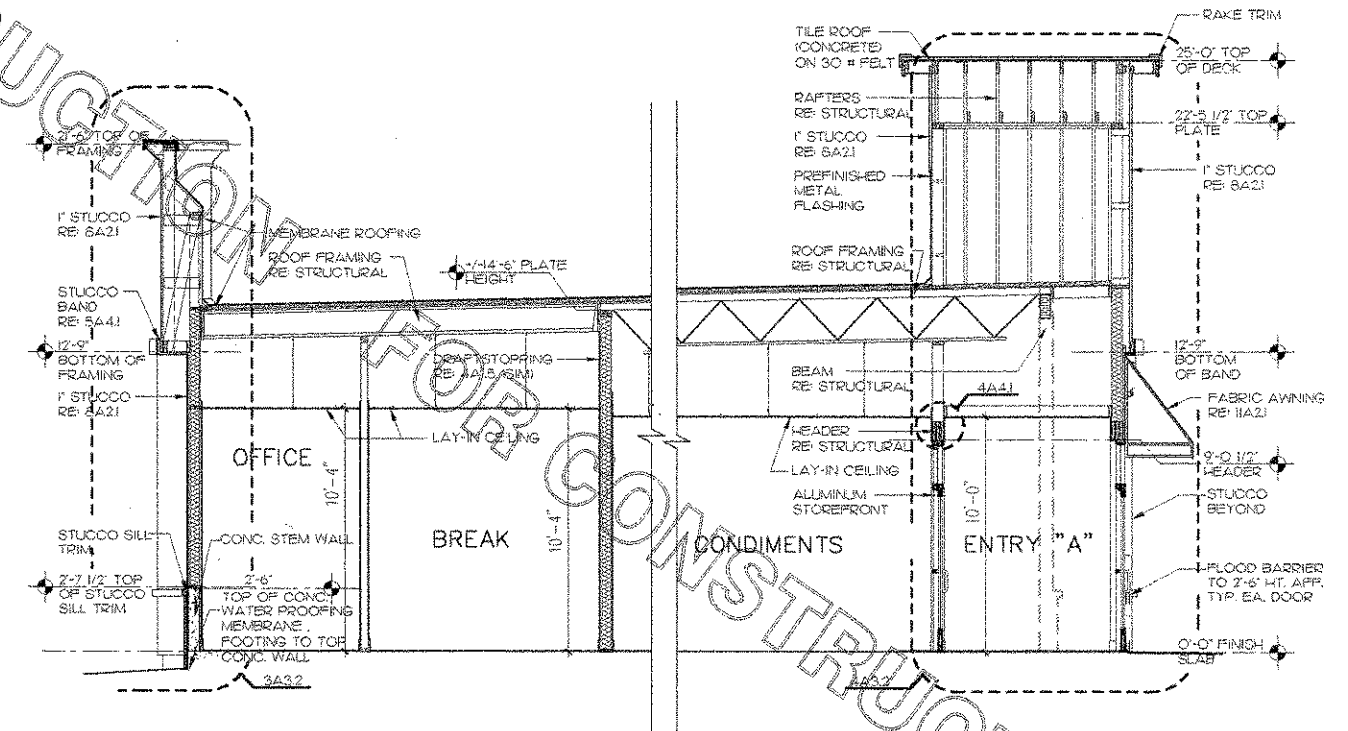
A-3.I



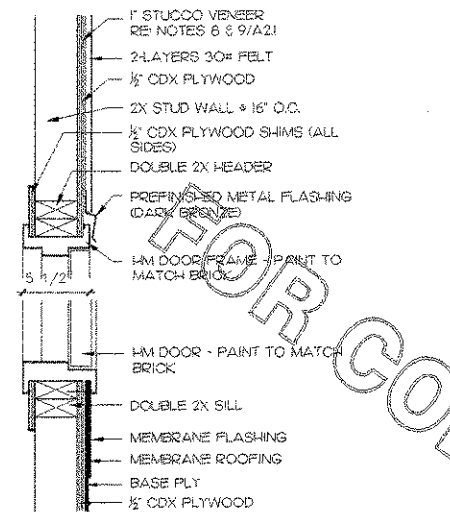
1 LONGITUDINAL SECTION
1/4" = 1'-0"



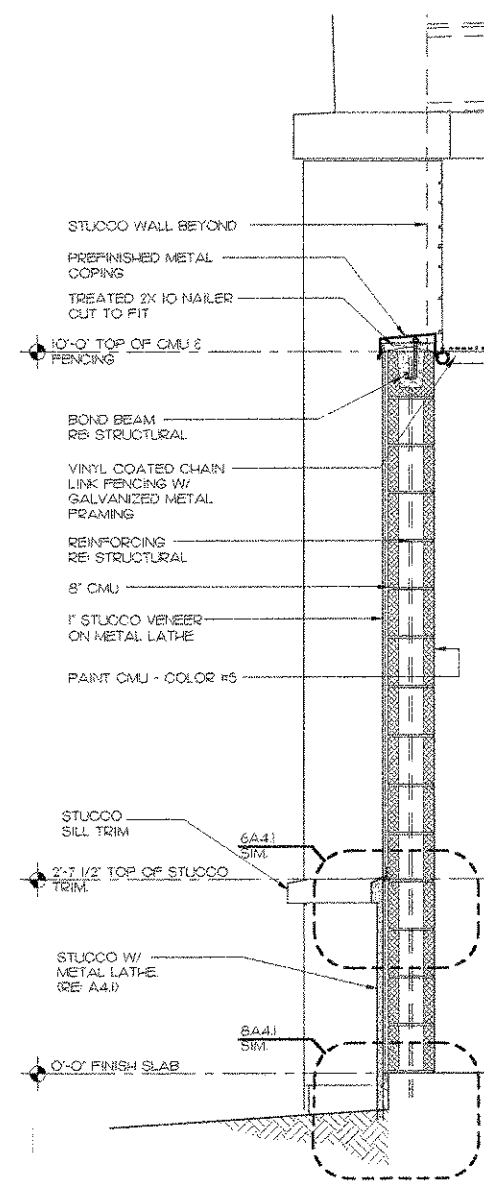
2 TRANSVERSE SECTION
1/4" = 1'-0"



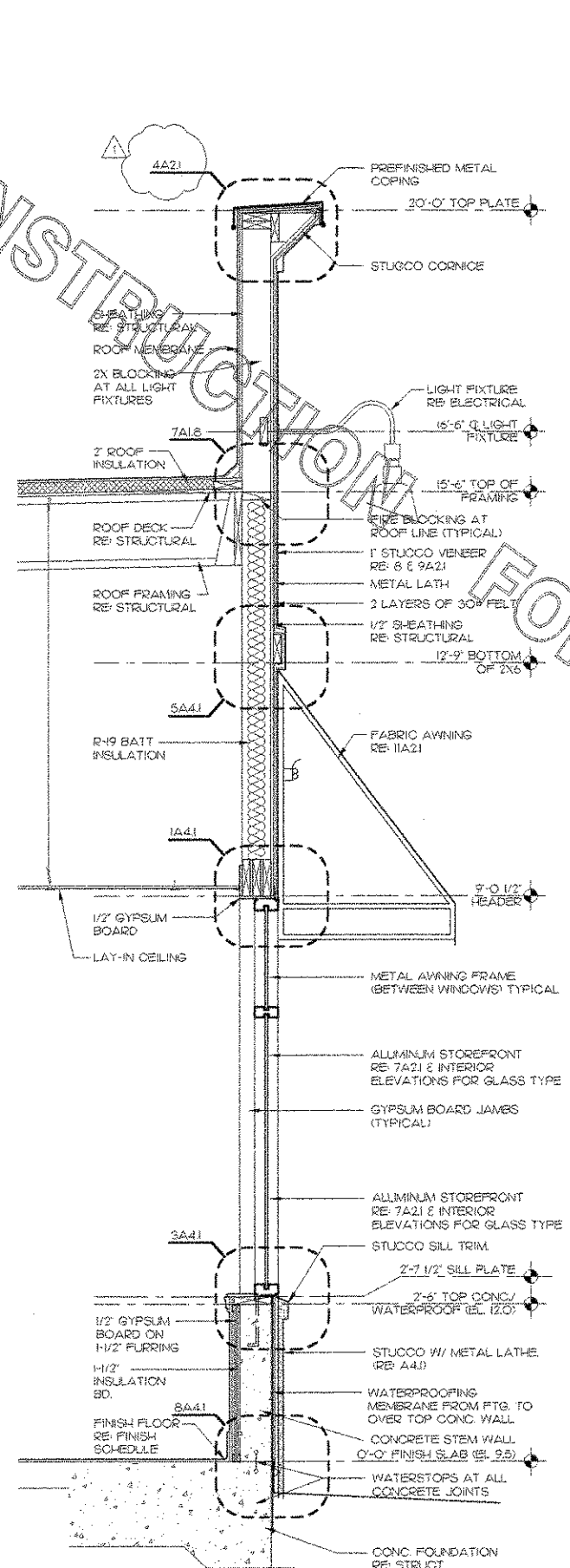
3 TRANSVERSE SECTION
1/4" = 1'-0"



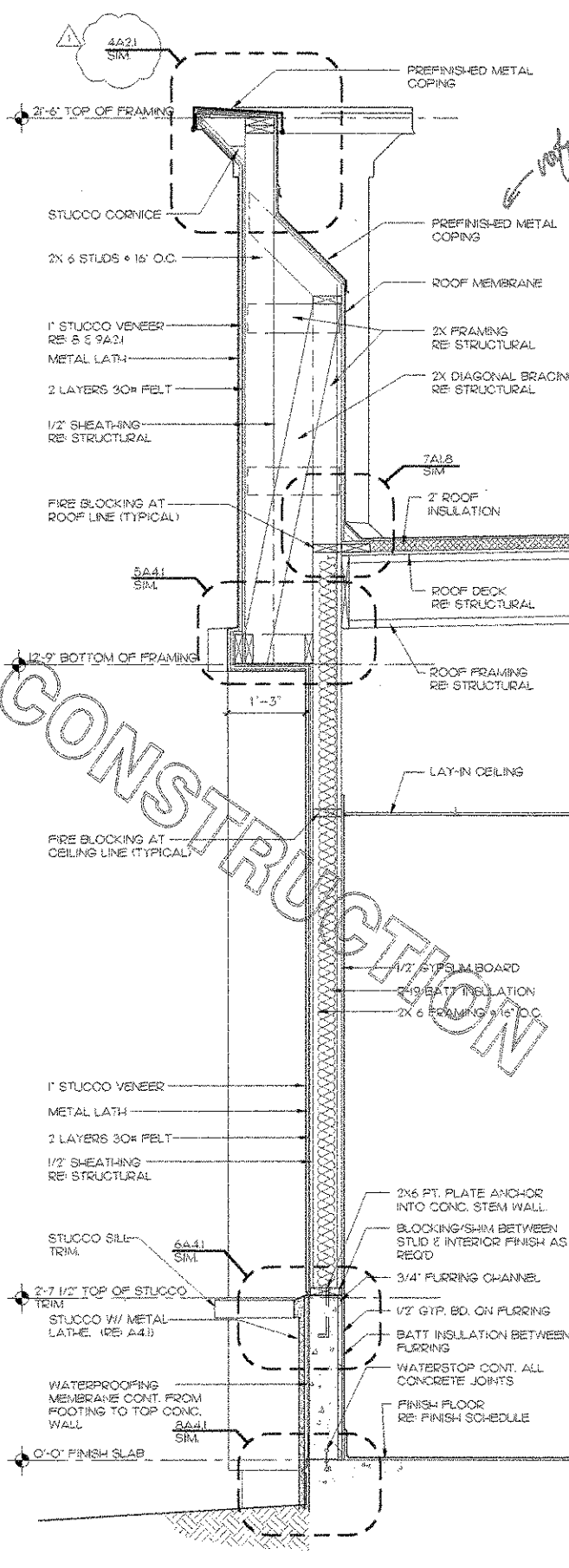
5 ATTIC ACCESS DOOR HEAD & SILL
1 1/2" = 1'-0"



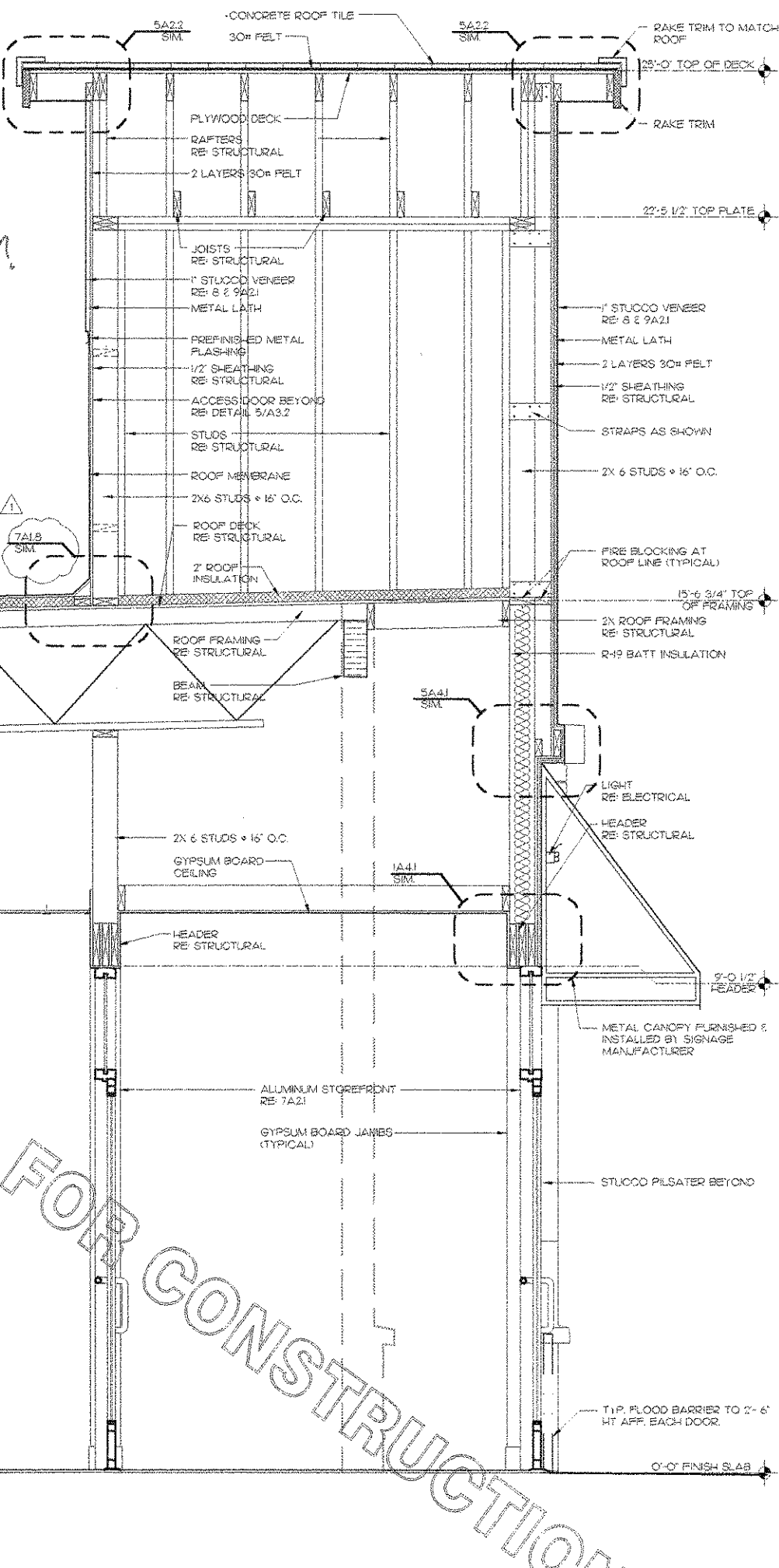
1 WALL SECTION AT CMU WALL
3/4" = 1'-0"



2 TYPICAL WALL SECTION AT WINDOWS
3/4" = 1'-0"



3 WALL SECTION
3/4" = 1'-0"



4 WALL SECTION AT SIDE ENTRY
3/4" = 1'-0"



Chick-fil-A

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark	Date	By
△	3/11/24	rea
COORD. REVISIONS		

Mark Date By

Mark Date By

Scale

AA 004320
CA 8660
938 LEE ROAD, FIRST FLOOR
ORLANDO, FL 32810
PH 407 648 5108
FX 407 679 9124

INTERPLAN
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES
FSU 03-A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
WALL SECTIONS

DWG EDITION 03.8

Job No. : 2004.0258

Store : 1740

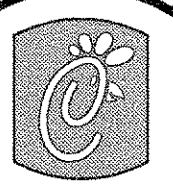
Date : 8/30/24

Drawn By : _____

Checked By : _____

Sheet

A-3.2



Chick-fil-A
 5200 Buffington Rd.
 Atlanta Georgia,
 30349-2998

Revisions:

Mark	Date	By
△	2/17/24	res
COORD. REVISIONS		
△		
△		

Seal

AA 004320
 CA 6660
 983 LEE ROAD, FIRST FLOOR
 ORLANDO, FLORIDA 32810
 PH 407 445 5038
 FX 407 429 9124

INTERPLAN
 ARCHITECTURE
 ENGINEERING
 INTERIOR DESIGN
 PROJECT MANAGEMENT

STORE
 SERIES
 FSU 03--A

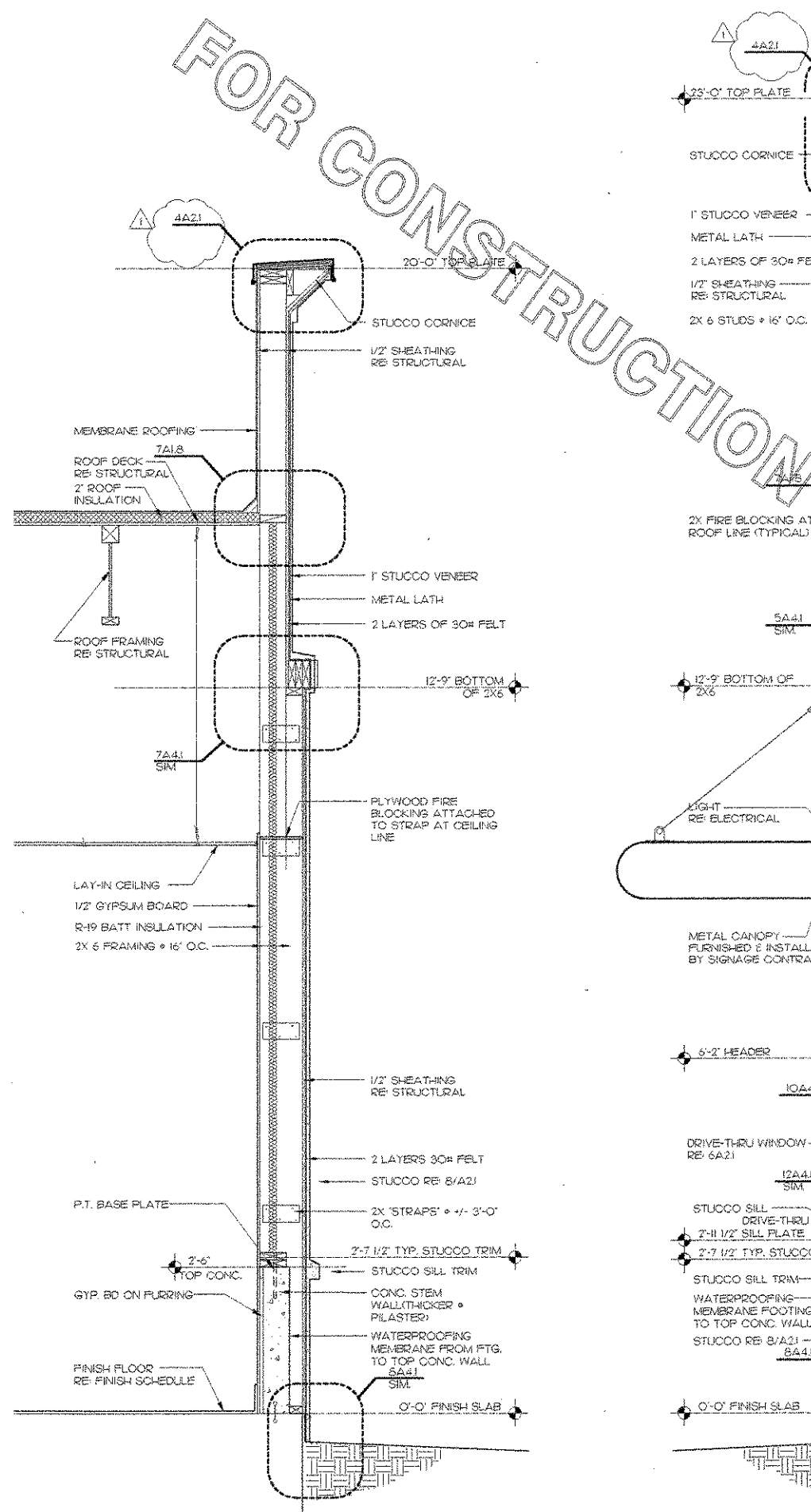
DOLPHIN VILLAGE
 4623 GULF BLVD.
 ST. PETE BEACH, FL

SHEET TITLE
 WALL SECTIONS

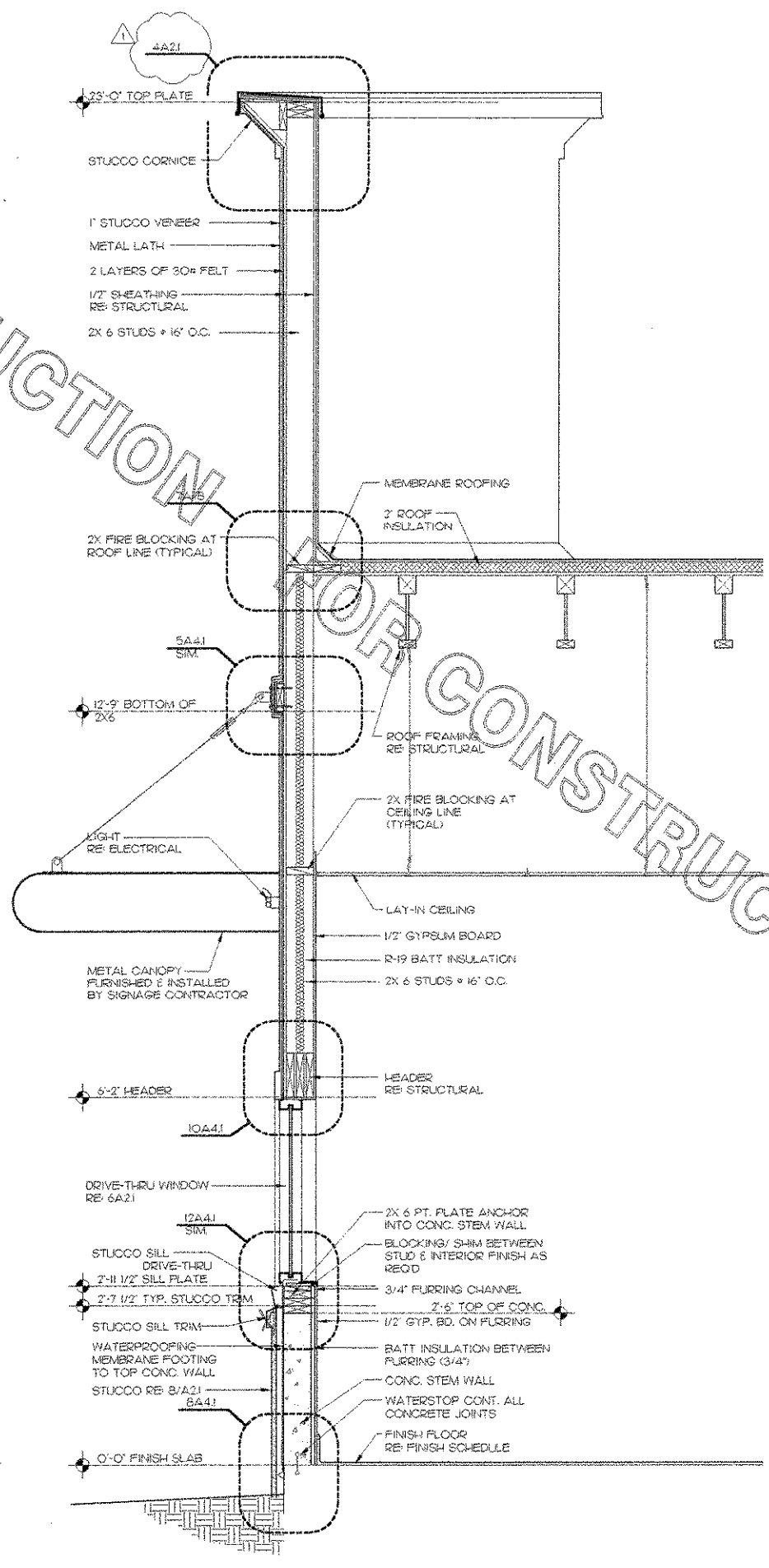
DWG EDITION 03.8

Job No. : 2004.0259
 Store : 1740
 Date : 8/30/04
 Drawn By :
 Checked By :
 Sheet

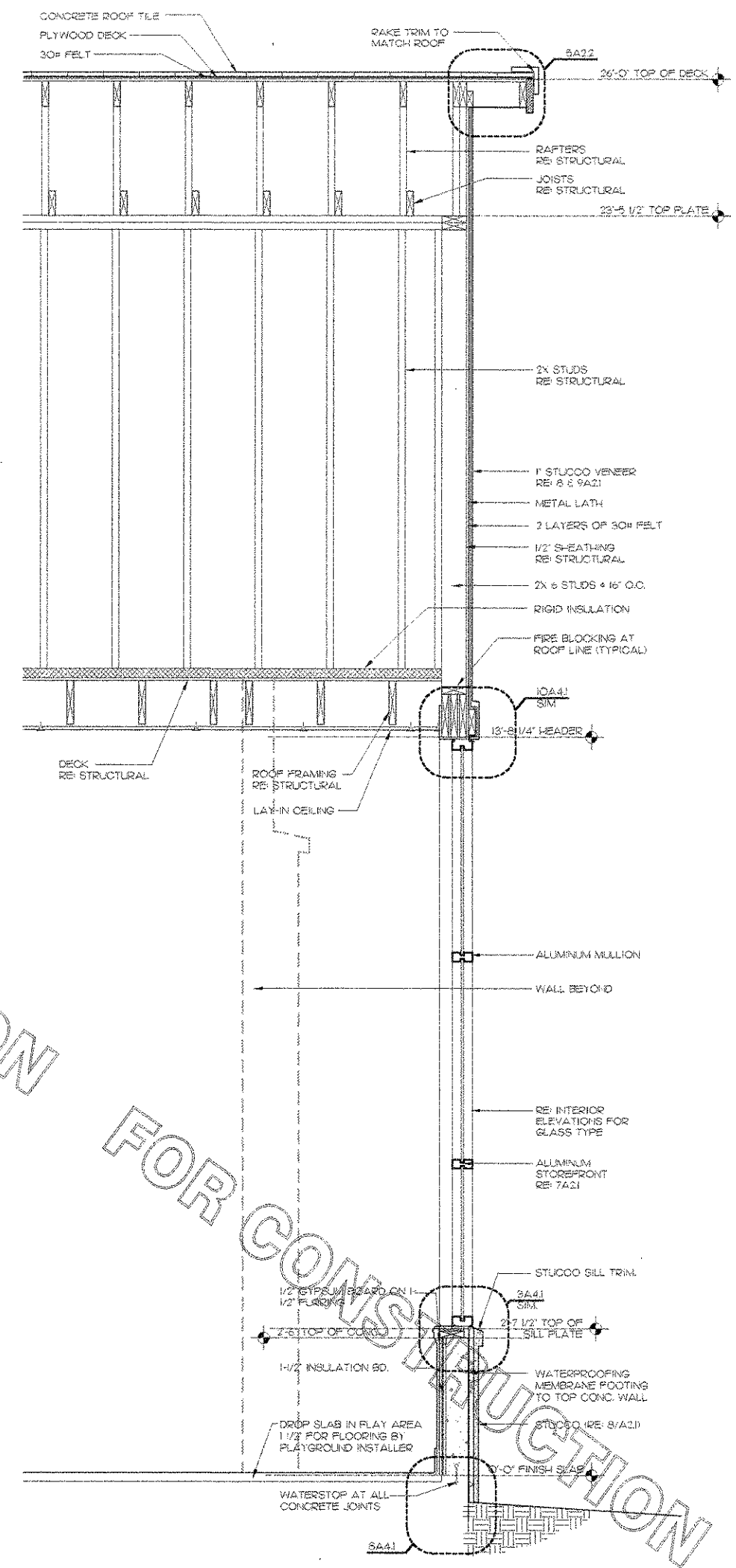
A-3.3



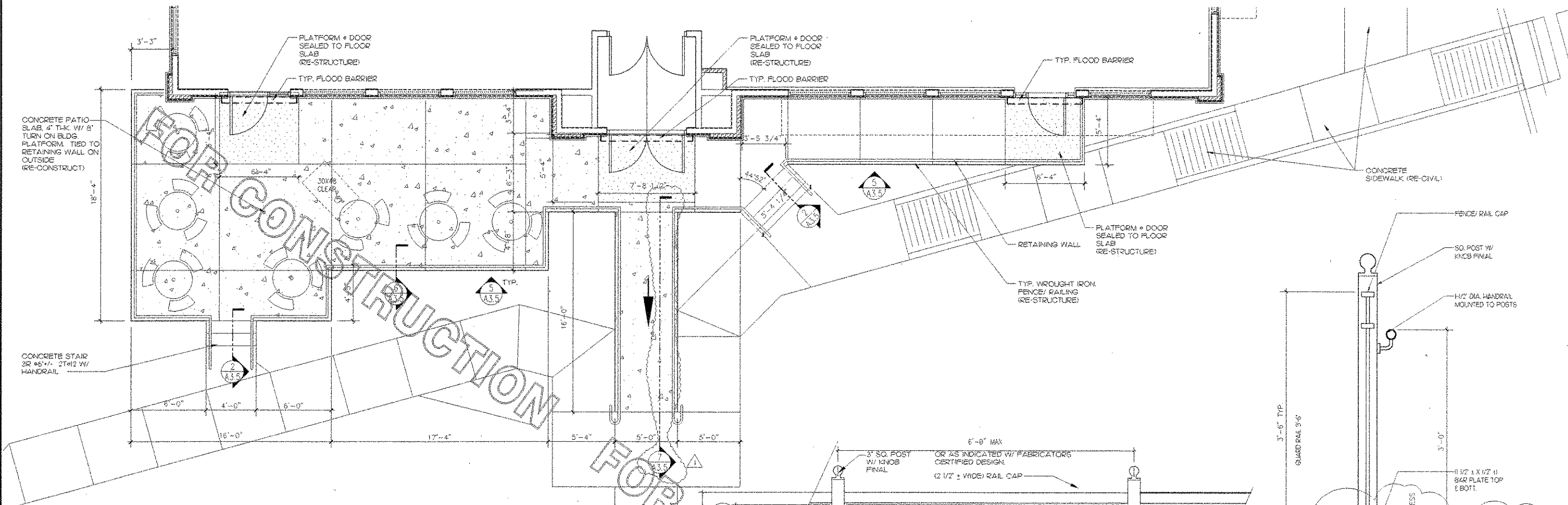
1 WALL SECTION AT CORNER COLUMNS
 3/4" = 1'-0"



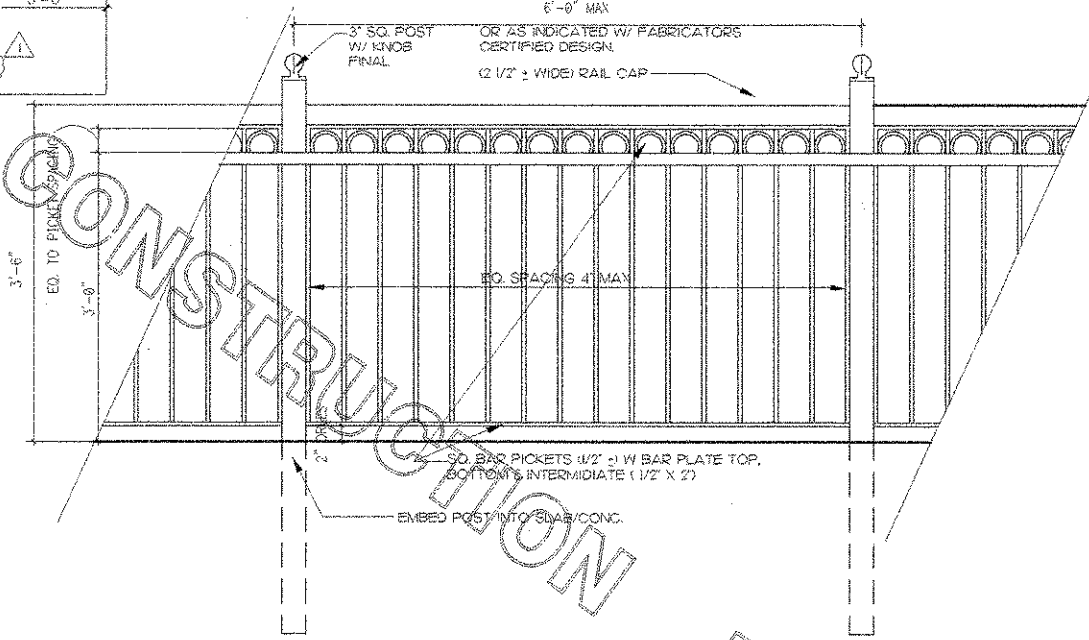
2 WALL SECTION AT DRIVE THRU TOWER
 3/4" = 1'-0"



3 WALL SECTION AT PLAY AREA
 3/4" = 1'-0"

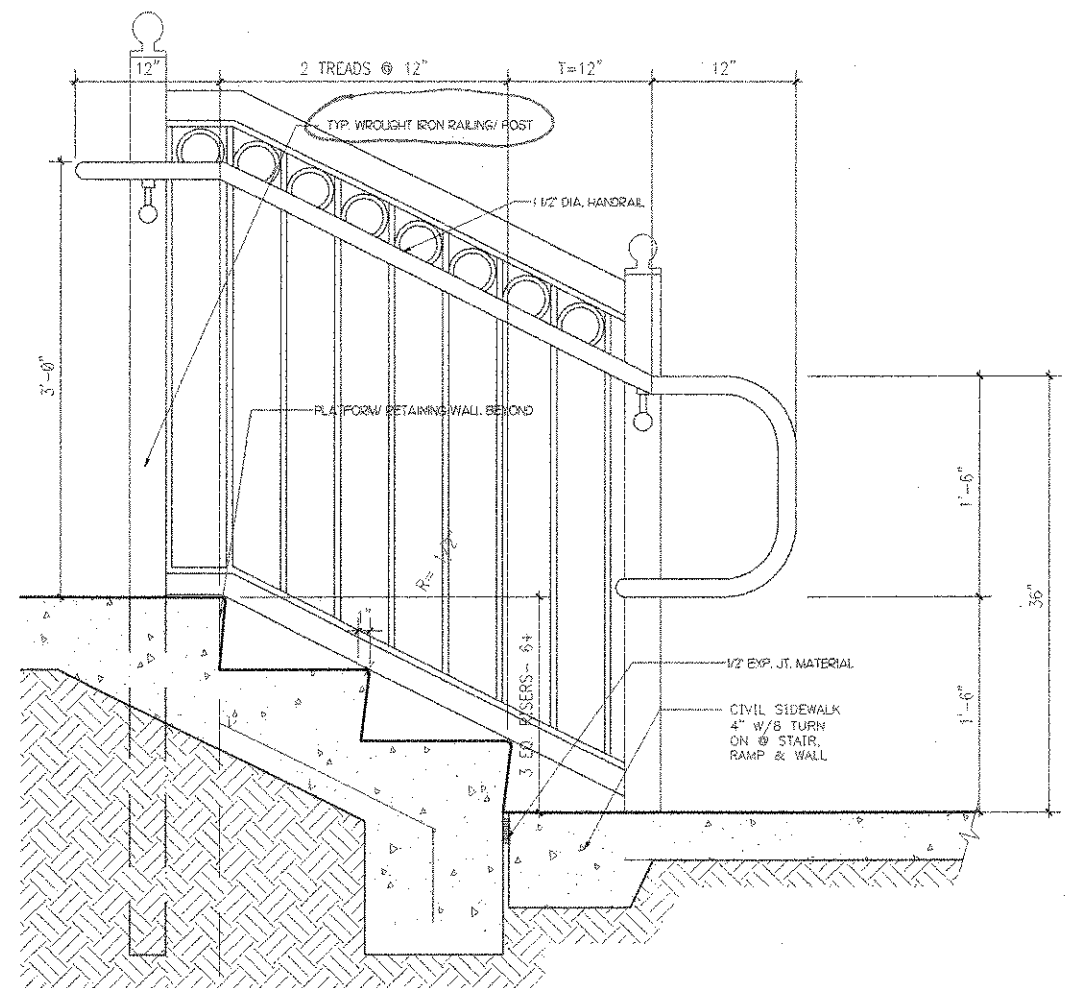


1 PATIO/ RAMP PLAN
1/4" = 1'-0"

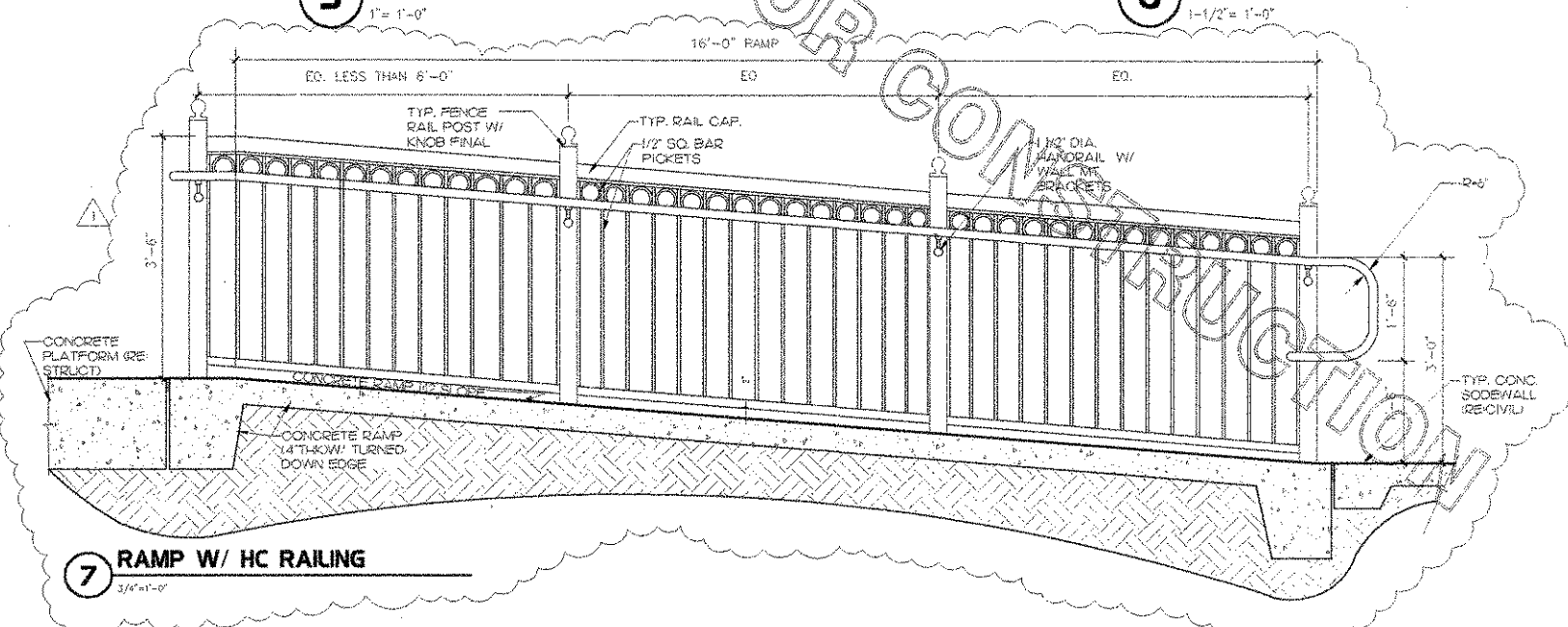


5 TYPICAL FENCE/ RAILING
1" = 1'-0"

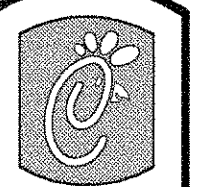
6 FENCE/ RAILING SECTION
1-1/2" = 1'-0"



2 STAIR SECTION
1-1/2" = 1'-0"



7 RAMP W/ HC RAILING
3/4" = 1'-0"



5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark	Date	By
△	5/17/04	red
△		COORD. REVISIONS
Mark	Date	By
△		
Mark	Date	By
△		

Seal

AA 00430
CA 8660
988 LEE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32810
FL 407.629.9124

INTERPLAN
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES
FSU 03-A

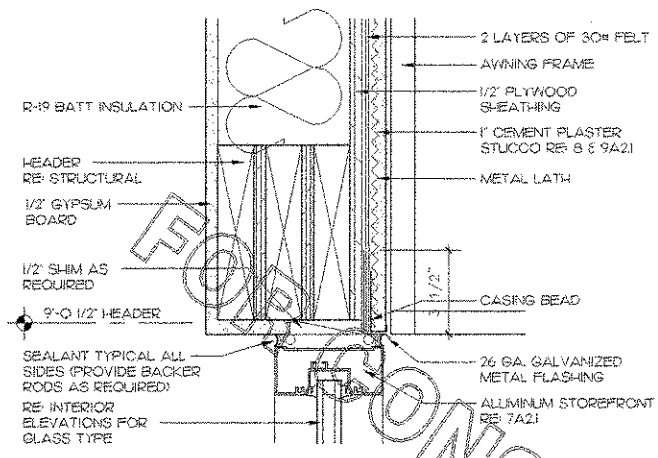
DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
PLATFORMS
WALKS/RAMPS

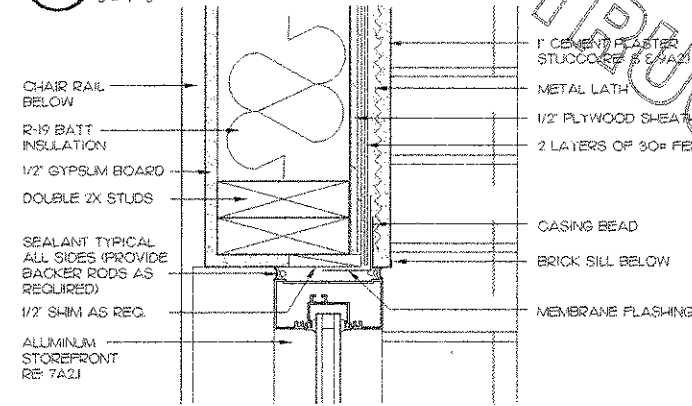
DWG EDITION 03.8

Job No. : 2004.0255
Store : 1740
Date : 8/30/04
Drawn By :
Checked By :

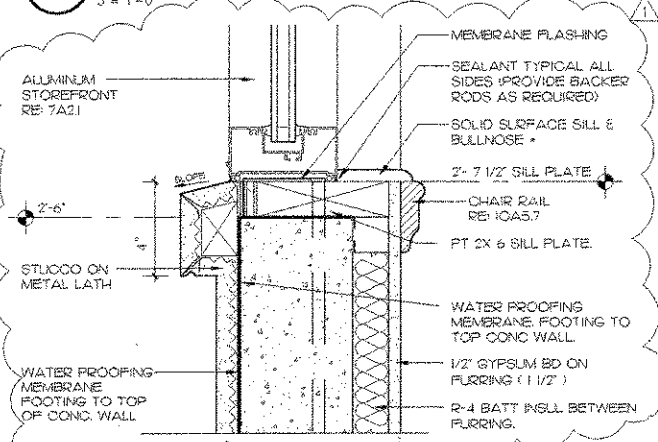
Sheet
A-3.5



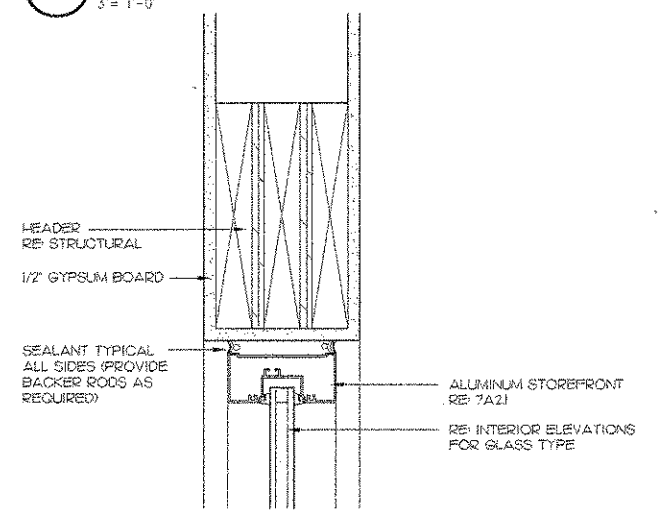
1 TYPICAL WINDOW/DOOR HEAD
3" = 1'-0"



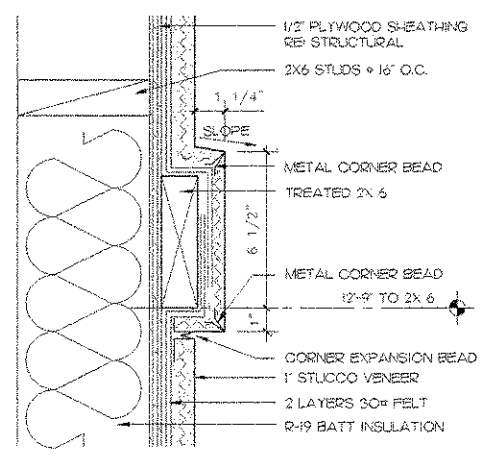
2 TYPICAL WINDOW/DOOR JAMB
3" = 1'-0"



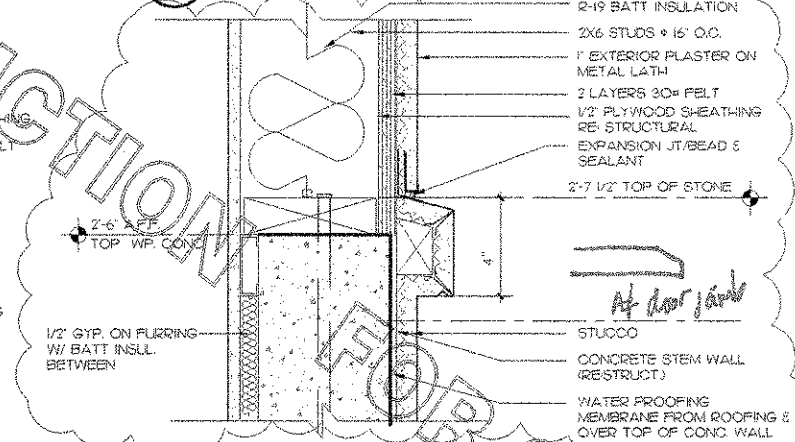
3 TYPICAL WINDOW SILL
3" = 1'-0"



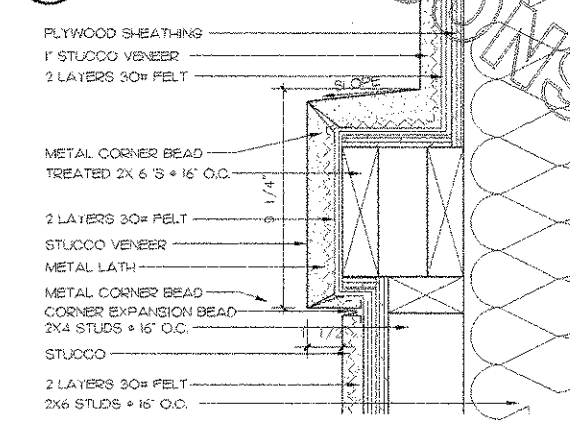
4 TYPICAL STOREFRONT HEAD
3" = 1'-0"



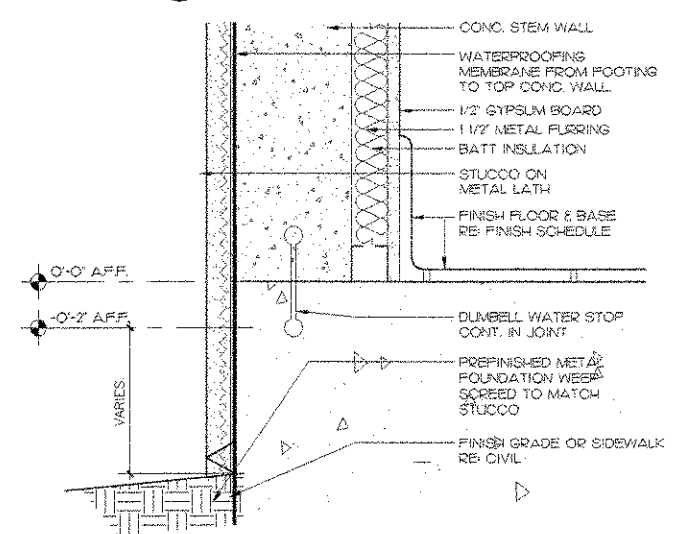
5 WALL TRIM
3" = 1'-0"



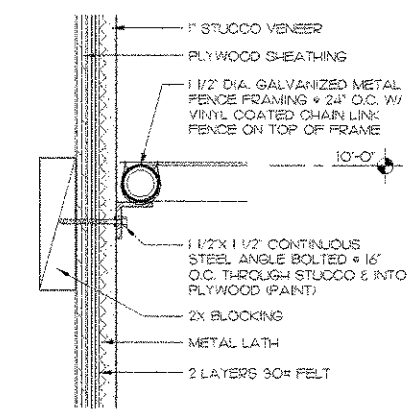
6 SILL WAINSCOT CAP
3" = 1'-0"



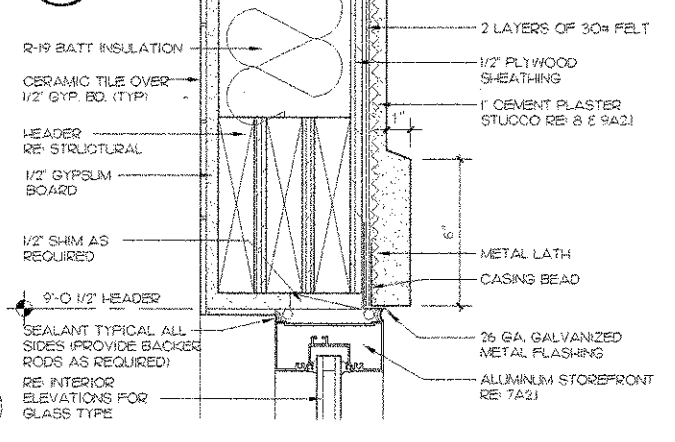
7 PILASTER CAP DETAIL
3" = 1'-0"



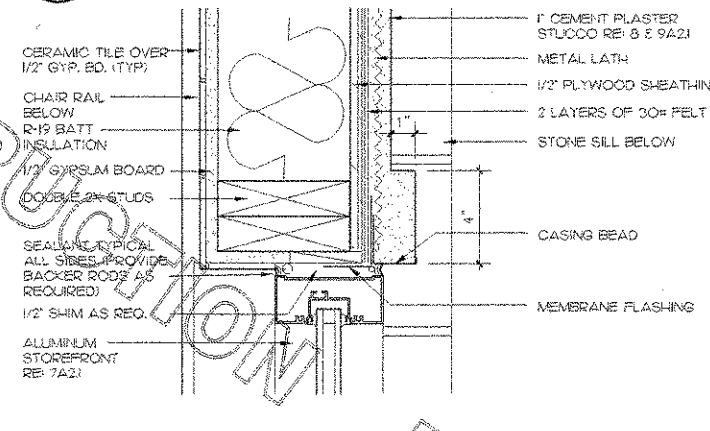
8 TYPICAL BASE OF WALL
3" = 1'-0"



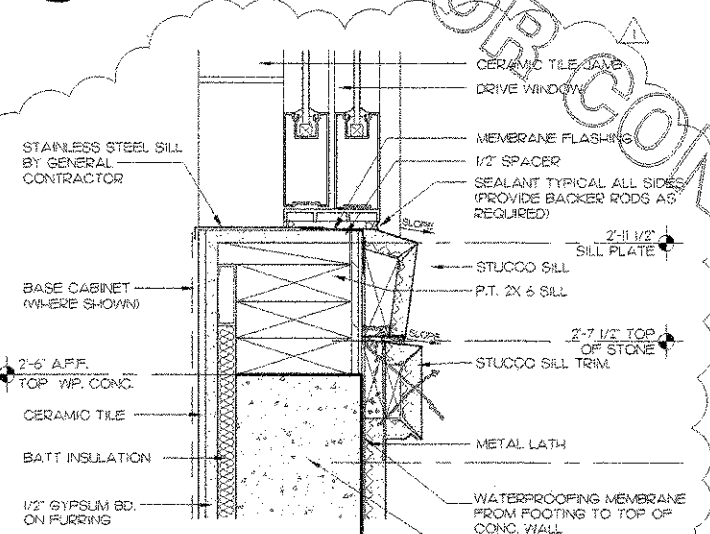
9 FENCE AT SERVICE YARD WALL
3" = 1'-0"



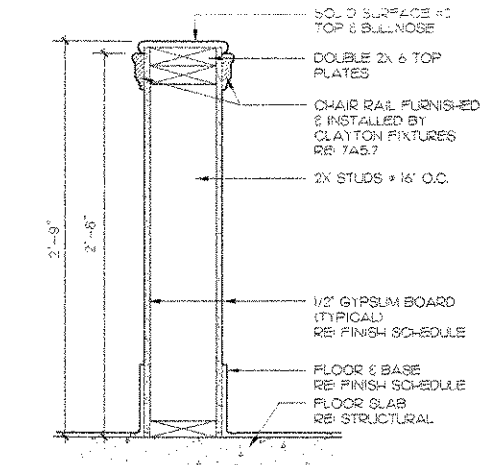
10 DRIVE-THRU HEAD
3" = 1'-0"



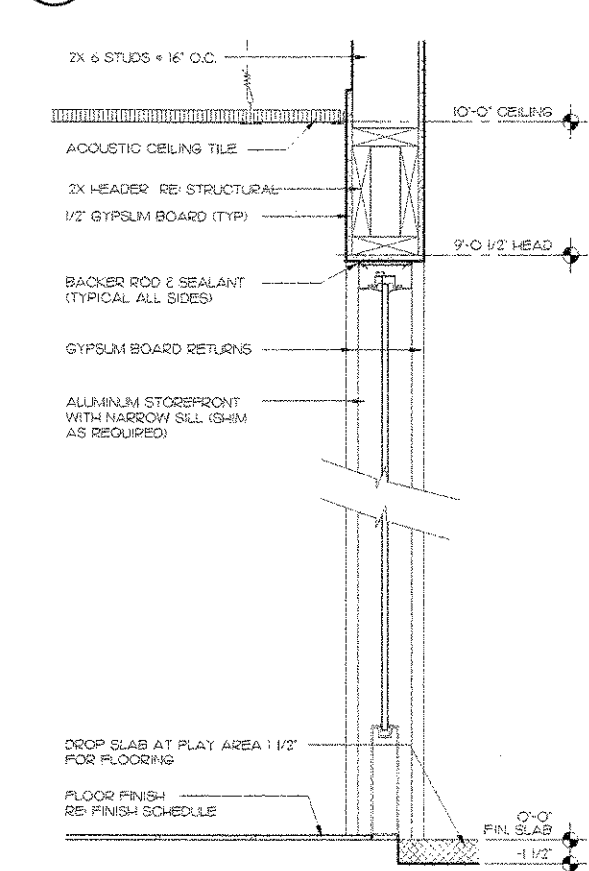
11 DRIVE THRU JAMB
3" = 1'-0"



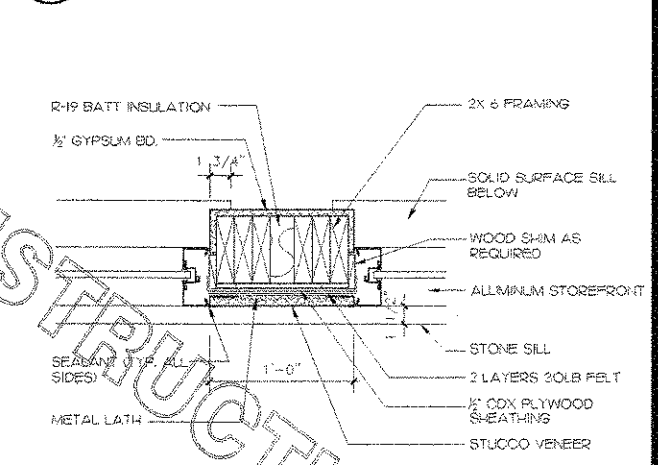
12 SILL @ DRIVE WINDOW
3" = 1'-0"



13 LOW WALL SECTION
1 1/2" = 1'-0"



14 SECTION PLAY AREA/DINING A
1 1/2" = 1'-0"



15 PLAN DETAIL AT PIER
1 1/2" = 1'-0"

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:
Mark Date By
3/17/04 res
COORD. REVISIONS

Mark Date By
Mark Date By
Mark Date By

Seal

AA 004920
CA 8460
PRALISE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32810
PH 407 445 5008
FX 407 425 9724

INTERPLAN 97
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES
FSU 03-A

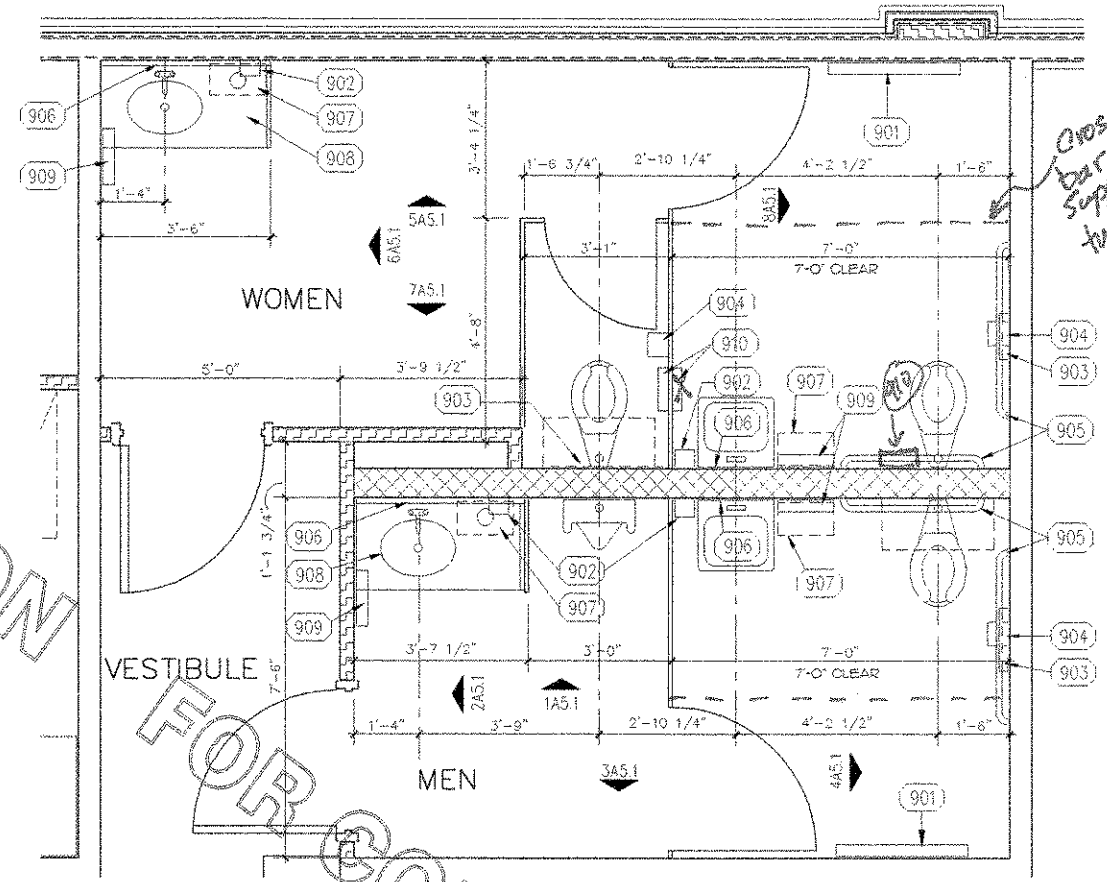
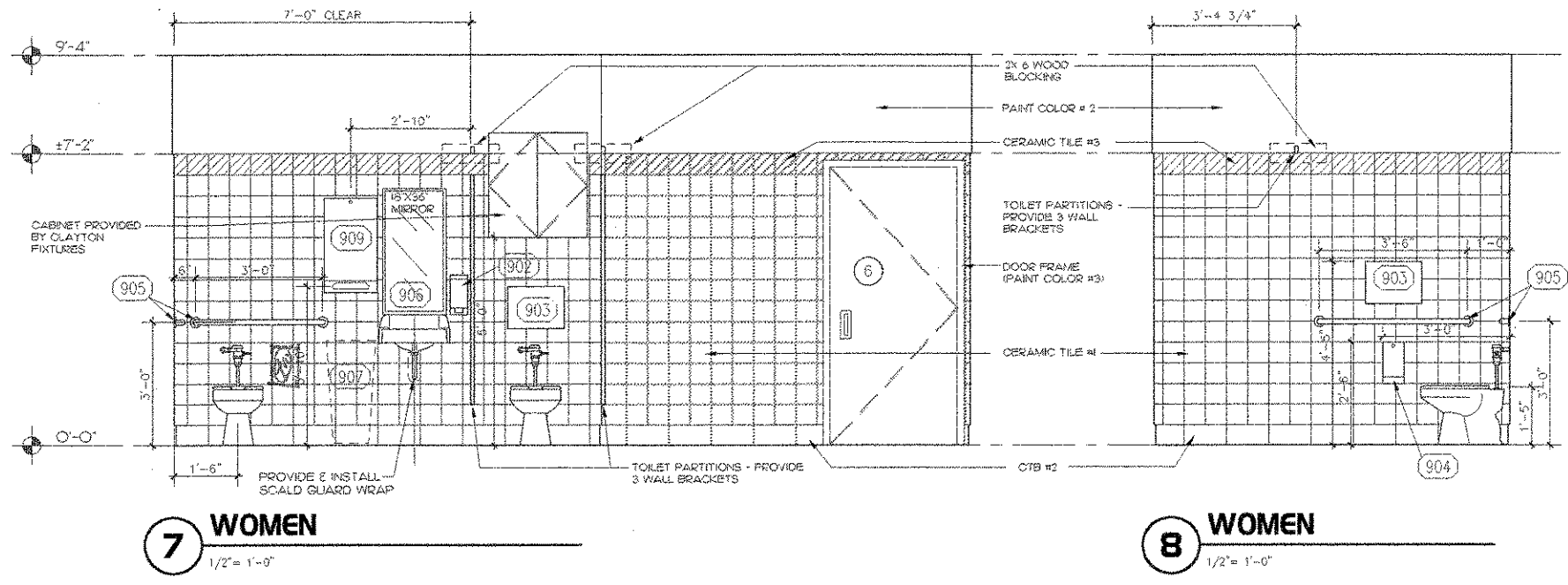
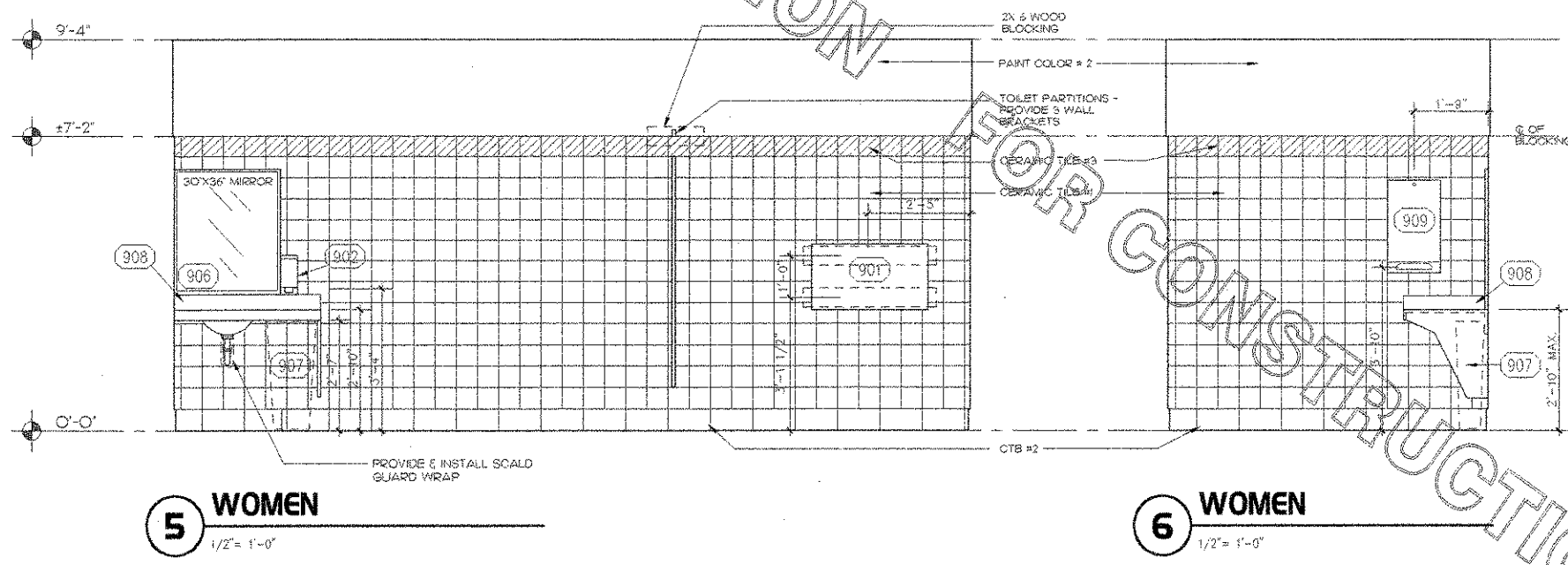
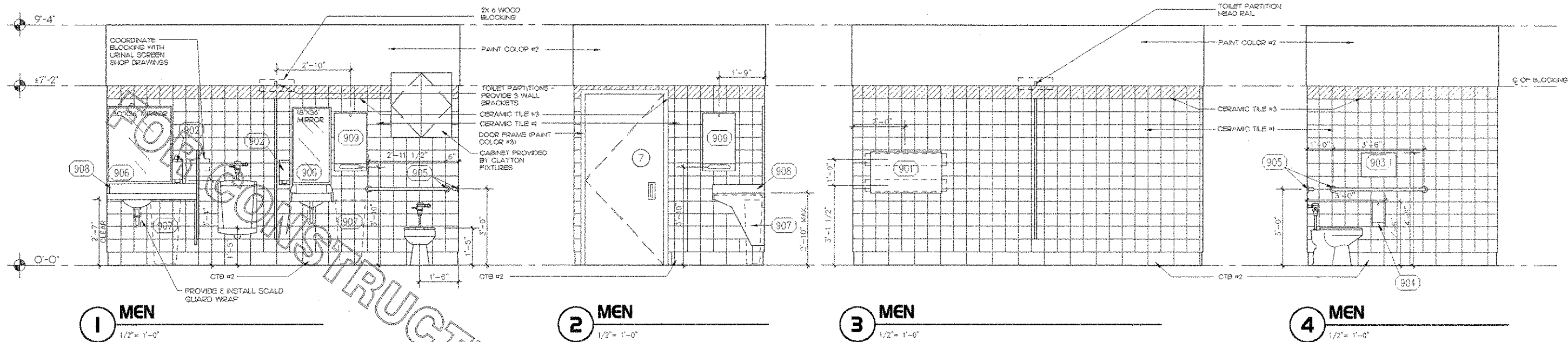
DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
EXTERIOR
DETAILS

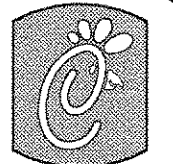
DWG EDITION 03.8

Job No. : 2004.0258
Store : 1740
Date : 8/30/04
Drawn By :
Checked By :
Sheet

A-4.I



DESCRIPTION	QUANTITY	MANUFACTURER	ASSEMBLED BY	INSTALLED BY	MODEL #
(901) BABY CHANGING STATION	2	RUBBERMAID	OWNER	EQUIPMENT INSTALLER	
(902) SOAP DISPENSER	4	SANIFRESH	MECHSET	EQUIPMENT INSTALLER	
(903) TOILET SEAT COVER DISP.	3	ASI	GENERAL CONTRACTOR	GENERAL CONTRACTOR	904775M
(904) TOILET PAPER DISPENSER	3	ASI	GENERAL CONTRACTOR	GENERAL CONTRACTOR	90060
(905) GRAB BAR	2 EACH	ASI	GENERAL CONTRACTOR	GENERAL CONTRACTOR	93201-36 & 93201-42
(906) MIRROR	4	ASI	GENERAL CONTRACTOR	GENERAL CONTRACTOR	90620-A
(907) TRASH RECEPTACLE	2	-	OWNER	EQUIPMENT INSTALLER	#1626
(908) VANITY	2	CABINET MFR.	OWNER	EQUIPMENT INSTALLER	
(909) PAPER TOWEL DISP.	2	ASI	GENERAL CONTRACTOR	GENERAL CONTRACTOR	90210
(910) SANITARY NAPKIN DISPOSAL	2	ASI	GENERAL CONTRACTOR	GENERAL CONTRACTOR	90473-A



Chick-fil-A
5200 Buffington Rd.
Atlanta Georgia,
30349-2995

Revisions:		
Mark	Date	By
△		
Mark	Date	By
△		
Mark	Date	By
△		

Seal

AA 004320
CA 9660
933 LEE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32810
PH 407.645.9008
FX 407.629.9124

INTERPLAN
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES
FSU 03-A

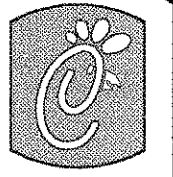
DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
RESTROOMS

DWG EDITION 03.8

Job No. : 2004.0255
Store : 1740
Date : 8/30/04
Drawn By : ---
Checked By : ---
Sheet

A-5.I



Chick-fil-A

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark	Date	By
△	8/11/04	rea
COORD. REVISIONS		

Mark	Date	By
△		

Mark	Date	By
△		

Seal

AA 004320
CA 8640
933 LEE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32810
PH 407.445.5008
FX 407.629.9124

INTERPLAN 3
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES
FSU 03-A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
INTERIOR
ELEVATIONS

DWG EDITION 03.8

Job No. : 2004.0255

Store : 1740

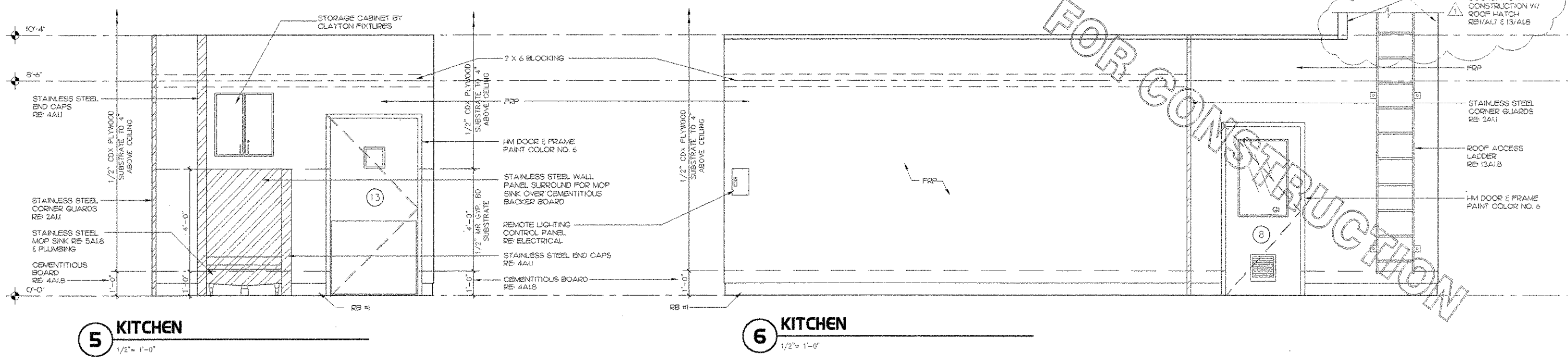
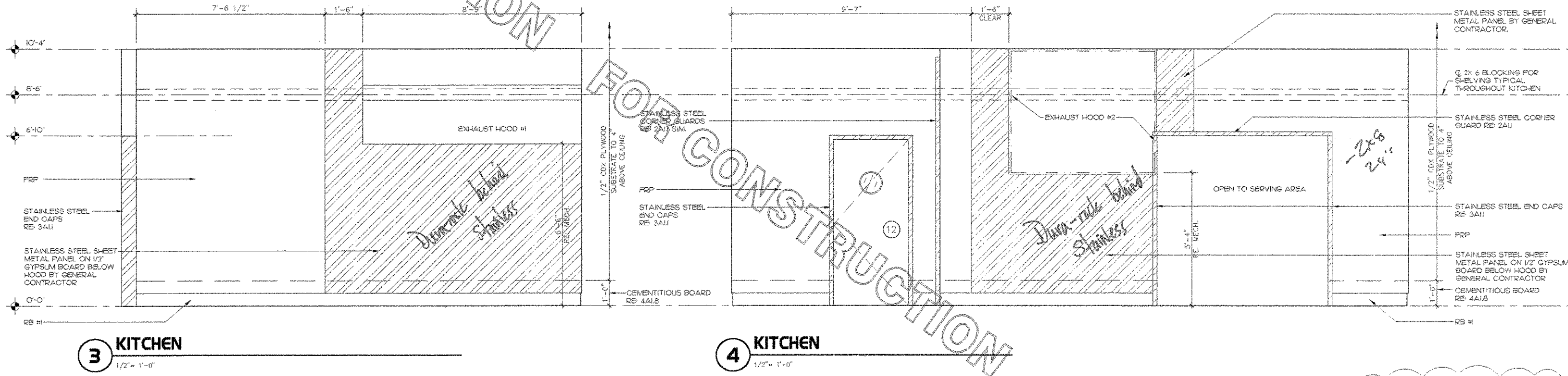
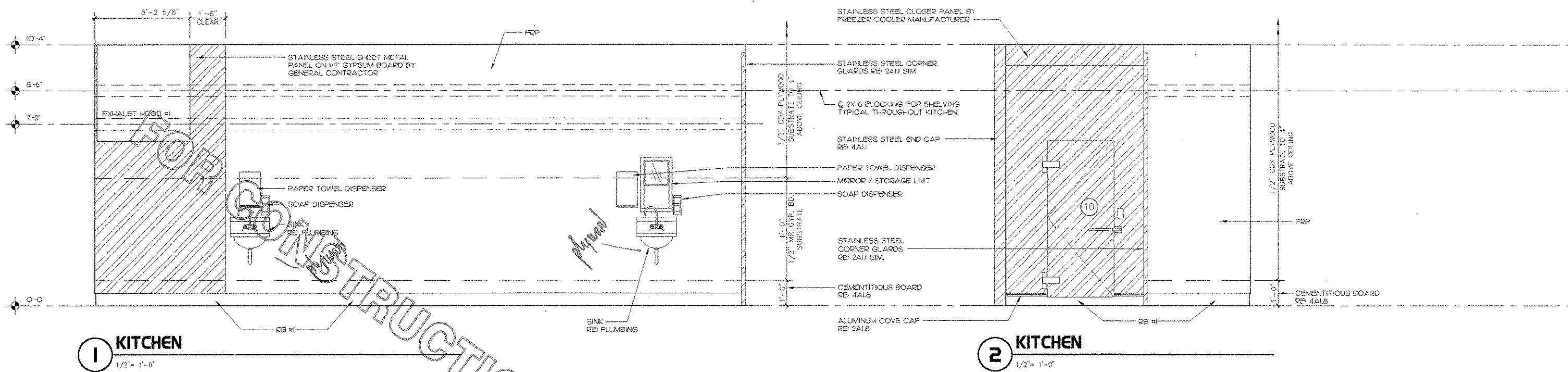
Date : 8/30/04

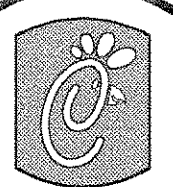
Drawn By : _____

Checked By : _____

Sheet

A-5.2





Chick-fil-e

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark	Date	By
△		
△		
△		

Seal

AA 004320
CA 0660
033 LEE ROAD, FIRST FLOOR
ORLANDO, FL 32838
PH 407 445 8008
FX 407 699 9124

INTERPLAN
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE SERIES FSU 03-A

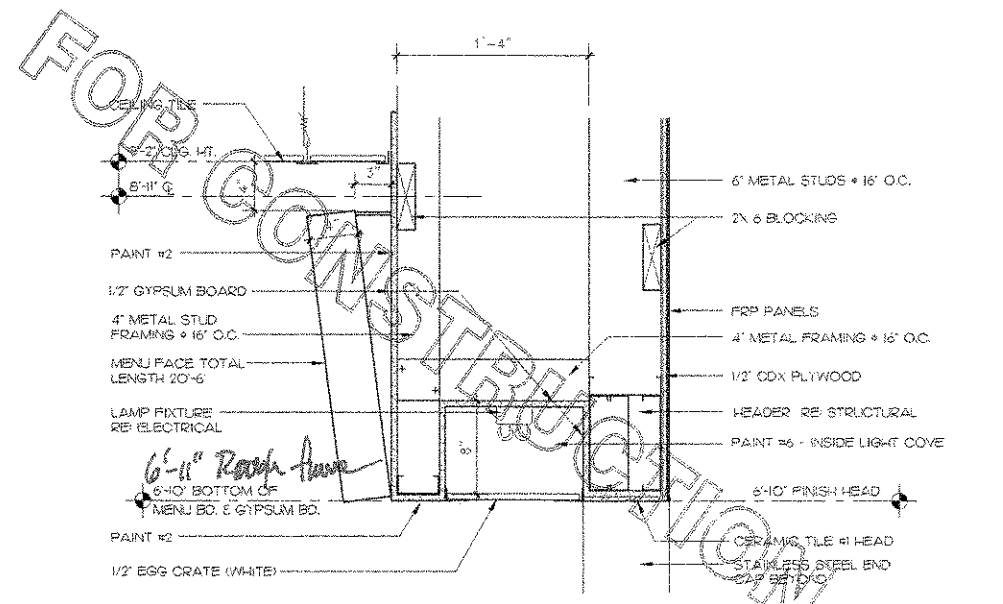
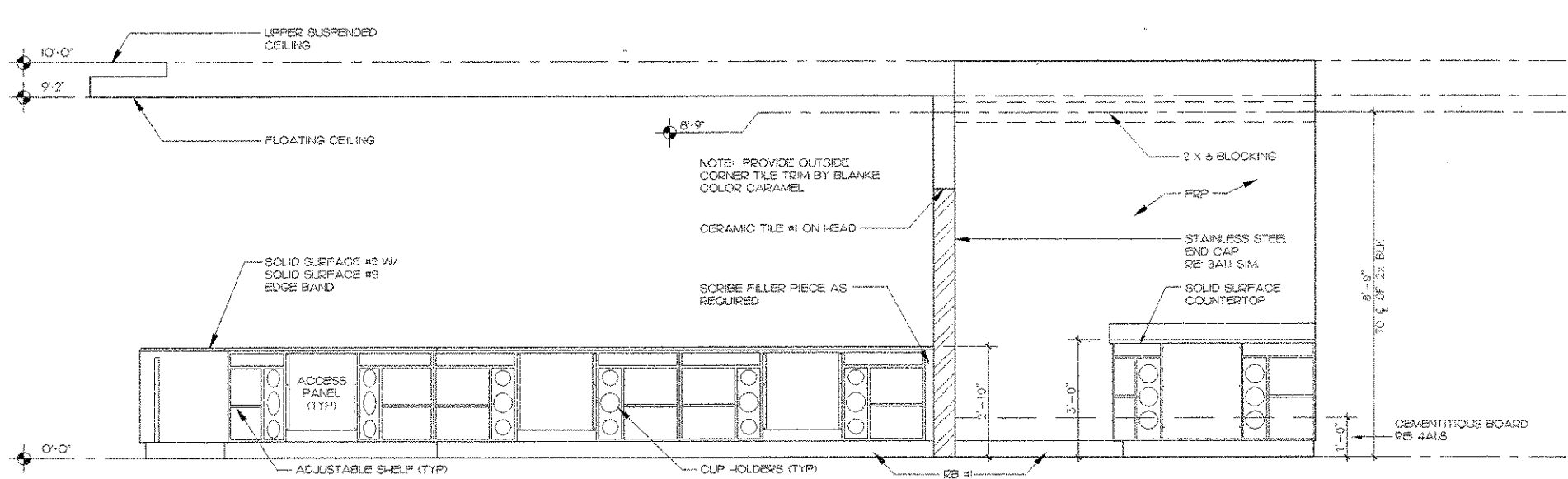
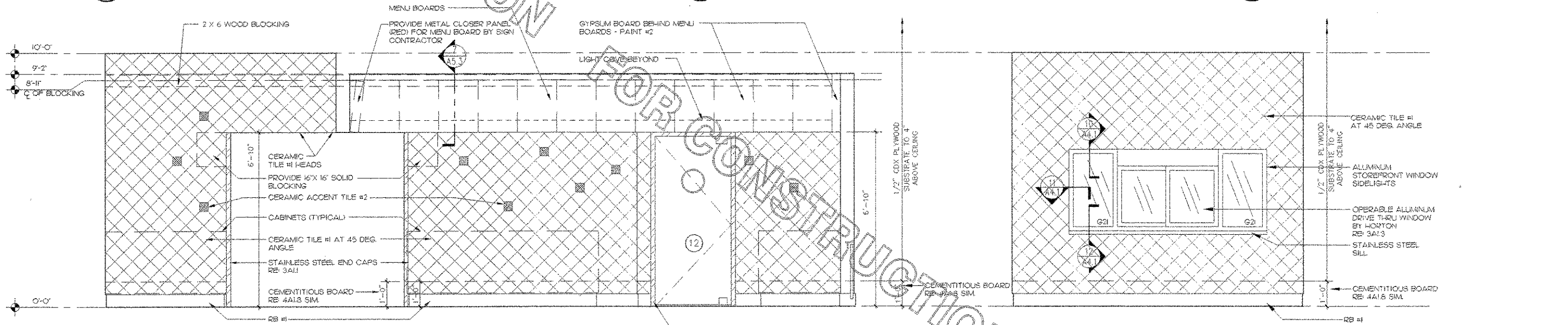
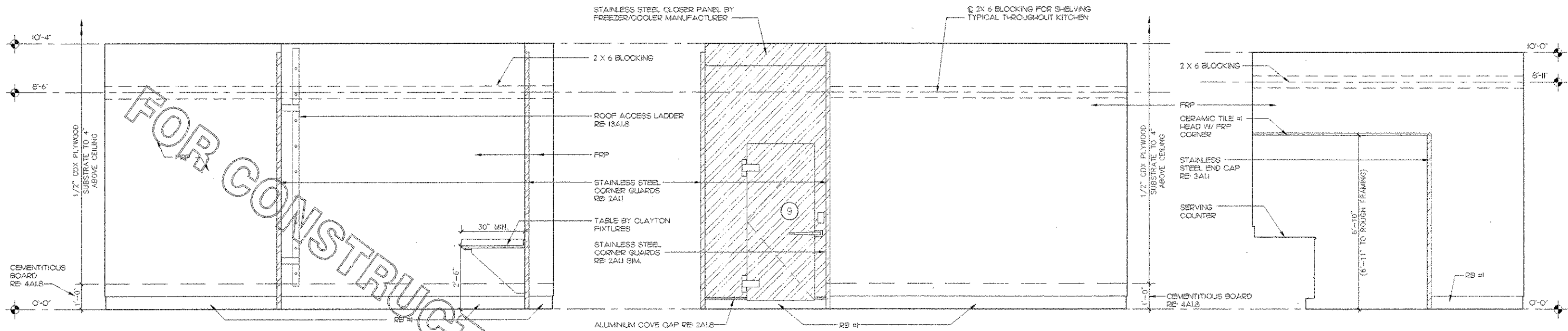
DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
INTERIOR
ELEVATIONS

DWG EDITION 03.8

Job No. : 2004.0255
Store : 1740
Date : 8/30/04
Drawn By :
Checked By :
Sheet

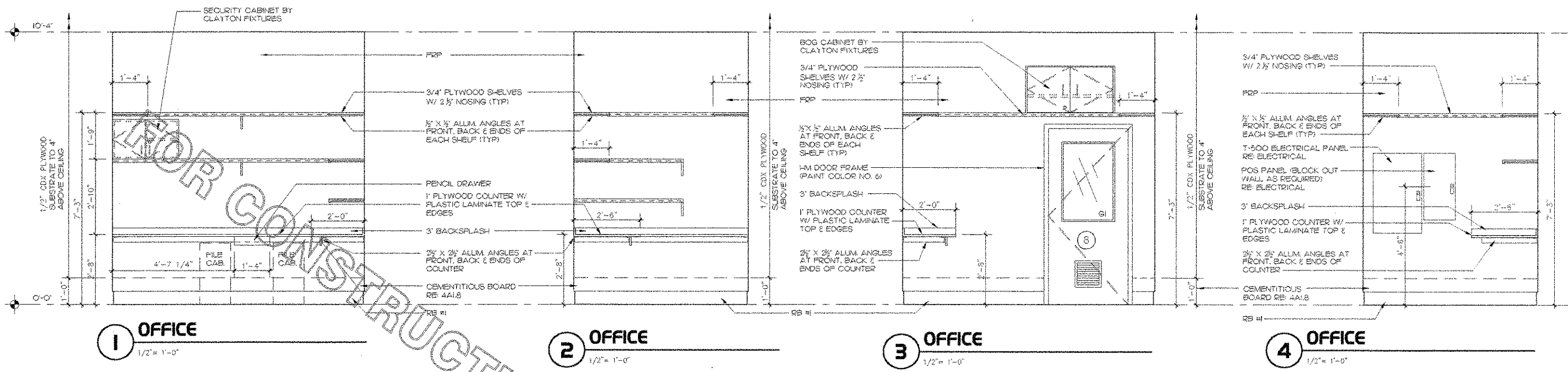
A-5.3



FOR CONSTRUCTION

FOR CONSTRUCTION

FOR CONSTRUCTION

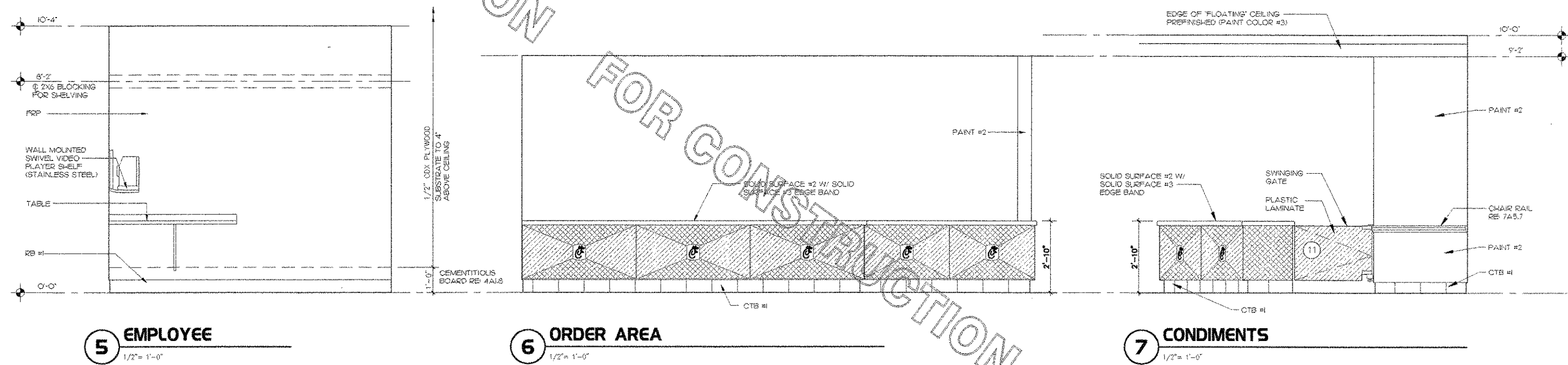


1 OFFICE
1/2" = 1'-0"

2 OFFICE
1/2" = 1'-0"

3 OFFICE
1/2" = 1'-0"

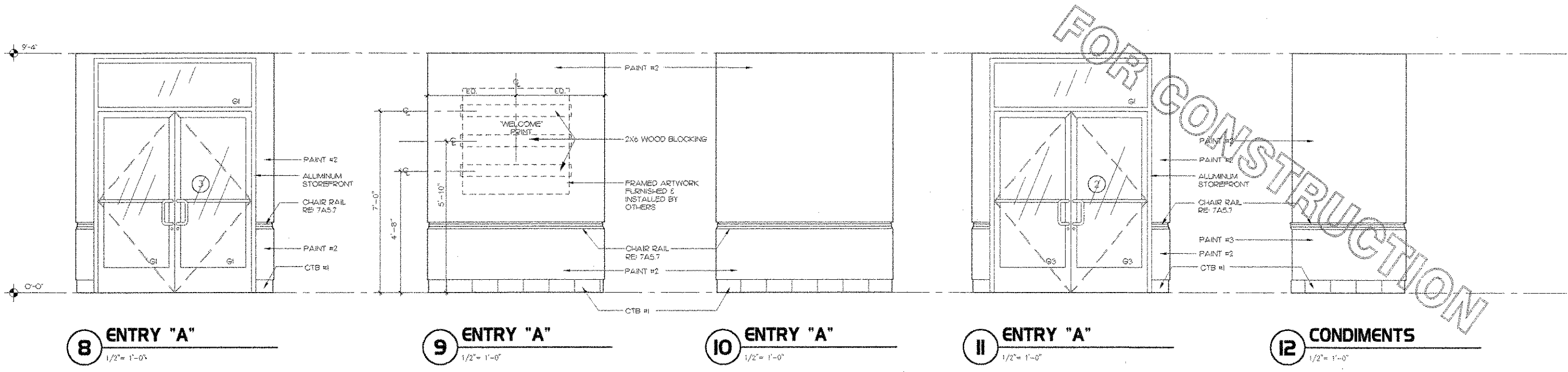
4 OFFICE
1/2" = 1'-0"



5 EMPLOYEE
1/2" = 1'-0"

6 ORDER AREA
1/2" = 1'-0"

7 CONDIMENTS
1/2" = 1'-0"



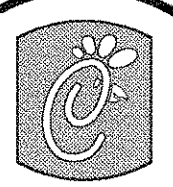
8 ENTRY "A"
1/2" = 1'-0"

9 ENTRY "A"
1/2" = 1'-0"

10 ENTRY "A"
1/2" = 1'-0"

11 ENTRY "A"
1/2" = 1'-0"

12 CONDIMENTS
1/2" = 1'-0"



Chick-fil-C

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark Date By

△

Mark Date By

△

Mark Date By

△

Seal

AA 004320
CA 8660
933 LEE ROAD, FIRST FLOOR
ORLANDO, FL 32817
ORLANDO, FL 32817
FX 407 629 9124

INTERPLAN
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES
FSU 03-A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
INTERIOR
ELEVATIONS

DWG EDITION 03.8

Job No. 2004.0255

Store 1740

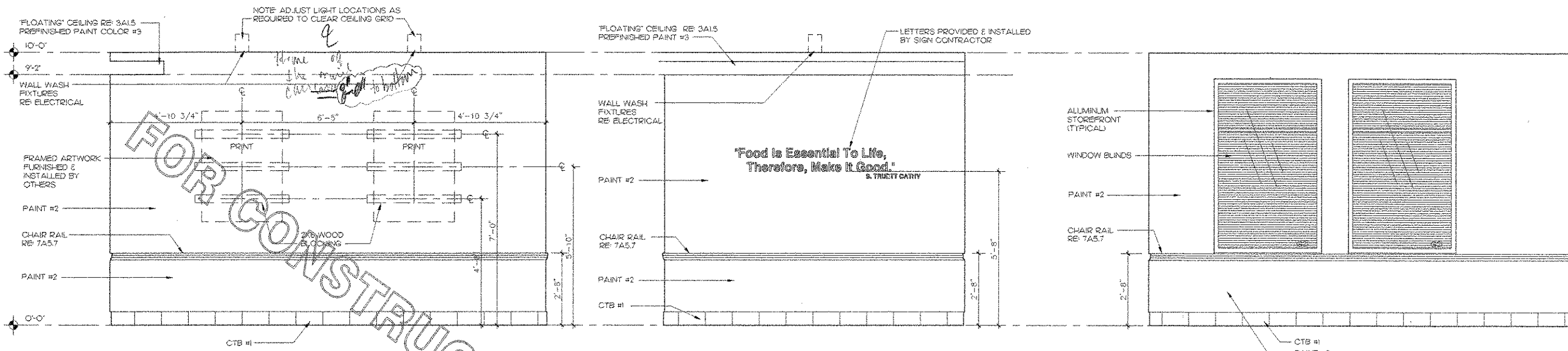
Date 8/30/04

Drawn By

Checked By

Sheet

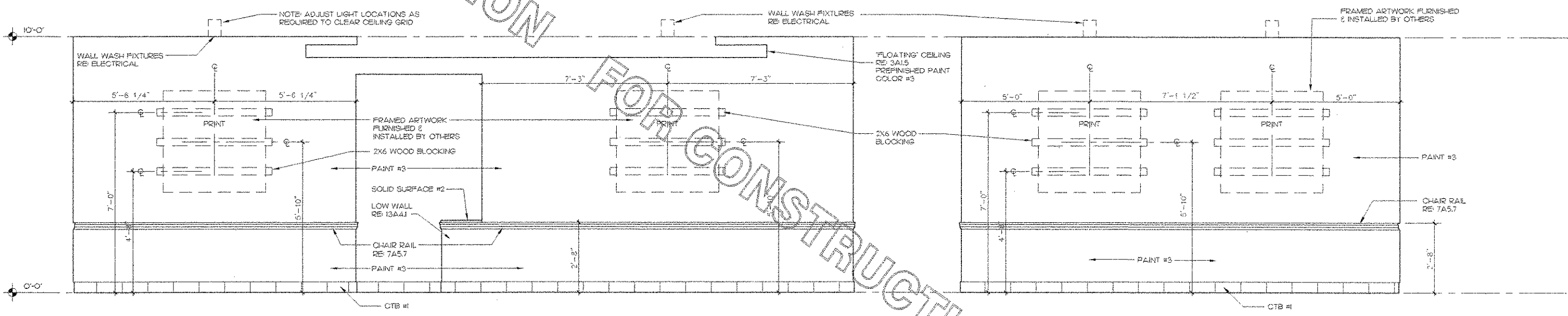
A-5.4



1 CONDIMENTS
1/2" = 1'-0"

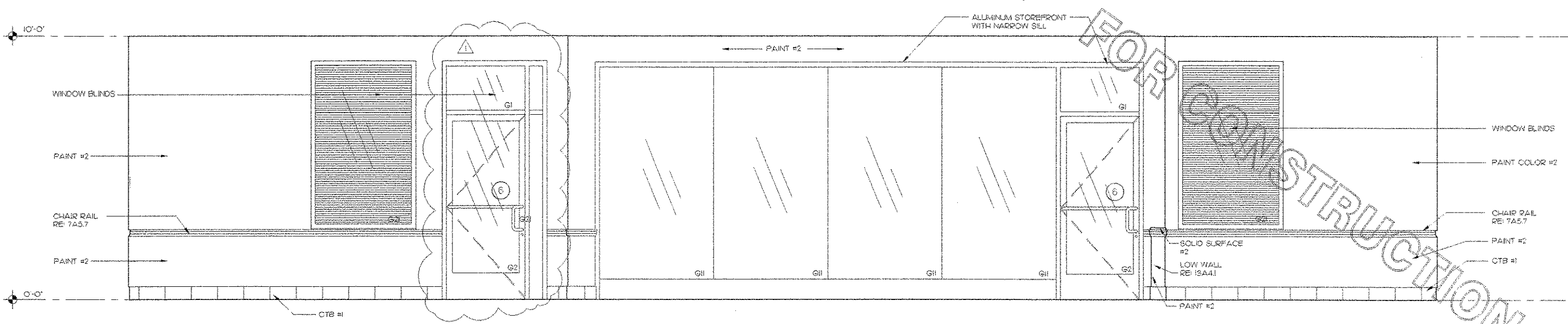
2 DINING "A"
1/2" = 1'-0"

3 DINING "B"
1/2" = 1'-0"

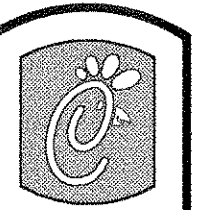


4 DINING "A"
1/2" = 1'-0"

5 DINING "B"
1/2" = 1'-0"



6 DINING "A"
1/2" = 1'-0"



Chick-fil-A

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark	Date	By
△	8/17/04	rea
COORD. REVISIONS		

Mark	Date	By
△		

Mark	Date	By
△		

Seal

A4 004320
CA 8640
933 LEE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32810
PH 407 646 6008
FX 407 697 7124

INTERPLAN OFT
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES
FSU 03-A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
INTERIOR
ELEVATIONS

DWG EDITION 03.8

Job No. : 2004.0258

Store : 1740

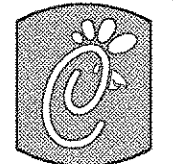
Date : 8/30/04

Drawn By : ---

Checked By : ---

Sheet

A-5.5



Chick-fil-A

5200 Buffington Rd.
Atlanta Georgia,
30349-2996

Revisions:

Mark Date By

△

Mark Date By

△

Mark Date By

△

Seal

AA 004320
CA 6660
933 LEE ROAD, FIRST FLOOR
CRAWFORD, TX 75745-8108
TX 807.629.9124

INTERPLAN
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES
FSU 03-A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
INTERIOR
ELEVATIONS

DWG EDITION 03.8

Job No. : 2004.0255

Store : 1740

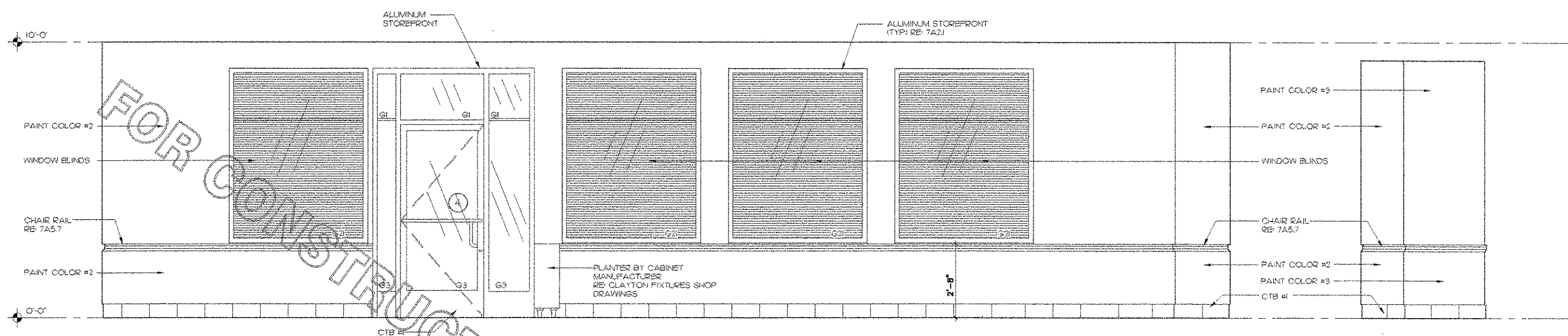
Date : 8/30/04

Drawn By : _____

Checked By : _____

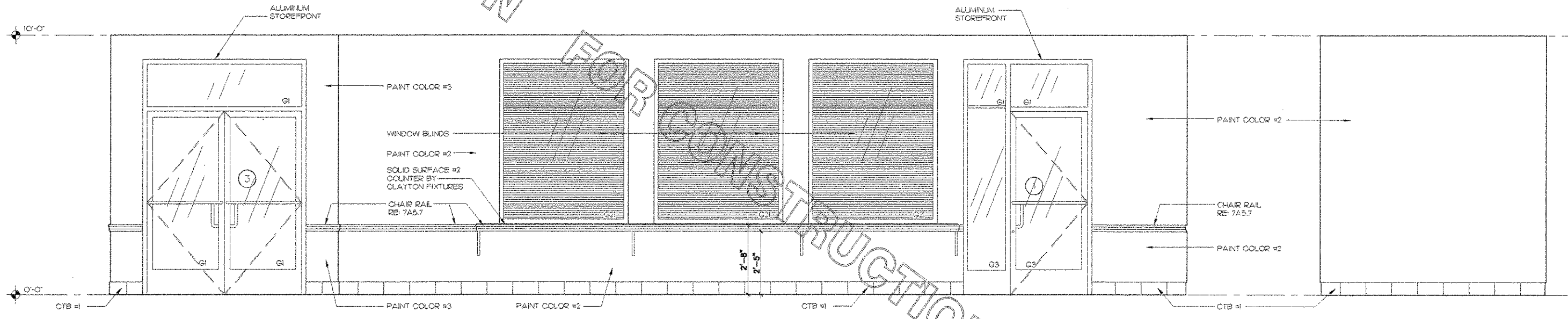
Sheet

A-5.6



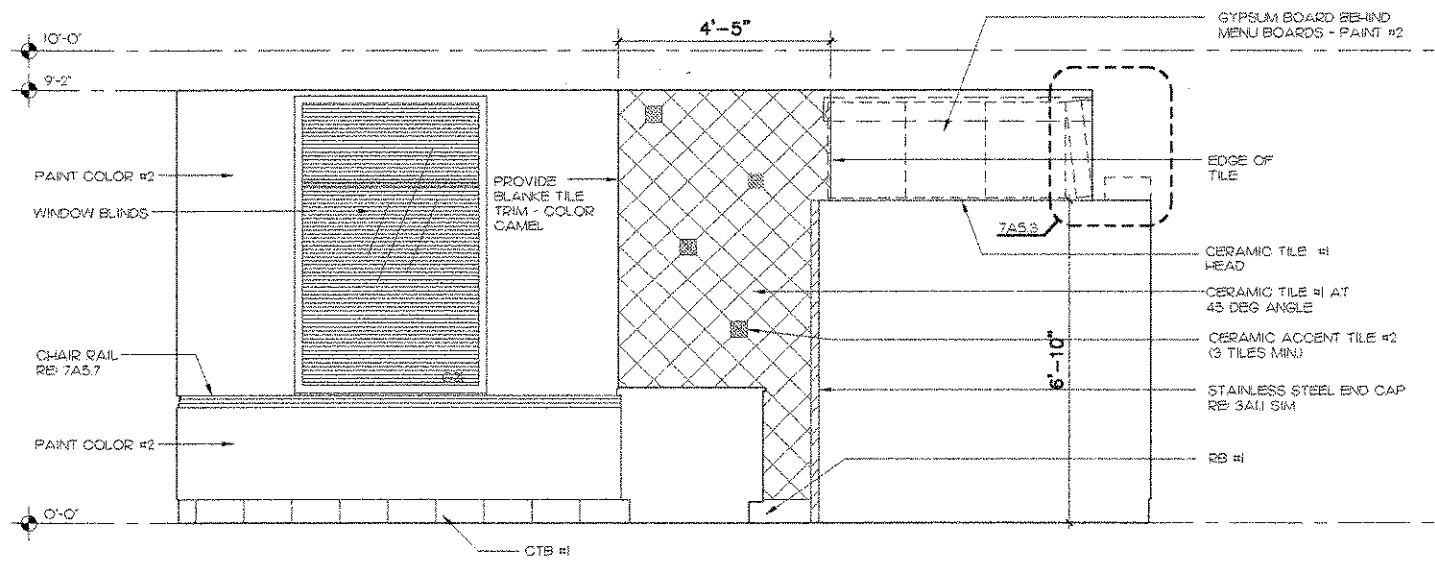
1 DINING "A"
1/2" = 1'-0"

2 DINING "A"
1/2" = 1'-0"

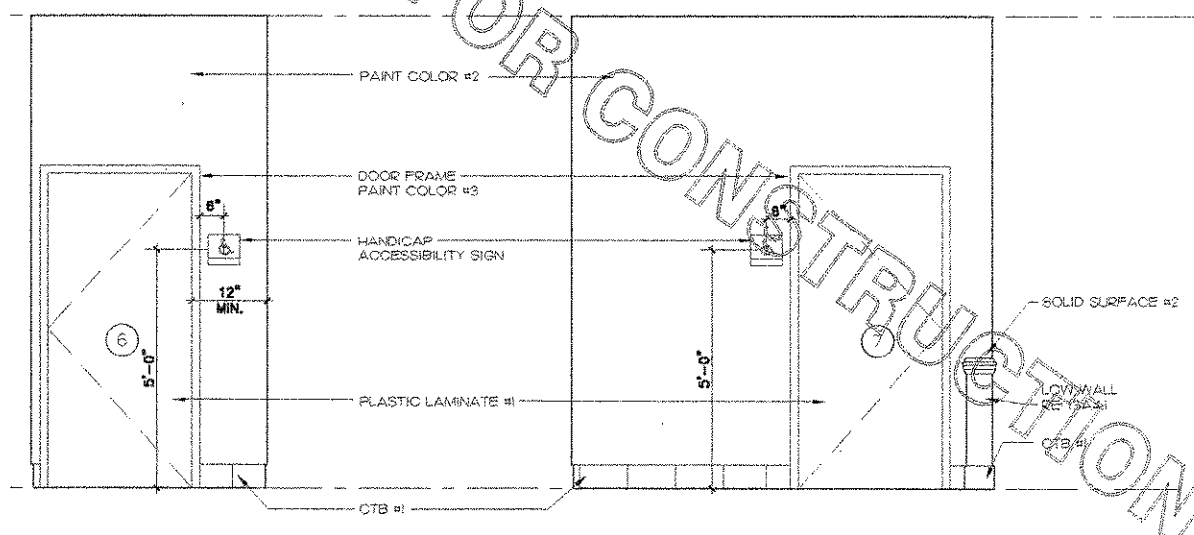


3 CONDIMENTS/ORDER
1/2" = 1'-0"

4 VESTIBULE
1/2" = 1'-0"

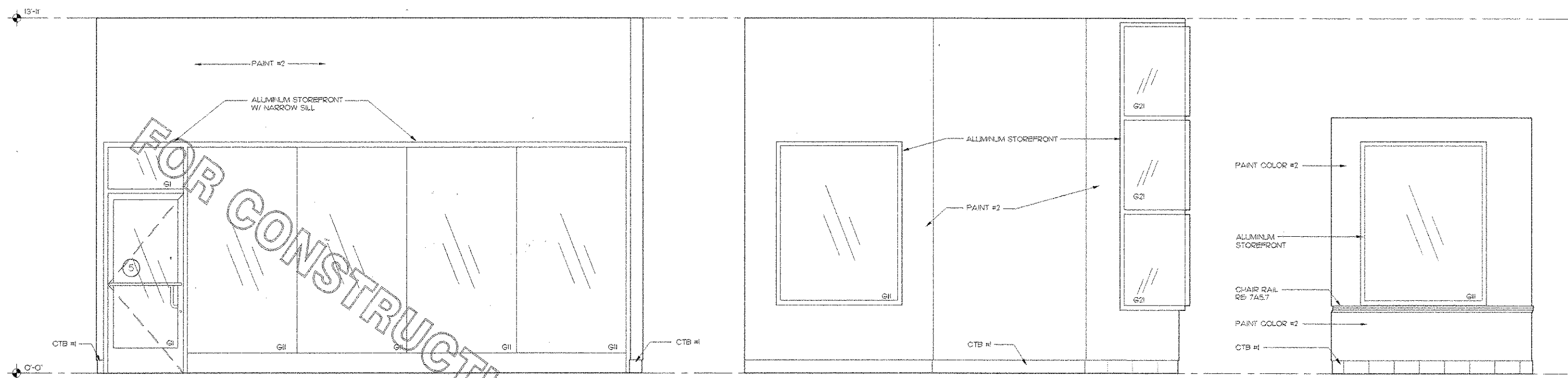


5 ORDER/SERVING
1/2" = 1'-0"



6 VESTIBULE
1/2" = 1'-0"

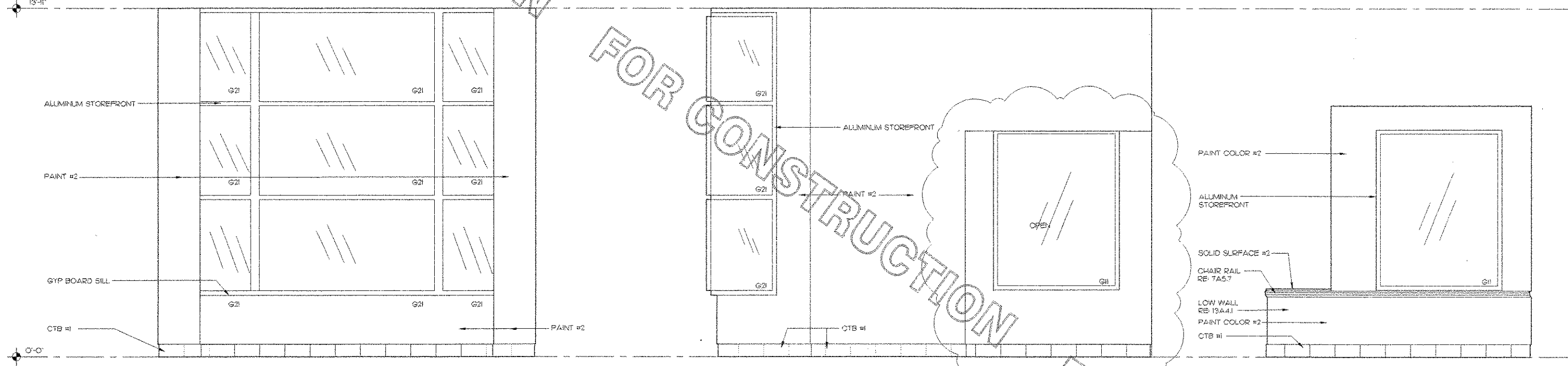
7 VESTIBULE
1/2" = 1'-0"



1 PLAY AREA
1/2" = 1'-0"

2 PLAY AREA
1/2" = 1'-0"

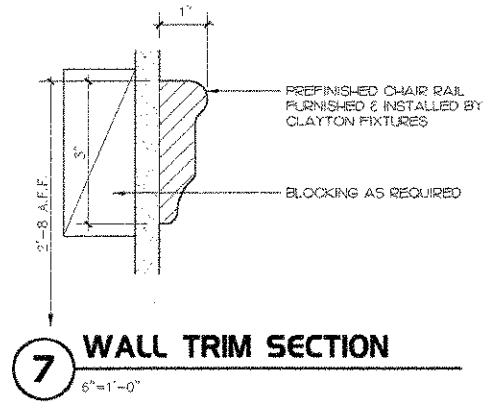
3 DINING "B"
1/2" = 1'-0"



4 PLAY AREA
1/2" = 1'-0"

5 PLAY AREA
1/2" = 1'-0"

6 DINING "B"
1/2" = 1'-0"



7 WALL TRIM SECTION
6" = 1'-0"



Chick-fil-C

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark	Date	By
△	9/17/04	res
COORD. REVISIONS		

Mark	Date	By
△		

Mark	Date	By
△		

Seal

AA 004020
CA 8660
933 LEE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32810
PH 407 648 5008
FX 407 659 9124

INTERPLAN
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES
FSU 03-A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
INTERIOR
ELEVATIONS

DWG EDITION 03.8

Job No. : 2004.0255
Store : 1740
Date : 8/30/04
Drawn By : ---
Checked By : ---

Sheet

A-5.7



Chick-fil-e

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark Date By
3 10/15/04 RCH
OWNER COMMENTS/
RETAINING WALL

Mark Date By

Mark Date By

Seal

AA 00020
CA 6660
933 LEE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32810
PH 407.645.5338
FX 407.629.9124

INTERPLAN
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES
FSU 03-A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
FOUNDATION PLAN

OWG EDITION 03.8

Job No. : 2004.0255

Store : 1740

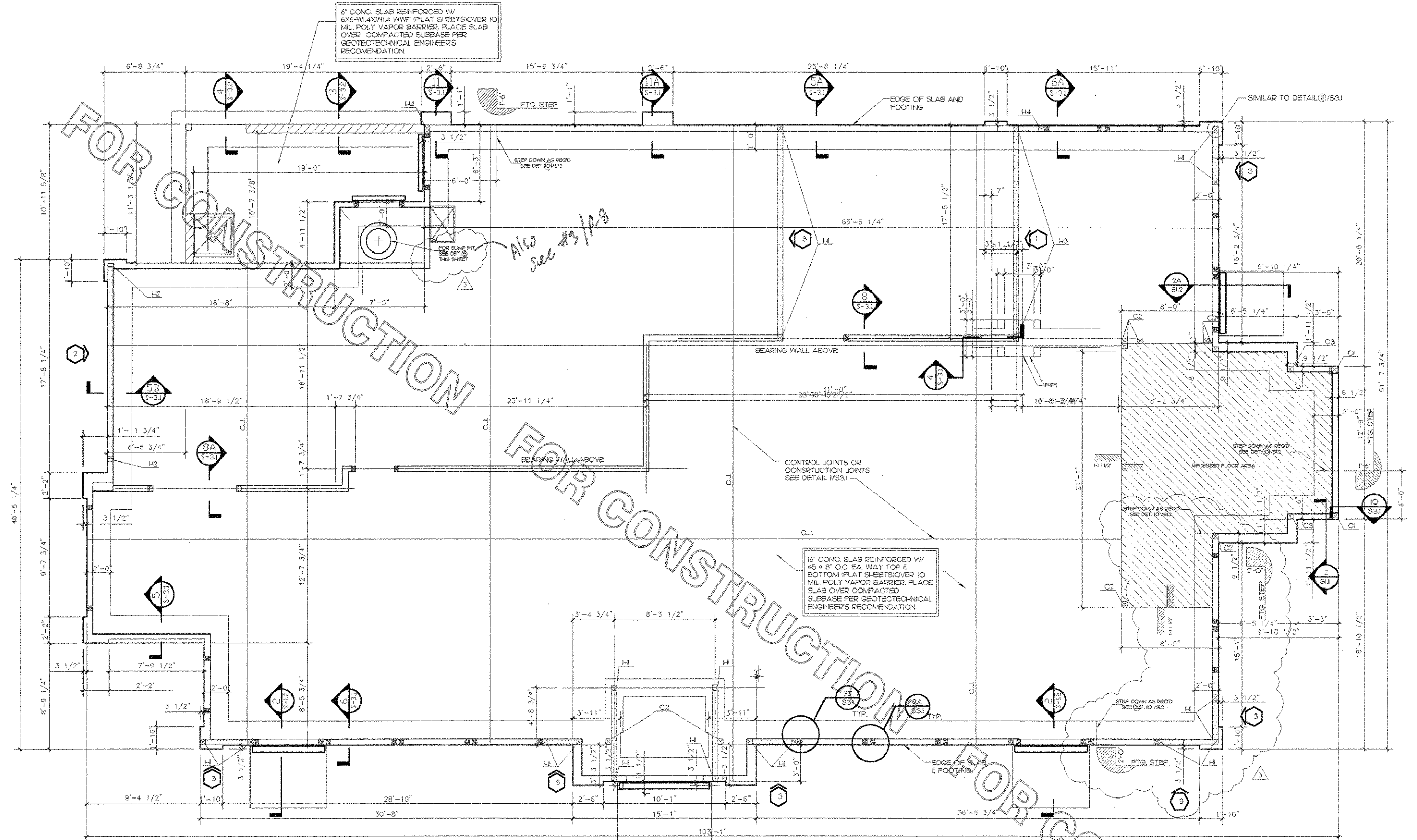
Date : 8/30/04

Drawn By : _____

Checked By : _____

Sheet

SI.1



1 FOUNDATION PLAN
1/4" = 1'-0"

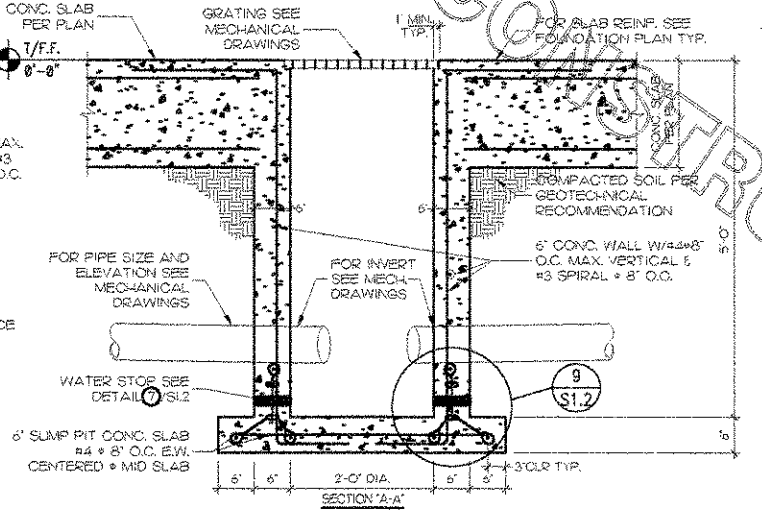
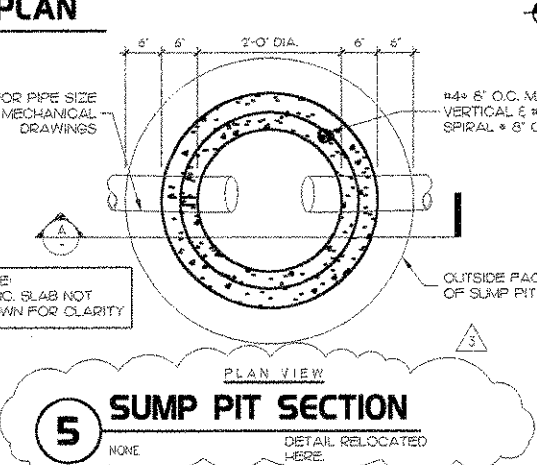
MARK	SIZE (WOOD)	COLUMN BASE (SIMPSON)
C1	4X6	ABU46
C2	6X6	ABU66
C3	4X4	ABU44

3 COLUMN SCHEDULE

MARK	END POST	HOLDOWN (SIMPSON)	ANCHOR BOLT SIZE & EMBEDMENT
H1	6X6	H014A	SEE DETAIL 3/S3.1
H2	TRIPLE 6\"/>	S4H015	SEE DETAIL 3/S3.1
H3	6X6	H06A	SEE DETAIL 3/S3.1
H4	6X6	H02A	SEE DETAIL 3/S3.1

4 SHEARWALL HOLDOWN SCHEDULE

MARK	END POST	HOLDOWN (SIMPSON)	ANCHOR BOLT SIZE & EMBEDMENT
H1	6X6	H014A	SEE DETAIL 3/S3.1
H2	TRIPLE 6\"/>	S4H015	SEE DETAIL 3/S3.1
H3	6X6	H06A	SEE DETAIL 3/S3.1
H4	6X6	H02A	SEE DETAIL 3/S3.1



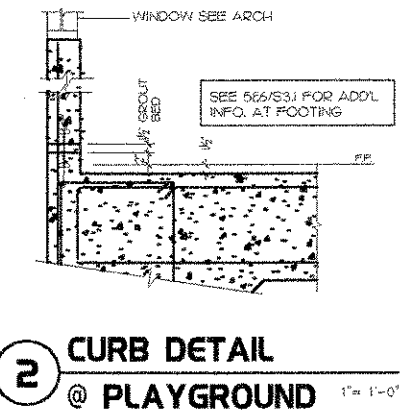
LEGEND:

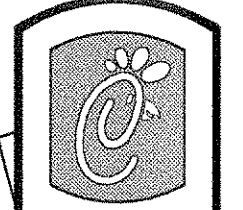
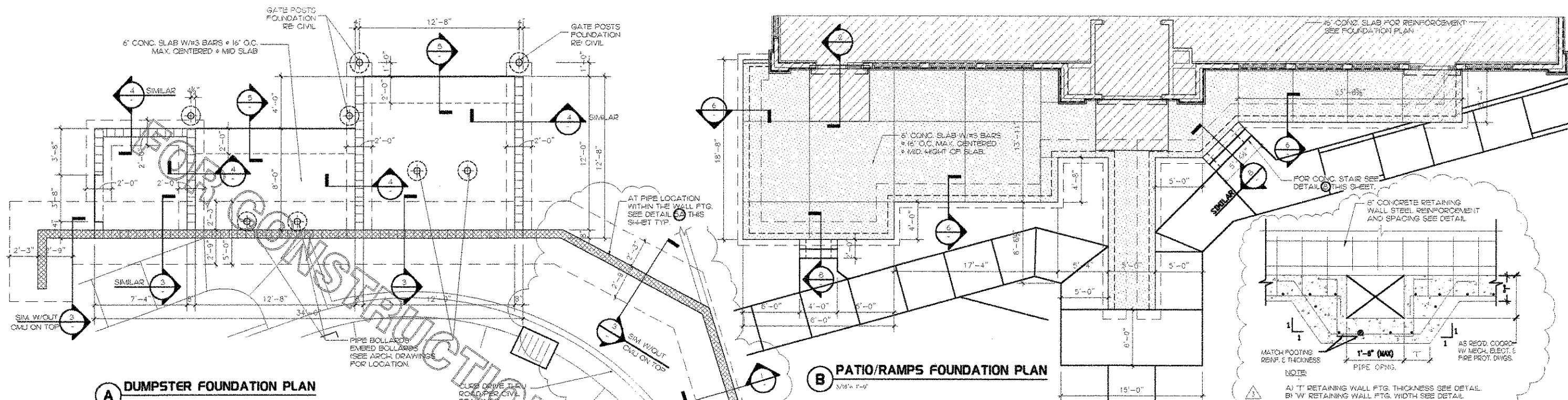
- INDICATE SHEAR WALL, SEE 1/S3.2 FOR SHEAR WALL SCHEDULE
- MASONRY WALL
- SHEAR WALL #, SEE SCHEDULE 1/S3.2

NOTES:

- BOTTOM OF EXTERIOR FTG. (PER DETAILS ON S3.1)
- SEE ARCH. DWGS FOR ANY WALL LOCATIONS AND OR DIMENSIONS NOT SHOWN
- SEE DETAIL 1/S3.1 FOR SLAB CONTROL JOINTS
- ALL LOAD BEARINGS AND SHEAR WALLS ARE 2X6S X 16\"/>
- ALL SAW CUT CONTROL JOINTS SHALL BE COMPLETED WITHIN 12 HOURS AFTER FINISHING SLAB WITHOUT DISLOGGING AGGREGATE.

NOTE TO G.C.:
WATER STOP SHALL BE CONTINUOUS AND FUSED TOGETHER AT CORNERS, INTERSECTIONS & SPLICES PER MFR. TO ENSURE WATER TIGHTNESS.





5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark	Date	By
1	9/17/04	res
COORD. REVISIONS		
2	10/15/04	RKH
CLIENT COMMENTS/ RETAINING WALL		
3		
Mark Date By		
REVISIONS		

Seal

AA 004320
CA 6640
933 LEE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32810
PH 407.445.5318
FX 407.699.9124

INTERPLAN
ARCHITECTURE
ENGINEERING
DESIGN
PROJECT MANAGEMENT

STORE
SERIES
FSU 03-A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
FOUNDATION
PLAN

DWG EDITION 03.8

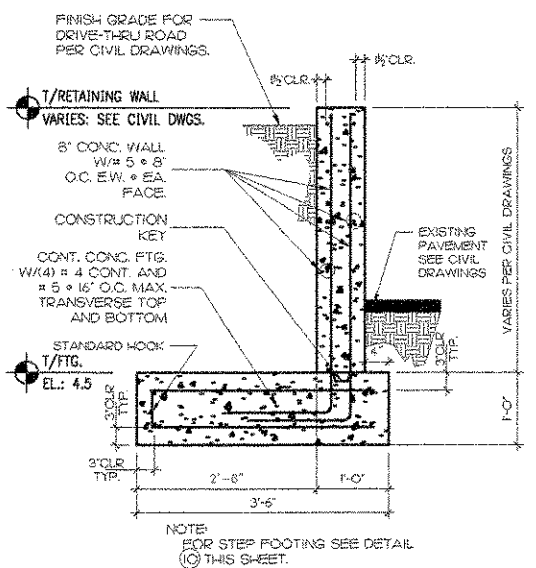
Job No. : 2004.0255
Store : 1740
Date : 8/30/04
Drawn By : FDC
Checked By :
Sheet

SI.2

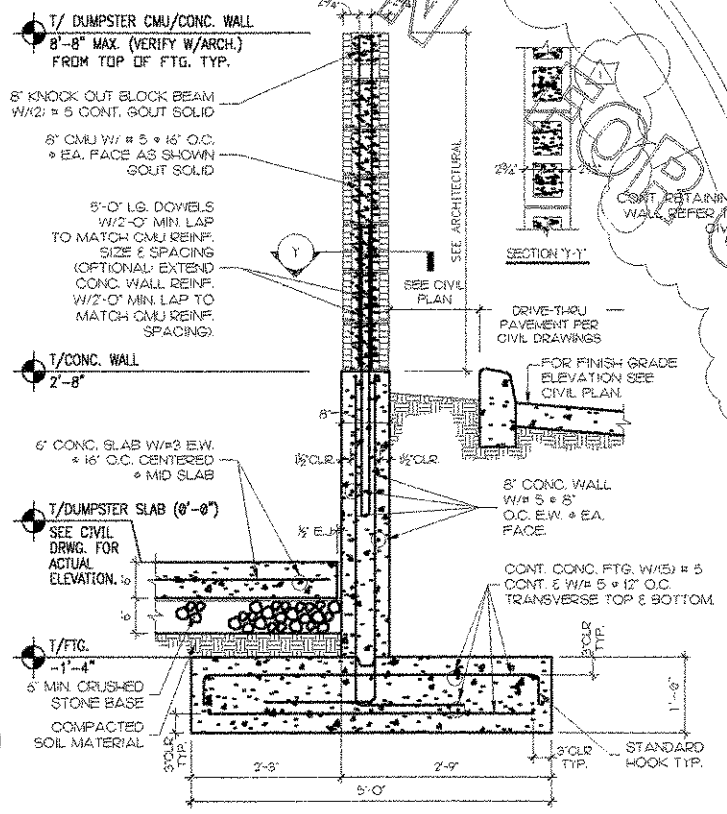
A DUMPSTER FOUNDATION PLAN
1/4" = 1'-0"

B PATIO/RAMPS FOUNDATION PLAN
1/8" = 1'-0"

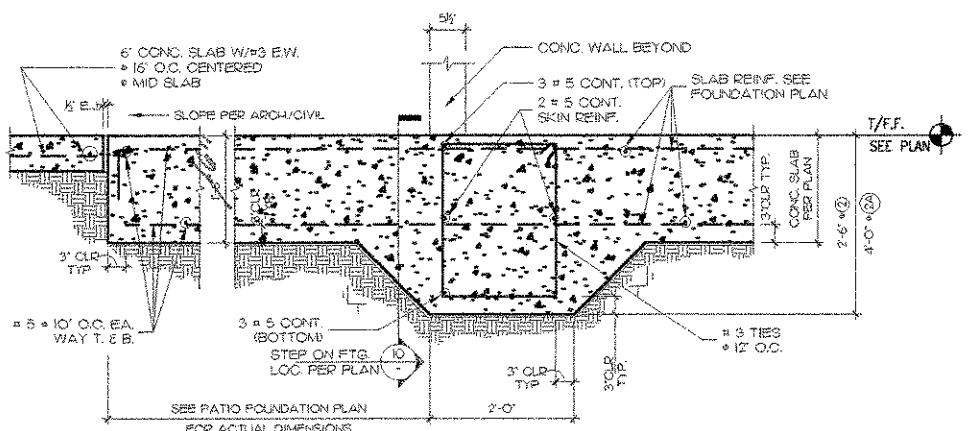
5A TYPICAL STEP FOOTING AT PIPES LOCATION
NTS



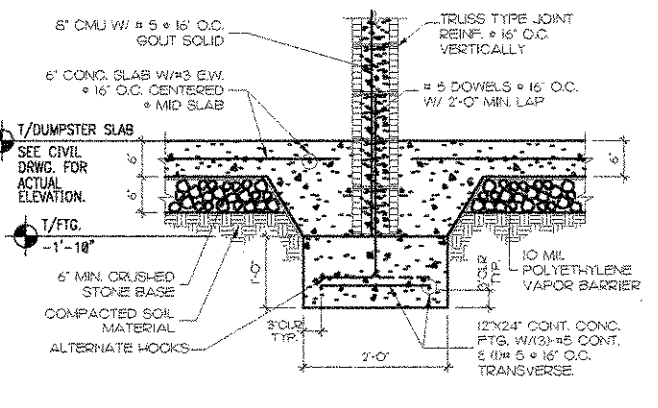
1 RETAINING ADJACENT TO ROAD WAY
NTS



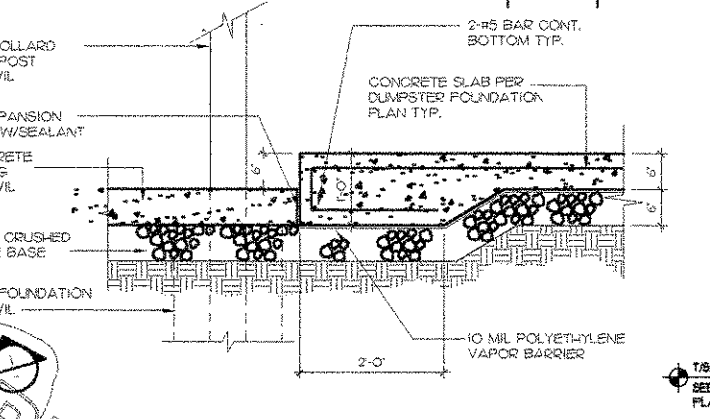
3 DUMPSTER RETAINING WALL
NTS



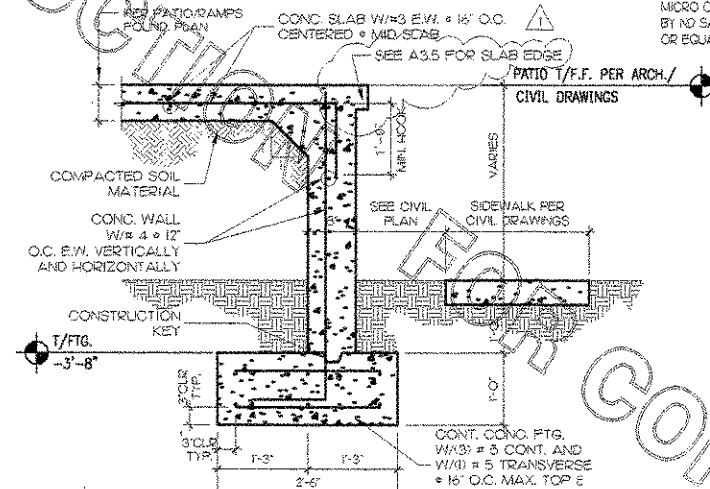
2A TYPICAL SECTION @ DOORS & FLOOD BARRIERS
NTS



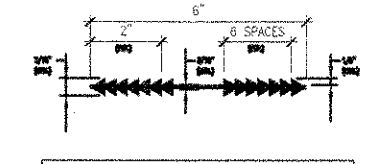
4 DUMPSTER INTERIOR FOOTING
NTS



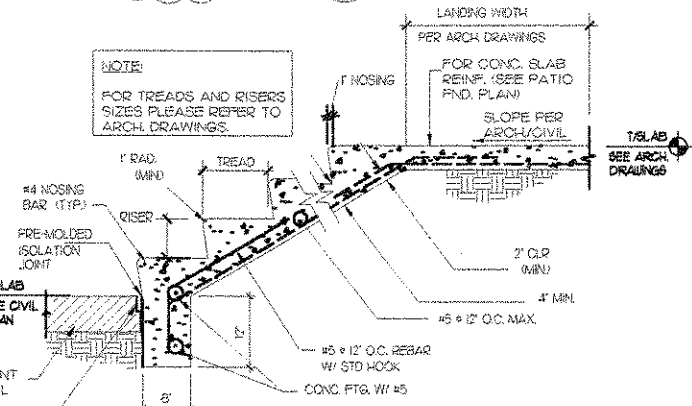
5 REFUSE PAD AT CONCRETE PAVING DETAIL
NTS



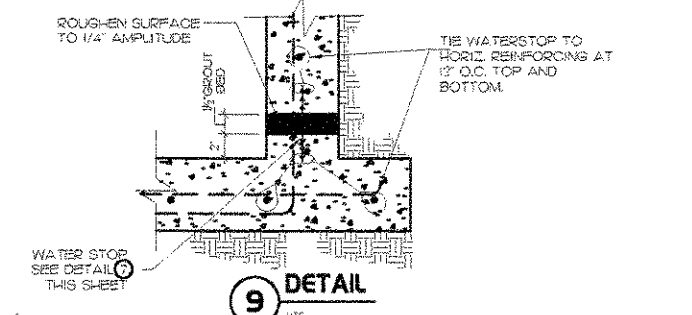
6 PATIO/RAMP RETAINING WALL
NTS



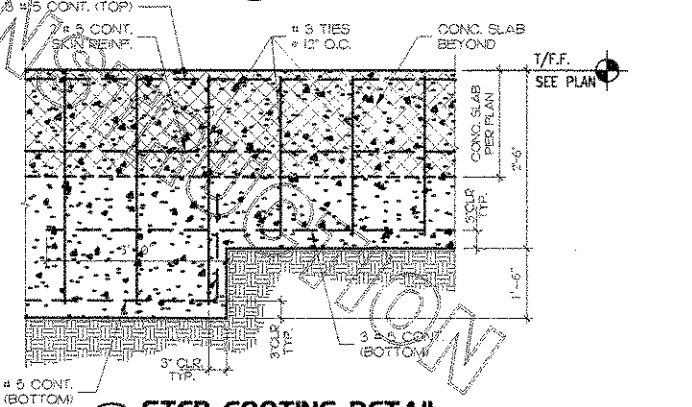
7 FLATSTRIP WATERSTOP
NTS



8 TYP. CONCRETE STAIR DETAIL
NTS

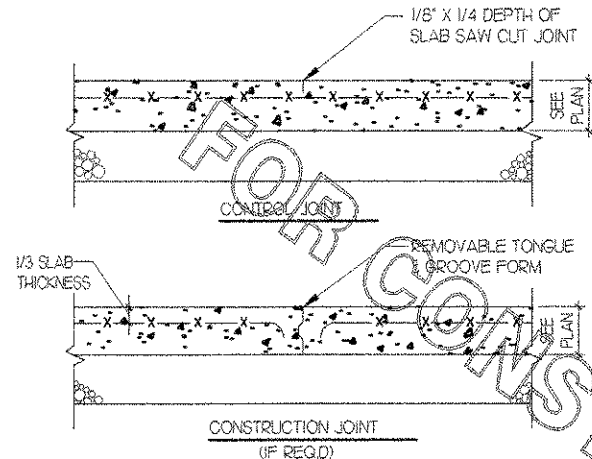


9 DETAIL
NTS



10 STEP FOOTING DETAIL
NTS

NOTE:
MAXIMUM JOINT SPACING SHALL
BE 20 FT. IN EACH DIRECTION
UNLESS SHOWN OTHERWISE ON PLAN

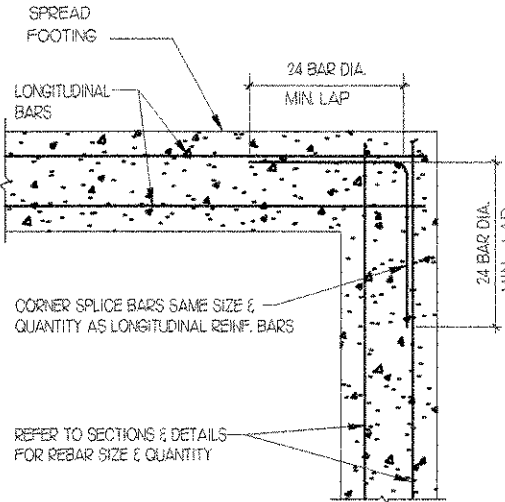


1 SLAB ON GRADE JOINTS

SCALE: NONE

2 TYP. CONTINUITY CORNER

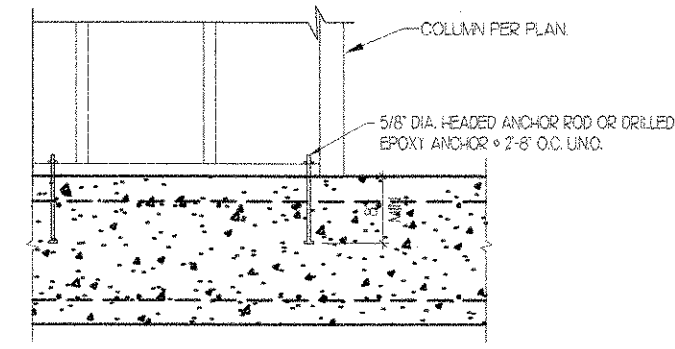
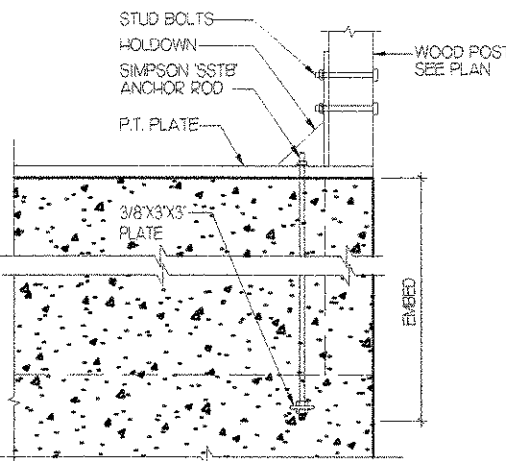
SCALE: NONE



HOLDOWN (SIMPSON)	ANCHOR BOLT SIZE	ANCHOR BOLT EMBED	NO. OF STUD BOLTS	STUD BOLT SIZE
HD2A	5/8" DIA.	56"	2	5/8" DIA.
HD5A	3/4" DIA.	56"	2	3/4" DIA.
HD6A	7/8" DIA.	56"	3	7/8" DIA.
HD10A	7/8" DIA.	56"	4	7/8" DIA.
HD14A	1" DIA.	56"	4	1" DIA.
S/ HD15	1" DIA.	56"	N/A (SCREWS)	1" DIA.

3 HOLDDOWN DETAIL

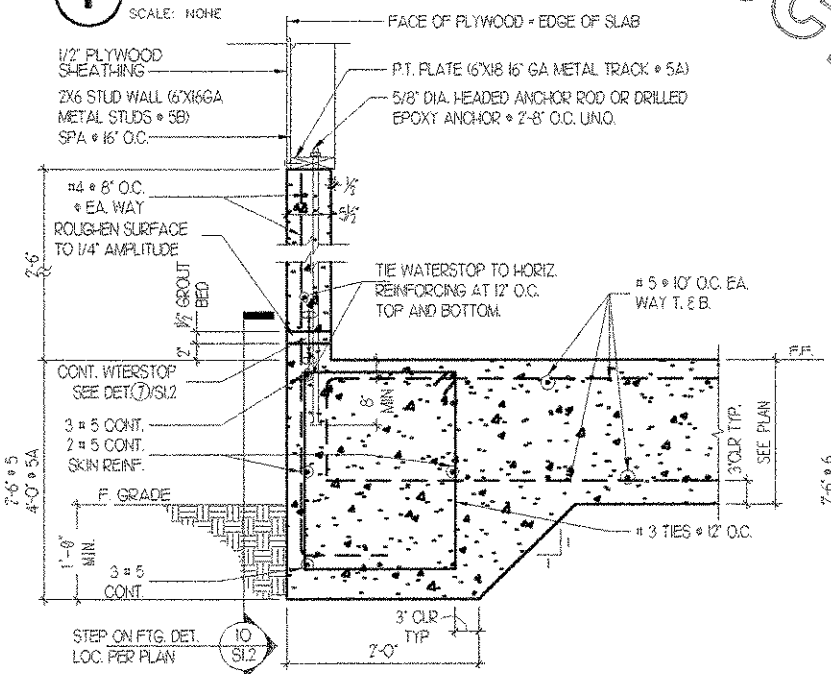
SCALE: 1" = 1'-0"



4 SECTION

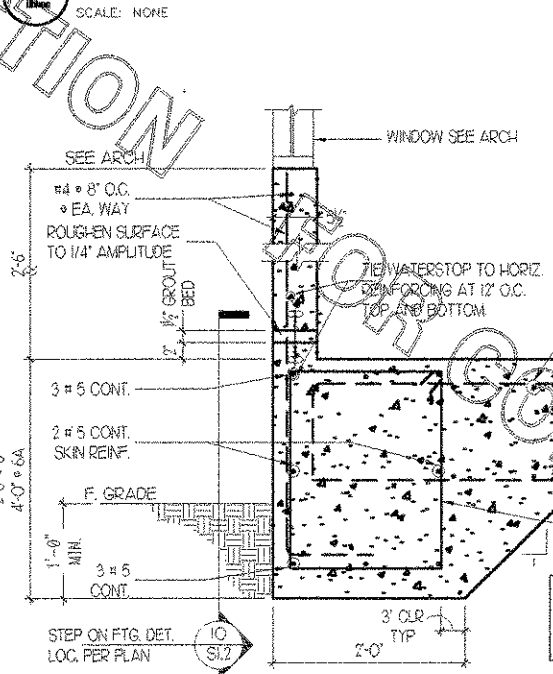
SCALE: 1" = 1'-0"

NOTE TO S.C.:
WATER STOP SHALL BE CONTINUOUS
AND FUSED TOGETHER AT CORNERS,
INTERSECTIONS & SPLICES PER MFR.
TO ENSURE WATER TIGHTNESS.



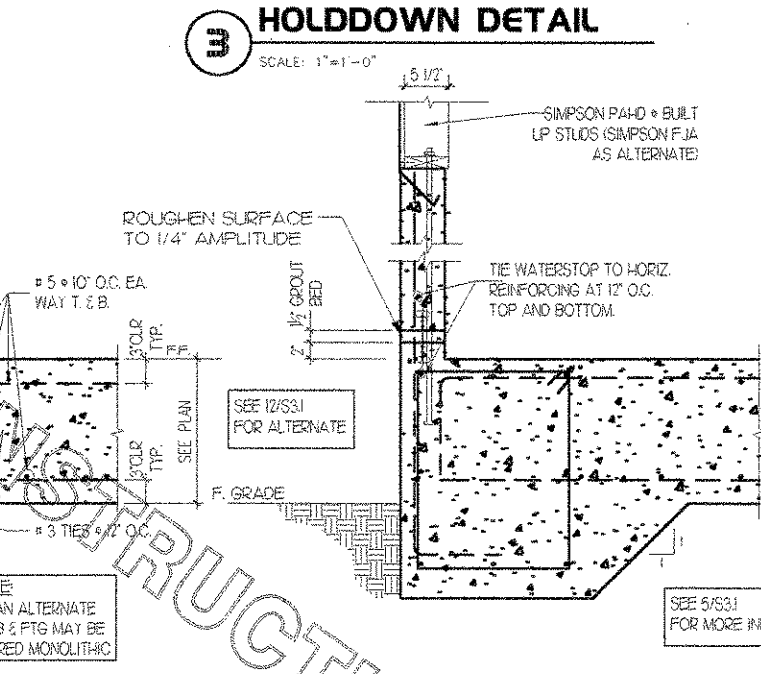
5 SA SB SECTION @ EXTERIOR WALL

SCALE: 1" = 1'-0" NOTE:



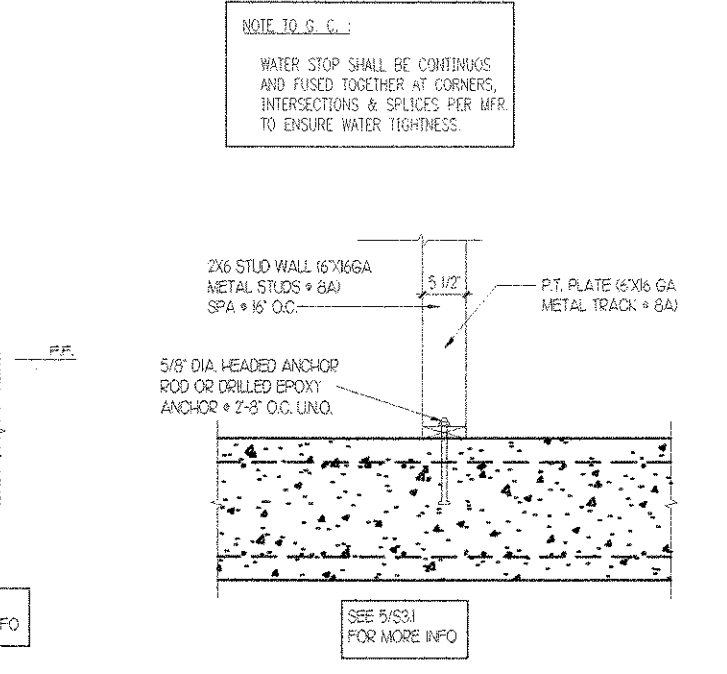
6 6A SECTION @ EXTERIOR WINDOW

SCALE: 1" = 1'-0"



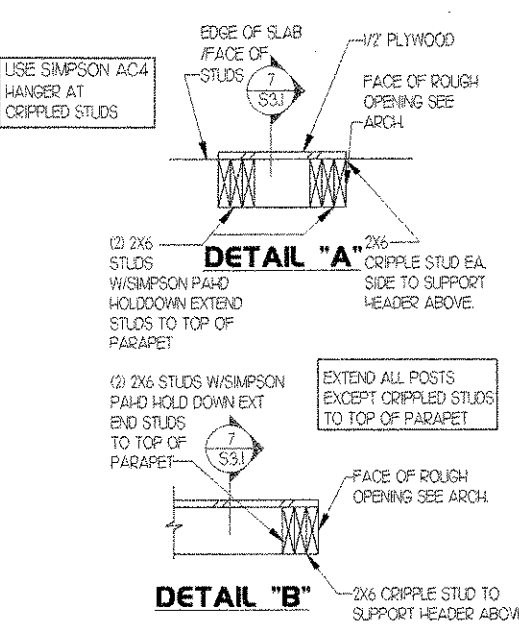
7 SECTION @ EXTERIOR

SCALE: 1" = 1'-0"



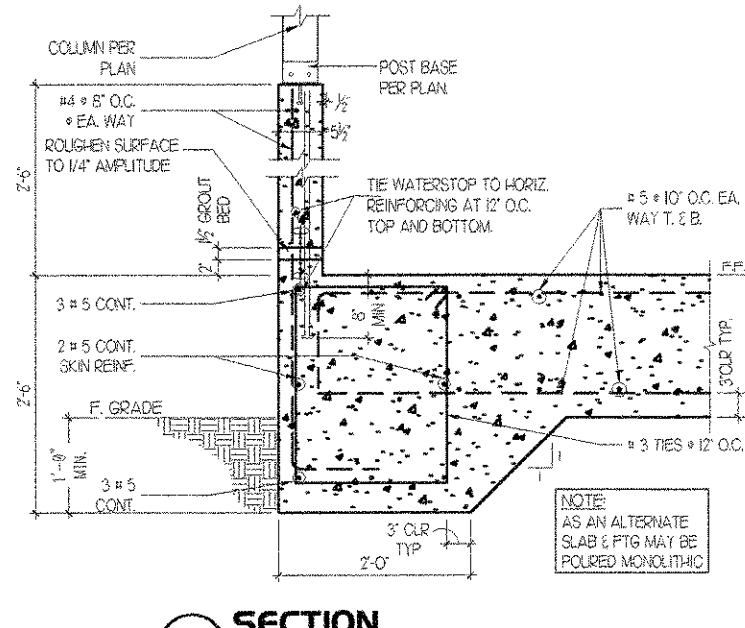
8A B INTERIOR BEARING WALL FOOTING

SCALE: 1" = 1'-0"



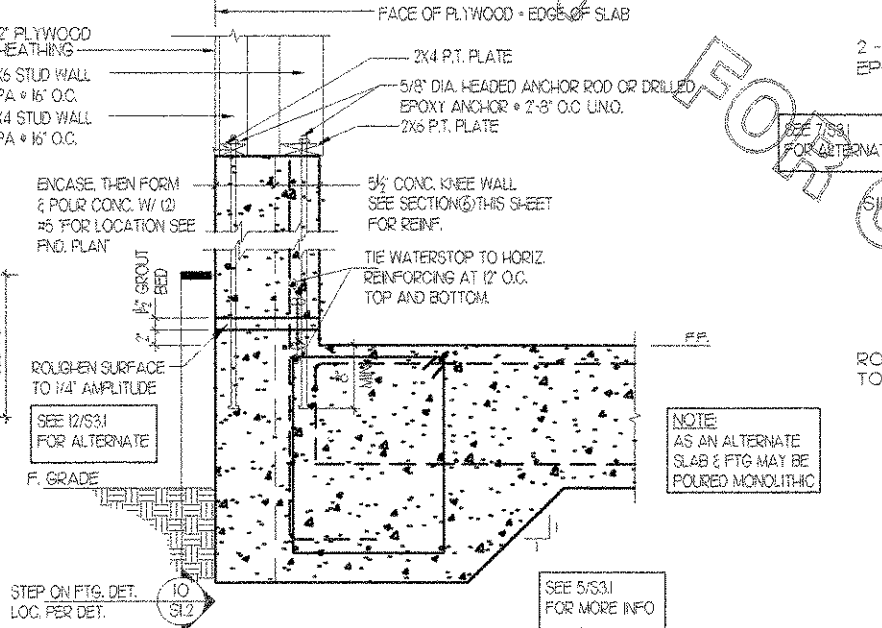
9 WALL DETAILS

SCALE: 1" = 1'-0"



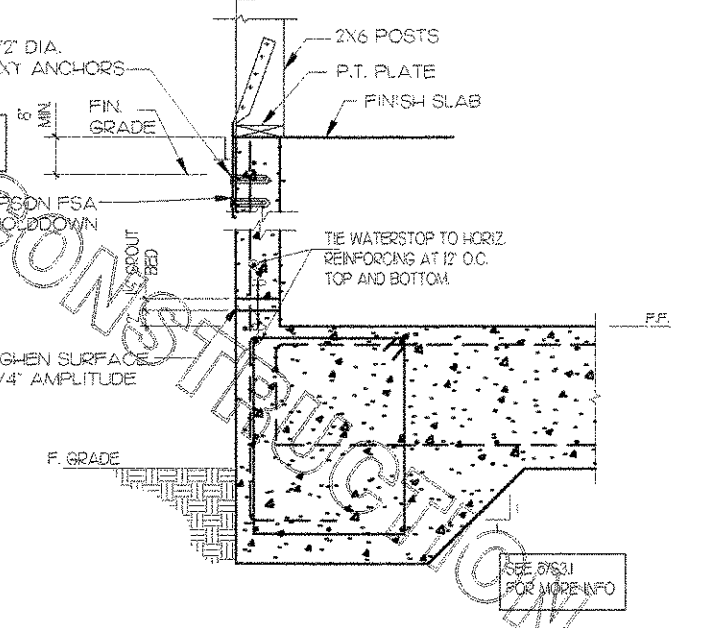
10 SECTION

SCALE: 1" = 1'-0"



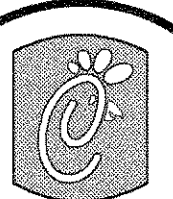
11 TYPICAL STEPOUT

SCALE: NONE



12 ANCHOR OPTION

SCALE: 1" = 1'-0"



Chick-fil-A

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark	Date	By
△		
△		
△		

Seal

AA 004200
CA 8660
933 LEE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32810
PH 407.645.5028
FX 407.629.9124

INTERPLAN 91
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES
FSU 03--A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
SECTIONS AND
DETAILS

DWG EDITION 03.8

Job No. : 2004.0255

Store : 1740

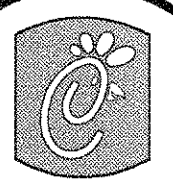
Date : 8/30/04

Drawn By : _____

Checked By : _____

Sheet

S3.1



5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark	Date	By
△		
△		
△		

Seal

AA 004320
CA 8640
933 LEE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32810
PH 407 546 5038
FX 407 529 9124

INTERPLAN
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES
FSU 03-A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

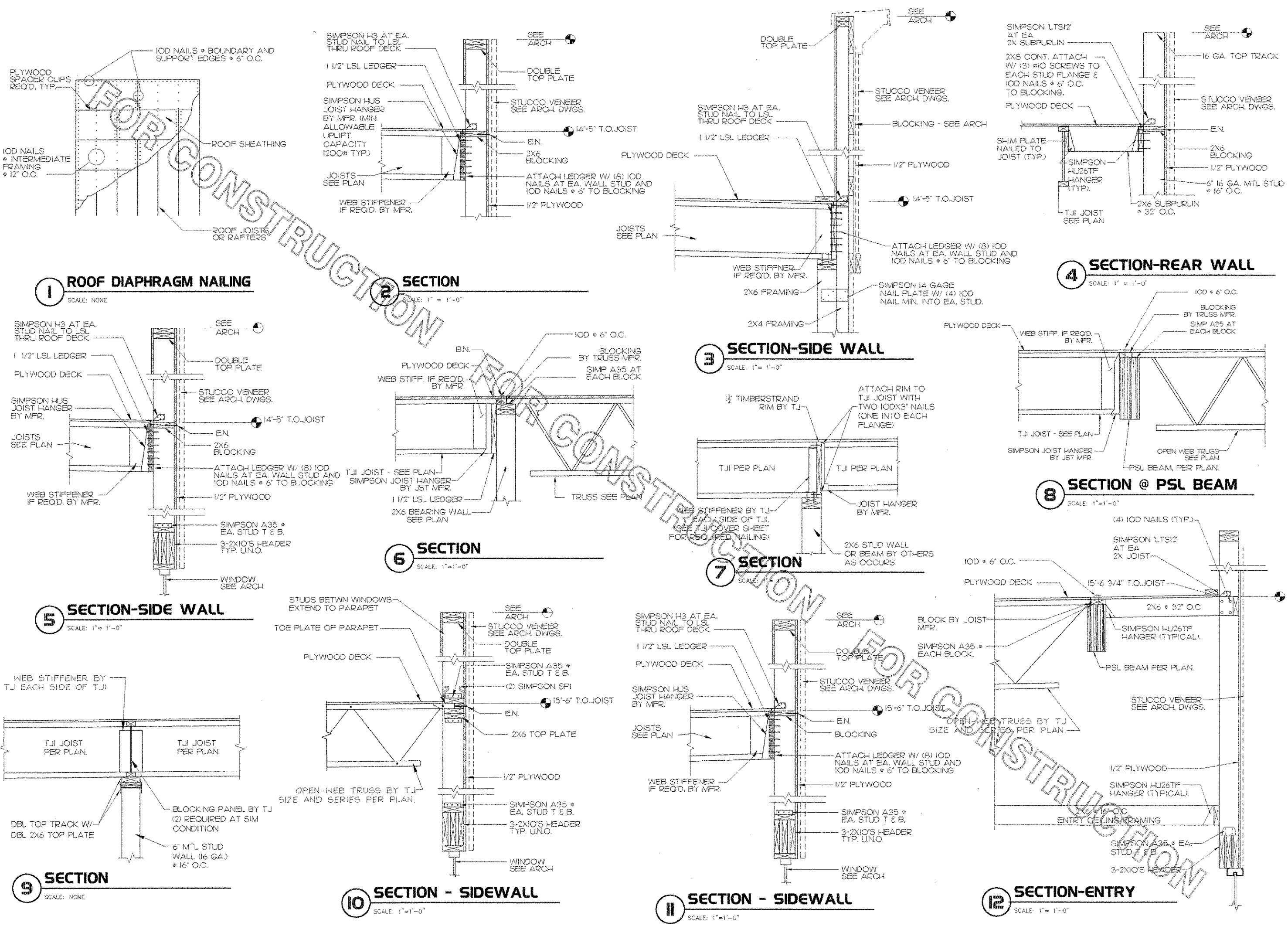
SHEET TITLE
SECTIONS AND
DETAILS

DWG. EDITION 03.8

Job No. : 2004.0258
Store : 1740
Date : 8/30/04
Drawn By :
Checked By :

Sheet

S4.I



1 ROOF DIAPHRAGM NAILING
SCALE: NONE

2 SECTION
SCALE: 1" = 1'-0"

3 SECTION-SIDE WALL
SCALE: 1" = 1'-0"

4 SECTION-REAR WALL
SCALE: 1" = 1'-0"

5 SECTION-SIDE WALL
SCALE: 1" = 1'-0"

6 SECTION
SCALE: 1" = 1'-0"

7 SECTION
SCALE: 1" = 1'-0"

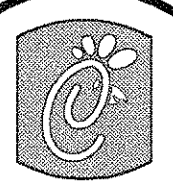
8 SECTION @ PSL BEAM
SCALE: 1" = 1'-0"

9 SECTION
SCALE: NONE

10 SECTION - SIDEWALL
SCALE: 1" = 1'-0"

11 SECTION - SIDEWALL
SCALE: 1" = 1'-0"

12 SECTION-ENTRY
SCALE: 1" = 1'-0"



5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark	Date	By
△		
△		
△		

Seal

AA 004320
CA 0660
PSS LEE ROAD, FIRST FLOOR
CRAVENS FLOORING
PH 407.448.8078
FX 407.629.9724

INTERPLAN
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES
FSU 03-A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

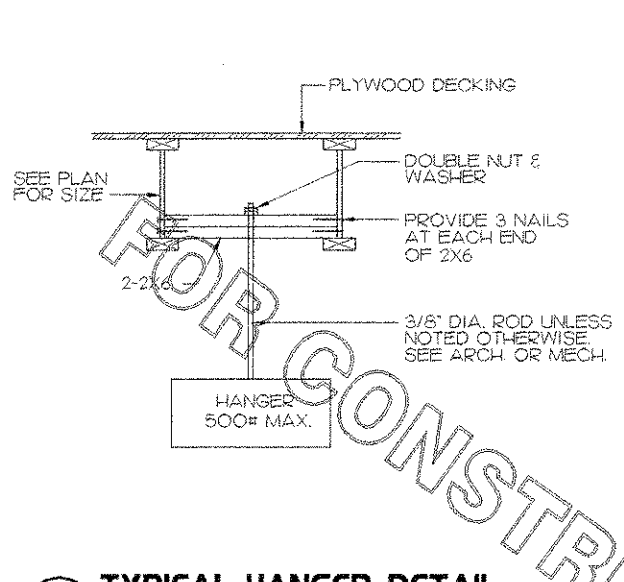
SHEET TITLE
FRAMING
DETAILS

DWG EDITION 03.8

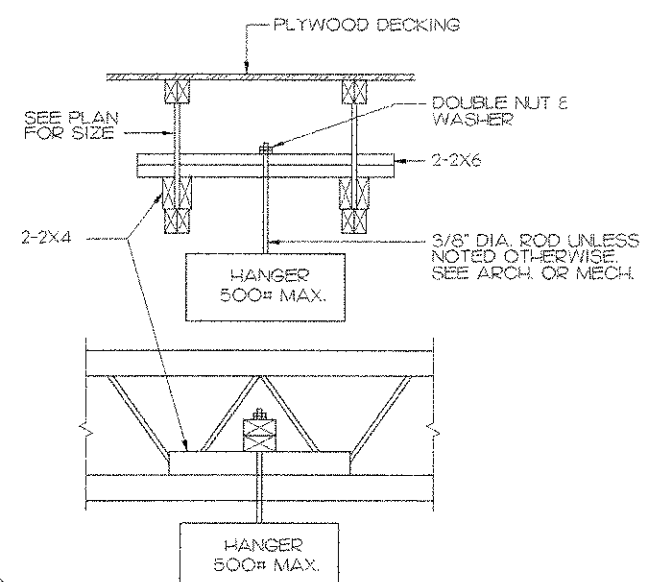
Job No. 2004.0255
Store : 1740
Date : 8/30/04
Drawn By :
Checked By :

Sheet

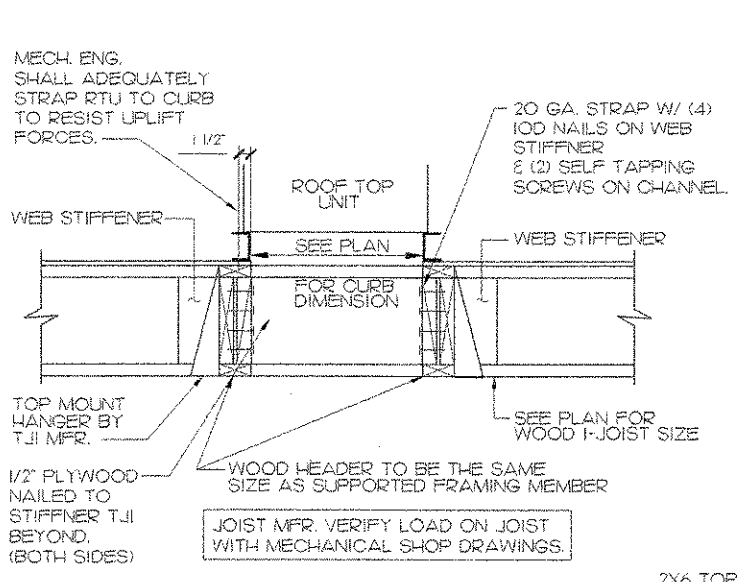
SS.1



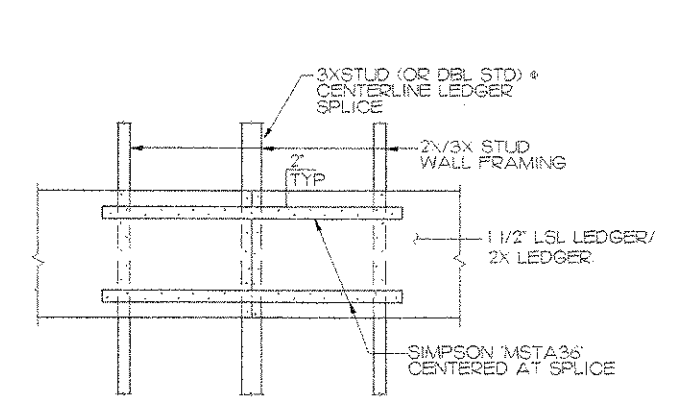
1 TYPICAL HANGER DETAIL
SCALE: NONE
AT TJI JOISTS



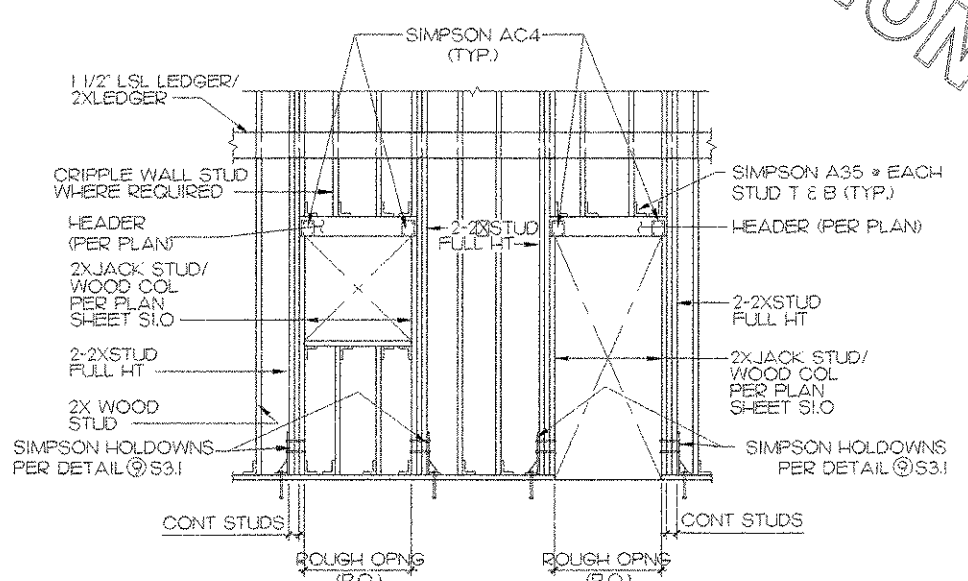
2 TYPICAL HANGER DETAIL
SCALE: NONE
AT OPEN WEB TRUSSES



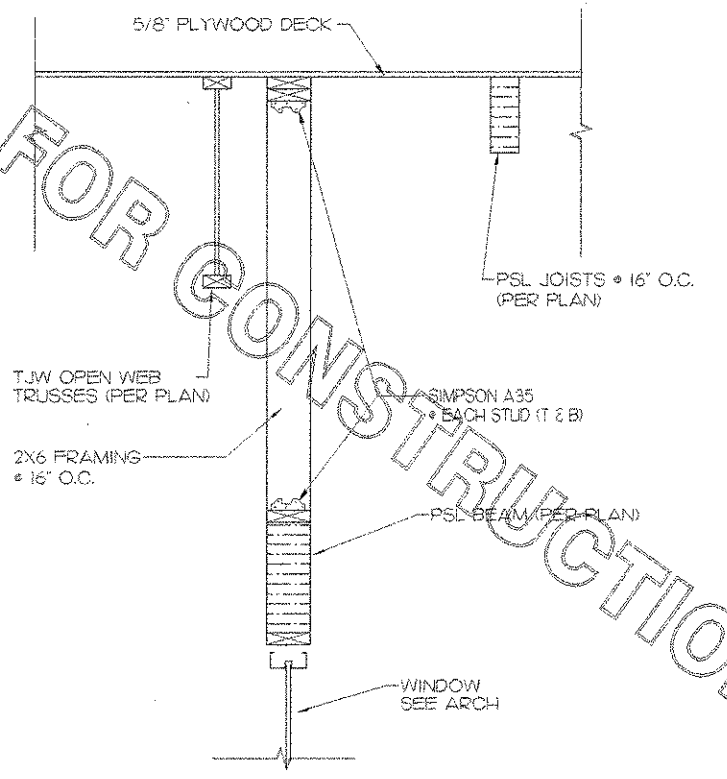
3 TYP RTU FRAMING DETAIL
SCALE: NONE



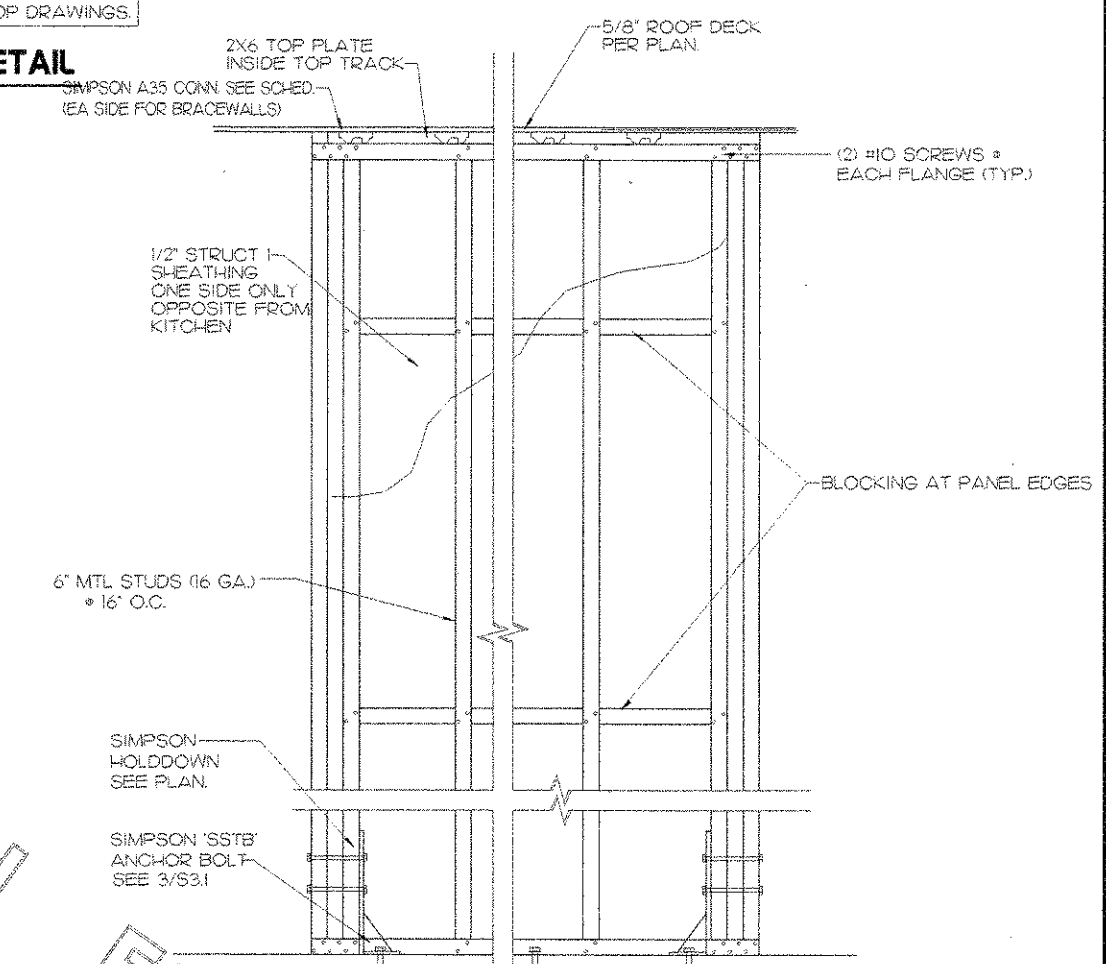
4 SPLICE DETAIL
SCALE: NONE



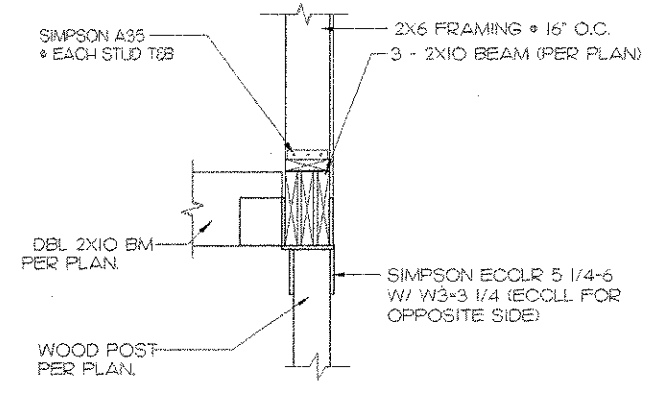
5 TYPICAL FRAMING ELEVATION
SCALE: NONE



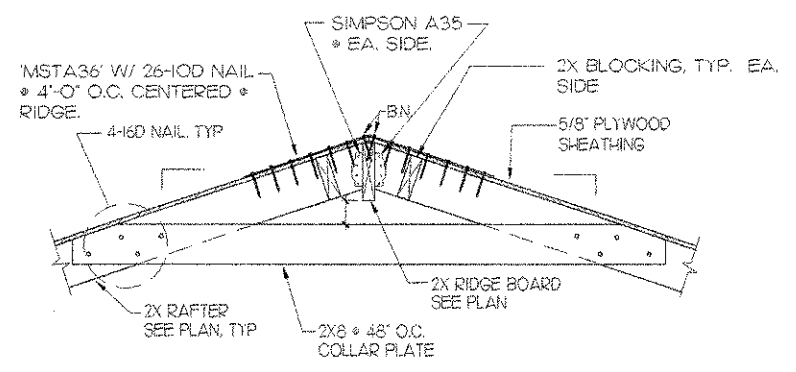
6 SECTION AT PLAY AREA
SCALE: 1\"/>



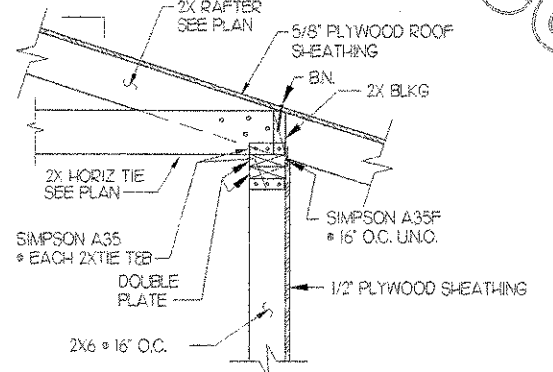
8 LIGHT GAGE SHEARWALL
SCALE: 1\"/>



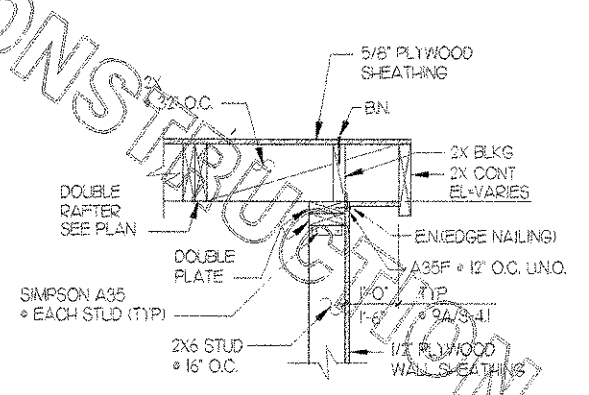
7 SECTION T.S. COLUMN
SCALE: 1\"/>



9 SECTION
SCALE: 1\"/>



10 SECTION
SCALE: 1\"/>



11 SECTION
SCALE: 1\"/>

DESIGN AND CODE INFORMATION

- BUILDING STRUCTURE HAS BEEN DESIGNED TO THE FOLLOWING BUILDING CODES: FLORIDA BUILDING CODE, 2001 EDITION.
- ALL CONSTRUCTION SHALL CONFORM TO THE APPLICABLE LOCAL BUILDING CODE.
- VERIFY EXISTING CONDITIONS AND DIMENSIONS AND NOTIFY ARCHITECT OF ANY CONDITIONS WHICH DO NOT COMPLY WITH PLANS AND SPECIFICATIONS. STRUCTURAL DRAWINGS MUST BE COORDINATED WITH ARCHITECTURAL DRAWINGS BY THE CONTRACTOR.
- CONTRACT DOCUMENTS SHALL NOT BE REPRODUCED FOR USE AS SHOP DRAWINGS.
- THE STRUCTURE IS UNSTABLE UNTIL ALL LOAD BEARING WALLS ARE ERECTED AND STEEL MEMBERS ARE ERECTED. CONNECTIONS ARE COMPLETELY BOLTED AND/OR WELDED AND INSPECTED. THE PLYWOOD DECK ATTACHED TO THE WOOD FRAMING, AND THE CONCRETE FLOORS PLACED AND ATTAINS 75% OF 28-DAY STRENGTH. UNTIL SUCH TIME, TEMPORARY BRACING IS REQUIRED. THE DESIGN ADEQUACY OF TEMPORARY BRACING AND SHORING IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- FOR LOCATION OF MISCELLANEOUS ITEMS (OPENINGS, GENT PLATES, INSERTS, ETC.) AFFECTING STRUCTURAL WORK, SEE ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS.
- STRUCTURAL DESIGN LOADS: LOCAL REQUIREMENTS:
FBC 2001 EDITION N/A

ROOF LOADS:
ROOF DEAD LOAD: 20 PSF - MAIN ROOF
20 PSF - TOWER
ROOF LIVE LOADS: 20 PSF - MAIN ROOF
16 PSF - TOWER

FBC 2001 - 1606.1.7		
1.	BASIC WIND SPEED	130 MPH
2.	WIND IMPORTANCE FACTOR	I.0
	BUILDING CATEGORY	II
3.	WIND EXPOSURE	C
4.	INTERNAL PRESSURE COEFFICIENT (ENCLOSED BUILDING)	±0.18
5.	COMPONENTS & CLADDING DESIGN WIND PRESSURE q*	31.26 PSF

*q VALUE SHOWN IS PRIOR TO BEING MULTIPLIED BY GCP VALUE. GCP VARIES BASED ON EFFECTIVE WIND AREA.

SPECIAL INSPECTIONS AND TESTING

- THE OWNER SHALL EMPLOY AN INDEPENDENT TESTING COMPANY TO PERFORM ON SITE INSPECTIONS AND TESTING OF FOUNDATIONS & SUITABILITY OF SUPPORTING SOILS & WOOD JOISTS.

STRUCTURAL OBSERVATIONS

- THE OWNER SHALL EMPLOY A LICENSED STRUCTURAL ENGINEER OR ARCHITECT TO PERFORM PERIODIC VISUAL OBSERVATIONS OF THE STRUCTURE DURING CONSTRUCTION FOR GENERAL CONFORMANCE TO THE DESIGN DRAWINGS.

FOUNDATION NOTES

- A GEOTECHNICAL ENGINEER, EMPLOYED BY THE GENERAL CONTRACTOR, SHALL PROVIDE COMPACT FILL REQUIREMENTS FOR THE BUILDING PAD AND REVIEW THE FOUNDATION BEARING SURFACE TO VERIFY THE ASSUMED BEARING PRESSURE NOTED. DO NOT PLACE CONCRETE PRIOR TO GEOTECHNICAL ENGINEER'S APPROVAL.
- INDIVIDUAL FOOTINGS ARE DESIGNED TO BEAR ON UNIFORM SOIL CAPABLE OF SUPPORTING 2000 PSF. CONTINUOUS FOOTINGS ARE DESIGNED TO BEAR ON SOIL CAPABLE OF SUPPORTING 2000 PSF. DESIGN ASSUMES DIFFERENTIAL AND TOTAL SETTLEMENT ARE WITHIN ACCEPTED TOLERANCES FOR THE TYPE OF CONSTRUCTION USED. LIGHT POLE FOOTINGS ARE DESIGNED BASED ON A MINIMUM OF 150 PSF/FT SOIL PASSIVE PRESSURE.
- THE SOIL BEARING CAPACITY AND CONSISTENCY SHALL BE VERIFIED FOR THE BUILDING LIMITS BY A REGISTERED GEOTECHNICAL ENGINEER WHEN FOUNDATION EXCAVATIONS HAVE BEEN CARRIED DOWN TO THE PROPOSED ELEVATIONS. THE BOTTOM OF ALL EXTERIOR FOOTINGS SHALL BE 2'-0" MINIMUM BELOW FINISHED GRADE.
- WHERE FOOTING EXCAVATIONS ARE TO REMAIN OPEN AND MAY BE EXPOSED TO RAINFALL, THE EXCAVATIONS SHALL BE UNDERCUT AND A 3 INCH THICK MUD MAT OF 2000 PSI CONCRETE SHALL BE PLACED IN THE BOTTOM TO PROTECT THE BEARING SOILS PER GEOTECHNICAL ENGINEER RECOMMENDATIONS.
- WHERE FOOTING STEPS ARE NECESSARY, THEY SHALL BE NO STEEPER THAN 1 VERTICAL TO 2 HORIZONTAL, UNLESS SHOWN OTHERWISE ON PLANS.

REINFORCED CONCRETE

- ALL CONCRETE WORK SHALL CONFORM TO THE 'BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE,' (ACI 318-LATEST CODE).
- REINFORCING STEEL SHALL BE DEFORMED BARS ASTM A-615 (GRADE 60).
- WELDED WIRE FABRIC SHALL CONFORM TO ASTM A125 WITH WIRES CONFORMING TO ASTM A82.

- THE COMPRESSIVE STRENGTH AT 28 DAYS OF ALL CAST IN PLACE CONCRETE SHALL BE 3000 PSI - ALL CONCRETE (SEE CIVIL DRAWINGS FOR SITE CONCRETE STRENGTH REQUIREMENTS).
- LAP SPLICES FOR REINFORCING BARS SHALL BE CLASS B IN ACCORDANCE WITH ACI 318 LATEST CODE, UNLESS NOTED OTHERWISE.
- CLEAR CONCRETE COVER FOR REINFORCING STEEL:
MASONRY WALLS LOCATE IN CENTER OF WALL (UNO.)
FOOTINGS 2' FORMED EDGES
3' CAST AGAINST GROUND
- THE LONGITUDINAL REINFORCING STEEL IN BOND BEAMS, WALLS, AND FOOTINGS SHALL BE CONTINUOUS AROUND CORNERS. SEE TYPICAL DETAILS.
- MECHANICAL VIBRATORS SHALL VIBRATE ALL CONCRETE.
- UNLESS OTHERWISE DIRECTED BY THE OWNER, CONCRETE SLABS SHALL BE FINISHED TO THE FOLLOWING FLATNESS CRITERIA:

SPECIFIED OVERALL F NUMBERS
FLATNESS FF = 20
LEVEL FL = 15

MINIMUM LOCAL F NUMBERS
FLATNESS FF = 15
LEVEL FL = 10

CONCRETE MASONRY

- REINFORCED CONCRETE MASONRY SHALL BE INSPECTED BY A TESTING AGENCY IN ACCORDANCE WITH ACI-530 TABLE 114.1.2-LEVEL 2 QUALITY ASSURANCE.
- MASONRY WALL CONTROL JOINTS SHALL BE LOCATED AS SHOWN ON THE ARCHITECTURAL DRAWINGS, BUT NOT TO EXCEED 25'-4"
- CONCRETE MASONRY SHALL CONFORM TO THE NATIONAL CONCRETE MASONRY ASSOCIATION SPECIFICATIONS, AND HAVE A DENSITY OF 125 PCF AND SHALL HAVE A MINIMUM PRISM STRENGTH (F'M) OF 1500 PSI.
- GROUT FOR FILLING CONCRETE MASONRY CELLS SHALL CONFORM TO STANDARD SPECIFICATIONS FOR "MORTAR AND GROUT FOR REINFORCED MASONRY," ASTM C-476, AND SHALL HAVE A COMPRESSIVE PRISM STRENGTH (F'M) OF 3000 PSI AT 28 DAYS. THE SLURRY SHALL BE BETWEEN 9 INCHES AND 11 INCHES, WHERE THE MINIMUM DIMENSION OF ANY CONTINUOUS VERTICAL CELL IS 3 INCHES OR LESS, USE FINE GROUT, OTHERWISE USE COARSE (PEA GRAVEL) GROUT.
- MORTAR FOR CONCRETE MASONRY SHALL BE TYPE "S" AND SHALL CONFORM TO ASTM C-270.
- MASONRY CONSTRUCTION SHALL BE BUILT IN LIFTS NOT TO EXCEED 4 FEET PRIOR TO GROUTING CORES. KEY NEXT GROUT LIFT INTO PRIOR LIFT BY STOPPING FIRST LIFT 2" BELOW TOP OF BLOCK.
- ALL REINFORCING BARS IN FILLED CELLS SHALL BE DOWELED INTO FOOTINGS WITH STANDARD 90-DEGREE HOOKS AND DOWELED 7 INCHES INTO BOND BEAMS AT TOP OF WALLS.
- MASONRY LAP SPLICES SHALL BE 48 BAR DIAMETERS (UNO.)
- REINFORCEMENT IN WALLS SHALL BE PLACED IN THE CENTER OF THE WALL UNLESS NOTED OTHERWISE.
- JOINT REINFORCING - TRUSS TYPE, 9 GAUGE SPACED VERTICALLY AT 8' BELOW SLAB AND AT 16' UNLESS NOTED OTHERWISE AND CONFORM TO ASTM A82.

STRUCTURAL STEEL

- ALL STRUCTURAL STEEL WORK SHALL CONFORM TO THE AISC 'MANUAL OF STEEL CONSTRUCTION ALLOWABLE STRESS DESIGN' NINTH EDITION.
- STRUCTURAL STEEL ROLLED SHAPES SHALL BE ASTM A-36 UNLESS NOTED OTHERWISE. STRUCTURAL STEEL PLATES AND ANGLES SHALL BE ASTM A-36.
- STRUCTURAL PIPE COLUMNS SHALL BE ASTM A-53, TYPE E OR S, GRADE B. STRUCTURAL TUBES SHALL BE ASTM A500, GRADE B.
- STEEL FRAMING CONNECTIONS SHALL BE BOLTED OR WELDED. BOLTS SHALL BE 3/4 INCH DIAMETER MINIMUM AND SHALL BE ASTM A-325-N, UNLESS NOTED OTHERWISE.
- USE DIRECT TENSION INDICATORS AND HARDENED WASHERS WITH ALL HIGH STRENGTH BOLTS OR USE LOAD INDICATOR BOLTS.
- ANCHOR BOLTS SHALL BE ASTM A-307 HEADED BOLTS. MINIMUM ANCHOR BOLT EMBEDMENT SHALL BE 12 BOLT DIAMETERS UNLESS NOTED OTHERWISE. CLEAN ANCHOR BOLTS OF ALL GREASE, DIRT, ETC., BEFORE INSTALLATION.
- FRAMED BEAM CONNECTIONS SHALL DEVELOP THE REACTION SHOWN FOR THE ENDS OF BEAMS ON STRUCTURAL PLANS. IN NO CASE SHALL THE LENGTH OF THE FRAMED CONNECTION BE LESS THAN 1/2 THE 'T' DIMENSION OF THE BEAM WEB. WHERE REACTIONS ARE NOT SHOWN, THE CONNECTION SHALL DEVELOP ONE HALF THE ALLOWABLE UNIFORM LOAD FOR LATERALLY SUPPORTED BEAMS AS SHOWN IN PART 2 OF THE AISC MANUAL.
- WELDS SHOWN ON THE STRUCTURAL DRAWINGS ARE THE MINIMUM REQUIRED BY DESIGN. THE FABRICATOR'S DRAWINGS SHALL SHOW WELDS AND THEY SHALL CONFORM TO AWS SPECIFICATIONS. ALL WELDING SHALL BE DONE WITH E-70XX SERIES ELECTRODES.
- HARDENED WASHERS SHALL BE INSTALLED OVER SHORT SLOTTED OR OVERSIZE HOLES OCCURRING IN AN OUTER PLY OF A CONNECTION.
- PAINT ALL STRUCTURAL STEEL WITH ONE COAT OF RED OXIDE RUST-INHIBITIVE PRIMER 2.5 MILS IN THICKNESS. THE COMPATIBILITY OF PRIMER AND ANY TOP COAT SHALL BE VERIFIED BEFORE ANY PAINTING IS PERFORMED. TOUCH-UP ALL EXPOSED METAL AFTER FIELD INSTALLATION. ALL STRUCTURAL STEEL WHICH IS EXPOSED TO THE ELEMENTS SHALL RECEIVE TWO COATS OF EXTERIOR ENAMEL WHICH IS COMPATIBLE WITH THE PRIMED SURFACE.

- SUBMIT SHOP DRAWINGS CONFIRMING THAT THE CONNECTIONS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE AISC CODES SPECIFIED HEREIN. THE SHOP DRAWINGS SHALL INCLUDE COMPLETE DETAILS AND SCHEDULES FOR FABRICATION AND ASSEMBLY OF STRUCTURAL STEEL MEMBERS. SHOP DRAWINGS SHALL INCLUDE NUMBER, SPACING, AND DISTANCE FROM BEAM CENTERLINE OF SHEAR STUDS. SUBMIT ONE REPRODUCIBLE SEPIA AND TWO BLUELINE PRINTS OF EACH DRAWING. REPRODUCTION OF STRUCTURAL DRAWINGS FOR SHOP DRAWINGS IS NOT PERMITTED.

WOOD JOISTS

- ROOF JOISTS SHALL BE DESIGNED TO SUPPORT THE FOLLOWING LOADS:
20 PSF DEAD LOAD
20 PSF LIVE LOAD
- IN ADDITION TO THE UNIFORM LOADING SPECIFIED FOR JOISTS DESIGN, THE JOISTS SUPPLIER SHALL INCLUDE ANY CONCENTRATED LOADS CAUSED BY ARCHITECTURAL FEATURES OR MECHANICAL EQUIPMENT IN THE JOISTS DESIGN.
- SEE ARCHITECTURAL DRAWINGS FOR BEARING CONDITIONS AND DIMENSIONS OF JOISTS.
- CATALOG JOIST SHOP DRAWINGS INCLUDING CONNECTIONS AND LAYOUT SHALL BE SUBMITTED FOR REVIEW.
- JOISTS SHALL BE DESIGNED, FABRICATED AND ERECTED IN ACCORDANCE WITH APPLICABLE STANDARDS.
- UNLESS NOTED OTHERWISE ON DRAWINGS, JOISTS SUPPLIER SHALL BE RESPONSIBLE FOR DESIGNING AND SUPPLYING ALL TEMPORARY AND PERMANENT BRACING REQUIRED BY DESIGN, ALL JOIST-TO-JOIST CONNECTIONS, AND ALL UPLIFT CONNECTIONS AT BEARING LOCATIONS.

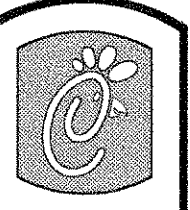
LUMBER FRAMING

- ALL NON-PREFABRICATED LOAD BEARING FRAMING MEMBERS SHALL BE #1 SOUTHERN YELLOW PINE 19% MOISTURE CONTENT UNLESS OTHERWISE NOTED.
- STUDS IN LOAD BEARING WALLS MAY BE DOUGLAS FIR, SOUTHERN YELLOW PINE OR SPRUCE (#1 OR BETTER), UNLESS NOTED OTHERWISE.
- ALL PLYWOOD SHEATHING SHALL BE APA RATED, SEE PLAN.
- LVL AND PSL LUMBER SHALL BE MICROLAM OR PARALLAM LUMBER AS MANUFACTURED BY TRUS JOIST.
- WOOD JOIST SHALL BE MANUFACTURED BY TRUS JOIST.
- WOOD CONNECTORS SHALL BE MANUFACTURED BY SIMPSON STRONG-TIE CONNECTORS, INC.

COLD-FORMED METAL FRAMING

- ALL FRAMING MEMBERS SHALL BE OF TYPE AND SIZE SHOWN OR EQUAL ON THE DRAWINGS AND SPECIFICATIONS.
- ALL FRAMING MEMBERS SHALL BE MANUFACTURED FROM GALVANIZED STEEL.
- GALVANIZED STEEL USED IN THE MANUFACTURE OF JOISTS, STUDS AND LINTELS SHALL CONFORM TO ASTM DESIGNATION A446 GRADE C (MINIMUM YIELD POINT 50,000 PSI) WITH HOT DIPPED GALVANIZED COATING.
- GALVANIZED STEEL RUNNER TRACK AND MISCELLANEOUS ACCESSORIES SHALL BE FORMED WITH MATERIAL MEETING REQUIREMENTS OF ASTM DESIGNATION A446 GRADE A (MINIMUM YIELD POINT 33000 PSI) WITH HOT DIPPED GALVANIZED COATING.
- STRUCTURAL DESIGN SHALL BE IN ACCORDANCE WITH AMERICAN IRON AND STEEL INSTITUTE 'SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS.'
- CARE SHALL BE EXERCISED AT ALL TIMES TO AVOID DAMAGE THROUGH CARELESS HANDLING DURING UNLOADING, STORING, AND ERECTION OF FRAMING MEMBERS AND SUB-ASSEMBLIES.

- THE ENDS OF JOISTS SHALL BE REINFORCED TO ADEQUATELY STIFFEN THE JOIST WEB AND TO TRANSFER THE LOADS TO THE SUPPORTS. MINIMUM END BEARING SHALL BE 4/10 INCHES.
- STUDS SHALL SIT SQUARELY IN THE TOP AND BOTTOM RUNNER TRACK WITH FIRM ABUTMENT AGAINST TRACK WEBS. STUDS SHALL BE ALIGNED OR PLUMBED AND SECURELY FASTENED TO THE FLANGES OF BOTH TOP AND BOTTOM RUNNER TRACK. STUDS SHALL BE POSITIONED IN RUNNER TRACK SO AS TO BE ALIGNED DIRECTLY BELOW FLOOR ROOF OR CEILING FRAMING MEMBERS OVERHEAD. IF UNABLE TO CENTER AND DIRECTLY TRANSFER LOADS FROM FLOOR OR ROOF FRAMING (SUCH AS AT OPENINGS) TO THE STUDS, LINTELS SHALL BE PROVIDED.
- JOINING OF FRAMING MEMBERS SHALL BE MADE WITH SELF-DRILLING SCREWS OR WELDING. WIRE TYING OF FRAMING MEMBERS IN STRUCTURAL APPLICATIONS SHALL NOT BE PERMITTED.
- HORIZONTAL STEEL STRAPPING, WHEN REQUIRED BY THE APPLICABLE TABLES, SHALL BE A) FASTENED TO THE BOTTOM FLANGE OF THE STEEL JOIST AND B) ATTACHED TO BOTH SIDES OF ALL STUDS. STRAPPING SHALL BE INSTALLED AND SECURELY ANCHORED TO SUITABLE RESTRAINING COLUMNS OR WALLS PRIOR TO THE ERECTION OF STRUCTURE ABOVE.
- SPLICES IN STEEL JOISTS AND STUDS SHALL NOT BE PERMITTED.
- DURING ERECTION, THE BUILDER SHALL PROVIDE MEANS OF ADEQUATE DISTRIBUTION OF CONCENTRATED LOADS SO THAT THE LOAD CARRYING CAPACITY OF ANY STEEL FRAMING MEMBER IS NOT EXCEEDED.



5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:			
Mark	Date	By	
△			
△			
△			

Seal

AA 004300
CA 8660
988 LEE ROAD, FIRST FLOOR
ORLANDO, FL 32808
FL 407 629-9124
FL 407 629-9124

INTERPLAN 3D
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES
FSU 03--A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
GENERAL
NOTES

DWG EDITION 03.8

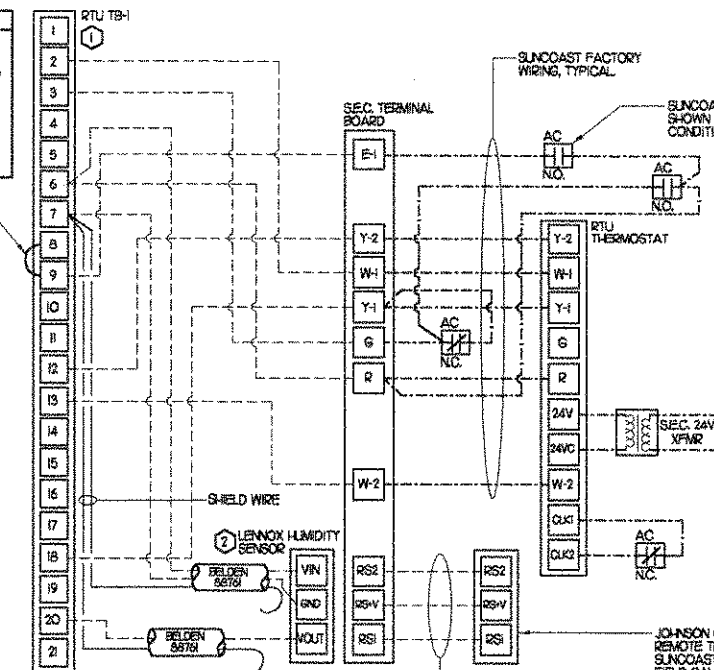
Job No. : 2004.0255
Store : 1740
Date : 8/30/04
Drawn By :
Checked By :

LEGEND			
A-12-400	TYPE - NECK SIZE - CFM	EF#1	EXHAUST FAN #1 (TYP.)
	SPIN-IN FITTING WITH MANUAL BALANCING DAMPER, WITH-OUT SCOOP	ACH#1	AIR CONDITIONING UNIT #1 (TYP.)
	SPIN-IN HARD DIFFUSER		RETURN/EXHAUST (TYP.)
	REMOTE TEMPERATURE SENSOR		SUPPLY DIFFUSER, SQ FACE (TYP.)
	HUMIDITY SENSOR		PLAN NOTE REFERENCE
	SMOKE DETECTOR		MANUAL VOLUME DAMPER
	DUCT SIZE 1ST NUMBER - HORIZONTAL DIMENSION 2ND NUMBER - VERTICAL DIMENSION		DIRECTION OF THROW ON DIFFUSER

KEY NOTES

- MOUNT REMOTE SENSOR ON WALL AT 5'-0" AFF AND ROUTE WIRING BACK TO SUNCOAST TEMP CONTROL PANEL.
- AIR CURTAIN MOUNTED OVER DOOR HEADER AT 7'-5" AFF TO BOTTOM OF UNIT. LOCATE PLUNGER TYPE MICROSWITCH IN DOOR FRAME ON STRIKE SIDE.
- BRANCH TAKE-OFFS ARE NOT TO BE LOCATED CLOSER THAN 3'-0" FROM THE ELBOW AT THE SUPPLY AIR DROP FROM CURB.
- MOUNT LENNOX HUMIDITY SENSOR ON WALL ABOVE SPACE TEMP SENSOR AND ROUTE WIRING TO UNIT ON ROOF.
- MOUNT REMOTE SENSOR FOR PLAYGROUND ABOVE DOOR FRAME NEAR THE RETURN AIR GRILLES. ROUTE WIRING BACK TO SUNCOAST TEMP CONTROL PANEL.
- TRANSITION IN VERTICAL DROP FROM FULL SIZE OF CURB OPENING TO SIZE SHOWN. PROVIDE TURNING VANES IN ELBOW.
- TRANSITION IN VERTICAL DROP FROM FULL SIZE OF CURB OPENING TO SIZE SHOWN. NO TURNING VANES IN ELBOW.
- ALL DUCT WORK SHALL BE SHEET METAL. DUCT BOARD IS NOT PERMITTED.

LEGEND	
SEC.	SUNCOAST ENVIRONMENTAL CONTROLS DFA-500 ENERGY MGT PANEL
AC	SUNCOAST FACTORY INSTALLED AND WIRED A/C RELAY. ENERGIZED BY PUTTING STORE SWITCH IN 'STORE OCCUPIED' POSITION.
	IS GA. WIRING BY CONTRACTOR RTU FACTORY WIRING
	SEC. FACTORY WIRING

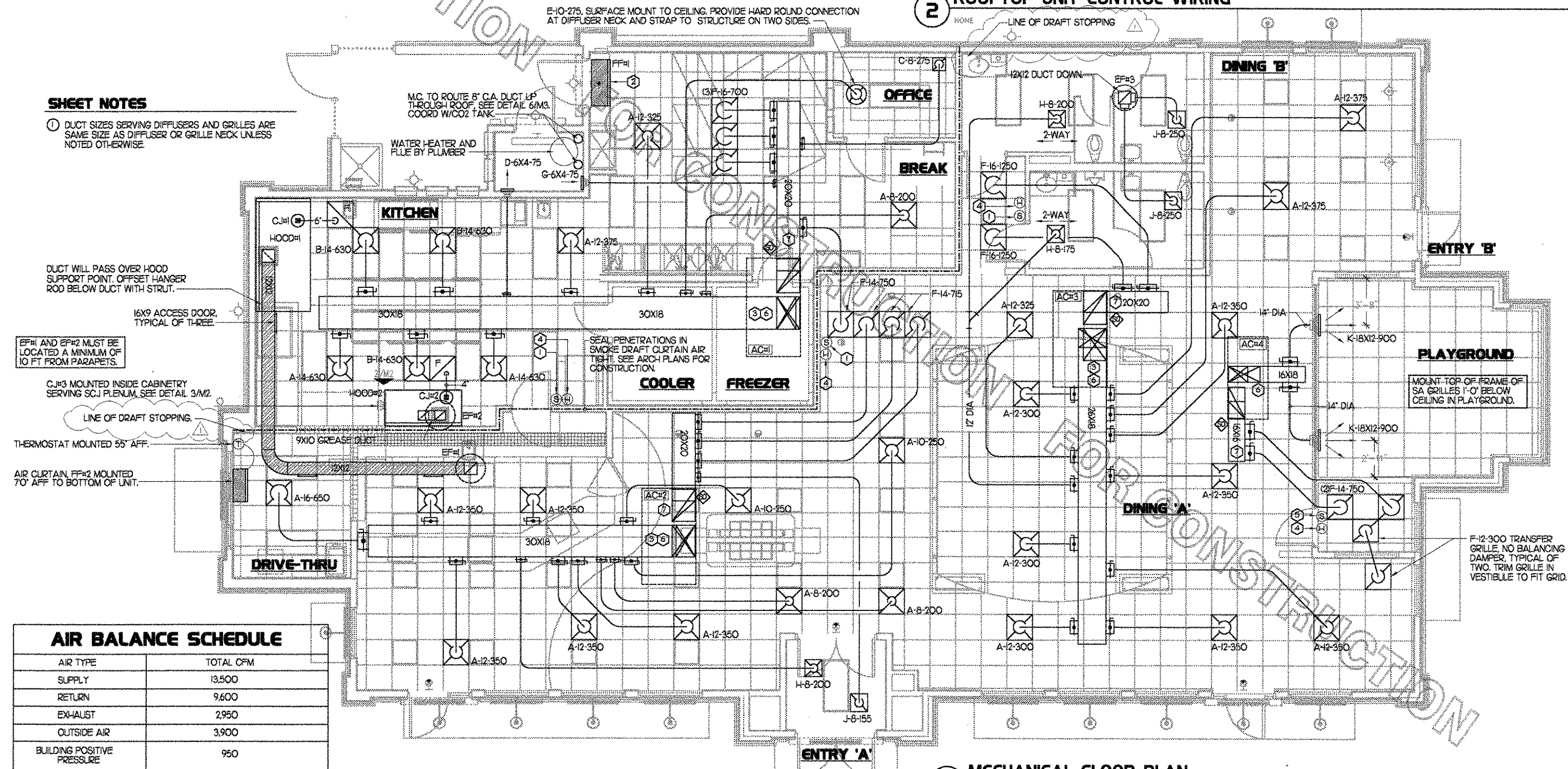


- NOTES**
- EXCEPT AT ACH# CHANGE IMC BOARD ECTO PARAMETER 301 (2.01 FOR LCA UNITS) FROM THE DEFAULT SETTING TO ZERO. THIS WILL CAUSE THE O.A. DAMPER TO OPEN ON 'OCCUPIED' START. THE O.A. DAMPER AT ACH# WILL REMAIN CLOSED FOR THE FIRST 60 MINUTES AFTER 'OCCUPIED' START.
 - MECHANICAL CONTRACTOR SHALL MAKE PLASTIC LAMINATE OF THIS DETAIL AND INSTALL PERMANENTLY ON INSIDE DOOR OF ROOFTOP UNIT CONTROL COMPARTMENT.
 - SEE DETAIL 5/M3 FOR SMOKE DETECTOR AND ANNUNCIATOR WIRING.
 - HUMIDITY ECTO PARAMETERS TO BE FIELD SET AS FOLLOWS
ECTO 424 VALUE SET TO 7
ECTO 425 VALUE SET TO 58%
- KEYED NOTES**
- 16 AWG WIRING TO RTU TO BE ROUTED TO UNIT THRU FACTORY WIREWAY.
 - WIRING TO HUMIDITY SENSOR TO BE MADE WITH TWO SEPARATE RUNS OF SHIELDED TWISTED PAIR. TERMINATE SHIELD WIRES AT TB-7. LEAVE OPEN AT SENSOR.

2 ROOFTOP UNIT CONTROL WIRING

SHEET NOTES

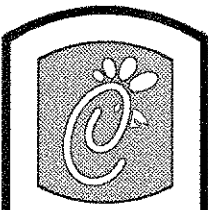
- DUCT SIZES SERVING DIFFUSERS AND GRILLES ARE SAME SIZE AS DIFFUSER OR GRILLE NECK UNLESS NOTED OTHERWISE.



AIR BALANCE SCHEDULE	
AIR TYPE	TOTAL CFM
SUPPLY	13,500
RETURN	9,600
EXHAUST	2,950
OUTSIDE AIR	3,900
BUILDING POSITIVE PRESSURE	950

1 MECHANICAL FLOOR PLAN

1/4"=1'-0"



Chick-fil-e
5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:
Mark Date By
9/17/04
COORD. REVISIONS

Mark Date By
9/17/04

Mark Date By
9/17/04

Seal

AA 004920
CA 8460
933 LEE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32810
PH 407 696-5036
FX 407 696-9124

INTERPLAN
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES
FSU 03-A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
MECHANICAL
FLOOR PLAN

DWG EDITION 03.8

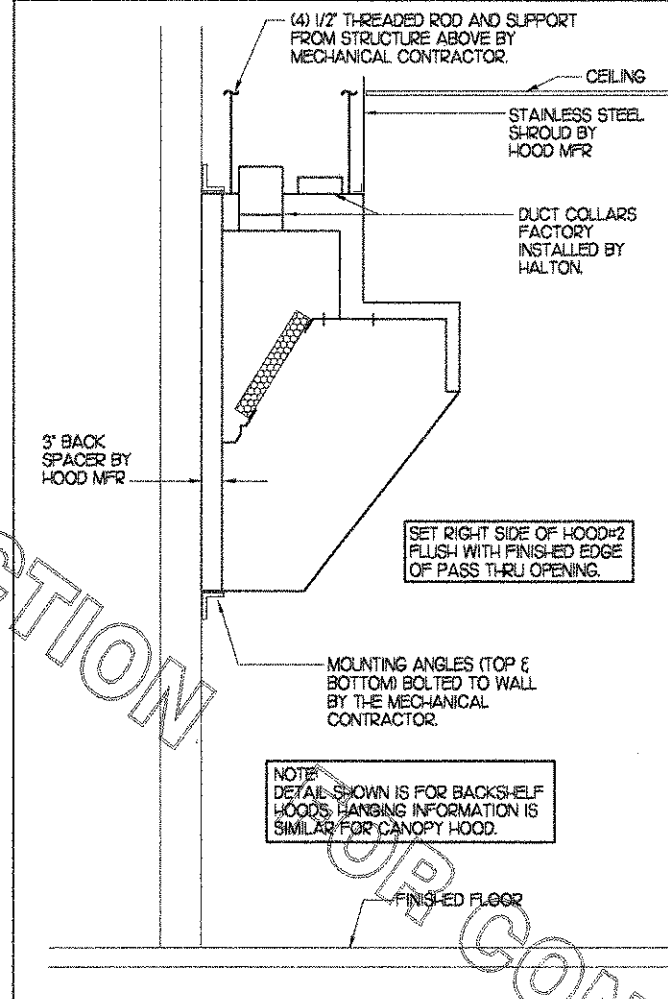
Job No. : 2004.0255
Store : 1740
Date : 8/30/04
Drawn By :
Checked By :

Sheet
M-1.0

KITCHEN HOOD SYSTEMS NOTES

- CHICK-FIL-A MAINTAINS A NATIONAL ACCOUNT WITH HALTON CO. FOR THE HOODS. CHICK-FIL-A WILL PURCHASE AND PROVIDE THE HOODS FOR INSTALLATION BY THE GENERAL CONTRACTOR. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR RECEIVING THE HOODS. CONTACT HALTON CO. AT 270-237-5600 FOR MORE INFO.
- REFER TO "PART 2 CONTROLS" OF THE MECHANICAL SPECIFICATIONS FOR DIFFERENTIATION BETWEEN CONTROL AND POWER WIRING RESPONSIBILITIES.
- ANY CONTACTORS OR WIRING REQUIRED FOR SHUT-OFF OF ELECTRIC COOKING EQUIPMENT SHALL BE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR.
- ALL ROOF CURBS SHALL BE SHIMMED LEVEL.
- ROOF CURBS FOR EXHAUST SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ROOFING CONTRACTORS ASSOCIATION GUIDELINES, AND THE ROOFING SUPPLIER'S DETAILS AND GUIDELINES FOR THE SPECIFIC ROOFING MATERIALS USED. ALL CURB INSULATION SHALL BE SUPPLIED AND INSTALLED BY ROOFING CONTRACTOR.
- THE GENERAL CONTRACTOR SHALL PROVIDE ALL ROOF OUT OPENINGS AND OTHER STRUCTURAL REQUIREMENTS FOR THE INSTALLATION OF ALL ROOF EQUIPMENT. REFER TO STRUCTURAL FRAMING PLAN FOR EQUIPMENT LOCATION DIMENSIONS.
- THE FIRE SUPPRESSION SYSTEM SHALL CONSIST OF A COMPLETE WET ANSLU SYSTEM FURNISHED BY HALTON. THE HOOD SHALL BE FURNISHED PRE-PIPED BY HALTON. COMPONENTS AND INSTALLATION SHALL MEET THE REQUIREMENTS OF NFPA-96, NFPA-70A, ALL APPLICABLE STATE AND FEDERAL CODES AND STANDARDS.
- THE R-102 ANSLU FIRE SUPPRESSION SYSTEM EXTERNAL TO THE HOODS SHALL BE INSTALLED IN ACCORDANCE WITH HOOD MANUFACTURER'S SHOP DRAWINGS BY AN AUTHORIZED ANSLU SYSTEM INSTALLER HIRED BY HALTON.
- PORTABLE FIRE EXTINGUISHERS IN THE KITCHEN SHALL BE PROVIDED BY THE GENERAL CONTRACTOR IN COMPLIANCE WITH NFPA-10 AND LOCAL REQUIREMENTS.
- OUTLETS OF EXHAUST FANS SHALL BE AT LEAST 40 INCHES ABOVE ROOF LINE.
- EXHAUST FANS SHALL BE LOCATED A MINIMUM OF 10 FEET FROM ANY FRESH AIR INTAKE. MEASUREMENT SHALL BE MADE USING STRETCHED STRING METHOD.
- HOOD EXHAUST DUCTWORK SHALL BE 16 GA. BLACK STEEL WITH CONTINUOUS LIQUID TIGHT WELD OF JOINTS & SEAMS AS PER NFPA-96.
- TURN IN GREASE EXHAUST DUCTWORK SHALL BE LONG RADIUS TYPE, WITH A CENTERLINE RADIUS R-3W/2, NO EXCEPTIONS ALLOWED. NO MITERED FITTINGS ALLOWED.
- HOODS AND ASSOCIATED DUCTWORK SHALL BE INSTALLED PER NFPA 96 AND LOCAL CODES.
- ALL STAINLESS STEEL SHROULDS SHALL BE SUPPLIED BY HOOD MANUFACTURER AND INSTALLED BY THE GENERAL CONTRACTOR ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- HOODS, FANS AND ACCESS DOORS SHALL BE LISTED BY UNDERWRITERS INC. AND SHALL MEET REQUIREMENTS OF NFPA-96.
- ACCESS DOORS SHALL BE REMOVABLE WITHOUT USE OF TOOLS AND BE PROVIDED WITH GASKET SEAL.
- SLOPE ALL GREASE EXHAUST DUCT BACK TO HOOD AT 1/4" PER FOOT OF RUN.
- WRAP NEW GREASE DUCT WITH 3M FIRE BARRIER 15A. ACCESS DOORS SHALL BE INSTALLED ACCORDING TO 3M FIRE BARRIER PRODUCTS INSTALLATION MANUAL.

SIDE VIEW OF HOOD



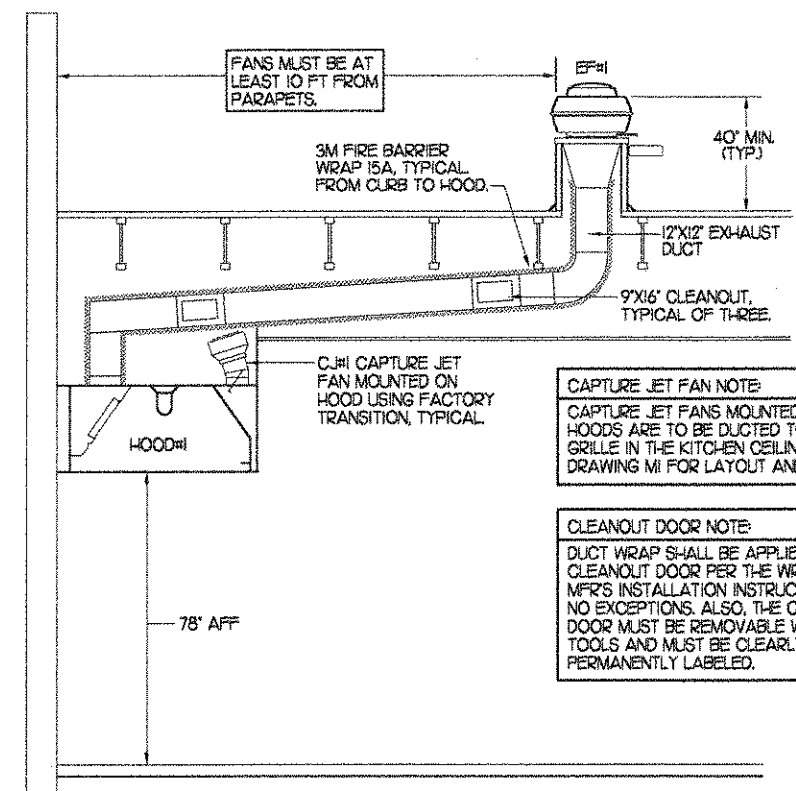
HOOD SCHEDULE

MARK	EXHAUST CFM	SP • TAB PORT	CAPTURE JET CFM & S.P.	TYPE	COLLAR SIZE	WIDTH	DEPTH	HEIGHT	MANUFACTURER	MODEL	REMARKS
HOOD#1	1500	23"	102 • 0.72'	CANOPY	12X12"	105"	51"	24"	HALTON	KVE	1,2,3,4,5,6,7,8,9
HOOD#2	950	23"	48 • 0.30'	BACK SHELF	9X10"	72"	34"	48"	HALTON	KVL	1,2,4,5,9,10

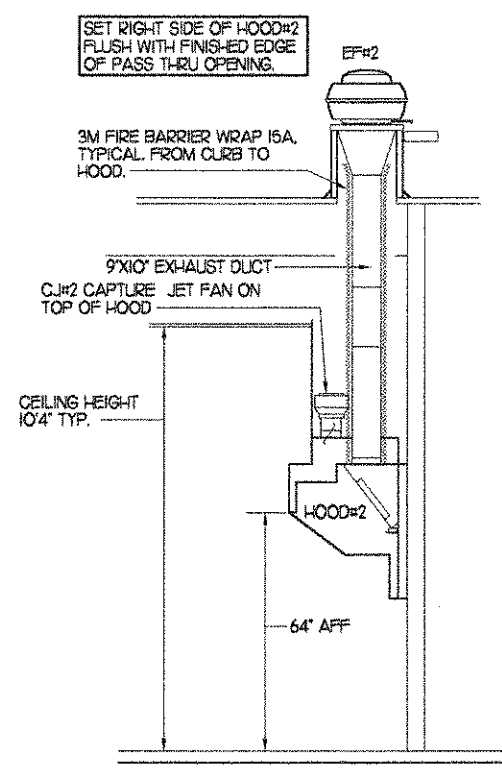
NOTES: DIMENSIONS OF HOODS INCLUDE BACK AND SIDE SPACERS (HEIGHT DOES NOT INCLUDE CLOSURE PANELS).

REMARKS:

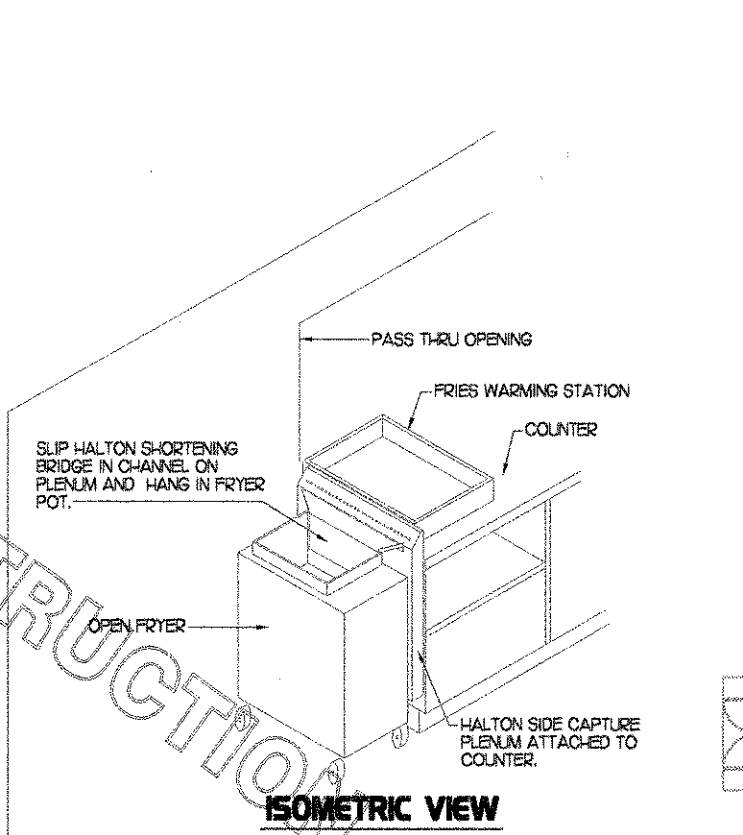
- 1) STAINLESS STEEL CONSTRUCTION.
- 2) PROVIDE FULL HEIGHT SS CLOSURE PANEL WITH ACCESS PANEL IN FRONT LARGE ENOUGH TO REMOVE CAPTURE JET FAN.
- 3) PROVIDE FULL HEIGHT SS CLOSURE PANEL WITH ACCESS PANEL IN FRONT LARGE ENOUGH TO SERVICE ANSLU COMPONENTS.
- 4) PROVIDE PRE-PIPED ANSLU R-102 WET FIRE EXTINGUISHING SYSTEM.
- 5) PROVIDE 3" BACK SPACER.
- 6) PROVIDE 3" RIGHT SIDE SPACER.
- 7) PROVIDE PARTIAL SIDE SKIRT ON LEFT SIDE.
- 8) PROVIDE BLANK-OFF PLATE FOR SWITCH COVER.
- 9) PROVIDE TOP PLENUM CAPTURE JET FAN, SPEED CONTROLLER AND COLLAR.
- 10) PROVIDE COUNTER MOUNTED SIDE CAPTURE JET PLENUM ASSEMBLY AND FAN.



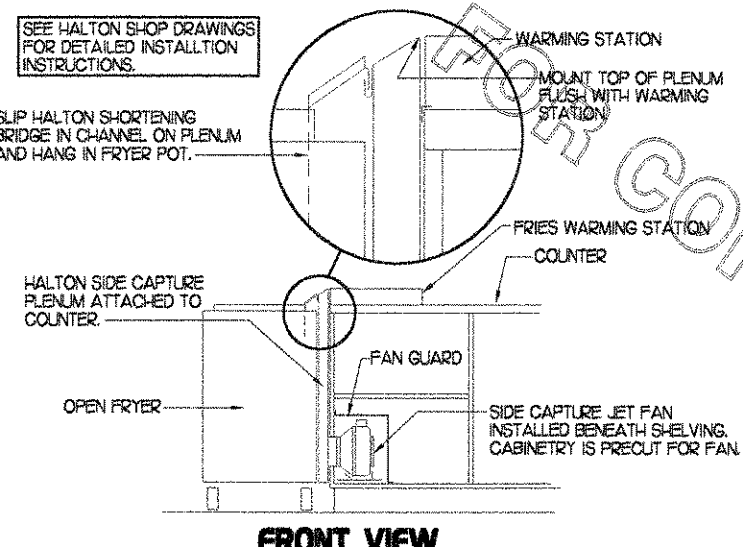
SECTION "A-A"



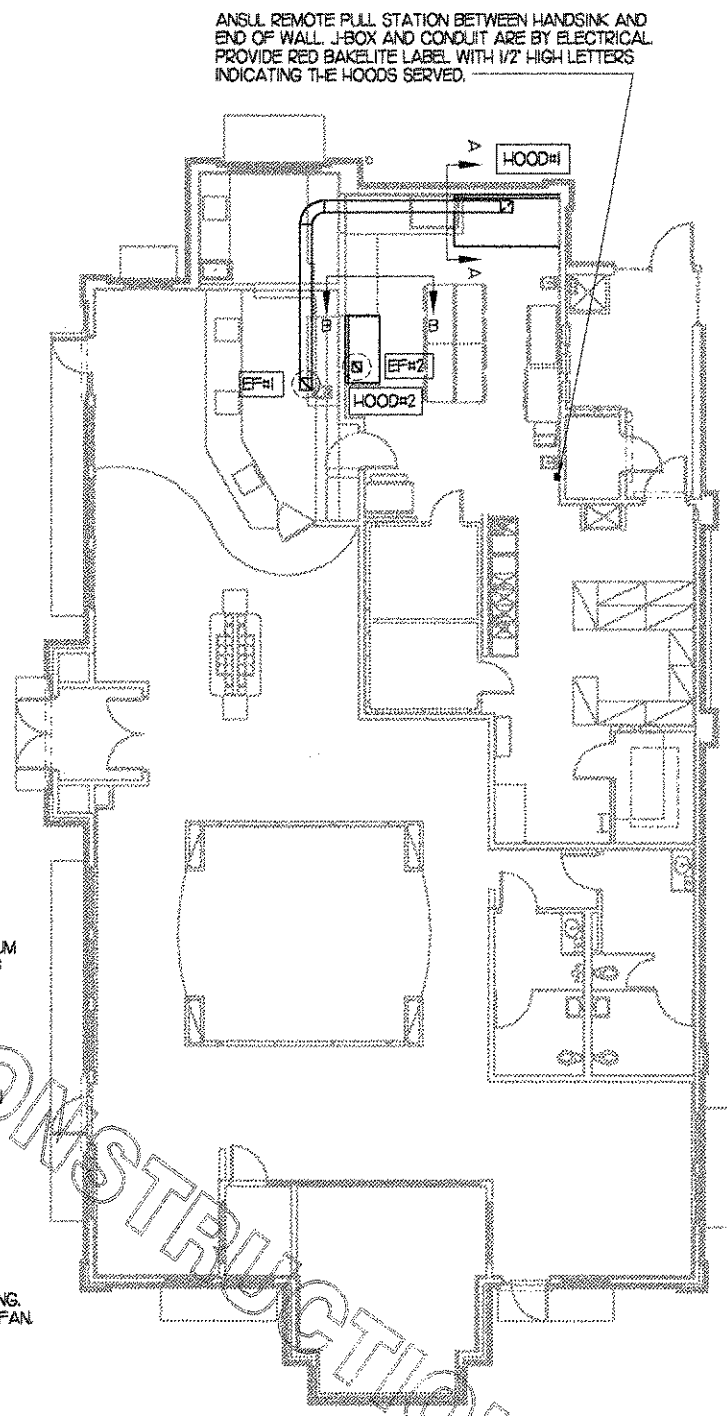
SECTION "B-B"



ISOMETRIC VIEW



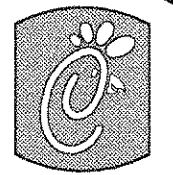
FRONT VIEW



HOOD LAYOUT

HOOD ELEVATIONS

HALTON SIDE CAPTURE JET PLENUM



5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:
Mark Date By
△
△
△

Seal

AA 004300
CA 8640
933 LEE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32810
PH 407 545 8008
FX 407 689 9124

INTERPLANE
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES
FSU 03--A

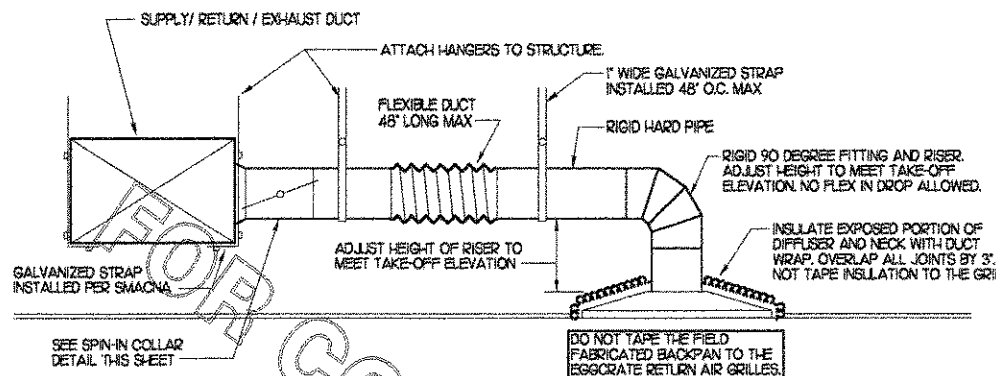
DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
HOOD DETAILS
& SCHEDULES

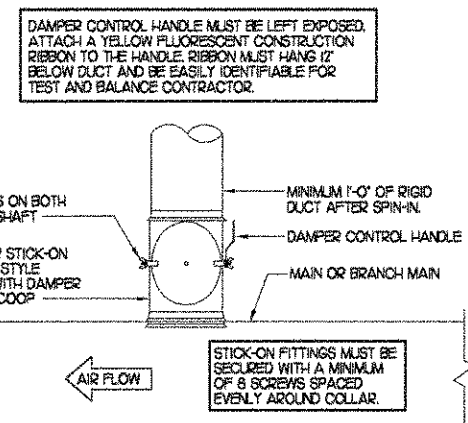
DWG EDITION 03.8

Job No. : 2004.0255
Store : 1740
Date : 8/30/04
Drawn By :
Checked By :
Sheet

M-2.0



1 SAG/RAG/GRILLE TAKE-OFF



2 SPIN-IN COLLAR

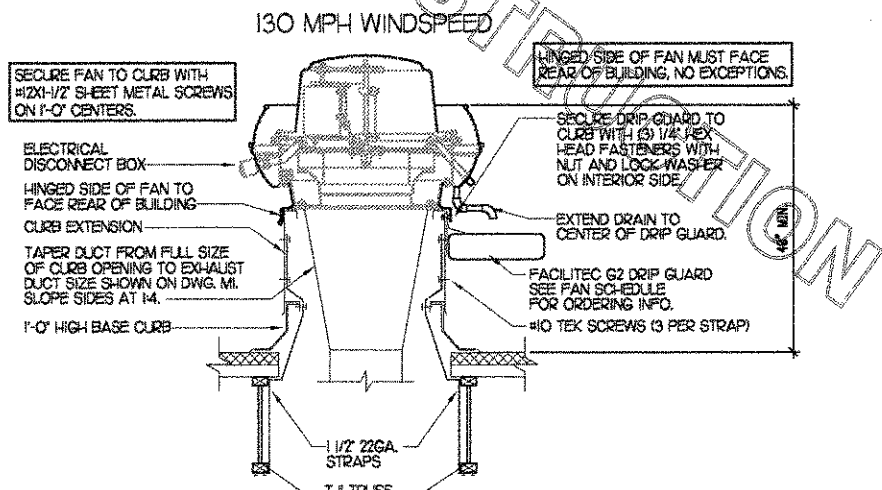
GAS FIRED ROOFTOP UNIT SCHEDULE

MARK	COOLING CAPACITY (MBH)			HEATING CAPACITY (MBH)			FAN SECTION (CFM)			MODEL	MANUFACTURER	REMARKS
	TOTAL	SENS	EAT DBWB	INPUT	OUTPUT	SUPPLY	O.A.	HP	ESP			
ACH1	156	99.0	80/67	235.0	188.0	4,400	1,200	3	70	LG2502BH	LENNOX	13,5,6,7,8,9,10,11,12,13,14,15
ACH2	125.0	93.9	81/67	235.0	188.0	3,500	1,200	3	65	LG4202BH	LENNOX	2,3,5,7,8,9,10,11,12,13,14,15
ACH3	141.5	100.9	81/66.4	235.0	188.0	3,800	1,200	3	70	LG4202BH	LENNOX	13,5,6,7,8,9,10,11,12,13,14,15
ACH4	60.7	46.9	78.5/64.6	125.0	100.0	1,800	300	15	65	LG4002BH	LENNOX	3,4,5,7,8,9,10,11,12,13,14,15

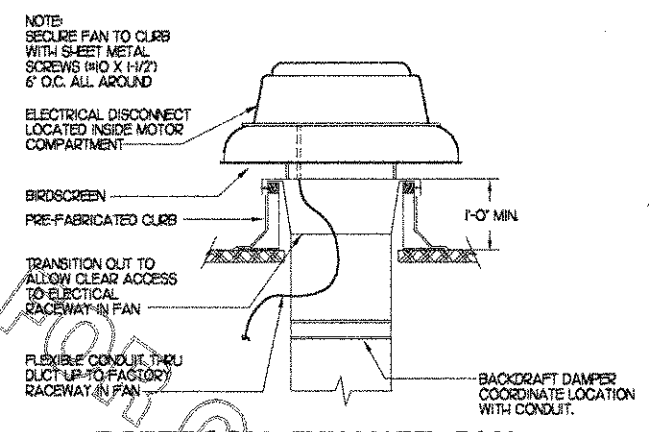
NOTES: COOLING CAPACITIES ARE GROSS, BASED ON OUTDOOR 95°F DB.

REMARKS:

- 1) PROVIDE DIFFERENTIAL ENTHALPY ECONOMIZER WITH POWER EXHAUST.
- 2) PROVIDE DIFFERENTIAL ENTHALPY ECONOMIZER WITH BAROMETRIC EXHAUST.
- 3) PROVIDE 1/2\"/>



3 TYPICAL FAN TIE-DOWN SYSTEM DETAIL



4 RESTROOM EXHAUST FAN

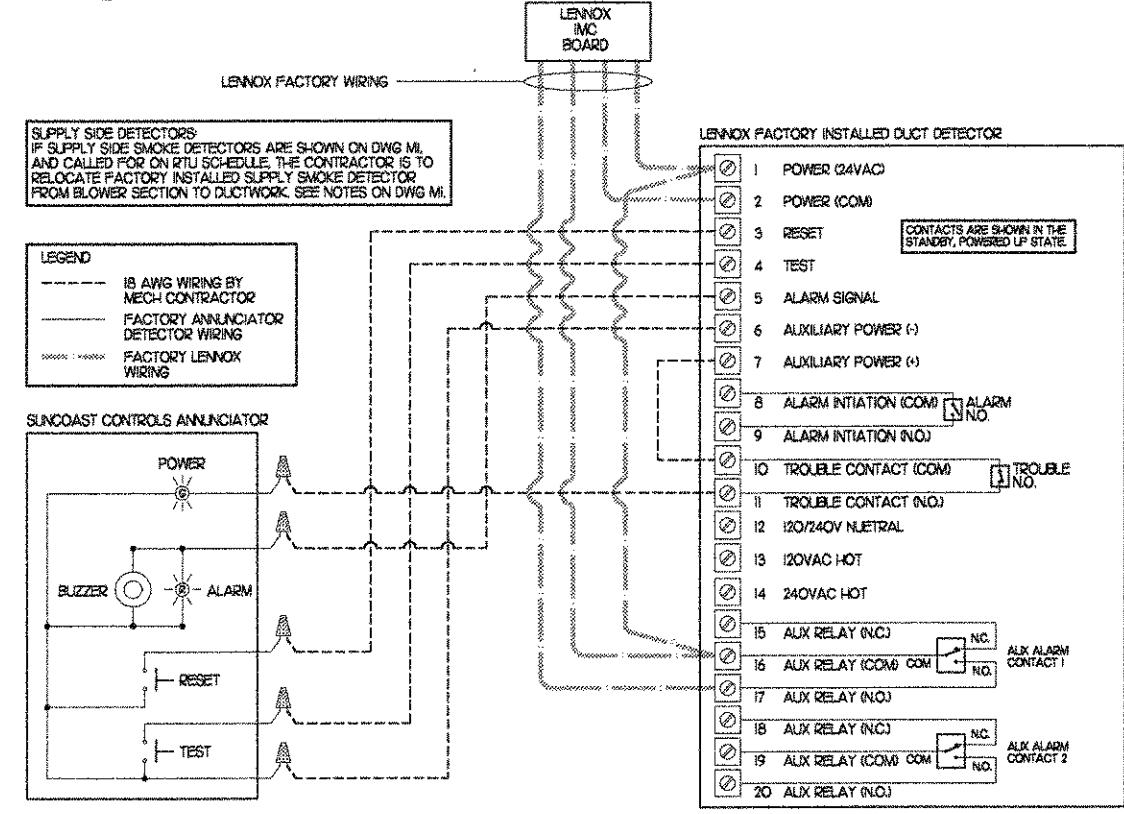
EXHAUST FAN SCHEDULE

MARK	CFM	ESP	RPM	TP SPEED (FPS)	HP	AREA SERVED	MODEL	MANUFACTURER	REMARKS
EF#1	1500	0.75	1200	105	3/4	HOOB#1	NERTD-140A	JENN	12,3,4,9
EF#2	950	0.60	950	91	3/4	HOOB#2	NERTD-140A	JENN	12,3,4,9
EF#3	500	.375	1083	58	1/4	RESTROOMS	REDIC25S	JENN	2,5,6,7,8,9

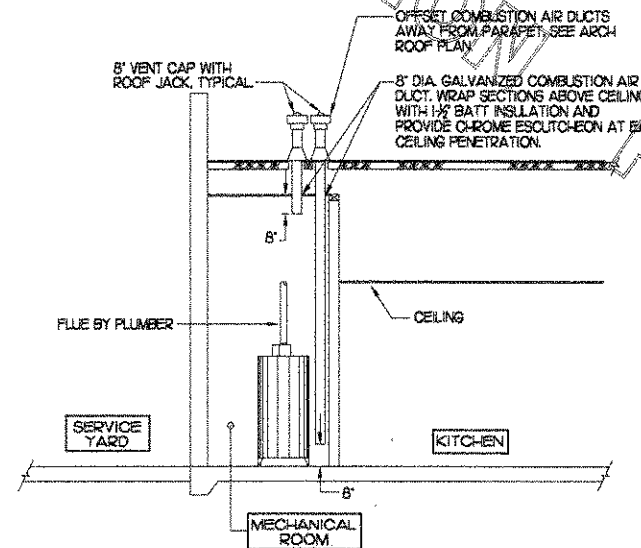
NOTES: GREASE EXHAUST FAN RPM BASED ON 78 DEGREE F AIR AT SEA LEVEL.

REMARKS:

- 1) PROVIDE FACTORY 1'-0\"/>



5 SMOKE DETECTOR AND ANNUNCIATOR WIRING DIAGRAM



6 WATER HEATER VENT/C.A. ROUTING

AIR DEVICE SCHEDULE

MARK	DESCRIPTION	LOCATION	NECK SIZE	FACE SIZE	CEILING TYPE	REMARKS
A	TITUS MODEL P55-AA ALUMINUM SUPPLY AIR DIFFUSER WITH AIR PATTERN CONTROLLER.	DINING AREA KITCHEN	SEE PLAN	24X24	LAY-IN	1
B	TITUS MODEL PAR-AA ALUMINUM RETURN AIR GRILLE USED AS A SUPPLY DIFFUSER.	KITCHEN	SEE PLAN	24X24	LAY-IN	1
C	TITUS MODEL 50F ALUMINUM EGGRATE RETURN AIR GRILLE.	OFFICE	10X10	12X12	LAY-IN	1,5
D	TITUS MODEL 272FS DOUBLE DEFLECTION ALUMINUM SIDEWALL SUPPLY REGISTER, FRONT BLADE PARALLEL TO SHORT SIDE.	MECHANICAL ROOM	SEE PLAN	SEE PLAN	NA	1
E	TITUS MODEL TMR-AA ALUMINUM CONCENTRIC ROUND CONE SUPPLY DIFFUSER.	OFFICE	10	18	LAY-IN	1,6
F	TITUS MODEL 50F ALUMINUM EGGRATE RETURN AIR GRILLE.	DINING/KITCHEN PLAYGROUND	24X24	24X24	LAY-IN	1,5
G	TITUS MODEL 3FL ALUMINUM SIDEWALL RETURN GRILLE, FRONT BLADE PARALLEL TO LONG SIDE.	MECHANICAL ROOM	SEE PLAN	SEE PLAN	NA	1
H	TITUS MODEL MOD STEEL SUPPLY AIR DIFFUSER FIELD ADJUSTABLE AIR PATTERN CONTROLLERS.	RESTROOMS ENTRY 'A'	8X8	19X3	6TPSLM	12,3,5
I	TITUS MODEL 50F ALUMINUM EGGRATE RETURN AIR GRILLE WITH ODD.	RESTROOMS ENTRY 'A'	8X8	10X10	6TPSLM	1,4,5
K	TITUS MODEL 272FL DOUBLE DEFLECTION ALUMINUM SIDEWALL SUPPLY REGISTER, FRONT BLADE PARALLEL TO LONG SIDE.	PLAYGROUND	18X12	20X14	NA	1

REMARKS:

- 1) STANDARD OFF-WHITE FINISH.
- 2) PROVIDE MODEL AG-85 NECK DAMPER.
- 3) DIFFUSER IN RESTROOMS SHALL BE 2-WAY THROW.
- 4) PROVIDE MODEL AG-15 NECK DAMPER ON GRILLES IN RESTROOMS AND ENTRY VESTIBULE.
- 5) FIELD FABRICATE 8\"/>

AIR DOOR SCHEDULE

MARK	CFM	VELOCITY	HEATING CAP	HP	AREA SERVED	MODEL	MANUFACTURER	REMARKS
FF#1	3,384	4,000	NA	3/4	REAR DOOR	BOT-142	POWERED-AIR	1,4
FF#2	750	3,050	7.2 KW	1/5	DRIVE THRU	MP-1-30E	POWERED-AIR	2,3,4

REMARKS:

- 1) FACTORY PROVIDED PLUNGER TYPE MICRO-SWITCH.
- 2) FACTORY PROVIDED REMOTE MOUNTED HEAT/ON/OFF TO CONTROLS.
- 3) FACTORY PROVIDED, UNIT MOUNTED SPEED CONTROLLER.
- 4) CHICK-FIL-A HAS A NATIONAL ACCOUNT WITH POWERED-AIR. THE MECHANICAL CONTRACTOR SHALL PURCHASE THE FANS DIRECTLY FROM THE NATIONAL ACCOUNT REP, TOM BARRROW COMPANY, CONTACT MR. TOM BARRROW SR AT 404-951-0101, FOR PRICING AND AVAILABILITY.

5200 Buffington Rd.
Atlanta Georgia,
30349-2996

Revisions:
Mark Date By
3/17/04
COORD. REVISIONS

Mark Date By

Mark Date By

Seal

AA 004320
CA 8640
933 LEE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32810
PH 407-629-9126
FX 407-629-9124

INTERPLAN
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES
FSU 03-A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
HVAC DETAILS
& SCHEDULES

DWG EDITION 03.8

Job No. : 2004.0255
Store : 1740
Date : 8/30/04
Drawn By :
Checked By :
Sheet

M-3.0

(130 MPH WINDSPEED)

PROVIDE 4-22 GA.- 1 1/8" WIDE HURRICANE STRAPS PER A/C UNIT.

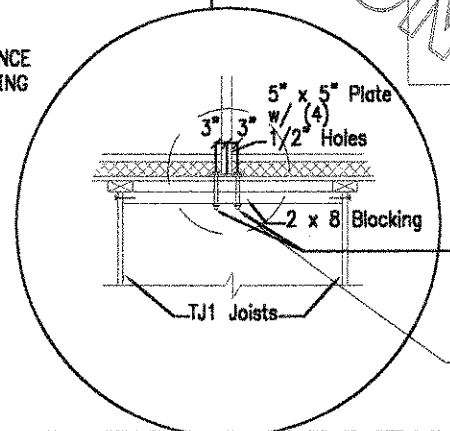
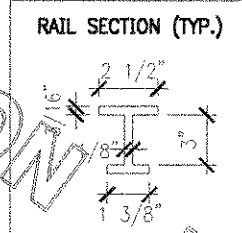
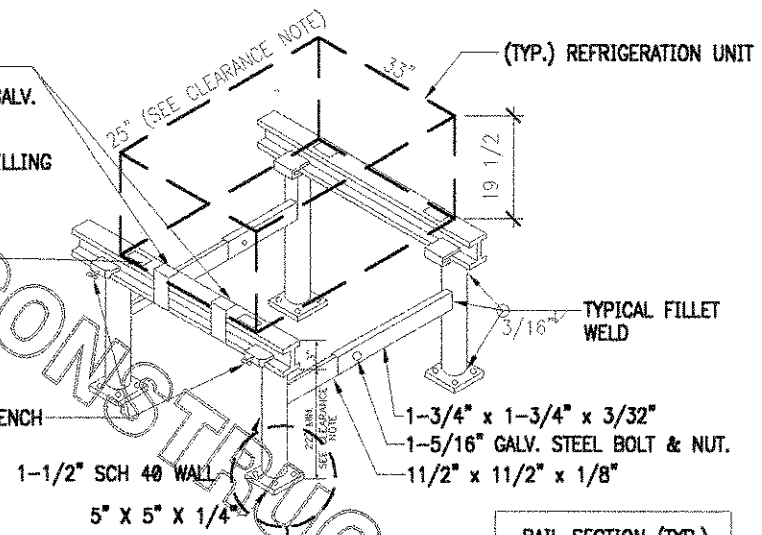
- A.) 2-3/8" X 3/4" LONG A307 STEEL GALV. BOLTS AND NUTS FASTENED TO WEB OF ALUMINUM STAND RAIL.
- B.) 3-10-16 X 3/4" HWH #3 SELF DRILLING HILTI KWIK-FLEX SCREWS TO WEB OF ALUMINUM STAND RAIL.

PAD (TYP.) BY A/C CONTRACTOR
EXAMPLES:
RUBBER VIBRATION PAD (RP. 3/4" - 2"X2")
(RP. 3/8" - 2"X2")

1/4" X 3/4" GALVANIZED STEEL THUMBSCREW TIGHTEN WITH TORQUE WRENCH TO REFUSAL.

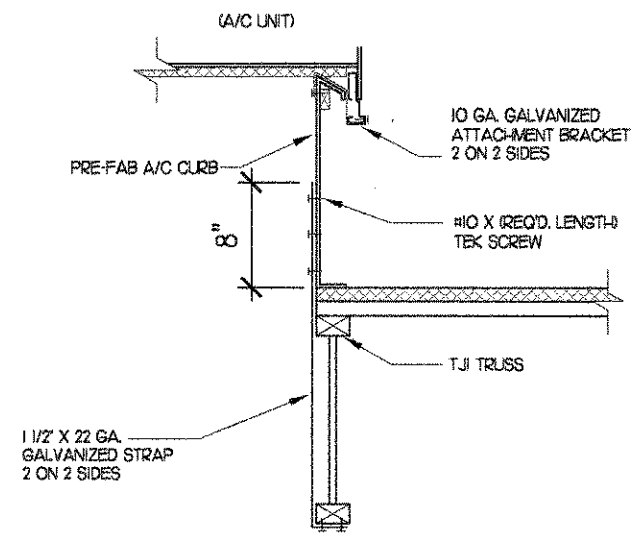
NOTES:

- 1.) ALL CONSTRUCTION TO MEET ALUMINUM ASSOCIATION SPECS.
- 2.) VIBRATION INSULATOR PADS SHALL BE PROVIDED BY THE A/C CONTRACTOR SO AS NOT TO CAUSE VIBRATION TO EXISTING SUB-STRUCTURE.
- 3.) ALUMINUM EQUIPMENT STAND SUPPORTS AS MANUFACTURED BY AVCOA CORPORATION OF FORT LAUDERDALE, FLA. OR APPROVED EQUAL STANDS SHALL PROVIDE 18" MINIMUM CLEARANCE AND SHALL BE SIZED AND INSTALLED ACCORDING TO THE MANUFACTURERS LOAD CHARTS AND PRINTED INSTALLATION DETAILS. CONTACT: (800) 266-7212
- 4.) STRAP DOWN UNITS WITH 22 GAUGE STRAPS AT 4 CORNERS WITH TEK SCREWS



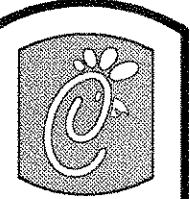
1/2" x 10" Grade 8 Bolts w/ Grade 8 washers & 1/2" Grade 8 Nuts (4 per post)
SEE II/A1.8

130 MPH WINDSPEED



2 ROOFTOP A/C UNIT TIE-DOWN DETAIL
NO SCALE

REFRIGERATION SYSTEM FRAMING SUPPORT DETAIL
NO SCALE



Chick-fil-A

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark Date By

△

Mark Date By

△

Mark Date By

△

Seal

AA 04320
CA 8460
933 LEE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32810
FL 407.629.9124

INTERPLAN
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE SERIES FSU 03-A

DOLPHIN VILLAGE
4823 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
HVAC DETAILS

DWG EDITION 03.8

Job No. : 2004.0255

Store : 1740

Date : 8/30/04

Drawn By : _____

Checked By: _____

Sheet

M-3.I

MECHANICAL SPECIFICATIONS

PART I GENERAL

- FURNISH ALL MATERIALS, LABOR, TOOLS, TRANSPORTATION AND INCIDENTALS TO COMPLETE IN EVERY DETAIL, AND LEAVE IN WORKING ORDER ALL ITEMS CALLED FOR HEREIN OR SHOWN ON THE ACCOMPANYING DRAWINGS.
- IT IS THE RESPONSIBILITY OF CONTRACTOR TO READ ALL SPECIFICATIONS AND CONSULT ALL DRAWINGS WHICH MAY AFFECT THE INSTALLATION AND COORDINATION OF HIS WORK WITH OTHER TRADES. CONTRACTOR SHALL COORDINATE AND MAKE MINOR ADJUSTMENTS IN LOCATION OF EQUIPMENT AND MATERIALS AS NECESSARY TO SECURE COORDINATION.
- CONTRACTOR SHALL PROVIDE SIX SUBMITTAL SETS OF SHOP DRAWINGS TO ENGINEER FOR APPROVAL PRIOR TO STARTING WORK. IF ANY CHANGES ARE DESIRED, THE SUBMITTALS SHALL ALSO SHOW ALL REQUIRED MODIFICATIONS AND CHANGES, INCLUDING THOSE INVOLVING OTHER TRADES, AND COST THEREOF SHALL BE SUBMITTED TO THE OWNER.
- CONTRACTOR MUST RECEIVE PRIOR APPROVAL, SIGNED BY ENGINEER BEFORE PROCEEDING WITH ANY MODIFICATIONS. WORK INSTALLED USING UNAPPROVED LAYOUT OR SUBSTITUTIONS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL VISIT THE SITE AND FULLY INFORM HIMSELF CONCERNING ALL CONDITIONS AFFECTING SCOPE OF WORK. FAILURE TO DO SO SHALL NOT RELIEVE CONTRACTOR OF ANY RESPONSIBILITY IN THE PERFORMANCE OF HIS WORK. ALL WORKMANSHIP SHALL BE OF THE HIGHEST QUALITY IN ACCORDANCE WITH THE BEST PRACTICES OF THE TRADE BY CRAFTSMEN SKILLED IN THIS PARTICULAR WORK.
- CONTRACTOR SHALL FILE ALL DRAWINGS, PAY ALL FEES AND OBTAIN ALL PERMITS AND CERTIFICATES OF INSPECTION RELATIVE TO THIS WORK.
- COMPLETED INSTALLATION SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES AND ORDINANCES, INCLUDING BUT NOT LIMITED TO THE LATEST APPROVED EDITIONS OF NFPA-96, NFPA-90A, NFPA-54, SMACNA, ASH-RAE 90I AND ASH-RAE 62.
- SYSTEM LAYOUT IS SCHEMATIC AND EXACT LOCATIONS SHALL BE DETERMINED BY STRUCTURAL CONDITIONS, COORDINATION WITH OTHER TRADES, COORDINATION WITH FINISHES AND OTHER CONDITIONS. STRUCTURAL SUPPORTS SHALL NOT BE CUT OR ALTERED TO ASSURE FIT OF HVAC SYSTEM. TEN FOOT CLEARANCE SHALL BE MAINTAINED BETWEEN OUTSIDE AIR INTAKES AND EXHAUST FANS AND PLUMBING VENT TERMINALS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEFECTS, REPAIRS AND REPLACEMENTS IN MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR AFTER FINAL PAYMENT IS APPROVED. CONTRACTOR SHALL HONOR FACTORY WARRANTIES ON ALL EQUIPMENT PROVIDED AS PART OF THIS SYSTEM.
- UPON COMPLETION OF PROJECT, ALL SYSTEM EQUIPMENT AND MATERIALS SHALL BE IN NEW, CLEAN CONDITION WITH ALL DAMAGE RESTORED TO CONDITION ACCEPTABLE TO THE OWNER'S REPRESENTATIVE. ALL EQUIPMENT, COMPONENTS AND DUCTWORK SHALL BE INSPECTED AND THOROUGHLY CLEANED, READY FOR USE. AT COMPLETION OF JOB, ALL MISCELLANEOUS TOOLS, SCAFFOLDING, SURPLUS MATERIALS, RUBBISH AND DEBRIS SHALL BE REMOVED BY CONTRACTOR.
- IF HVAC EQUIPMENT IS USED FOR TEMPORARY HEATING, ETC., THE CONTRACTOR SHALL ASSUME THE RESPONSIBILITY FOR CLEANING COILS, ETC. FINAL PERMANENT CONNECTIONS OF SERVICES TO UNITS SHALL BE COMPLETE PRIOR TO ANY START-UP OF EQUIPMENT. PROVIDE NEW FILTERS AT WORK COMPLETION.
- CONTRACTOR SHALL SUBMIT SIX (6) SETS OF INSTRUCTION BOOKS INCLUDING INSTALLATION, OPERATION AND MAINTENANCE INSTRUCTIONS, PAMPHLETS OR BROCHURES AND ALL EQUIPMENT WARRANTIES OBTAINED FROM EACH MANUFACTURER OF EQUIPMENT TO OWNER'S REPRESENTATIVE.
- DRAWINGS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED FOR EXACT SIZES OR LOCATIONS. THEY ARE NOT INTENDED TO DISCLOSE ABSOLUTE OR UNCONDITIONAL KNOWLEDGE OF ACTUAL FIELD CONDITIONS.

PART II PRODUCTS

I. HEATING AND COOLING EQUIPMENT

- FURNISH AND INSTALL ROOFTOP SINGLE PACKAGE COMBINATION ELECTRIC COOLING AND NATURAL GAS FIRED HEATING UNITS BY LENNOX AS SHOWN ON DRAWINGS. EQUIPMENT SHALL BE ARI CERTIFIED AND A.G.A. AND U.L. LISTED.
 - UNIT SHALL BE FACTORY ASSEMBLED, TESTED AND HAVE COMPLETE REFRIGERANT R-22 CHARGE, READY TO OPERATE. ALL TUBING JOINTS SHALL BE BRAZED. COILS SHALL BE MINIMUM OF 3-ROWS DEEP.
 - INDOOR FAN SHALL BE STATICALLY AND DYNAMICALLY BALANCED, DOUBLE INLET, FORWARD CURVED BELT DRIVEN BLOWER CAPABLE OF DELIVERING DESIGN CFM. FAN SHALL BE QUIET IN OPERATION AND INTERNALLY VIBRATION ISOLATED.
 - FILTERS SHALL BE THROW AWAY TYPE, FARR 30/30 2" OR EQUAL. A CLEAN SET OF REPLACEMENT FILTERS SHALL BE PROVIDED AND INSTALLED BY CONTRACTOR AFTER SUCCESSFUL START-UP OF EQUIPMENT AND AGAIN PRIOR TO OPENING.
 - ACCESSORIES SHALL INCLUDE LOW AND HIGH PRESSURE SAFETIES, CRANK CASE HEATER, OVERCURRENT AND OVERTEMPERATURE SAFETY, COMPRESSOR VIBRATION ISOLATORS, FILTER DRIERS, REFRIGERANT SERVICE VALVES, COIL HAIL GUARDS (FL, TX, OK ONLY), CONVENIENCE OUTLETS FACTORY INSTALLED ON SCHEDULED UNITS, UNIT MOUNTED NON-FUSED DISCONNECTS, LOW AMBIENT OPERATION DOWN TO 30 DEGREES F AND EVAPORATOR FREEZE STAT.
 - COMPRESSORS SHALL BE FULLY HERMETIC SCROLL TYPE WITH INTERNAL VIBRATION ISOLATORS. COMPRESSORS SHALL BE PROVIDED WITH A MINIMUM FIVE (5) YEAR FULL WARRANTY.
 - UNIT SHALL BE DOWN DISCHARGE AS INDICATED ON THE DRAWINGS.
 - UNITS SHALL BE PROVIDED WITH FACTORY INSTALLED DIFFERENTIAL ENTHALPY ECONOMIZERS WITH POWER OR BAROMETRIC EXHAUST AS SCHEDULED. PLAYGROUND UNIT SHALL BE EQUIPPED WITH 0-100% MOTORIZED O.A. DAMPER ASSEMBLY.
 - THE UNIT HEAT EXCHANGERS SHALL BE STEEL WITH ALUMINIZED STEEL COATING. HEATING CONTROLS SHALL CONSIST OF REDUNDANT GAS VALVES, INTERMITTENT PILOT WITH ELECTRONIC SPARK OR HOT PLATE IGNITION SYSTEM, COMBUSTION EXHAUST FAN PROTECTED BY CENTRIFUGAL SWITCHES, HEAT LIMIT SWITCHES, TIME-DELAY RELAY, FLAME AND PILOT SENSORS. ALL UNITS SHALL BE CAPABLE OF TWO STAGES OF HEAT. HEAT EXCHANGES SHALL HAVE A TEN (10) YEAR WARRANTY. BURNERS SHALL BE ALUMINIZED IN-SHOT TYPE. THE DRAFT MOTOR SHALL BE MONITORED BY THE CONTROL SYSTEM.
 - CHICK-FIL-A MAINTAINS A NATIONAL ACCOUNT FOR EQUIPMENT WITH LENNOX CORPORATION. PRICING FOR THE EQUIPMENT HAS BEEN ESTABLISHED IN ADVANCE. CONTACT LENNOX NATIONAL ACCOUNTS AT 972-497-5307 FOR PRICING, ORDERING AND AVAILABILITY.
- ### 2. GENERAL EXHAUST AND KITCHEN HOOD FANS
- FANS SHALL BE JENN MODELS, UP BLAST OR DOWN BLAST, CENTRIFUGAL OR PROPELLER, AS INDICATED ON DRAWINGS AND SHALL BE LOCATED WHERE SHOWN ON DRAWINGS. ALL FANS SHALL BE U.L. LISTED FOR INTENDED USE AND SHALL BEAR THE A.M.C.A. SEAL. MANUFACTURERS OTHER THAN THE JENN MODELS SPECIFIED ARE NOT ACCEPTABLE.
- ### 3. ROOF CURBS
- EQUIPMENT MANUFACTURER SHALL PROVIDE ALL ROOF CURBS FOR ROOF MOUNTED EQUIPMENT.
 - ROOF CURBS FOR ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ROOFING CONTRACTORS ASSOCIATION GUIDELINES, AND THE ROOFING SUPPLIER'S DETAILS AND GUIDELINES FOR THE SPECIFIC ROOFING MATERIALS USED.
 - CURB CONSTRUCTION AND HEIGHT FOR THE HOOD FANS SHALL CONFORM TO THE REQUIREMENTS OF NFPA 96.
 - THE RESTROOM EXHAUST FAN CURB SHALL BE 1'-0" HIGH MINIMUM.
 - ALL CURBS SHALL HAVE PERIMETER INSULATION PROVIDED AND INSTALLED BY THE ROOFING INSTALLER.
 - THE ROOFTOP EQUIPMENT CURBS SHALL HAVE A 2" THICK ACOUSTICAL INSULATION BLANKET APPLIED BETWEEN THE ROOF AND EQUIPMENT BY THE MECHANICAL CONTRACTOR.
 - ROOFTOP EQUIPMENT SHALL BE SECURED TO ROOF CURB AND ROOF STRUCTURE TO RESIST 140 MPH WIND LOAD.

4. DUCTWORK, INSULATION & INSTALLATION (SEE DWG M2 FOR GREASE DUCT)

- ACCEPTABLE MANUFACTURERS OF INSULATION ARE MANVILLE, OWENS CORNING OR KNAUF.
 - ALL DUCTWORK SHALL BE SHEET METAL.
 - DUCT DIMENSIONS SHOWN ARE INSIDE CLEAR DIMENSIONS.
 - CONSTRUCTION OF DUCTWORK SHALL MEET SMACNA 1" W.C. PRESSURE CLASS STANDARD AND RECOMMENDATIONS. SMACNA SHALL BE FOLLOWED WITH RESPECT TO GAGE THICKNESS, JOINTS, REINFORCING, CONSTRUCTION, INSTALLATION AND SUPPORT FOR PRESSURE CLASS STATED. ALL TRANSVERSE JOINTS IN RECTANGULAR AND ROUND DUCT SHALL BE SEALED PER SMACNA SEAL CLASS C WITH U.L. DUCT MASTIC SEALANT APPROVED FOR INTENDED USE. STANDARD DUCT TAPE IS NOT ACCEPTABLE.
 - ALL DUCT INSULATION SHALL MEET MINIMUM R-VALUE REQUIRED BY ASH-RAE 90I LATEST EDITION. ALL DUCT WRAP SHALL BE MINIMUM 2" THICK, 3/4 PCF AND 5.6 R-VALUE INSTALLED WITH EITHER A VAPOR BARRIER WITH MAXIMUM PERMEANCE 0.05 OR A MINIMUM 2 MIL ALUMINUM REINFORCED FOLKRAFT FACING.
 - ALL DUCT DROPS FROM THE ROOFTOP UNITS SHALL BE EXTERNALLY INSULATED.
 - SUPPLY AND RETURN AIR DUCTWORK SERVING THE PLAYGROUND, KITCHEN, SERVING AND DINING AREAS SHALL BE EXTERNALLY INSULATED.
 - RESTROOM RECTANGULAR EXHAUST AIR DUCTWORK SHALL BE LINED WITH 1" THICK, 1/2 PCF INSULATION.
 - TRUNK DUCTS SHALL BE ISOLATED FROM UNIT VIBRATION WITH THE USE OF NFPA AND U.L. APPROVED FLEXIBLE CONNECTORS INSTALLED AT THE TOP OF BOTH SUPPLY AND RETURN DROPS.
 - INSULATED FLEXIBLE DUCT MAY BE UTILIZED FOR RUNOUTS TO GRILLES AND DIFFUSERS ONLY IN THE HORIZONTAL POSITION AND IN MAXIMUM LENGTHS OF 4'-0", NO EXCEPTIONS. SEE TAKE-OFF DETAIL ON DRAWING M3.
 - CONSTRUCTION OF FLEXIBLE DUCTWORK SHALL INCLUDE SPIRAL METAL HELIX BONDED TO A POLYESTER CORE, FIBERGLASS INSULATION WITH POLYETHYLENE OR NYLAR VAPOR BARRIER. ALL COMPONENTS SHALL HAVE APPROPRIATE U.L. APPROVAL AND SHALL BE EQUIVALENT TO FLEXMASTER TYPE 3M.
 - FLEXIBLE DUCT SHALL BE INSTALLED USING DRAWBANDS AND FOIL TAPE ON THE INNER CORE AND OUTER INSULATION.
 - SINGLE THICKNESS TURNING VANES SHALL BE INSTALLED AT 90 DEGREE TURNS IN SUPPLY DUCTWORK WHERE ANY ONE DIMENSION IS GREATER THAN 12".
 - RADIUS ELBOWS MAY BE SUBSTITUTED FOR 90 DEGREE ELBOWS AT THE DISCRETION OF THE CONTRACTOR. CENTERLINE RADIUS EQUAL TO 3W/2 PER FIGURE NO. 2-2 IN SMACNA HVAC DUCT CONSTRUCTION STANDARDS.
- ### 5. AIR DEVICES
- AIR DEVICES SHALL BE BY TITUS. ACCEPTABLE EQUIVALENTS ARE KRUEGER AND METALAIR. COORDINATE FRAME TYPE WITH REFLECTED CEILING PLAN PRIOR TO ORDERING. FURNISH AND INSTALL ACCESS DOORS IN GYPSUM CEILINGS AND WALLS FOR DAMPER ACCESS. PAINT ACCESS DOOR TO MATCH CEILING FINISH.
 - MANUAL VOLUME BALANCING DAMPERS SHALL BE SPIN-IN OR STICK-ON TYPES WITH STRAIGHT TAKE-OFF STYLE AND MUST HAVE WING NUTS EXTERNALLY LOCATED AT BOTH ENDS OF DAMPER SHAFT.
- ### 6. PAINTING
- ALL EQUIPMENT LOCATED OUTDOORS SHALL HAVE ANY SCRATCHES TOUCHED UP WITH PAINT OF THE SAME TYPE AND COLOR AS ORIGINAL.
- ### 7. CONTROLS
- SYSTEMS SHALL BE COMPLETE WITH CONNECTIONS TO CFA-500 TEMPERATURE CONTROL PANEL AS MANUFACTURED BY SUNCOAST ENVIRONMENTAL CONTROLS (S.E.C.) (PH: 877-544-6679). THE PANEL IS PROVIDED AND MOUNTED BY THE ELECTRICAL CONTRACTOR. CONTROL WIRING TERMINATIONS ARE BY THE MECHANICAL CONTRACTOR.
 - THE SMOKE DETECTORS SHALL BE FACTORY INSTALLED AND WIRED BY THE ROOFTOP UNIT MANUFACTURER.
 - A FACTORY INSTALLED SMOKE DETECTOR IN THE RETURN AIR SECTION OF EACH AIR CONDITIONING UNIT SHALL STOP THE INDOOR FAN AND CLOSE THE OUTSIDE AIR DAMPER IN THE EVENT OF EXCESSIVE TEMPERATURE OR SMOKE. SMOKE DETECTOR SHALL BE LOCATED PRIOR TO ANY EXHAUST FROM THE BUILDING OR MIXING WITH FRESH AIR MAKE-UP. UPON DETECTION, THE SYSTEM SHALL NOT RESTART UNTIL THE DEVICE IS MANUALLY RESET. DEVICES SHALL BE LOCATED WHERE THEY CAN BE EASILY ACCESSED AND WHERE CLEAR OF FILTERS.
 - CHICK-FIL-A HAS A NATIONAL ACCOUNT WITH SUNCOAST ENVIRONMENTAL CONTROLS FOR THE SMOKE DETECTOR TEST/RESET ANNUNCIATOR STATIONS. THE TEST/RESET STATIONS WILL BE PURCHASED AND PROVIDED BY THE MECHANICAL CONTRACTOR AS A PART OF A NATIONAL ACCOUNT PACKAGE.

- THE REMOTE TEST/RESET ANNUNCIATORS SHALL BE PROVIDED, INSTALLED AND WIRED BY THE MECHANICAL CONTRACTOR. INSTALLATION BY MECHANICAL SHALL INCLUDE MOUNTING OF THE ANNUNCIATORS AND ALL WIRING FROM EACH DEVICE TO THE RTU. ELECTRICAL WILL PROVIDE A JUNCTION BOX IN THE WALL WITH 1/2" CONDUIT STUBBED UP ABOVE THE CEILING FOR EACH REMOTE TEST STATION AS SHOWN ON THE ELECTRICAL PLANS. ANNUNCIATOR SHALL BE SUNCOAST CONTROLS REMOTE TEST/RESET STATION WITH POWER LED, ALARM LED, 90DB HORN AND TEST/RESET BUTTON.

- WHERE REQUIRED BY LOCAL CODE, INSTALL A FIRESTAT IN THE RETURN AIR DUCT OF EACH PIECE OF AIR CONDITIONING EQUIPMENT HANDLING 2000 CFM OR MORE TO STOP THE INDOOR FAN AND CLOSE THE OUTSIDE AIR DAMPER WHEN HEAT WITHIN THE DUCT IS IN EXCESS OF 135 DEGREES FAHRENHEIT. FIRESTAT SHALL BE EQUIVALENT TO HONEYWELL MODEL #L4029E HIGH LIMIT CONTROLLER. FIRESTATS SHALL BE PROVIDED AND MOUNTED BY THE MECHANICAL CONTRACTOR. INSTALLATION BY MECHANICAL SHALL INCLUDE MOUNTING OF THE DEVICE AND ALL WIRING FROM THE DEVICE TO THE RTU. SHUT-DOWN OF UNIT AND INDOOR FAN SHALL BE IMMEDIATE WITH NO DELAY.

- THE RESTROOM FAN SHALL BE INTERLOCKED TO THE LIGHTS SERVING THE MEN AND WOMEN RESTROOMS. THE HOOD FANS SHALL BE CONTROLLED VIA THE SUNCOAST CFA-500 CONTROL PANEL. WIRING, RELAYS AND SWITCHES FOR CONTROL OF ALL FANS ARE BY ELECTRICAL CONTRACTOR.

- THERMOSTATS ARE PROVIDED AND INTEGRATED INTO THE TEMPERATURE CONTROL PANEL BY SUNCOAST ENVIRONMENTAL CONTROLS. SUNCOAST WILL PROVIDE A JOHNSON CONTROLS REMOTE TEMPERATURE SENSOR MODEL SEN-500-T FOR EACH THERMOSTAT. MECHANICAL CONTRACTOR SHALL INSTALL ALL WIRING BETWEEN THERMOSTAT, SENSOR AND ROOFTOP UNIT.

- EACH THERMOSTAT SHALL BE PROVIDED WITH AN ENGRAVED PLASTIC LABEL 1/2" HIGH WITH WHITE LETTERING ON BLACK FIELD. EACH LABEL SHALL INDICATE A/C UNIT # AND ZONE SERVED, I.E. "ACH2 PLAYGROUND". PROVIDED AND INSTALLED BY MC. DO NOT INSTALL LABELS DIRECTLY ON THERMOSTATS.

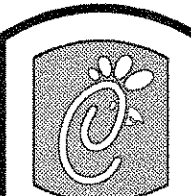
- MECHANICAL CONTRACTOR SHALL INSTALL CONTROL WIRING IN 1/2" CONDUIT WHERE REQUIRED BY CODE. WHERE NOT REQUIRED TO BE IN CONDUIT, ALL WIRING SHALL BE RUN PARALLEL TO STRUCTURAL MEMBERS OR PERPENDICULAR WITH NO DIAGONAL ROUTING. ALL WIRING SHALL BE SECURED TO THE FRAMING TO PREVENT SAGGING IN RUNS. WIRING TO ROOFTOP UNITS SHALL BE ROUTED THROUGH THE FACTORY THRU-BASE FITTING IN THE UNIT BASE. ALL WIRING ABOVE THE ROOF SHALL BE INSTALLED IN EXTERIOR GRADE FLEXIBLE CONDUIT. ALL CONTROL WIRING AND CONTROL WIRING CONDUIT SHALL BE FURNISHED AND INSTALLED BY THE MECHANICAL CONTRACTOR. WIRING SHALL BE INSTALLED IN ACCORDANCE WITH LATEST EDITION OF NEC.

8. SEQUENCE OF OPERATION

- WHEN STORE IS OPEN, THE EXHAUST FANS AND ROOFTOP UNITS SHALL OPERATE THRU CONTROL OF THE SWITCHES AND SENSORS SHOWN ON THE MECHANICAL AND ELECTRICAL PLANS. THE ROOFTOP UNIT INDOOR FANS SHALL RUN CONTINUOUSLY AND THE OUTSIDE AIR DAMPERS SHALL REMAIN OPEN.
- WHEN THE STORE IS CLOSED, THE EXHAUST FANS SHALL BE SWITCHED OFF AND THE THERMOSTATS SHALL BEGIN NIGHT SET-BACK MODE. OUTSIDE AIR DAMPERS AT THE ROOFTOP UNITS SHALL REMAIN CLOSED AT ALL AT ALL TIMES DURING NIGHT SET-BACK MODE.
- HOOD EXHAUST FANS SHALL NOT BE CAPABLE OF OPERATION UNLESS SUNCOAST CFA-500 CONTROL PANEL STORE SWITCH HAS BEEN PUT INTO THE 'STORE OPEN' POSITION.
- ACTION OF ANSUL SYSTEM SHALL STOP ALL ROOFTOP UNITS, CLOSE THE O.A. DAMPERS AND MAINTAIN OPERATION OF THE GREASE HOOD EXHAUST FANS.
- RESTROOM EXHAUST FAN SHALL ENERGIZE UPON OPERATION OF LIGHTS IN RESTROOMS.

PART III EXECUTION

- FURNISH AND INSTALL SYSTEM IN ACCORDANCE WITH REFERENCED STANDARDS, APPLICABLE CODES, MANUFACTURER'S RECOMMENDATIONS AND AS INDICATED ON DRAWINGS.
- OWNER SHALL TEST AND BALANCE MECHANICAL SYSTEM IN ACCORDANCE WITH NEI OR AABC STANDARDS TO ASSURE CONFORMANCE WITH DESIGN. G.C. WILL MAKE MECHANICAL CONTRACTOR AVAILABLE DURING TEST AND BALANCE TO ASSIST TESTING AGENCY AND TO MAKE CORRECTIONS IMMEDIATELY NECESSARY. CONTRACTOR SHALL CORRECT ITEMS ON WRITTEN TEST AND BALANCE REPORT.
- CONTRACTOR SHALL INSTRUCT THE OWNER'S REPRESENTATIVE IN ALL MATTERS PERTAINING TO THE PROPER MAINTENANCE OF EQUIPMENT FURNISHED UNDER THIS CONTRACT THROUGH DEMONSTRATION AND EXPLANATION OF OPERATING & MAINTENANCE MANUALS.
- CONTRACTOR SHALL PROVIDE A "SAMPLE MAINTENANCE PROPOSAL" TO THE OWNER'S REPRESENTATIVE IN ALL MATTERS PERTAINING TO THE PROPER MAINTENANCE OF EQUIPMENT FURNISHED UNDER THIS CONTRACT.



Chick-fil-A

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark	Date	By
△	9/11/04	rea
COORD. REVISIONS		

Mark	Date	By
△		

Mark	Date	By
△		

Seal

AA 004320
CA 8460
0388E ROAD, FIRST FLOOR
CHICAGO, ILLINOIS 60619
PH: 407-648-9118
FX: 407-629-9124

INTERPLAN 31
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES
FSU 03-A

DOLPHIN VILLAGE
4823 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
MECHANICAL
SPECIFICATIONS

DWG EDITION 03.8

Job No. 2004.0255

Store 1740

Date 8/30/04

Drawn By

Checked By

Sheet

M-4.0

3/4" NON-FREEZE POST HYDRANT, P-31, LOCATED IN CORNER OF DUMPSTER PAD. SET BASE OF HYDRANT BARREL IN ONE CUBIC FOOT OF PEA GRAVEL. WRAP BASE OF HYDRANT WITH SILT FENCE FABRIC TO PREVENT DRAIN HOLE FROM BEING OBSTRUCTED.

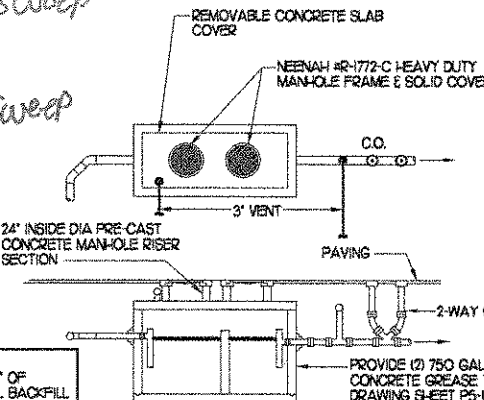
REFER TO CIVIL PLANS FOR METHOD OF DRAINAGE AT REFUSE PAD. SEE PLUMBING SPECIFICATIONS, FIXTURE P-32 FOR MAKE AND MODEL OF FLOOR DRAIN WHEN DRAIN IS SHOWN ON CIVIL PLANS.

3/4" CW TO DUMPSTER POST HYDRANT. SEE MECHANICAL ROOM FOR CONTINUATION.

3 REFUSE PAD PLUMBING PLAN

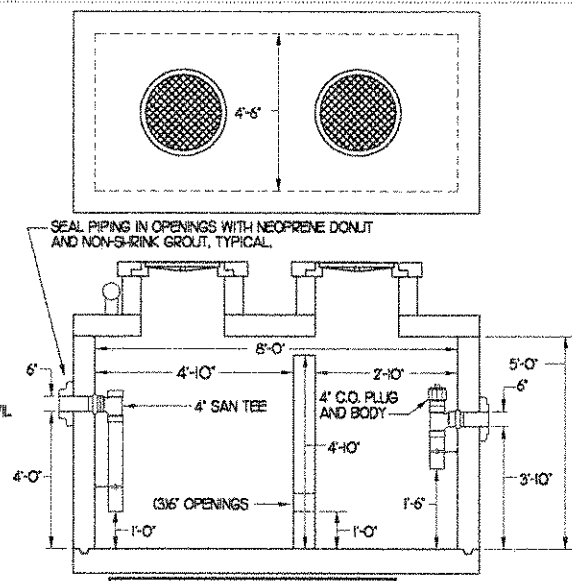
1/4" = 1'-0"

-3/4" fall w/36" φ sweep
-1/2" fall w/36" φ sweep
= Flat no slope
Cruc. all flood clean-outs + flood clean-outs



NOTE: SET ON 0'-4" OF STRUCTURAL BACKFILL.

TRAP CAPACITY SUBJECT TO APPROVAL BY STATE OR LOCAL AUTHORITY. CONSTRUCTION MUST BE MONOLITHIC, INCLUDING THE BAFFLE. TRAP MUST MEET H-20 TRAFFIC LOADING REQUIREMENTS.

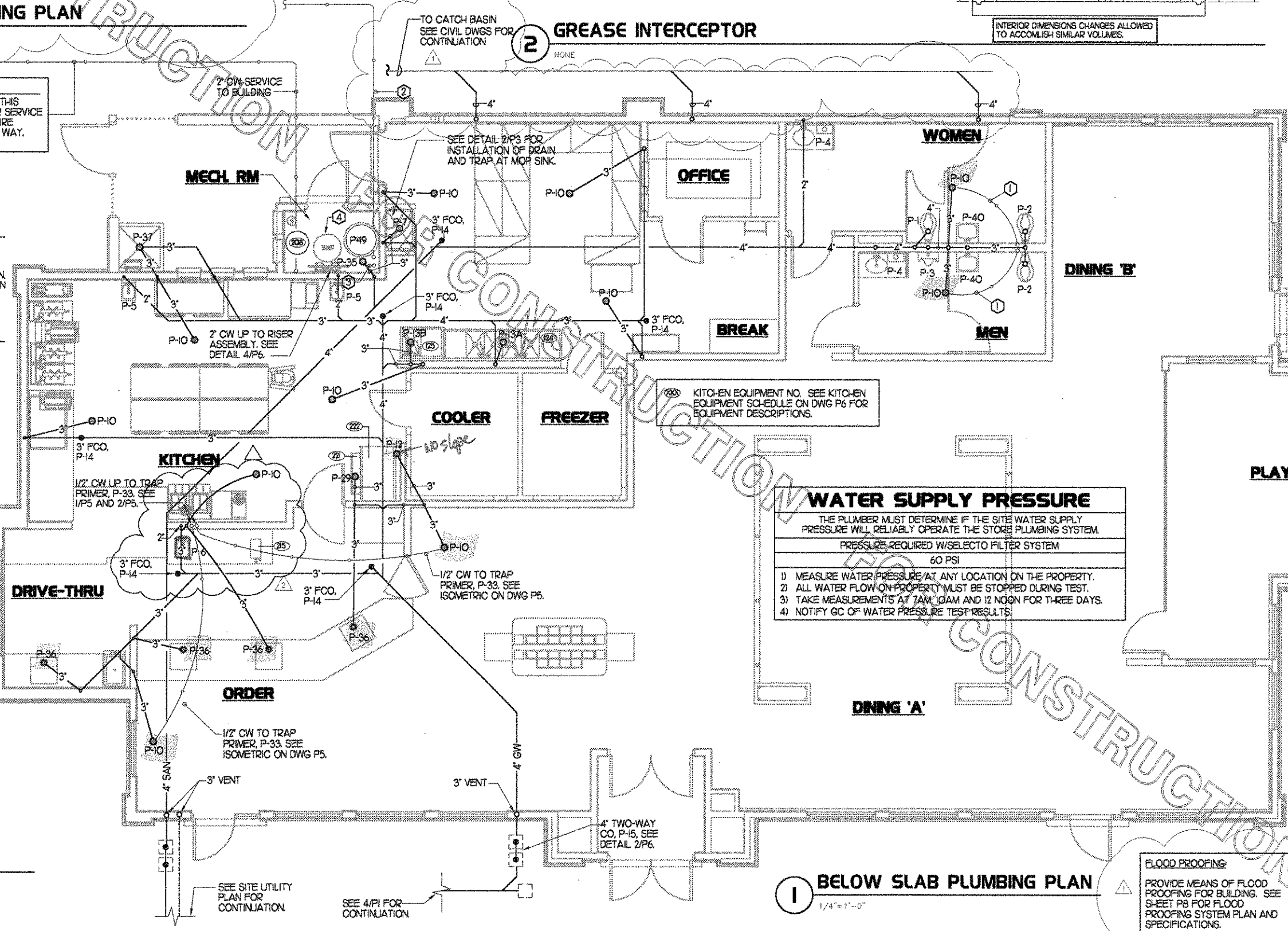


INTERIOR DIMENSIONS CHANGES ALLOWED TO ACCOMPLISH SIMILAR VOLUMES.

2 GREASE INTERCEPTOR

NONE

MAIN WATER SERVICE TO BUILDING
 REFER TO SITE UTILITY PLAN UNDER SEPARATE DIVISION OF THIS CONTRACT FOR CONTINUATION. MATERIAL USED FOR WATER SERVICE OUTSIDE BUILDING SHALL BE TYPE K. THIS INCLUDES THE ENTIRE LENGTH OF RUN TO THE POINT OF CONNECTION IN RIGHT OF WAY. THIS MUST BE COORDINATED WITH THE SITE CONTRACTOR.

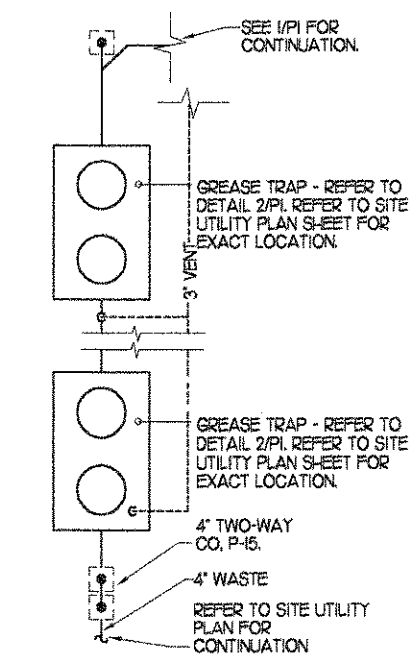


SHEET NOTES

- COORDINATE INSTALLATION OF SANITARY PIPING WITH FOOTINGS IN THE FIELD.
- WHERE REQUIRED BY LOCAL AUTHORITY HAVING JURISDICTION, PROVIDE SAFE-WASTE SYSTEM AS OUTLINED IN CODE AMENDMENTS.

KEY NOTES

- ROUTE 1/2" CW TO TRAP PRIMER. SEE WASTE RISER DIAGRAM ON DWG P5.
- ROUTE 3/4" CW TO DUMPSTER PAD POST HYDRANT. SEE DETAIL 4/P6.
- ROUTE 1/2" CW TO TRAP PRIMER. SEE WATER RISER DIAGRAM ON DWG P5.
- SUMP PUMP PIT - SEE PLAN SHEET P8.



4 GREASE TRAP PART PLAN

1/4" = 1'-0"

WATER SUPPLY PRESSURE

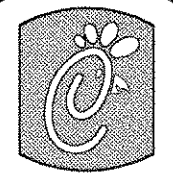
THE PLUMBER MUST DETERMINE IF THE SITE WATER SUPPLY PRESSURE WILL RELIABLY OPERATE THE STORE PLUMBING SYSTEM.
 PRESSURE REQUIRED W/SELECTO FILTER SYSTEM
 60 PSI

- MEASURE WATER PRESSURE AT ANY LOCATION ON THE PROPERTY.
- ALL WATER FLOW ON PROPERTY MUST BE STOPPED DURING TEST.
- TAKE MEASUREMENTS AT 7AM, 10AM AND 12 NOON FOR THREE DAYS.
- NOTIFY GC OF WATER PRESSURE TEST RESULTS.

1 BELOW SLAB PLUMBING PLAN

1/4" = 1'-0"

FLOOD PROOFING:
 PROVIDE MEANS OF FLOOD PROOFING FOR BUILDING. SEE SHEET P8 FOR FLOOD PROOFING SYSTEM PLAN AND SPECIFICATIONS.



Chick-fil-A

5200 Buffington Rd.
 Atlanta Georgia,
 30349-2998

Revisions:
 Mark Date By
 1 9/17/04 ree
 2 9/24/04 TDG
 DSCR COMMENTS

Mark Date By
 1 9/24/04 TDG
 DSCR COMMENTS

Mark Date By
 1

Seal

AA 004320
 CA 8640
 933 LEE ROAD, FIRST FLOOR
 ORLANDO, FLORIDA 32810
 PH 407/529-9124
 FX 407/529-9124

INTERPLAN
 ARCHITECTURE
 ENGINEERING
 INTERIOR DESIGN
 PROJECT MANAGEMENT

STORE
 SERIES
 FSU 03-A

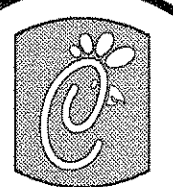
DOLPHIN VILLAGE
 4623 GULF BLVD.
 ST. PETE BEACH, FL

SHEET TITLE
 BELOW SLAB
 PLUMBING PLAN

DWG EDITION 03.8

Job No. : 2004.0255
 Store : 1740
 Date : 8/30/04
 Drawn By :
 Checked By :
 Sheet

P-1.0



Chick-fil-e

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark Date By
3/17/04
COORD. REVISIONS

Mark Date By
3/24/04 TDG
DEPR COMMENTS

Mark Date By

Seal

AA 004320
CA 8660
083 LEE ROAD, FIRST FLOOR
CHICAGO, FLORIDA 32810
PH 407 645 5108
FX 407 629 9124

INTERPLAN
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES
FSU 03-A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
ABOVE SLAB
PLUMBING PLAN

DWG EDITION 03.8

Job No. : 2004.0255

Store : 1740

Date : 8/30/04

Drawn By : _____

Checked By : _____

Sheet

P-2.0

BEVERAGE CONDUIT NOTES

- ROUTE BEVERAGE SYSTEM PIPING OVER-HEAD FROM BULK CO2 TANK TO THE BEVERAGE RACK WITH 2" SCH 40 PVC CONDUIT AND FROM THE BEVERAGE RACK TO DRINK TOWERS IN TWO (2)-4" SCH 40 PVC CONDUITS. ALL CONDUIT SHALL BE HELD TIGHT TO STRUCTURE AND SUPPORTED WITH THREADED ROD AND CLEVIS HANGERS AT INTERVALS SHOWN IN SPECIFICATIONS FOR HORIZONTAL OVER-HEAD PIPING. COORDINATE ROUTING WITH THE GENERAL CONTRACTOR TO AVOID MECHANICAL AND ELECTRICAL SYSTEMS.
- TWO SEPARATE RUNS OF 4" CONDUIT MUST BE INSTALLED DUE TO LOCATION OF MAIN SUPPLY DUCT RUN FOR KITCHEN A/C. SEE DWG MI.
- TURN THE 4" CONDUIT DOWN THROUGH THE CEILING AT THE BEVERAGE RACK AND PROVIDE CHROME ESCUTCHEONS AT PENETRATIONS. TERMINATE OPPOSITE END ABOVE CEILING OVER SERVING AREA WHERE SHOWN ON PLANS.
- TURN THE 2" BULK CO2 CONDUIT DOWN THRU CEILING AT THE CO2 TANK AND PROVIDE CHROME ESCUTCHEON AT PENETRATION. TERMINATE OPPOSITE END ABOVE CEILING OVER BEVERAGE RACK.
- PROVIDE A 4" PVC SCH 40 CONDUIT DOWN IN WALL BEHIND DRIVE-THRU DRINK TOWER EXTENDING FROM ABOVE CEILING DOWN INTO CABINETS BEHIND DRINK TOWER.
- PROVIDE THREE (3)-4" PVC SCH 40 CONDUITS DOWN IN WALL ADJACENT TO ICE CREAM MACHINE EXTENDING FROM ABOVE CEILING DOWN INTO CABINETS FOR MAIN SERVING AREA DRINK TOWERS WITH 1/8" STREET BEND FITTINGS. CUT FITTINGS FLUSH WITH FINISHED WALL.

SHEET NOTES

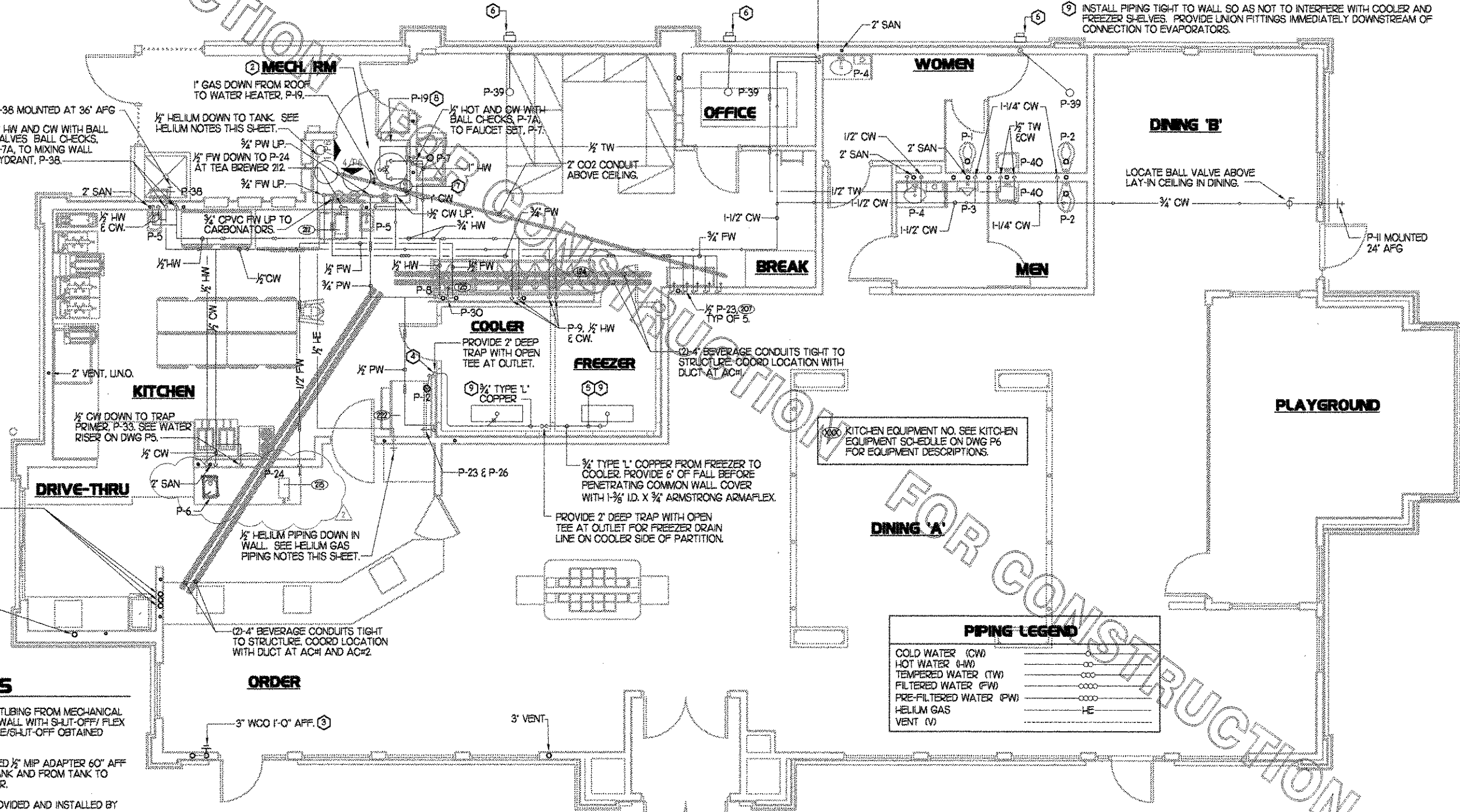
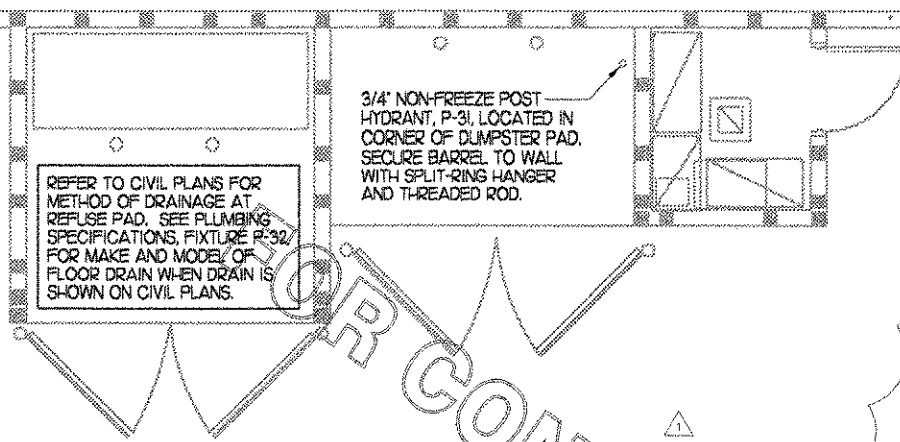
- RUN ALL PIPING OVER-HEAD ABOVE THE CEILING IN CLEAR VIEW. DO NOT DISTRIBUTE PIPING WITH-IN WALLS. MAKE INDIVIDUAL DROPS FROM ABOVE CEILING TO EACH FIXTURE UNLESS SHOWN OTHERWISE.
- COORDINATE VENT TERMINAL LOCATIONS WITH FRESH AIR HOODS ON ROOFTOP EQUIPMENT SO AS TO MAINTAIN MINIMUM CLEARANCE REQUIRED BY CODE.
- HOLD ALL PIPING ABOVE THE CEILING TIGHT TO STRUCTURE. DUCT LOCATIONS TAKE PRIORITY. SEE DRAWING MI FOR DUCT LAYOUT. COORDINATE CONFLICTS WITH GC.
- PLUMBING ROUGH-IN DIMENSIONS LOCATED ON SHEET K-4.0

KEY NOTES

- WALL CLEANOUTS SHALL BE EQUIVALENT TO CHARLOTTE PIPE PART NO. 445-X WITH C.O. PLUG AND J.R. SMITH 4760-12X12 ACCESS DOOR. INSTALL AT 3'-0" AFF TO CENTER OF PLUG, UNO.
- COORDINATE PIPING LOCATIONS SO AS NOT TO INTERFERE WITH WATER HEATER COMBUSTION AIR PIPING SHOWN ON DWG MI.
- ROUTE TWO 3" MAIN VENTS UP THRU ROOF. COMBINE GREASE TRAP VENT WITH 3" WASTE VENT IN WALL. INSTALL WCO IN GREASE TRAP VENT RISER 1'-0" AFF.
- TURN 3/4" CONDENSATE PIPING OUT OF COOLER AND DOWN INTO FUNNEL AT FLOOR DRAIN. SECURE PIPING TO COOLER WALL WITH RUBBER INSULATED PIPE CLAMPS TO PREVENT GALVANIC CORROSION. SEAL ALL PENETRATIONS IN WALLS WITH PERMAGLUM CORD. PROVIDE TRAP IN CONDENSATE DRAIN OUTSIDE COOLERS.
- APPLY RAYCHEM XL-TRACE, MODEL 5XL-1, SELF REGULATING HEATING CABLE. USE END SEAL KIT FROM MFR.
- ROOF DRAINS TO CONNECT TO STORM WATER PIPE AND INTO CATCH BASIN. FOR CONTINUATION SEE CIVIL DRAWING. ROUTE 4" ROOF DRAIN CONDUCTOR ABOVE CEILING AND DOWN IN WALL. MAKE FLUSH WITH WALL AND TURN OUT ONTO GRADE WITH J.R. SMITH DOWNSPOT SCUPPER, MODEL 1770, CAST BRONZE BODY. COORDINATE WITH GC ON TERMINATION LOCATION.
- 1/2" CW TRAP PRIMER TUBING DOWN SERVING P-35 AND 3/4" CW DOWN TO POST HYDRANT AT DUMPSTER. SEE DETAIL 4/P6. SEE I/P1 FOR LOCATION OF P-35.
- POSITION VALVES AND TRIM IN WATER HEATER CLOSET SUCH THAT VISIBLE OBSERVATION OF VALVES AND TRIM IS UNOBSTRUCTED AND SUCH THAT ACCESS FOR OPERATION OR REPAIR IS POSSIBLE WITHOUT USE OF STEP LADDERS OR ANY NEED TO DISASSEMBLE ANY COMPONENTS.
- INSTALL PIPING TIGHT TO WALL SO AS NOT TO INTERFERE WITH COOLER AND FREEZER SHELVES. PROVIDE UNION FITTINGS IMMEDIATELY DOWNSTREAM OF CONNECTION TO EVAPORATORS.

2 REFUSE PAD PLUMBING PLAN

1/4"=1'-0"

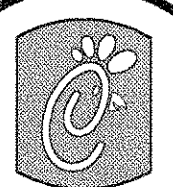


HELIUM GAS PIPING NOTES

- HELIUM GAS, HE PIPING. ROUTE 1/2" TYPE 1' COPPER TUBING FROM MECHANICAL ROOM TO FRONT SERVING COUNTER. TERMINATE ON WALL WITH SHUT-OFF/FLEX BALLON NOZZLE AND ESCUTCHEON 48" AFF. NOZZLE/SHUT-OFF OBTAINED THROUGH LOCAL COMPRESSED GAS VENDOR.
- TERMINATE PIPING IN MECHANICAL ROOM WITH CAPPED 1/2" MIP ADAPTER 60" AFF NEAR TANK LOCATION. PIPING FROM ADAPTER TO TANK AND FROM TANK TO REMOTE FILL PORT BY LOCAL COMPRESS GAS VENDOR.
- TANK AND REMOTE FILL PORT AT EXTERIOR WALL PROVIDED AND INSTALLED BY LOCAL COMPRESSED GAS VENDOR.
- PROVIDE PIPE LABELS AT A MINIMUM OF 15'-0" INTERVALS STATING 'HELIUM' AND LISTING THE WORKING PRESSURE. VERIFY WORKING PRESSURE WITH HELIUM GAS PROVIDER. MARKERS SHALL BE SETON 21948 OR EQUAL.

1 ABOVE SLAB PLUMBING PLAN

1/4"=1'-0"



Chick-fil-A

5200 Buffington Rd.,
Atlanta, Georgia,
30349-2998

Revisions:

Mark Date By
1 8/17/04 res
COORD. REVISIONS

Mark Date By

Mark Date By

Seal

AA 004020
CA 8460
933 LEE ROAD, FIRST FLOOR
ORLANDO, FL 32819
PH 407 445-9118
FX 407 679-9124

INTERPLAN
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES
FSU 03-A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
SLAB ROUGH-
IN PLAN

DWG EDITION 03.8

Job No. : 2004.0255

Store : 1740

Date : 8/30/04

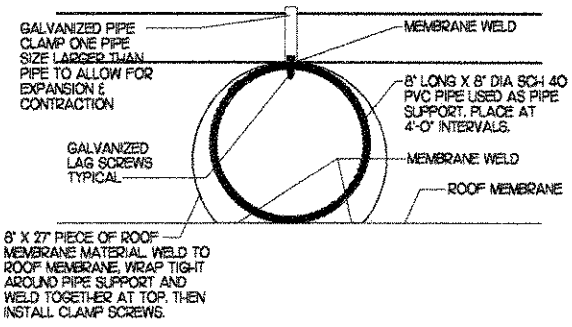
Drawn By : _____

Checked By : _____

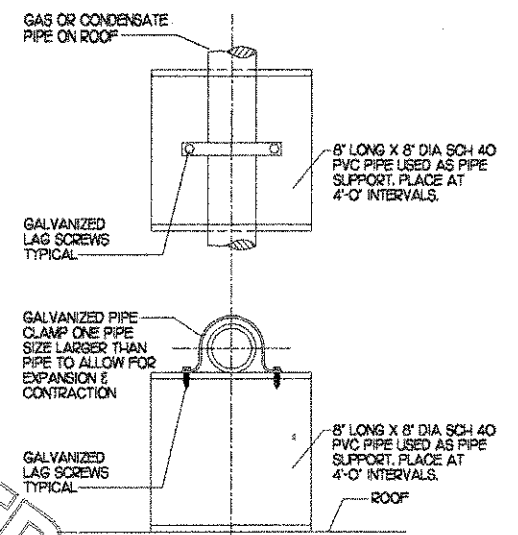
Sheet

P-4.0

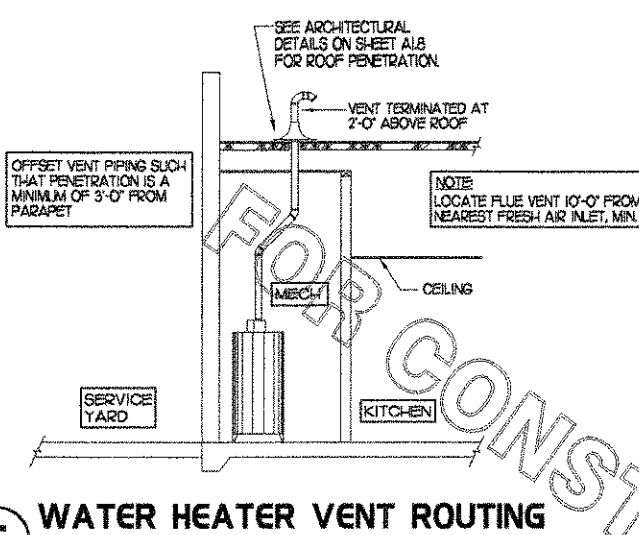
GAS CONNECTION SCHEDULE	
EQUIPMENT	GAS LOAD
ACH1	235,000 BTUS
ACH2	235,000 BTUS
ACH3	235,000 BTUS
ACH4	125,000 BTUS
WATER HEATER	75,000 BTUS
EMERGENCY GENERATOR	160,000 BTUS
TOTAL CONNECTED LOAD	1065,000 BTUS
REMARKS:	1) EQUIVALENT TO 1065 CFH 2) 7" W.C. DELIVERY PRESSURE 3) TOTAL DEV. LENGTH = +/- 180'



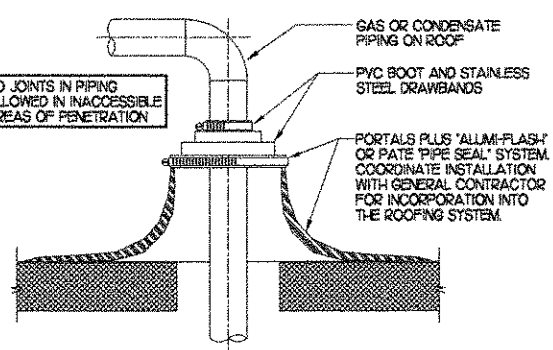
7 PIPE ON ROOF SUPPORT
NO SCALE



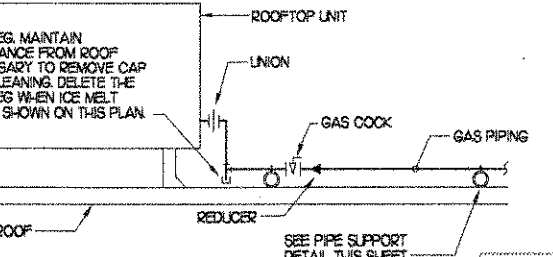
6 PIPE ON ROOF SUPPORT
NO SCALE



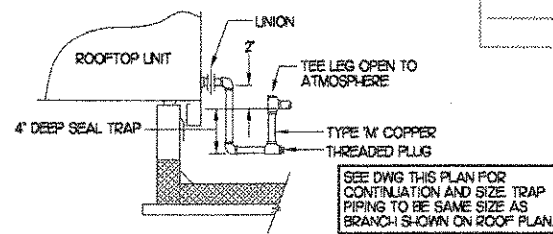
5 WATER HEATER VENT ROUTING
NO SCALE



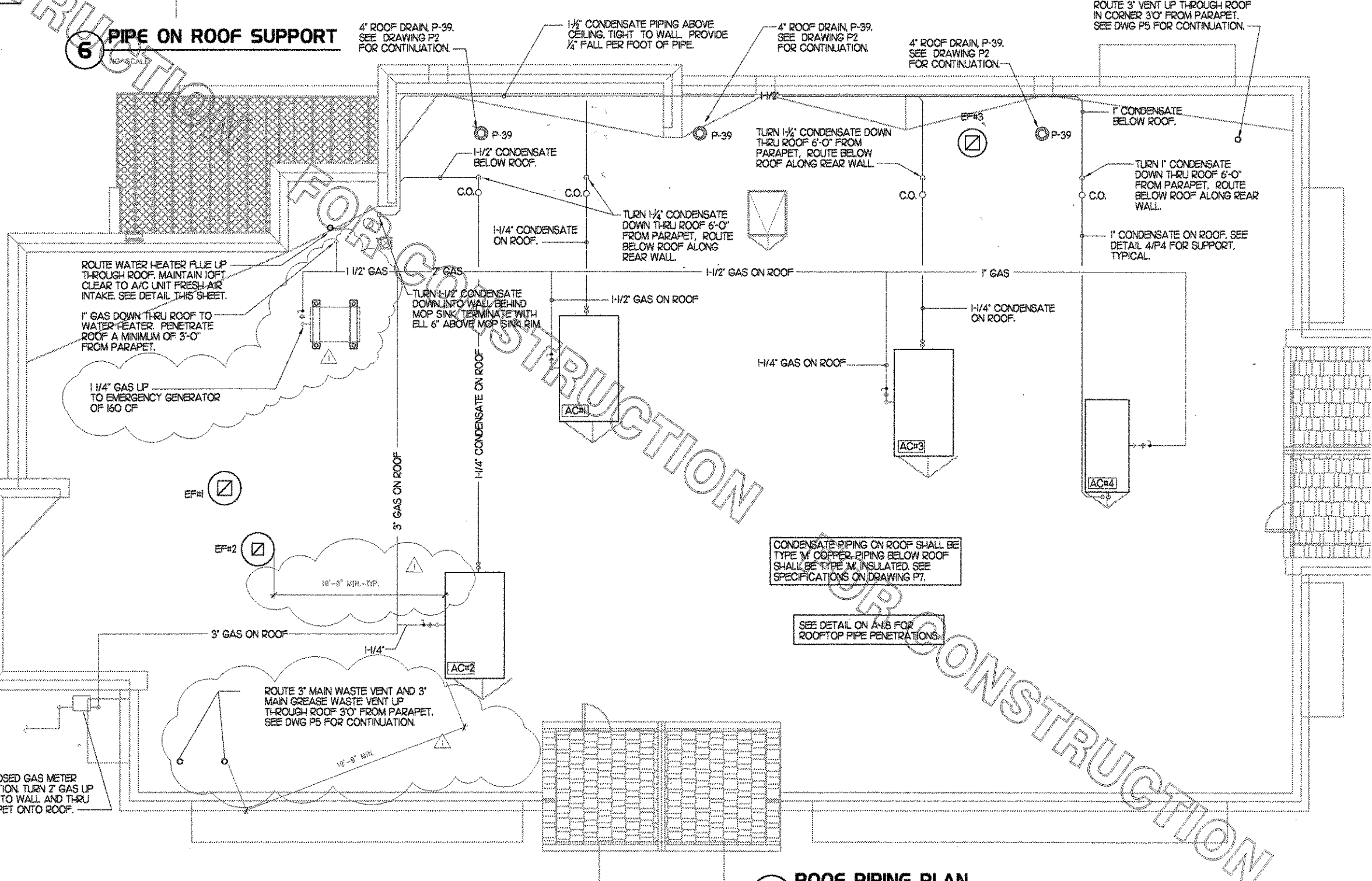
4 PIPE PENETRATION IN ROOF
NO SCALE



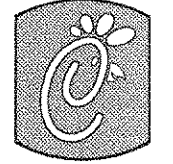
3 GAS PIPING AT RTU
NO SCALE



2 CONDENSATE DRAIN PIPING
NO SCALE



1 ROOF PIPING PLAN
1/4" = 1'-0"



Chick-fil-e

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:
Mark Date By
9/17/04 res
COORD REVISIONS

Mark Date By
9/24/04 TCG
DBFR COMMENTS

Mark Date By

Seal

AA 004320
CA 8660
933 LEE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32810
PH 407 646 6208
FX 407 629 9124

INTERPLAN
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES
FSU 03-A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
PLUMBING ISO
PLAN

DWG EDITION 03.8

Job No. : 2004.0255

Store : 1740

Date : 8/30/04

Drawn By : _____

Checked By : _____

Sheet

P-5.0

PIPING LEGEND	
COLD WATER (CW)	—●—
HOT WATER (HW)	—●●—
TEMPERED WATER (TW)	—●●●—
FILTERED WATER (FW)	—●●●●—
PRE-FILTERED WATER (PW)	—●●●●●—
VENT	—●—
SANITARY	—W—

COORDINATE VENT TERMINAL LOCATION WITH FRESH AIR HOODS ON ROOFTOP EQUIPMENT SO AS TO MAINTAIN MINIMUM 10' CLEARANCE.

ROUTE 3" VENT TO FAR REAR CORNER OF BUILDING AND TURN UP THROUGH ROOF. SEE DWG P4 FOR LOCATION OF ROOF PENETRATION.

4" 2-WAY CO, P-15
4" WASTE, SEE SITE UTILITY PLAN PS-1 FOR CONTINUATION
4" GREASE WASTE, SEE SITE UTILITY PLAN PS-1 FOR CONTINUATION TO GREASE INTERCEPTORS.

1/2" TRAP PRIMER CONNECTION FROM P-33, SEE DETAIL 4/P6

1/2" HOT AND CW

P-7A BALL CHECKS INSTALLED ABOVE CEILING.

1/2" FW DOWN TO TEA BREWER WITH P-24 & P-34.

3/4" CRVC FW UP TO CARBONATORS.

TEMPERING VALVE, P-20.

2" CW SERVICE TO BUILDING. SEE DWG P-1 FOR CONTINUATION - ROUTE PIPING UNDER SLAB IN BUILDING TO AVOID SUMP PUMP PIT.

P-7A BALL CHECKS INSTALLED ABOVE CEILING.

WATER HEATER, P-19, SEE DETAIL 1/P6.

3/4" DROP WITH BALL VALVE TO POST HYDRANT AND 1/2" CW DROP WITH TRAP PRIMER P-33, TO FLOOR DRAIN P-35. SEE 4/P6.

WATER SERVICE RISER IN MECH RM. SEE DETAIL 4/P6.

2" CW SERVICE BELOW SLAB.

1/2" CW TO TRAP PRIMER, P-33, WITH DISTRIBUTION UNIT IN WALL. PROVIDE ACCESS THRU BACK OF COUNTER. COORDINATE CUTTING OF BACKSIDE OF COUNTER WITH GC. SEE K-41 FOR LOCATION.

ROUTE 1/2" TO FLOOR DRAINS IN DINING AREA. SEE DWG P-1 FOR CONTINUATION.

1/2" PW TO ICE MACHINE WITH P-23 & P-26.

KITCHEN EQUIPMENT NO. SEE KITCHEN EQUIPMENT SCHEDULE ON DWG P6 FOR EQUIPMENT DESCRIPTIONS.

1/2" FW WITH P-23 STOP FOR NON CARBONATED BEVERAGE.

1/2" FW TO EACH CARBONATOR WITH P-23 STOP.

1/2" CW FROM TRAP PRIMER, P-16, AT FLUSH VALVE TO FLOOR DRAIN.

P-16 primers e ref Admins

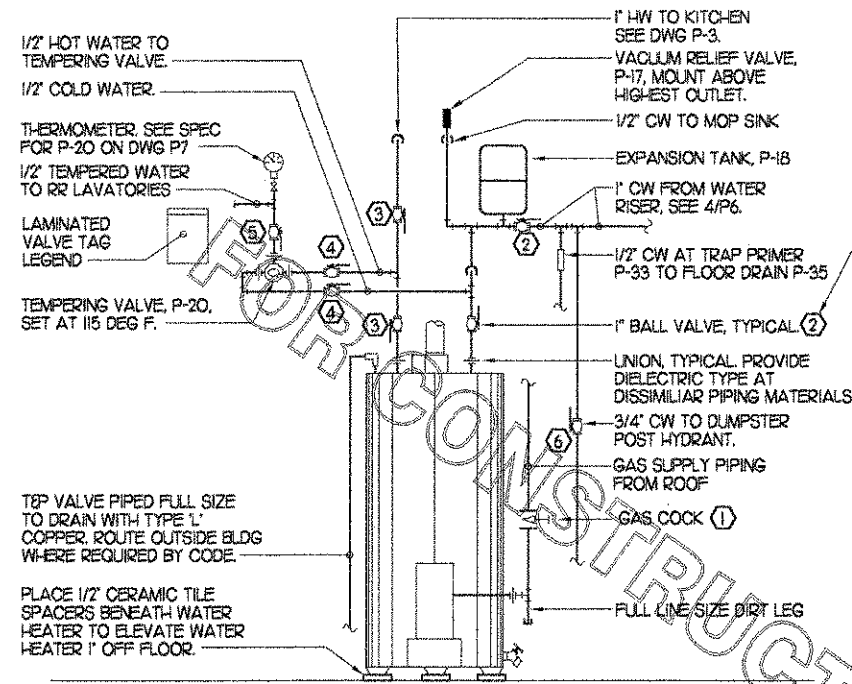
1 WASTE RISER DIAGRAM

NO SCALE

*back of counter
pre-cut
surface mount
primer inside cabinet*

2 WATER RISER DIAGRAM

NO SCALE



NOTES:
① COORDINATE PIPING WITH MECHANICAL CONTRACTOR DUE TO VENT AND COMBUSTION AIR PIPING IN CLOSET.
② SEE DETAIL 5/P4 FOR FLUE PIPING.

NOTE TO WATER HEATER INSTALLER:

POSITION VALVES AND TRIM IN WATER HEATER CLOSET SUCH THAT VISIBLE OBSERVATION OF VALVES AND TRIM IS UNOBSTRUCTED AND SO THAT ACCESS FOR OPERATION OR REPAIR IS POSSIBLE WITHOUT USE OF STEP LADDERS OR ANY NEED TO DISASSEMBLE ANY COMPONENTS.

SEE VALVE TAG LEGEND FOR DESCRIPTION TYPICAL. PROVIDE 1/2" ROUND BRASS TAG WITH 1/2" HIGH BLACK FILLED LETTERING. EACH TAG SHALL INDICATE VALVE NUMBER AND WILL ALSO HAVE 'PLBG' STAMPED ON THE TAG IN 1/4" HIGH BLACK FILLED LETTERING EQUAL TO SEXTON #M4506. HANG WITH BRASS JACK CHAIN.

LAMINATE THE VALVE TAG LEGEND AND MOUNT PERMANENTLY WHERE SHOWN ON WATER HEATER DETAIL IN AN ALUMINUM FRAME EQUAL TO SETON #37386.

WATER HEATER VALVE TAG LEGEND

NOTE: VALVE IS OPEN WHEN HANDLE IS IN-LINE WITH PIPING.

- ① GAS SHUTOFF, NORMALLY OPEN.
- ② COLD WATER SUPPLY TO WATER HEATER SHUTOFF, NORMALLY OPEN.
- ③ HOT WATER SUPPLY TO BUILDING SHUTOFF, NORMALLY OPEN.
- ④ TEMPERING DEVICE ISOLATION VALVE, NORMALLY OPEN.
- ⑤ TEMPERED WATER SHUTOFF, NORMALLY OPEN.
- ⑥ DUMPSTER PAD POST HYDRANT SHUTOFF, NORMALLY OPEN.

KITCHEN EQUIPMENT SCHEDULE

TAG	DESCRIPTION	P.W.	F.W.	C.W.	H.W.	WASTE	ROUGH-IN
124	POT SINK	X	X	2 1/2"	2 1/2"	INDIRECT	P-9 12" AFF
125	VEGETABLE PREP SINK	1/2"	1/2"	X	1/2"	INDIRECT	P-8 & P-30 12" AFF
207	CARBONATOR	X	1/2"	X	X	X	P-23 107" AFF
208	BULK CO2 TANK	X	X	X	X	X	X
212	TEA BREWER	X	3/8"	X	X	X	P-24 48" AFF
215	COFFEE MAKER	X	3/8"	X	X	X	P-24 55" AFF
221	ICE BIN	X	X	X	X	INDIRECT	X
222	ICE MAKER	1/2"	X	X	X	INDIRECT	P-23 80" AFF
223	SELECTO WATER FILTERS	3/4"	3/4"	3/4"	X	X	SEE DET 4/P6
650	MOP SINK	X	X	1/2"	1/2"	INDIRECT	36" AFF

WATER FILTER BYPASS LEGEND

NOTE: VALVE IS OPEN WHEN HANDLE IS IN-LINE WITH PIPING.

FOR NORMAL OPERATION
VALVES ⑥, ⑧, ⑩ CLOSED. ALL OTHER VALVES OPEN.

TO BYPASS FILTER SYSTEM
CLOSE VALVES ①, ④, ⑦. OPEN VALVES ⑥, ⑩.

TO RETURN TO NORMAL OPERATION
CLOSE VALVE ⑩. OPEN VALVE ①, ④, ⑦.

IMPORTANT: DRAIN VALVE ⑧ TO REMAIN CLOSED AT ALL TIMES UNLESS MAIN WATER SHUT-OFF ② IS CLOSED.

LAMINATE VALVE BYPASS LEGEND AND RIGIDLY ATTACH WHERE SHOWN ON RISER DETAIL IN AN ALUMINUM FRAME EQUAL TO SETON #37386.

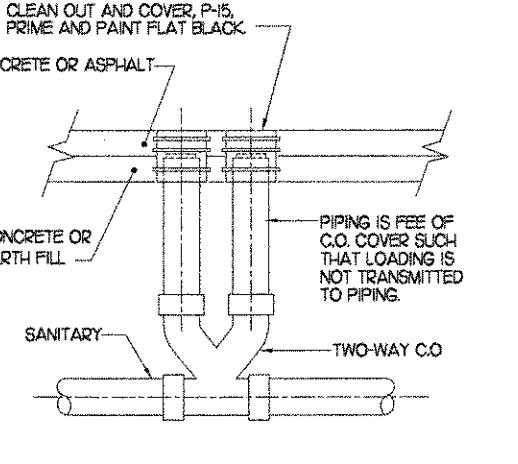
FIXTURE CONNECTION SCHEDULE

MARK	FIXTURE	F.W.	C.W.	H.W.	WASTE
P-1	WATER CLOSET - FLOOR MTD	X	1"	X	4"
P-2	WATER CLOSET - ADA FLOOR MTD	X	1"	X	4"
P-3	URINAL - ADA WALL HUNG	X	3/4"	X	2"
P-4	LAVATORY - ADA COUNTER TOP	X	1/2"	1/2"	1-1/4"
P-5	KITCHEN HAND SINK - WALL HUNG	X	1/2"	1/2"	1-1/2"
P-6	SINGLE COMP SINK - COUNTER TOP	X	1/2"	1/2"	1-1/2"
P-7	MOP SINK	X	1/2"	1/2"	3"
P-7A	MOP SINK CHECK VALVES	X	1/2"	1/2"	X
P-8	VEGETABLE PREP SINK	X	1/2"	1/2"	1-1/2"
P-9	POT SINK	X	1/2"	1/2"	1-1/2"
P-10	FLOOR DRAIN	X	X	X	3"
P-11	WALL HYDRANT (NON FREEZE)	X	3/4"	X	X
P-12	FLOOR SINK (3")	X	X	X	3"
P-13A	FLOOR SINK (3") 12" TOP	X	X	X	3"
P-13B	FLOOR SINK (3") 8" TOP	X	X	X	3"
P-14	CLEANOUT INSIDE BUILDING	X	X	X	SEE PLAN
P-15	CLEANOUT OUTSIDE BUILDING	X	X	X	SEE PLAN
P-16	TRAP PRIMER AT FLUSH VALVE	X	1/2"	X	X
P-17	VACUUM RELIEF VALVE	X	3/4"	X	X
P-18	EXPANSION TANK	X	3/4"	X	X
P-19	WATER HEATER	X	1"	1"	X
P-20	TEMPERING VALVE	X	1"	1"	X
P-21	BACKFLOW PREVENTER (BFP)	X	1-1/2"	X	X
P-22	PRESSURE REDUCING VALVE	X	1-1/2"	X	X
P-23	UTILITY CONNECTION	1/2"	X	X	X
P-24	UTILITY CONNECTION	3/8"	X	X	X
P-25	SHOCK ABSORBER	X	X	X	X
P-26	ICE MACHINE BACKFLOW PREVENTER	1/2"	X	X	X
P-27	WATER PRESSURE GAUGE	X	1/4"	X	X
P-28	CARBONATOR BACKFLOW PREVENTER	3/4"	3/4"	X	X
P-29	ICE MACHINE FLOOR SINK	X	X	X	3"
P-30	FILTERED WATER SPIGOT	1/2"	X	X	X
P-31	DUMPSTER POST HYDRANT	X	3/4"	X	X
P-32	DUMPSTER DRAIN	X	X	X	3"
P-33	TRAP PRIMER (MECHANICAL TYPE)	X	1/2"	X	X
P-34	DISPENSER BACKFLOW PREVENTER	3/8"	X	X	X
P-35	INDIRECT WASTE RECEIVER	X	X	X	3"
P-36	BEVERAGE TOWER INDIRECT RECEIVER	X	X	X	3"
P-37	CAN WASH DRAIN	X	X	X	3"
P-38	MIXING WALL HYDRANT	X	3/4"	3/4"	X
P-39	PRIMARY ROOF DRAIN	X	X	X	X
P-40	LAVATORY - ADA WALL HUNG	X	1/2"	1/2"	1-1/4"

NOTE: REFER TO FOOD SERVICE DRAWINGS FOR KITCHEN EQUIPMENT INSTALLATION AND HOOK-UP RESPONSIBILITIES.

1 PIPING AT WATER HEATER

NO SCALE



LAMINATE THE VALVE TAG LEGEND AND RIGIDLY ATTACH TO CARBON FILTER MOUNTING BRACKET WHERE SHOWN ON RISER DETAIL IN AN ALUMINUM FRAME EQUAL TO SETON #37386. PROVIDE 1/2" ROUND BRASS TAGS WITH 1/2" HIGH BLACK FILLED LETTERING.

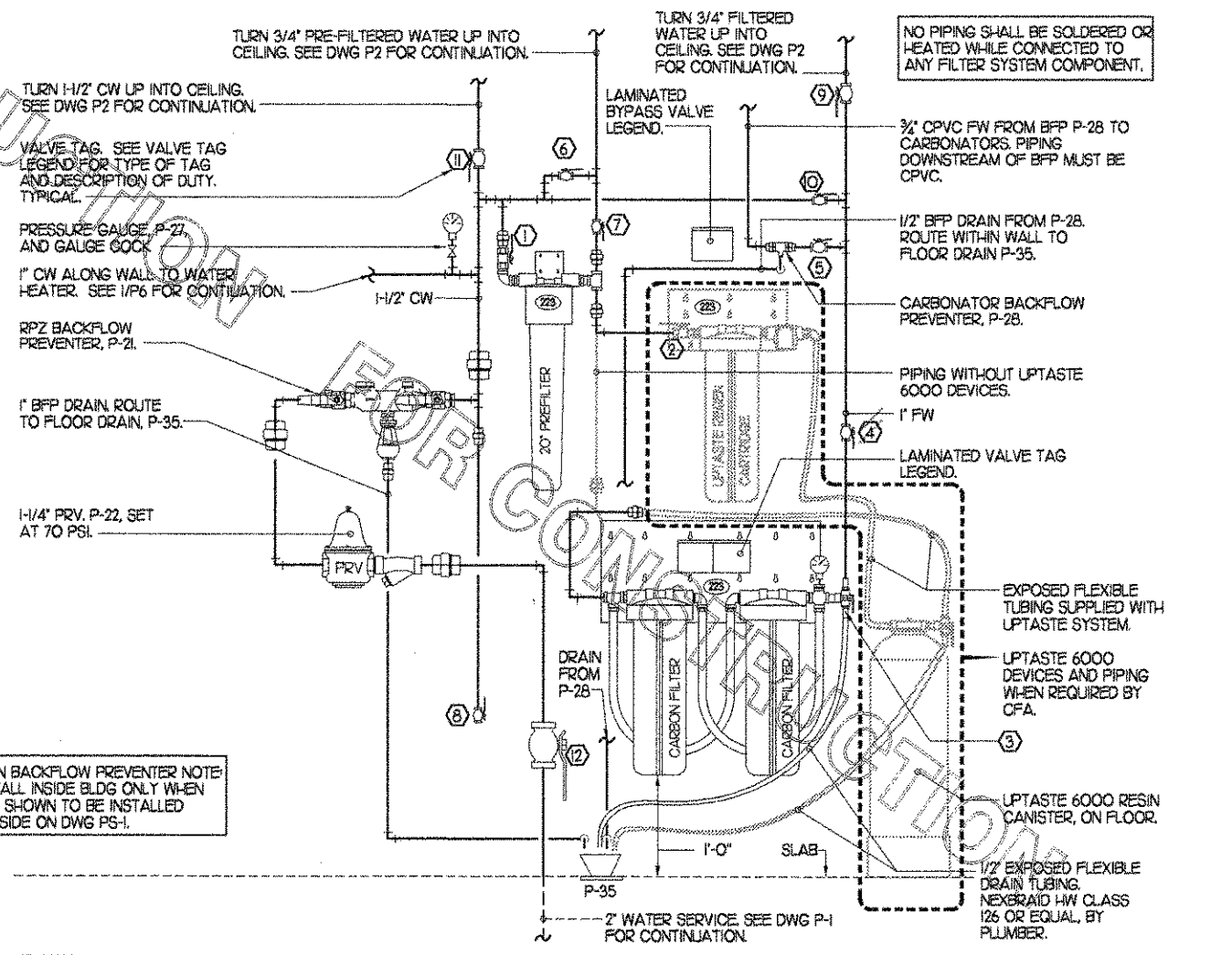
EACH VALVE TAG SHALL INDICATE VALVE NUMBER AND WILL ALSO HAVE 'PLBG' STAMPED ON THE TAG IN 1/4" HIGH BLACK FILLED LETTERING. HANG WITH BRASS JACK CHAIN.

WATER RISER VALVE TAG LEGEND

- ① INTEGRAL PRE-FILTER MAIN SUPPLY VALVE, NORMALLY OPEN.
 - ② INTEGRAL UPTASTE ISOLATION VALVE, NORMALLY OPEN.
 - ③ CARBON FILTER INTEGRAL 3-WAY VALVE, NORMALLY SET TO 'EQUIPMENT'.
 - ④ CARBON FILTER ISOLATION VALVE, NORMALLY OPEN.
 - ⑤ CARBONATOR FILTERED WATER ISOLATION VALVE, NORMALLY OPEN.
 - ⑥ PRE-FILTER BYPASS VALVE, NORMALLY CLOSED.
 - ⑦ PREFILTERED WATER ISOLATION VALVE, NORMALLY OPEN. SERVES ICE MAKER & P-8 (CW ON VEG SINK FAUCET).
 - ⑧ MAIN DRAIN, NORMALLY CLOSED, THREADED CONNECTION.
 - ⑨ FILTERED WATER ISOLATION VALVE, NORMALLY OPEN. SERVES COFFEE BREWER, TEA BREWER AND P-30 (POT FILLER NEAR VEG. SINK).
 - ⑩ MAIN BYPASS VALVE, NORMALLY CLOSED.
 - ⑪ UNFILTERED DOMESTIC WATER, NORMALLY OPEN.
 - ⑫ MAIN WATER SUPPLY, NORMALLY OPEN.
- NOTE: VALVE IS OPEN WHEN HANDLE IS IN-LINE WITH PIPING.

5 VALVE BYPASS LEGEND

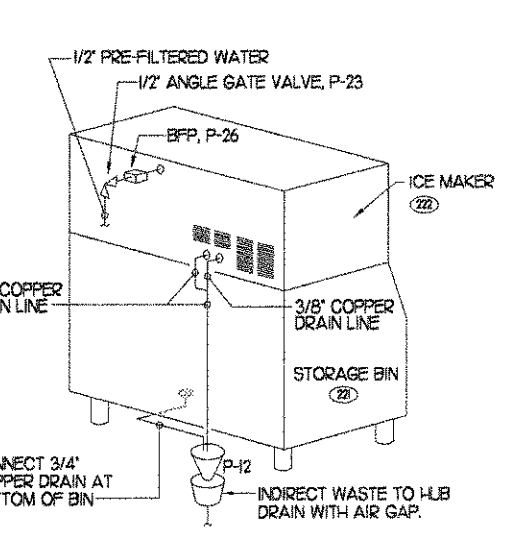
NO SCALE



MAIN BACKFLOW PREVENTER NOTE: INSTALL INSIDE BLDG ONLY WHEN NOT SHOWN TO BE INSTALLED OUTSIDE ON DWG PS-1.

2 SAN. C.O. OUTSIDE BUILDING

NO SCALE

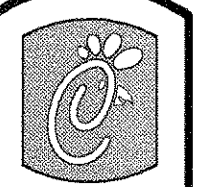


4 WATER SERVICE RISER / FILTER SYSTEM

NO SCALE

3 ICE MACHINE PIPING

NO SCALE



5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark	Date	By
△		
△		
△		

Seal

AA 00300
CA 9660
933 LEE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32810
PH 407 645 5038
FX 407 650 9124

INTERPLAN
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE SERIES
FSU 03-A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
DETAILS
& SCHEDULES

DWG EDITION 03.8

Job No. : 2004.0255
Store : 1740
Date : 8/30/04
Drawn By :
Checked By :
Sheet

P-6.0

PLUMBING SPECIFICATIONS

PART 1 - GENERAL

- MATERIALS AND INSTALLATION SHALL COMPLY WITH ALL APPLICABLE STATE AND LOCAL CODES AND AMENDMENTS.
- OBTAIN AND PAY FOR ALL REQUIRED PERMITS, INSPECTION FEES, TAPPING FEES, CONNECTION CHARGES, AND UTILITY COMPANY SERVICE CHARGES.
- INSTALLATION SHALL BE DONE IN A NEAT AND WORKABLE MANNER.
- DRAWINGS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED FOR EXACT SIZES OR LOCATIONS. THEY ARE NOT INTENDED TO DISCLOSE ABSOLUTE OR UNCONDITIONAL KNOWLEDGE OF ACTUAL FIELD CONDITIONS.

PART 2 - PRODUCTS

- DOMESTIC WATER PIPING ABOVE SLAB SHALL BE TYPE 1" HARD DRAWN COPPER. WATER SUPPLY PIPING TO SOFT DRINK CARBONATORS SHALL BE FLOWGUARD GOLD CPVC AS MANUFACTURED BY THOMPSON PLASTICS OR CHARLOTTE PIPE AND MEETING ASTM D-2846. SEE PLANS FOR LOCATION OF CPVC PIPING.
- JOINTS FOR CPVC PIPING SHALL BE SOLVENT WELD TYPE WITH CEMENTS MEETING ASTM F-493 AND PRIMER MEETING ASTM F-656. CURE TIME MUST COMPLY WITH MANUFACTURER'S RECOMMENDATIONS.
- ALL CONDENSATE PIPING ON THE ROOF SHALL BE TYPE M' HARD DRAWN COPPER.
- DOMESTIC WATER AND CONDENSATE DRAIN PIPING BELOW SLAB AND OUTSIDE SHALL BE TYPE K' SOFT ANNEALED SEAMLESS. NO JOINTS SHALL BE ALLOWED BELOW SLAB. PIPING BELOW SLAB SHALL BE SLEEVED WITH POLY SLEEVE AS MADE BY IPS WATER-TITE. ALL SLAB PENETRATIONS SHALL BE SLEEVED TO PROTECT PIPING FROM CORROSION BY CONCRETE.
- COPPER PIPE FITTINGS SHALL BE WROUGHT COPPER SWEEP PATTERN FITTINGS, SOLDERED USING 95-5 LEAD-FREE SOLDER MEETING ASTM B-32 OR BRAZED WITH SIL-FOS. SOLDER FLUXES SHALL MEET ASTM B-813 AND SHALL BE LEAD FREE. BRAZING FLUXES SHALL MEET AWS FB3-A OR FB3-C.
- ALL SANITARY WASTE, VENT AND STORM DRAINAGE PIPING AND FITTINGS INSIDE THE BUILDING SHALL BE SCHEDULE 40 PVC DWV AS MANUFACTURED BY CHARLOTTE PIPE AND MEETING ASTM D-1785 AND D-2665. PVC PIPING OUTSIDE THE BUILDING SHALL BE TYPE SDR-35 MEETING ASTM D-3034.
- JOINTS FOR DWV-PVC PIPING SHALL BE SOLVENT WELD TYPE INSIDE AND UNDERSLAB WITH CEMENTS MEETING ASTM D-2564 AND PRIMER MEETING ASTM F-656. CURE TIME MUST COMPLY WITH MANUFACTURER'S RECOMMENDATIONS. EXTERIOR PIPING JOINTS SHALL BE NEOPRENE PUSH-ON TYPE.
- PIPING INSULATION SHALL BE KNAUF 1000F 25/50 FIBERGLASS PIPE COVERING, WHITE KRAFT PAPER VAPOR BARRIER (0.2 PERMS) BONDED TO ALUMINUM FOIL AND REINFORCED WITH GLASS FIBERS. MINIMUM THERMAL CONDUCTIVITY OF 0.23 AT 75°. LONGITUDINAL LAP SHALL BE SELF SEALING. PROVIDE 1" THICK INSULATION FOR POTABLE HOT, COLD, FILTERED, AND TEMPERED WATER PIPING. PROVIDE 1/2" THICK INSULATION FOR CONDENSATE PIPING AND HORIZONTAL RAIN WATER CONDUCTORS INSIDE THE BUILDING.
- A PVC 25/50 PRE-FORMED COVER SHALL BE PROVIDED AT ALL INSULATED PIPING FITTINGS EQUAL TO PROTO PVC CORP LOSMOKE, 800-875-7768.
- PIPE INSULATION AND COVERINGS SHALL HAVE A RATING OF NOT GREATER THAN 25 FLAME SPREAD, NO HIGHER THAN 50 SMOKE DEVELOPED, AND NO MORE THAN 50 FUEL CONTRIBUTED. THE ONLY EXCEPTION SHALL BE ARMAFLEX II, WHEN SPECIFIED, WHICH SHALL NOT EXCEED 100 SMOKE DEVELOPED.
- ALL NATURAL GAS PIPING SHALL BE SCHEDULE 40 BLACK STEEL MEETING ASTM A53 WITH SCREWED OR WELDED FITTINGS AND GASKET TYPE UNIONS AND FLANGES. PIPING UNDER 2" SHALL BE JOINED WITH BLACK 150 POUND MALLEABLE IRON SCREWED FITTINGS. PIPING 2" AND LARGER SHALL BE WELDED.

PART 3 - EXECUTION

- EXCAVATION, BACKFILLING AND TRENCH WORK SHALL BE DONE IN ACCORDANCE WITH O.S.H.A. AND EXISTING SAFETY STANDARDS.
 - PROVIDE SHORING AND CLEANING NECESSARY TO KEEP TRENCHES IN GOOD WORKING CONDITION, INCLUDING PUMPING OUT WATER.
 - IN MOSTLY ROCK MATERIAL, TRENCHES SHALL BE EXCAVATED TO 6" BELOW THE ELEVATION OF THE BOTTOM OF THE PIPES. AFTER EXCAVATION, TRENCH SHALL THEN BE FILLED TO THE PROPER ELEVATION WITH CRUSHED LIMESTONE GRAVEL. SHALL BE SCOOPED OUT UNDER PIPE BELLS SO THE PIPE RESTS FIRMLY ON THE TRENCH BOTTOM.
 - IN MOSTLY EARTH OR SAND MATERIAL, TRENCHES SHALL BE EXCAVATED TO 6" BELOW THE ELEVATION OF THE BOTTOM OF THE PIPES. AFTER EXCAVATION, TRENCH SHALL THEN BE FILLED TO THE PROPER ELEVATION WITH FINE SAND OR GRAVEL. TRENCH BOTTOM SHALL BE SCOOPED OUT AT PIPE BELLS SO THE PIPE RESTS FIRMLY ON THE TRENCH BOTTOM.

- BACKFILLING AND TAMPING SHALL BE CAREFULLY DONE BY HAND SIMULTANEOUSLY ALONG BOTH SIDES OF THE PIPE USING ROCK FREE EARTH, CRUSHED STONE OR SAND UNTIL THE PIPE IS COVERED TO A DEPTH OF AT LEAST 12". BACKFILL SHALL BE ACCOMPLISHED IN SUCCESSIVE 6" LAYERS. THE REST OF THE FILL UP TO THE TOPSOIL LAYER MAY BE GRAVEL OR ROCK FREE EARTH.
- ACCEPTABLE SOIL MATERIALS FOR BACK FILL AND FILL SHALL BE FREE OF CLAY, ROCK OR GRAVEL LARGER THAN 2" IN ANY DIMENSION, DEBRIS, WASTE, FROZEN MATERIALS AND OTHER DELETERIOUS MATTER HAVING A PLASTICITY INDEX LESS THAN 30. BACKFILL SHALL BE ACCOMPLISHED IN LAYERS OF NOT MORE THAN 6" AND EACH LAYER SHALL BE COMPACTED. THE LAST 12" OF BACKFILL SHALL BE ROCK FREE TOPSOIL.
- SURFACE SHALL BE RESTORED TO ITS ORIGINAL CONDITION.

- PRESSURE REDUCING VALVE SHALL BE SET AT 70 PSI MAXIMUM. PRESSURE RELIEF VALVE SHALL BE SET AT 80 PSI MAXIMUM.
- EXPOSED HOT AND COLD WATER TRIM IN FINISHED AREAS SHALL BE CHROME FINISHED.
- ALL HORIZONTAL AND VERTICAL PIPING SHALL BE SUPPORTED IN ACCORDANCE WITH APPLICABLE STATE AND LOCAL CODE RECOMMENDATIONS. SUPPORTS SHALL SECURELY HOLD PIPING, PREVENT VIBRATION, COMPENSATE FOR ALL STATIC AND OPERATIONAL CONDITIONS OF THE VARIOUS SYSTEMS AND SHALL NOT BE SUBJECT TO ELECTROLYTIC ACTION. SHOCK ABSORBERS SERVICING FIXTURES WITH FLUSH VALVES SHALL BE SECURELY ANCHORED IN THEIR VERTICAL POSITION. ACCEPTABLE METHODS OF SUPPORT WILL BE THE SUMMER SYSTEM, POSIFIX, STAKFIX, PIPEFIX, HOLDRITE OR CHANNEL.
- PROVIDE JR. SMITH OR APPROVED EQUAL SHOCK ABSORBERS #5005 THRU #0500 SIZE AS RECOMMENDED BY MANUFACTURER INSTALLED ON HOT AND COLD WATER BRANCH LINES CONTAINING SINGLE LEVER FAUCETS, FLUSH VALVES OR EQUIPMENT WITH QUICK CLOSING VALVES BETWEEN THE LAST TWO FIXTURES AS SHOWN ON THE CONTRACT DRAWINGS.
- SANITARY WASTE LINES SHALL BE UNIFORMLY GRADED TO ELEVATIONS SHOWN. IF NO ELEVATIONS ARE GIVEN, SEWERS SHALL BE PITCHED NOT LESS THAN 1/4" PER FOOT. FOR ALL PIPING 2-1/2" IN DIAMETER AND SMALLER AND 1/8" PER FOOT FOR ALL PIPING 3" IN DIAMETER AND LARGER.
- SUPPORT HORIZONTAL PIPING AS FOLLOWS:

NOMINAL PIPE SIZE (IN)	MAXIMUM DISTANCE BETWEEN SUPPORT (FT)	MINIMUM HANGER DIAMETER (IN)
1/2	6	3/8
3/4 TO 1-1/2	6	3/8
2 TO 2-1/2	10	3/8
3 TO 6	12	1/2
- HANGERS FOR PIPING GREATER THAN 1" SHALL PASS OVER THE INSULATION. PROVIDE SADDLES FOR INSULATED PIPING.
- INSULATION SHALL BE APPLIED WITH JOINTS TIGHTLY BUTTED. OPEN CRACKS, Voids AND DEPRESSIONS SHALL BE FILLED WITH HYDRAULIC SETTING CEMENT. LAPPING MATCHING THE FINISH SHALL BE PASTED NEATLY OVER JOINTS, FITTINGS AND VALVES SHALL BE INSULATED WITH THE SAME TYPE.
- PROVIDE AND INSTALL A CUT-OFF VALVE, UNION AND FULL SIZE DIRT LEG AT CONNECTION TO EACH GAS-FIRED PIECE OF EQUIPMENT.
- THE SYSTEM TESTS DESCRIBED HEREIN ARE MINIMUM REQUIREMENTS. HOWEVER, ADDITIONAL TESTS AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION SHALL ALSO BE PERFORMED.
- DOMESTIC COPPER WATER PIPING SHALL BE TESTED HYDROSTATICALLY AT 100 PSI. ALL AIR MUST BE REMOVED PRIOR TO TESTING. IN ADDITION PIPING SHALL BE TESTED IN ACCORDANCE WITH APPLICABLE CODE REQUIREMENTS AND MANUFACTURER'S RECOMMENDATIONS. CPVC WATER PIPING SHALL BE TESTED AT 75 PSI.
- THE DOMESTIC WATER SYSTEM SHALL BE FLUSHED OUT PROGRESSIVELY BY OPENING OUTLETS AND FLOWING WATER UNTIL IT RUNS CLEAR. AFTER PIPE CLEANING IS COMPLETED, THE STRAINERS SHALL BE REMOVED, CLEANED, AND REPLACED. THEN THE ENTIRE DOMESTIC WATER SYSTEM SHALL BE DISINFECTED IN ACCORDANCE WITH THE AUTHORITY HAVING JURISDICTION.
- THE SANITARY WASTE SYSTEM SHALL BE FLUSHED OUT PROGRESSIVELY WITH FLOWING WATER UNTIL IT RUNS CLEAR.
- THE ENTIRE SANITARY WASTE SYSTEM AND STORM DRAINAGE SYSTEM SHALL BE TESTED AGAINST A HEAD PRESSURE OF 10 FT. ALL AIR MUST BE REMOVED PRIOR TO TESTING. IN ADDITION PIPING SHALL BE TESTED IN ACCORDANCE WITH APPLICABLE CODE REQUIREMENTS AND MANUFACTURER'S RECOMMENDATIONS.
- NATURAL GAS PIPING SHALL BE LEAK TESTED AT 10 PSI. ALL PIPING ABOVE ROOF SHALL BE CLEANED FREE OF RUST AND PAINTED WITH COAT OF ZINC RUST PRIMER AND ONE COAT OF ALUMINUM BASE PAINT. METER AND GAS RISER SHALL BE PRIMED AND PAINTED TO MATCH BUILDING. APPLY TWO COATS OF ASPHALTUM BASE PAINT TO PIPING BURIED UNDERGROUND.
- STORM PIPING SHALL BE SLOPED AT 1/4" (2%) UNLESS NOTED OTHERWISE ON PLANS.

PART 4 - PLUMBING FIXTURES

1. ACCEPTABLE MANUFACTURERS

- NO OTHER MANUFACTURER SUBSTITUTIONS SHALL BE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL FROM THE ENGINEER FIVE (5) DAYS BEFORE BIDDING.
- CONTRACTOR SHALL SUBSTITUTE MODELS FOR LOW FLUSH WATER CLOSETS AND URINALS ONLY AS REQUIRED BY LOCAL AND STATE CODES.
- FIXTURES SHALL BE MOUNTED RIGID TO WALLS AND FLOOR.
- FIXTURES: ELIER, KOHLER OR AMERICAN STANDARD.
- FITTINGS: AS SPECIFIED ON THE PLANS. NO SUBSTITUTIONS ALLOWED.
- FLUSH VALVES: SLOAN VALVE COMPANY, NO SUBSTITUTIONS ALLOWED.
- TOILET SEATS: BEMIS. NO SUBSTITUTIONS ALLOWED.
- DRAINS, HYDRANTS, CARRIERS AND SHOCK ABSORBERS: JAY R. SMITH, JONES STEPHENS CORP., ZURN, WADE, OR JOSAM.

- CONTRACTOR SHALL PROVIDE OUTLET DEVICES WHICH LIMIT THE FLOW OF WATER TO ALL LAVATORIES TO A MAXIMUM OF 0.5 GPM, SINKS TO A MAXIMUM OF 3.0 GPM AS REQUIRED BY LOCAL CODE.


2. FIXTURES

- WATER CLOSET: FLOOR MOUNTED, FLUSH VALVE, ELIER MODEL III-2125 SIGNATURE, 1.5 GALLON, VITREOUS CHINA, 1-1/2" TOP SPUD, ELONGATED BOWL, SLOAN ROYAL III ADA FLUSH VALVE, BEMIS MFG. CO. 1955C WHITE OPEN FRONT SEAT, KOHLER K-4350 WELLCOMME OR AMERICAN STANDARD 2234.015 MADERA ARE ACCEPTABLE SUBSTITUTES.
- WATER CLOSET: H.C. ACCESSIBLE, FLOOR MOUNTED, FLUSH VALVE, ELIER MODEL III-2145 SIGNATURE, 1.5 GALLON, VITREOUS CHINA, 16-3/4" HIGH, 1-1/2" TOP SPUD, ELONGATED BOWL, SLOAN ROYAL III-TP FLUSH VALVE WITH TRAP PRIMER OPTION, BEMIS MFG. CO. 1955C WHITE OPEN FRONT SEAT, KOHLER K-4302 HIGH-CREST OR AMERICAN STANDARD 2305.100 ARE ACCEPTABLE SUBSTITUTES.
- URINAL: ELIER CORRECTO, MODEL 161-030, VITREOUS CHINA, WITH A 3/4" TOP SPUD AND A SLOAN ROYAL 166-F (ONE GALLON) FLUSH VALVE. KOHLER K-4960-ET BARDON OR AMERICAN STANDARD 650.010 WASH-BROOM ARE ACCEPTABLE SUBSTITUTES.
- LAVATORY: RUG IN ELIER MODEL 357-1062 FAUCET, MCGUIRE 175 SUPPLIES WITH STOPS, MCGUIRE 155-WC GRID DRAIN WITH OFFSET TAILPIECE AND A MCGUIRE 8872 POLISHED CHROME P-TRAP. P-TRAP SHALL BE PARALLEL WITH BACK WALL. PROVIDE A TRUEBRO INC. HANDI LAV-GUARD INSULATION KIT MODEL 103W. AMERICAN STANDARD RELIANT 2385.403 FAUCET IS AN ACCEPTABLE SUBSTITUTE. DELTA 523-WF-HF SINGLE LEVER FAUCET IS AN ACCEPTABLE SUBSTITUTE.
- KITCHEN HAND SINK: RUGH IN (FURNISHED BY OWNER) CONTRACTOR SHALL INSTALL WALL HUNG, STAINLESS STEEL SINK AND FAUCET SET AND MAKE FINAL CONNECTIONS. PROVIDE MCGUIRE 175 SUPPLIES WITH STOPS AND A MCGUIRE 8912 POLISHED CHROME P-TRAP.
- SERVING COUNTER DROP IN SINK: RUGH IN (FURNISHED BY OWNER) CONTRACTOR SHALL INSTALL SINK AND FAUCET SET AND MAKE FINAL CONNECTIONS. PROVIDE MCGUIRE 8912 POLISHED CHROME P-TRAP AND MCGUIRE 175 SUPPLIES WITH STOPS.
- MOP SINK: FAUCET: 136X24X12 STAINLESS STEEL. MOP SINK (FURNISHED BY OWNER) PROVIDE TES BRASS MODEL B-0665-BSTP FAUCET WITH VACUUM BREAKER, TOP BRACE, 3/4" HOSE THREAD, 8" CENTER SPREAD.
- MOP SINK AND CAN WASH: CHECK VALVES: TES BRASS 1/2" MODEL B-CV1-2 BALL CHECK.
- VEGETABLE PREP SINK: RUGH IN (FURNISHED BY OWNER) CONTRACTOR SHALL INSTALL SINK AND MAKE FINAL CONNECTIONS. PROVIDE MCGUIRE 177 SUPPLIES WITH STOPS AND 36" RISERS. PROVIDE CHICAGO 510-GC PRE-RINSE SPRAYER WITH 12" HIGH RISER, CHICAGO 613A-DJ3 FAUCET WITH 369 HANDLE AND E3 2 GPM FLOW RESTRICTOR. COPPER INDIRECT WASTE/NO P-TRAP REQUIRED. TES BRASS B-0133-B PRE-RINSE SPRAYER WITH 12" HIGH RISER AND B-0155 FAUCET WITH 15" DJ SPOUT EQUIVALENTS ACCEPTED.
- FOUR COMPARTMENT POT SINK: RUGH IN (FURNISHED BY OWNER) CONTRACTOR SHALL INSTALL SINK AND MAKE FINAL CONNECTIONS. PROVIDE MCGUIRE 177 SUPPLIES WITH STOPS AND 36" RISERS. PROVIDE CHICAGO 510-GC PRE-RINSE SPRAYER ON LEFT SIDE WITH 12" HIGH RISER, CHICAGO 613A-DJ3 FAUCET PROVIDE CHICAGO 445-DJ8 ON RIGHT SIDE. BOTH FAUCETS TO HAVE 369 HANDLES AND E3 2 GPM FLOW RESTRICTORS. COPPER INDIRECT WASTE, NO P-TRAPS REQUIRED. TES BRASS B-0133-B PRE-RINSE SPRAYER, B-0155 ADD-ON FAUCET WITH 12" HIGH RISER, 15" DJ SPOUT AND B-0597 RIGHT SIDE FAUCET EQUIVALENTS ACCEPTED.
- FLOOR DRAIN (3") JONES STEPHENS CORP D50-064 PVC BODY, BRONZE SPUD WITH 6" DIAMETER NICKEL BRONZE STRAINER. SEE DWG P1 FOR DRAINS IN DINING AND RESTROOMS REQUIRING 1/2" TRAP PRIMER CONNECTION.
- WALL HYDRANT (NON-FREEZE): WOODFORD MODEL 67-C AUTOMATIC DRAINING WALL HYDRANT WITH DUAL CHECK BFP, ASSE 1052 APPROVED, WALL CLAMP, SEE ARCH PLANS FOR WALL THICKNESS. POLISHED BRASS FINISH.
- INDIRECT WASTE RECEIVER (3") JR. SMITH 3510L03-F11 FUNNEL-CEPTOR 3" INDIRECT WASTE RECEIVER WITH 6" ROUND NICKEL BRONZE STRAINER AND 4" ROUND FUNNEL.
- FLOOR SINK (POT SINK): JAY R. SMITH FIGURE NO. 3430L-C-10 SANI-CEPTOR CAST IRON INDIRECT WASTE RECEIVER WITH 12" SQUARE BODY, 8" DEEP, SEDIMENT BUCKET AND NO STRAINER.
- FLOOR SINK (VEGETABLE SINK): JR. SMITH 34110L-10 SANI-CEPTOR CAST IRON INDIRECT WASTE RECEIVER WITH 8" SQ. BODY, SEDIMENT BUCKET AND NO STRAINER.
- CLEANOUTS INSIDE BUILDING: JR. SMITH 4053L CLEANOUT WITH 6-1/2" SQUARE NICKEL BRONZE TOP AND TAPER THREADED BRONZE PLUG. SEE PLAN FOR SIZE.
- CLEANOUTS OUTSIDE BUILDING: JR. SMITH 4261L SERIES EXTRA HEAVY DUTY CAST IRON CLEANOUT, "CO" CAST IN COVER, ABS PLUG, SPEEDI SET OUTLET.
- TRAP PRIMER: SLOAN ROYAL MODEL VBF-72-AI WITH VACUUM BREAKER.
- VACUUM RELIEF VALVE: WATTS MODEL #N36, 3/4" CONNECTION.

- EXPANSION TANK: STATE INDUSTRIES MODEL ETC-5X, ACCEPTANCE 3.05 GALLONS AT 40 PSI PRECHARGE, 3/4" CONNECTION.
- WATER HEATER: STATE INDUSTRIES MODEL PR6-75-XRVT, 75 GALLON GAS FIRED WATER HEATER, 75,000 BTUH INPUT, 68 GPH RECOVERY AT 100 DEGREE RISE, 3" PVC OR ABS VENT OUTLET, CHICK-FIL-A HAS A NATIONAL ACCOUNT WITH STATE INDUSTRIES. WATER HEATER MUST BE PURCHASED BY THE PLUMBING CONTRACTOR AFTER CALLING STATE AT 800-365-8170 EXT 6242 FOR PRICING AND LOCATION OF THE NEAREST STATE DISTRIBUTOR.
- TEMPERING VALVE: SYMONS MODEL 5-120-CXK BRASS BODY, THERMOSTATIC TYPE, 15 GPM • 45 PSI DIFFERENTIAL, 4 GPM • 5 PSI DIFFERENTIAL, 1/2" IPS INLETS AND OUTLETS WITH CHECK-STOPS. SET TEMPERATURE AT 115 DEG. PROVIDE TRERICE MODEL B83404 3" DIAL TYPE THERMOMETER WITH BOTTOM 1/2" N.P.T. CONNECTION, 4" STEM AND 25F TO 125 F RANGE.
- 1-1/2" BACKFLOW PREVENTERS

DOUBLE CHECK TYPE:
WATTS NO. U007M2 DUAL CHECK MODULAR TYPE BACKFLOW PREVENTER MEETING ASSE 1015 AND AWWA C510-92 WHERE REQUIRED BY LOCAL AUTHORITY, USE THE RPZ TYPE BFP SHOWN BELOW. COORDINATE LOCATION WITH DRAWING PS-1. BACKFLOW PREVENTER TYPE AND MODEL IS DETERMINED BY CIVIL ENGINEER IF LOCATED OUTSIDE THE BUILDING.

RPZ TYPE:
1-1/2" REDUCED PRESSURE ZONE (RPZ) BACKFLOW PREVENTER: WATTS NO. U009M2 MODULAR TYPE WITH TEST PORTS AND INTERMEDIATE RELIEF VALVE MEETING ASSE 1013 AND AWWA C511-89. PROVIDE WATTS NO. 909-AG-C AIR GAP DEVICE.
- 1-1/4" PRESSURE REDUCING VALVE: WATTS NO. #223-SB WITH BRONZE STRAINER AND BYPASS FEATURE. SET NO FLOW CONDITION AT 70 PSI.
- UTILITY CONNECTION PROVIDE A MCGUIRE 1/2X 1/2" OD MODEL ST08 CHROME WHEEL ANGLE STOP AND 6'-0" OF COPPER COILED TUBING TO ALLOW EQUIPMENT TO BE PULLED OUT FOR MAINTENANCE AND CLEANING. PROVIDE CHROME WALL ESCUTCH-EON.
- UTILITY CONNECTION PROVIDE A MCGUIRE 1/2X 3/8" OD MODEL ST07 CHROME WHEEL ANGLE STOP AND CHROME WALL ESCUTCH-EON. INSTALL QUICK DISCONNECT AND FLEXIBLE TUBING PROVIDED BY CHICK-FIL-A.
- SHOCK ABSORBER: JR. SMITH FIGURE 5005 THROUGH 5050, SIZE AS RECOMMENDED BY MANUFACTURER.
- ICE MACHINE BACKFLOW PREVENTER: WATTS MODEL #7 WITH 1/2" INLET AND 1/2" OUTLET AND DUAL CHECK.
- WATER PRESSURE GAUGE: TRERICE MODEL 800, 2-1/2" ROUND, BOTTOM OUTLET WITH 1/4" N.P.T. CONNECTION AND 0 TO 100 PSI RANGE.
- CARBONATOR WATER SUPPLY BACKFLOW PREVENTER: WATTS MODEL #9DM2 DOUBLE CHECK WITH INTERMEDIATE ATMOSPHERIC VENT AND 3/4" THREADED CONNECTIONS.
- ICE MACHINE FLOOR SINK: JR. SMITH 34110L-10 SANI-CEPTOR CAST IRON INDIRECT WASTE RECEIVER WITH 8" SQ. BODY, SEDIMENT BUCKET AND NO STRAINER.
- FILTERED WATER FAUCET: CHICAGO FAUCETS MODEL 332-DJ18, BACKSHELF MOUNT, SINGLE INLET, DOUBLE JOINTED 18" SPOUT, CHROME FINISH. MOUNT ON BACKSPLASH OF VEGETABLE PREP SINK ON LEFT SIDE. PROVIDE MCGUIRE 187 CLOSET SUPPLY WITH 20" RISER, STOP AND ESCUTCH-EON. TES BRASS B-0592 FAUCET EQUIVALENT ACCEPTED.
- 3/4" DUMPSTER POST HYDRANT (NON-FREEZE): WOODFORD MODEL Y2 LEVER TYPE POST HYDRANT, 3/4 HOSE CONNECTION, LOCKABLE LEVER HANDLE, BRASS CASING, BRASS OPERATING ROD, ASSE 1052 APPROVED AND 24" DEPTH OF BURY.
- DUMPSTER PAD DRAIN: JR. SMITH FIGURE NO. 2280C03 3" FLOOR DRAIN WITH 7-1/2" HINGED CAST IRON SLOTTED GRATE AND SEDIMENT BUCKET.
- TRAP PRIMER (MECHANICAL TYPE): PRECISION PRODUCTS PR-500 WITH DISTRIBUTION UNIT WHERE SERVING MULTIPLE DRAINS.
- DISPENSER BACKFLOW PREVENTER: WATTS MODEL #7C WITH 3/8" INLET AND OUTLET, DUAL CHECK TYPE.
- FLOOR DRAIN/RECEIVER (3") JR. SMITH 3510L03-F10-PO50 3" DRAIN WITH FUNNEL AND 6" ROUND NICKEL BRONZE STRAINER, 1/2" TRAP PRIMER CONNECTION.
- BEVERAGE TOWER INDIRECT RECEIVER (3") JONES STEPHENS CORP D50-064 PVC BODY, BRONZE SPUD WITH 6" DIAMETER NICKEL BRONZE STRAINER.
- CAN WASH-DRAIN PLUMBER TO PROVIDE JR. SMITH FIGURE NO. 30210C3-19 8" DRAIN WITH 8-1/2" ROUND HINGED GRATE AND SEDIMENT BUCKET. CAN WASH FIXTURE BY BUILT BY GC.
- 3/4" MIXING WALL HYDRANT (NON-FREEZE): WOODFORD MODEL HC67 MIXING WALL HYDRANT, 3/4 HOSE CONNECTION, WALL CLAMP, ASSE 1052 APPROVED, CHROME FINISH. SPECIFY 1" WOODFORD WALL THICKNESS.
- PRIMARY ROOF DRAIN: JR. SMITH FIGURE NO. 1015-C-R-CID 4" ROOF DRAIN WITH UNDERDECK CLAMP LUMP RECEIVER, CAST IRON DOME AND ADJUSTABLE EXTENSION.
- LAVATORY: 20X 18" H.C. ACCESSIBLE, WALL HUNG, ELIER SIGNATURE MODEL 051-2104, VITREOUS CHINA WITH BACKSPLASH, ELIER MODEL 357-1062 FAUCET, MCGUIRE 175 SUPPLIES WITH STOPS, MCGUIRE 155-WC GRID DRAIN WITH OFFSET TAILPIECE AND A MCGUIRE 8872 POLISHED CHROME P-TRAP. P-TRAP SHALL BE PARALLEL WITH BACK WALL. PROVIDE JR. SMITH 722 CONCEALED ARM CARRIER. PROVIDE A TRUEBRO INC. HANDI LAV-GUARD INSULATION KIT MODEL 103W. AMERICAN STANDARD 0365.012 LUCERNE LAV WITH RELIANT 2385.403 FAUCET IS AN ACCEPTABLE SUBSTITUTE. DELTA 523-WF-HF SINGLE LEVER FAUCET IS AN ACCEPTABLE SUBSTITUTE IN ALL CASES.

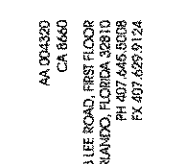


5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark	Date	By
△		
△		
△		

Seal



933 LEE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32810
PH: 407.445.8008
FX: 407.409.9124

INTERPLAN 9371
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES
FSU 03-A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
PLUMBING
SPECIFICATIONS

DWG EDITION 03.8

Job No. : 2004.0255
Store : 1740
Date : 8/30/04
Drawn By :
Checked By :
Sheet

P-7.0

At. Resthome

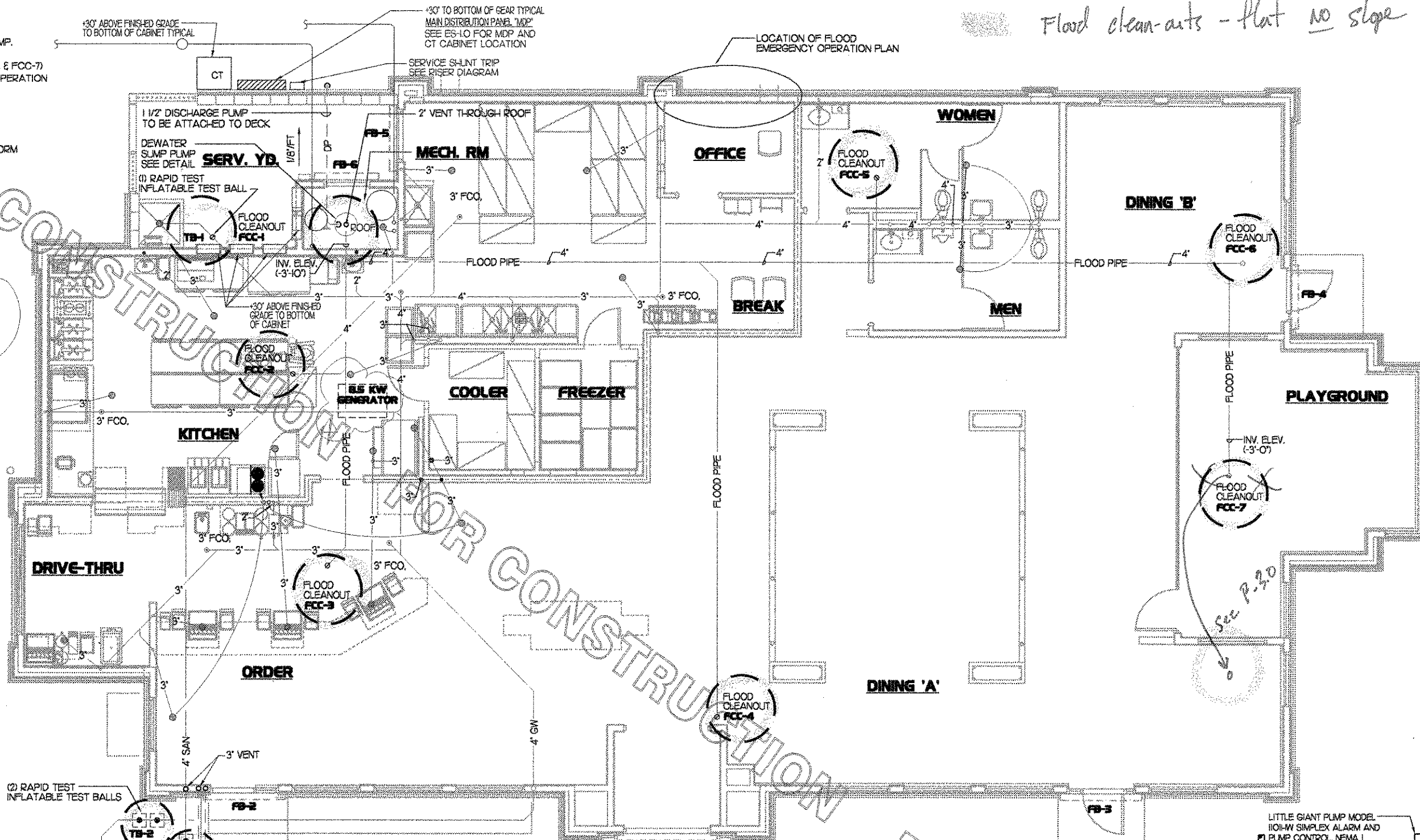
FLOOD PROTECTION SET UP / PREPARATION

- SET UP GENERATOR FOR POWERING SUMP PUMP.
 - REMOVE FLOOD CLEANOUT COVERS (FCC-1, FCC-2, FCC-3, FCC-4, FCC-5, FCC-6, & FCC-7)
 - CONNECT TO POWER AND TEST SUMP PUMP OPERATION
 - INSERT AND INFLATE TEST BALLS (TB-1, TB-2, TB-3, TB-4)
 - INSTALL FLOOD BARRIERS AT DOOR. (FB-1, FB-2, FB-3, FB-4 / FB-5, FB-6) (RE ATTACHMENT 'A')
- NOTE: IF HIGH WINDS ARE EXPECTED THEN STORM SHUTTERS TO BE INSTALLED PRIOR TO FLOOD BARRIERS (RE ATTACHMENT 'A')

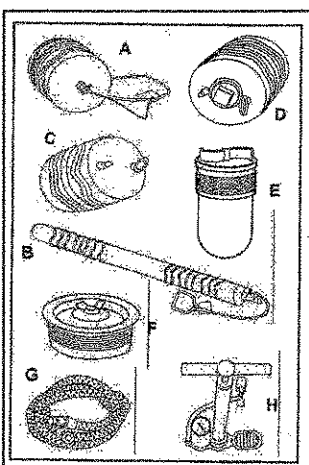
FLOOR FLOOD CLEANOUT
JAY R SMITH MODEL # 4131- 4" PIPE SIZE
COVER PLATE TO BE ENGRAVED "FLOOD"

PIPING MATERIAL
CAST IRON PIPE

ELECTRIC GENERATOR (FOR SUMP PUMP)
KOHLER MODEL ISRYG-4J7 15KW GENERATOR
120/208 3 PHASE 45 AMP
DUEL FUEL, NATURAL GAS/PROPANE
WEATHER HOUSING, BATTERY WITH CHARGER
ROOF MOUNTED (RE A1.7)

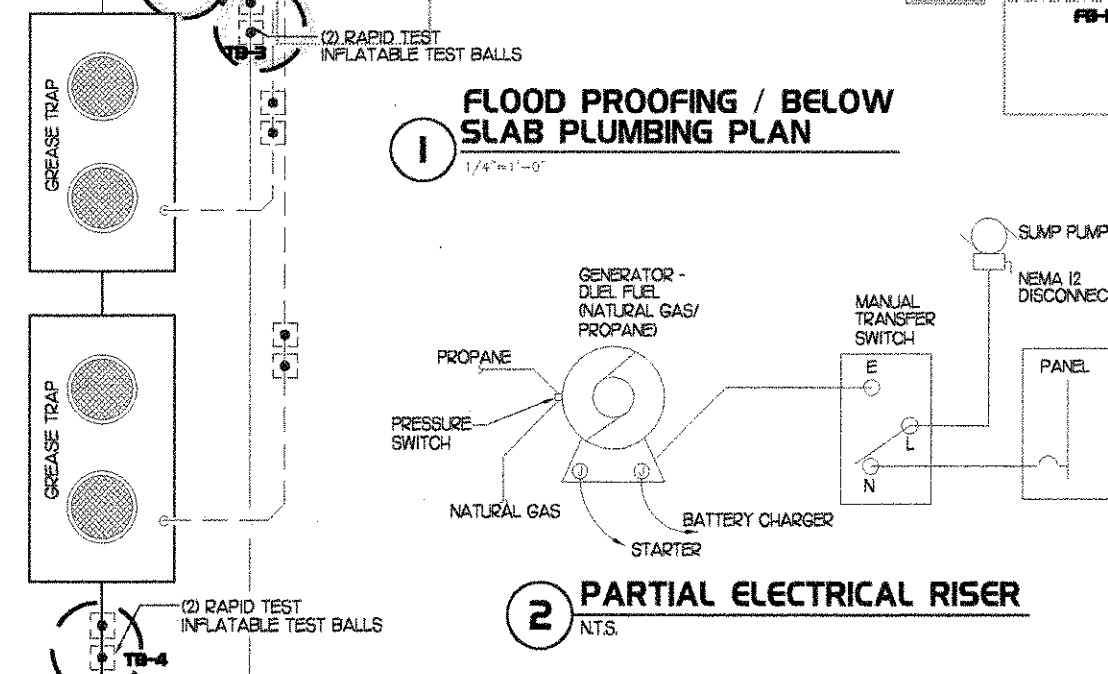


Flood clean-outs - flat no slope



RAPID INSTALLATION OF INFLATABLE TEST BALLS
TB-1 = ONE (1) TEST BALL
TB-2 = TWO (2) TEST BALLS
TB-3 = TWO (2) TEST BALLS
TB-4 = TWO (2) TEST BALLS

1 FLOOD PROOFING / BELOW SLAB PLUMBING PLAN
1/4" = 1'-0"

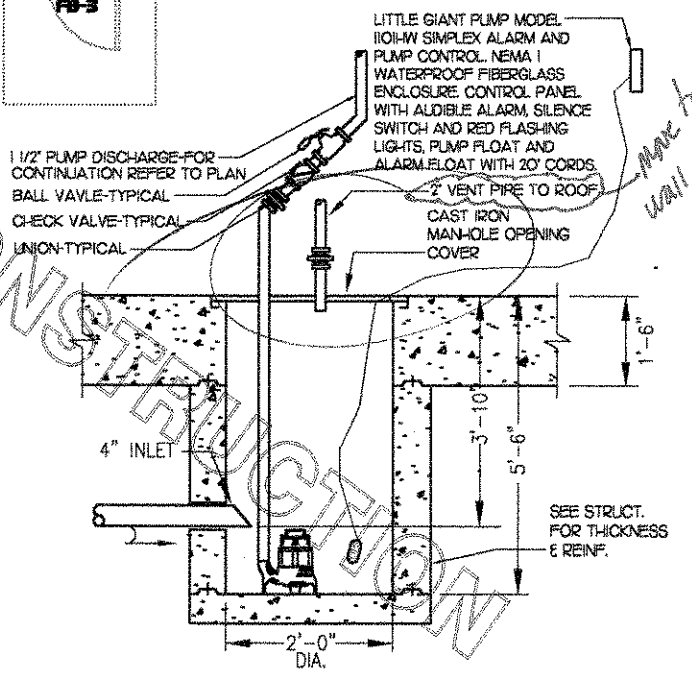


2 PARTIAL ELECTRICAL RISER
NTS.

DEWATERING SIZE PUMP
4 1/2" HR - 0.167 HR
0.167 HR/60 MIN. = 0.00287 MIN
0.00287 MIN/12 FT = 0.00024 FT/MIN
4571 FT SQ X 0.00024 FT/MIN. = 1.015 CU FT/MIN.
1.015 CU FT/MIN. = 15 GPM

DEWATERING PUMP
FURNISH AND INSTALL WHERE INDICATED ON PLAN ONE SUBMERSIBLE EJECTOR PUMP RATED TO DELIVER 15 GPM AT 25' OF HEAD WITH 3/4 HORSEPOWER, 115 VAC, SINGLE PHASE 1750 RPM NON-OVERLOADING SUBMERSIBLE MOTOR.

CONTROLS: 1 ADJUSTABLE MERCURY FLOAT SWITCH WITH 20' CORD AND PLUG WITH MOUNTING STRAP AND ONE NEMA4 SUMP 24" DIAMETER ROUND CONCRETE BASIN (SEE STRUCT) APPROX. 60" DEEP. INLET, DISCHARGE, VENT AND ELECTRICAL CONNECTIONS SHALL BE TOP MOUNT W/ DISCHARGE OUTSIDE SERVICE AREA WALL. RUN PIPING UP WALL, ALONG SERVICE AREA FENCE/ROOF.



3 SUMP & PUMP SECTION
NTS.

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark	Date	By
△	3/17/04	res
COORD. REVISIONS		
△		
△		
△		

Seal

AA 004320
CA 8660
933 LEE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32810
PH 407 246 9039
FX 407 627 9124

INTERPLAN 3
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES
FSU 03-A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
FLOOD PLUMB.
ELECT. PLAN

DWG EDITION 03.8

Job No. : 2004.0255
Store : 1740
Date : 8/30/04
Drawn By :
Checked By :
Sheet

P-8.0

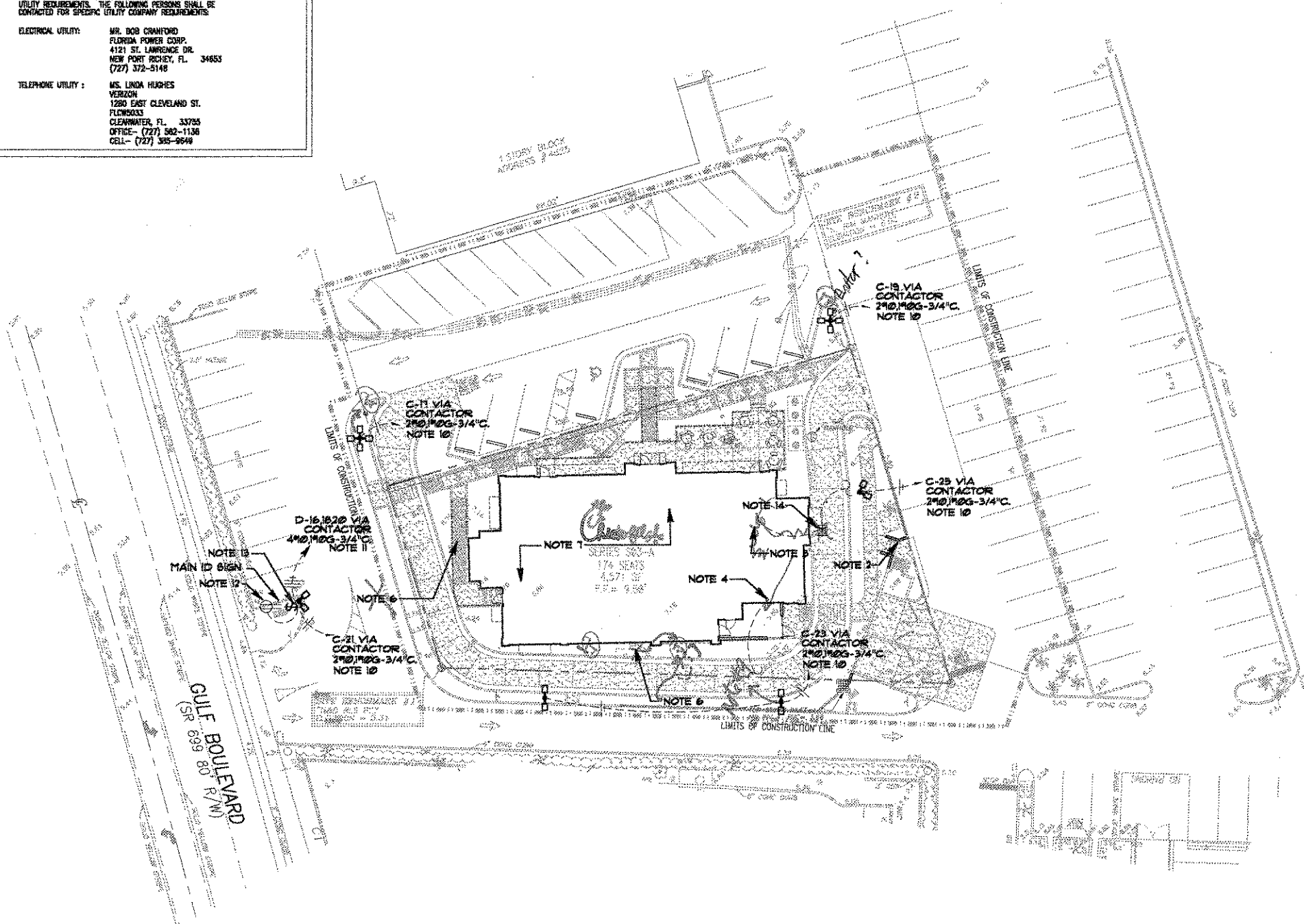
POWER/TELEPHONE UTILITIES:

COORDINATE AND COMPLY WITH ALL TELEPHONE AND ELECTRICAL UTILITY REQUIREMENTS. THE FOLLOWING PERSONS SHALL BE CONTACTED FOR SPECIFIC UTILITY COMPANY REQUIREMENTS.

ELECTRICAL UTILITY: MR. BOB CRANFORD
FLORIDA POWER CORP.
4121 ST. LAWRENCE DR.
NEW PORT RICHEY, FL 34653
(727) 372-5146

TELEPHONE UTILITY: MS. LINDA HUGHES
VERIZON
1280 EAST CLEVELAND ST.
FLORWOOD
CLEARWATER, FL 33755
OFFICE- (727) 582-1136
CELL- (727) 585-8544

CAMERA LOCATIONS



GENERAL ELECTRICAL NOTES:

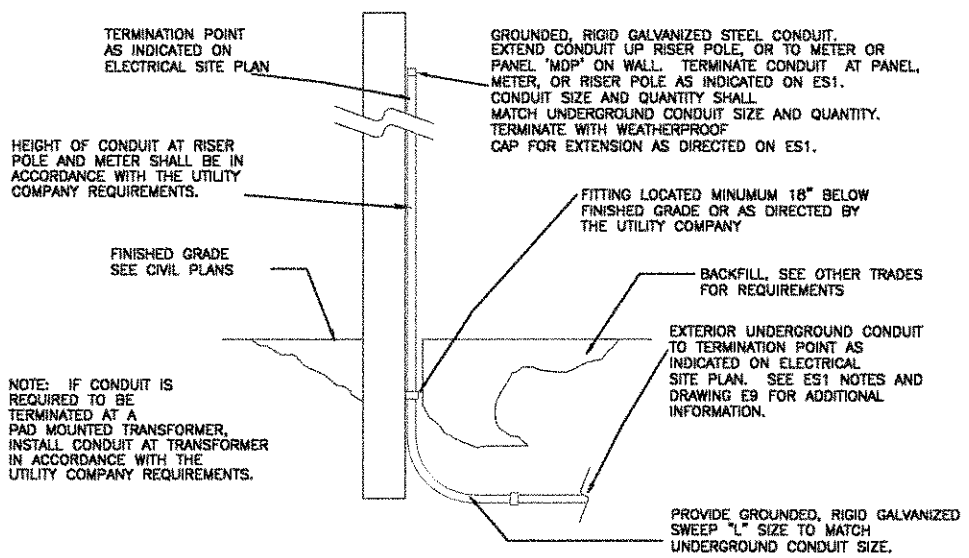
- (APPLY TO ES1 ONLY)
- VERIFY WITH LOCAL AUTHORITIES AND UTILITIES THAT OWNER'S SIGNS, POLES AND THEIR APPURTENANCES ARE NOT LOCATED ON OR OVER ANY EASEMENT OR MUNICIPAL RIGHT OF WAY.
 - SITE WORK, UTILITY, AND ROADWAY INFORMATION ARE TAKEN FROM BOUNDARY AND TOPO SURVEY SITE PLANS. REFER TO C-DRAWINGS.
 - MINIMUM CONDUIT SIZE SHALL BE 3/4" C. MINIMUM CONDUCTOR SIZE SHALL BE #10AWG COPPER UNLESS OTHERWISE NOTED.
 - REFER TO BUILDING ELECTRICAL DRAWINGS (E SERIES) FOR EXTERIOR LIGHTING CONTROL.
 - FOR WORK UNDER THIS DIVISION, ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ONLY NEW AND U.L. LABELED ELECTRICAL EQUIPMENT, UNLESS INDICATED OTHERWISE BY THE CONTRACT DOCUMENTS.
 - FOR WORK UNDER THIS DIVISION, ELECTRICAL CONTRACTOR SHALL CONTACT ALL UTILITIES FOR VERIFICATION AND IDENTIFICATION OF ALL UNDERGROUND RUNS, PRIOR TO SITE TRENCHING ("CALL BEFORE YOU DIG").
 - FOR WORK UNDER THIS DIVISION, ELECTRICAL CONTRACTOR SHALL PERFORM ALL WORK IN STRICT ACCORDANCE WITH THE CURRENT EDITION OF THE NATIONAL ELECTRIC CODE (NFPA 70), AND THE LIFE SAFETY CODE (NFPA 101), AS ADOPTED AND/OR AMENDED BY STATE AND LOCAL AUTHORITIES HAVING JURISDICTION.
 - FOR WORK UNDER THIS DIVISION, ELECTRICAL CONTRACTOR SHALL COORDINATE AND FIELD VERIFY LOCATIONS OF ALL UTILITY SERVICE RUNS, ORIGINATIONS, TERMINATIONS AND ANY INSTALLATION REQUIREMENTS (I.e. ELECTRICAL, TELEPHONE, WATER, GAS, SEWAGE, ETC.), AS RELATED TO THIS JOB, OR THEREBY EFFECTED.

ELECTRICAL SITE NOTES:

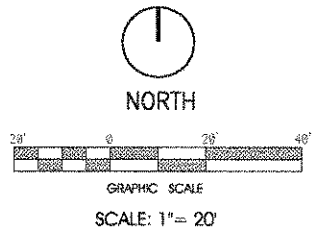
- APPROXIMATE LOCATION OF UNDERGROUND PRIMARY ELECTRICAL UTILITY LINES FURNISHED AND INSTALLED BY THE UTILITY.
- APPROXIMATE LOCATION OF TRANSFORMER FURNISHED BY ELECTRICAL UTILITY COMPANY. ELECTRICAL CONTRACTOR SHALL PROVIDE:
 - a. SECONDARY SERVICE LATERAL, SEE AS REQUIRED BY SHEET E9, "POWER SYSTEM ONE-LINE DIAGRAM." REFER TO "SECONDARY ELECTRICAL SERVICE UNDERGROUND CONDUIT DETAIL", SHEET E9 FOR ADDITIONAL INFORMATION.
 - b. METERING CONDUIT. SEE NOTE-14.
- APPROXIMATE LOCATION OF TERMINATION OF SECONDARY SERVICE LATERAL AT PANEL "MDP". REFER TO "POWER SYSTEM ONE-LINE DIAGRAM", SHEET E9, FOR ADDITIONAL INFORMATION.
- PROVIDE 2" CONDUIT FOR TELEPHONE SERVICE FROM PROPERTY LINE TO JUNCTION BOX IN OFFICE. REFER TO SHEET E2 FOR LOCATION OF JUNCTION BOX IN OFFICE. REFER TO "TELEPHONE SERVICE UNDERGROUND CONDUIT DETAIL", SHEET E9 FOR ADDITIONAL INFORMATION. COORDINATE EXACT LOCATION OF TERMINATION POINT WITH TELEPHONE UTILITY. TERMINATE CONDUITS IN MANNER AS DIRECTED BY THE UTILITY COMPANY.
- LOCATION OF DUMPSTER. REFER TO "STORAGE/DUMPSTER PLAN - ELECTRICAL", SHEET E3 FOR ELECTRICAL REQUIREMENTS IN THIS AREA.
- REFER TO SHEETS E1 AND E2 FOR ELECTRICAL REQUIREMENTS AT MENU BOARD, DRIVE THROUGH CANOPY, AND PRESELL MENU BOARD.
- REFER TO SHEETS E10, E11, & E12 FOR ELECTRICAL SPECIFICATIONS PERTAINING TO ELECTRICAL WORK DESCRIBED ON THIS SHEET.
- REFER TO SHEET ES2 FOR LUMINAIRE SCHEDULE.
- PROVIDE UNDERGROUND CONDUIT TO JUNCTION BOX IN OFFICE FOR POLE MOUNTED SECURITY CAMERA. REFER TO SHEET E2 FOR LOCATION OF JUNCTION BOX IN OFFICE AND REQUIRED SIZE OF CONDUIT. COORDINATE EXACT CAMERA LOCATION WITH CHICK-FIL-A REPRESENTATIVE PRIOR TO ROUGH-IN.
- CONNECT SITE LIGHTING CIRCUITS TO TERMINAL BLOCKS LOCATED IN THE "CFA-500" CONTROL PANEL (TYPICAL). SEE PANEL SCHEDULES ON SHEET E-8 AND "CFA-500" CONTROL CONNECTION DIAGRAM ON SHEET E-9.
- CONNECT SITE SIGNAGE CIRCUITS TO TERMINAL BLOCKS LOCATED IN THE "CFA-500" CONTROL PANEL (TYPICAL). SEE PANEL SCHEDULES ON SHEET E8, AND "CFA-500" CONTROL PANEL CONNECTION DIAGRAM ON SHEET E-9.
- PROVIDE GFCI TYPE WEATHERPROOF RECEPTACLE MOUNTED ON MAIN SIGN SUPPORT +14" AFG. THIS RECEPTACLE SHALL NOT BE SWITCHED VIA THE SITE SIGNAGE CONTACTOR OR SIGN DISCONNECT SWITCH.
- PROVIDE WEATHERPROOF 20A SPST TOGGLE SWITCH 18" AFG AND CONNECTION TO MAINTENANCE DISCONNECT SWITCH FOR MAIN I.D. SIGN.
- APPROXIMATE LOCATION OF ELECTRICAL UTILITY METER. METER SHALL BE PEDESTAL MOUNTED ADJACENT TO THE UTILITY COMPANY TRANSFORMER. PROVIDE 1-1/4" EMPTY CONDUIT TO TRANSFORMER SECONDARY COMPARTMENT PER UTILITY COMPANY REQUIREMENTS. METER WILL BE FURNISHED AND INSTALLED BY UTILITY COMPANY. METER BASE WILL BE FURNISHED BY UTILITY COMPANY AND INSTALLED BY ELECTRICAL CONTRACTOR. METER PEDESTAL SHALL BE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR. COORDINATE EXACT LOCATIONS AND REQUIREMENTS WITH ELECTRIC UTILITY COMPANY.

ELECTRICAL SYMBOLS

SYMBOL	DESCRIPTION (UNLESS OTHERWISE NOTED ON PLANS)
	UTILITY COMPANY TRANSFORMER, (208 VOLT, 3 PHASE, 4 WIRE SECONDARY)
	S.P.S.T. LIGHT SWITCH (800V AC QUIET TYPE)
	DUPLX RECEPTACLE GROUND FAULT CIRCUIT INTERRUPTER
	CONDUIT HOMERUN TO PANEL
	JUNCTION BOX (SINGLE GANG STEEL WHERE WALL MOUNTED, 4" SQ. STEEL WHERE CEILING MOUNTED, UNLESS NOTED OTHERWISE)
	CONDUIT BURIED BELOW GRADE
	CONCRETE SQUARE TAPERED POLE MOUNTED SITE LIGHTING FIXTURE



2 ES1 EXTERIOR CONDUIT TURN UP DETAIL
SCALE: NONE



FOR CONSTRUCTION



5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark	Date	By
△		
△		
△		

Seal

DENNIS L. MATULA, P.E.
FL REG. # 55194

AA 004830
CA 8060
933 LEE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32810
PH 407.445.5008
FX 407.429.9124

INTERPLAN
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES S03-A
Dolphin Village
4623 Gulf Blvd.
St. Pete Beach
FLORIDA

SHEET TITLE
ELECTRICAL SITE PLAN

DWG EDITION 04.6

Preliminary
 80% Submittal
 For Construction

Job No. : 2004.0055
Store : 1740
Date : 05/13/04
Drawn By : MJ
Checked By : RA

Sheet

ES-1.0



Chick-fil-A

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark Date By

△

Mark Date By

△

Mark Date By

△

Seal

DENNIS L. MATULA, P.E.
FL REG. # 55194

44 004320
CA 96460
943 LEE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32810
PH 407 266 0000
FX 407 267 9124

INTERPLAN
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES S03-A
Dolphin Village
4623 Gulf Blvd.
St. Pete Beach
FLORIDA

SHEET TITLE
ELECTRICAL SITE
PHOTOMETRICS

DWG EDITION 04.6

Preliminary
 80% Submittal
 For Construction

Job No. : 2004.0055

Store : 1740

Date : 05/13/04

Drawn By : MJ

Checked By : RA

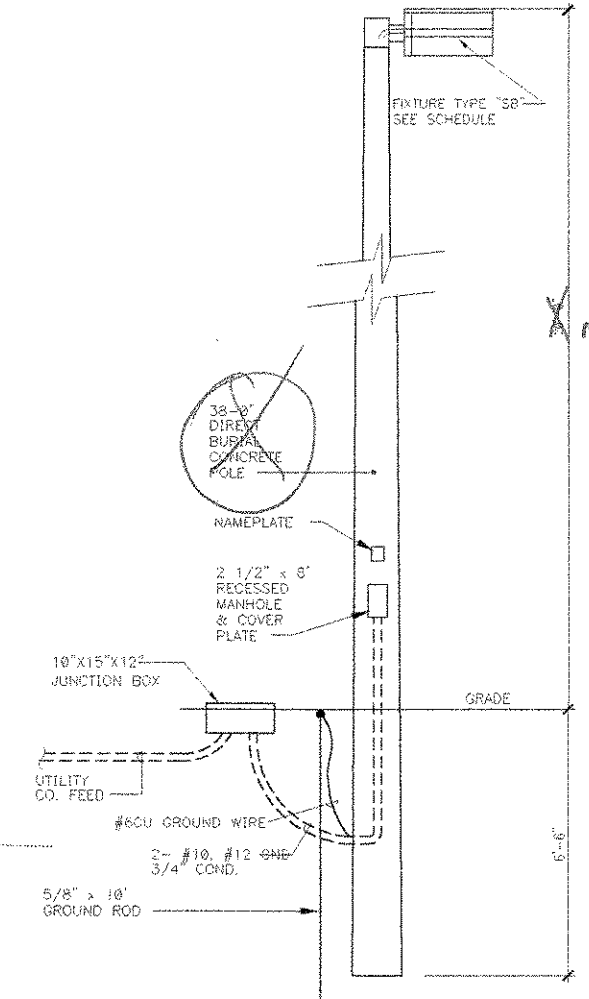
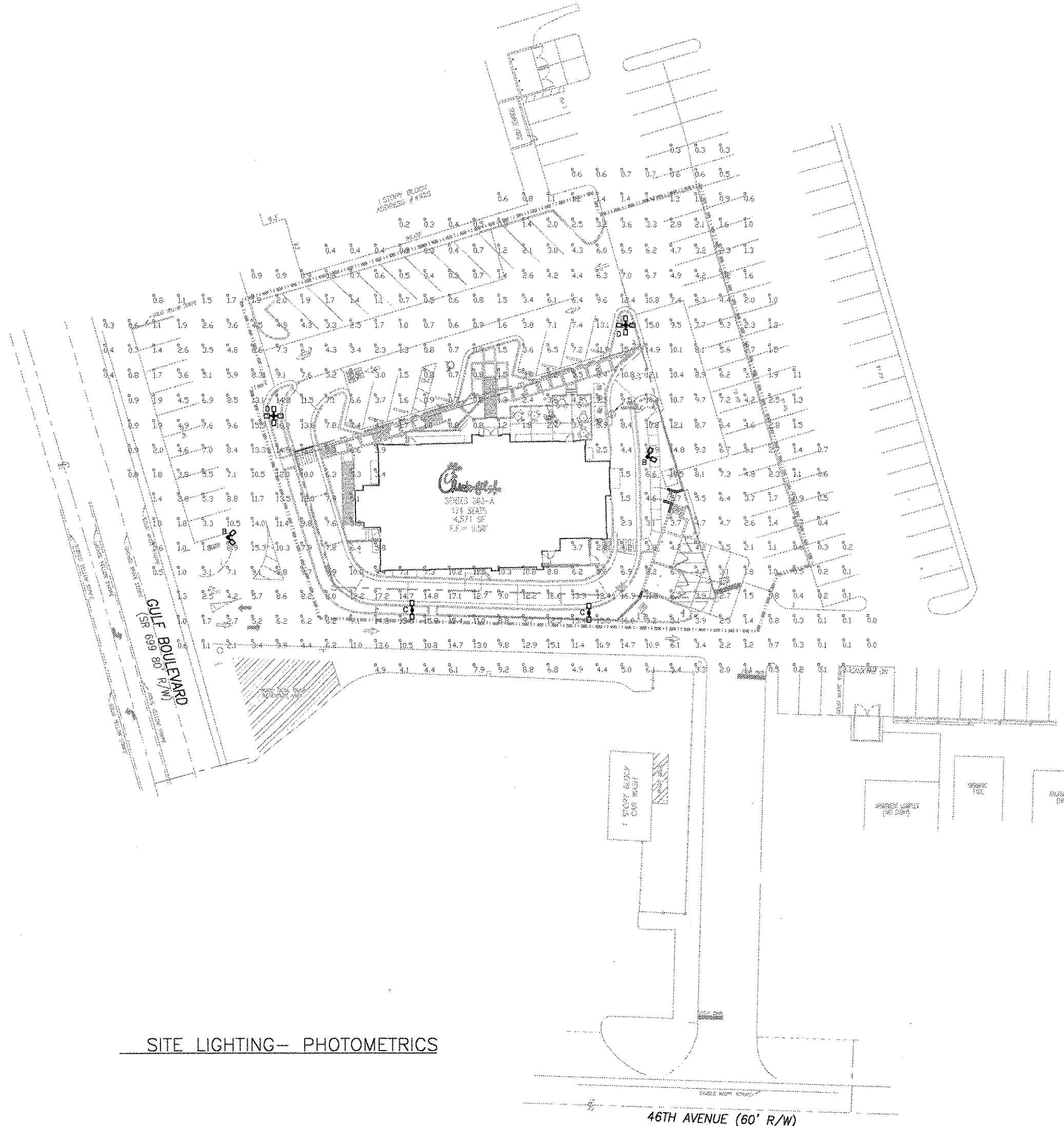
Sheet

ES-2.0

Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens	LLF	Watts
□	A	0	NSP2 400M R4SC	AREA LIGHT WITH TYPE 4, CUTOFF REFLECTOR, FLAT GLASS LENS.	ONE 400-WATT CLEAR ED-28 METAL HALIDE, HORIZONTAL POSITION.	99041301/ES	32000	0.72	482
□	B	2	NSP2 400M R4SC	AREA LIGHT WITH TYPE 4, CUTOFF REFLECTOR, FLAT GLASS LENS.	ONE 400-WATT CLEAR ED-28 METAL HALIDE, HORIZONTAL POSITION.	99041307/ES	32000	0.72	494
□	C	2	NSP2 400M R2SC	AREA LIGHT WITH TYPE 2, CUTOFF REFLECTOR, FLAT GLASS LENS.	ONE 400-WATT CLEAR ED-28 METAL HALIDE, HORIZONTAL POSITION.	99031301/ES	32000	0.72	504
□	D	2	NSP2 400M R4SD	AREA LIGHT WITH TYPE 4, CUTOFF REFLECTOR, FLAT GLASS LENS.	ONE 400-WATT CLEAR ED-28 METAL HALIDE, HORIZONTAL POSITION.	99041301/ES	32000	0.72	1848

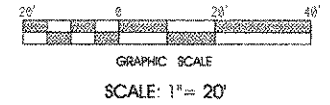
CALCULATION SUMMARY:				
AREA NAME	DIMENSIONS	GRID NAME	SIZE	MAX
New Area		New Grid	4'x 5.2'	17.2'

- NOTES
- LLF = .72
 - Horizontal calculations performed 0'-0" AFF.
 - Calculations done with spacing of 10' x 10'.
 - Mounting height @ 30'
 - Units are foot-candles.



DETAIL FOR SB
POLE FOR LIGHTING STANDARD
NO SCALE

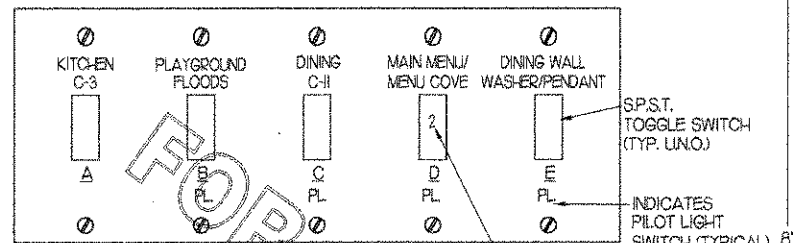
SITE LIGHTING— PHOTOMETRICS



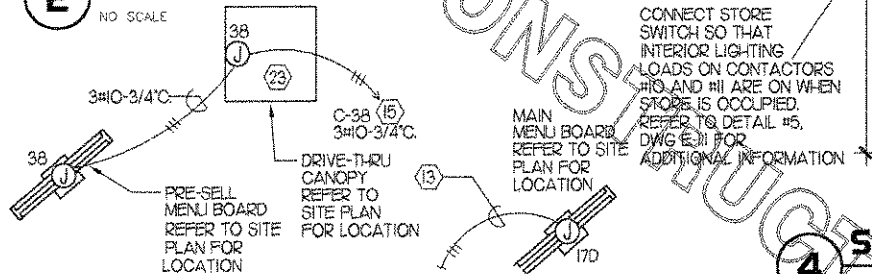
46TH AVENUE (60' R/W)

FOR CONSTRUCTION

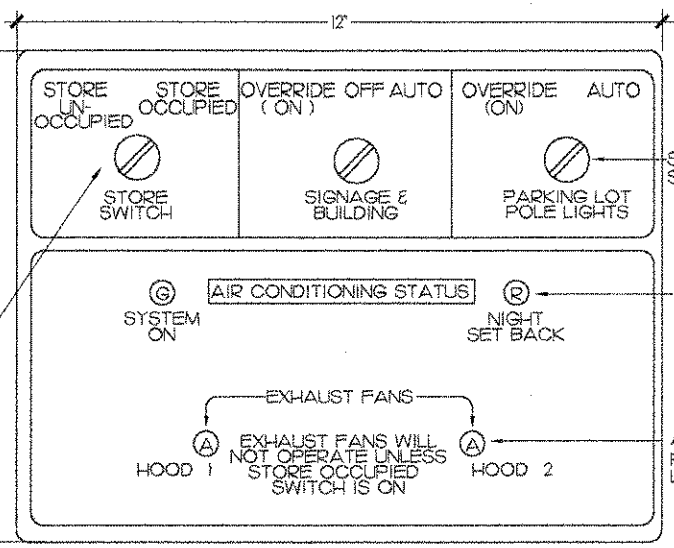
NOTE: LOCATE JUNCTION BOXES IN CEILING SPACE ABOVE THE LOCATION OF THE SWITCH-BANK FOR SPLICING OF LINE, LOAD, AND SWITCHED CONDUCTORS. PROVIDE MINIMUM OF 5 BOXES AND LABEL ALL CONDUCTORS SO AS TO INDICATE THEIR USE (LINE, LOAD, SWITCH), THE LOAD SERVED, AND THE CIRCUIT NUMBER.



2 SWITCH BANK "SB" DETAIL



3 SITE DRIVE THRU CONNECTIONS



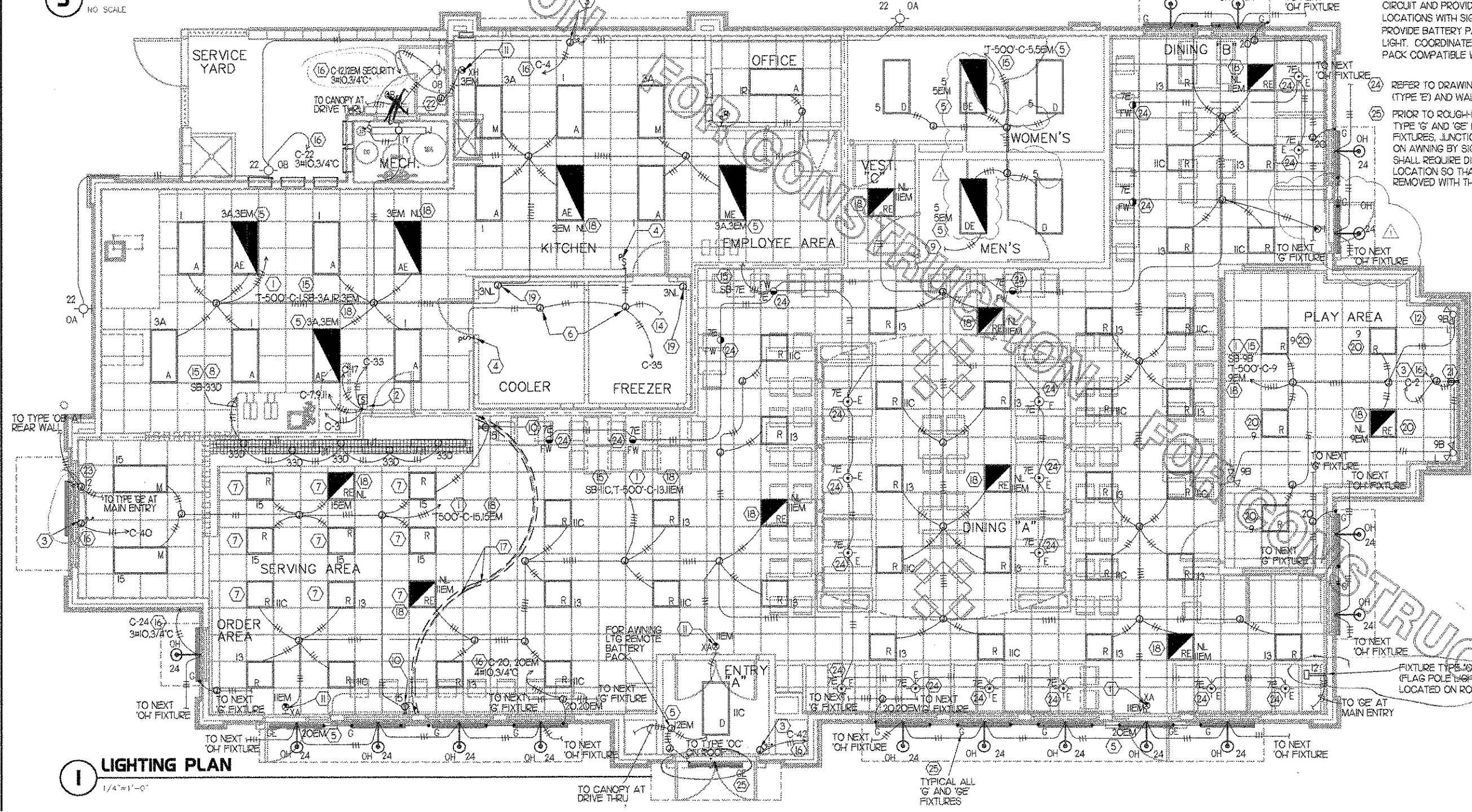
4 STORE OPEN-CLOSE CONTROL SWITCH UNIT

NOTE: UNIT TO BE FURNISHED WITH PANEL BOARD ORDER FROM SUNCOAST ENVIRONMENTAL INC. UNIT SHALL BE INSTALLED AND CONNECTED BY CONTRACTOR IN ACCORDANCE WITH SUNCOAST ENVIRONMENTAL'S WIRING DIAGRAMS.

KEYNOTES (APPLY TO THIS SHEET ONLY)

- 1 ROUTE THROUGH CONTROL PANEL 'T-500' CONTROLLED BY STORE OCCUPIED SWITCH.
- 2 APPROXIMATE LOCATION OF SWITCH BANK 'SB'. SEE DETAIL #2 THIS SHEET FOR MORE INFORMATION.
- 3 FOR SIGNAGE, CONNECT AS REQUIRED. GROUND ALL LOCATIONS IN ACCORDANCE WITH NEC, AND MANUFACTURER'S REQUIREMENTS. SIGN IS FURNISHED WITH INTEGRAL DISCONNECTING MEANS.
- 4 FOR CONTROL OF LIGHTING FIXTURE IN WALK-IN COOLER/FREEZER. FURNISHED WITH EQUIPMENT, INSTALLED BY ELECTRICAL CONTRACTOR.
- 5 CONNECT FIXTURE SO THAT BATTERY PACK IS NOT SWITCHED WITH LIGHTS, BUT ALL LAMPS ARE SWITCHED.
- 6 FOR CONNECTION TO LIGHTING FIXTURES FOR WALK IN COOLER AND WALK IN FREEZER WHICH ARE FURNISHED WITH EQUIPMENT. CONTRACTOR SHALL ROUGH-IN AND CONNECT ALL FIXTURES AS REQUIRED BY THE EQUIPMENT MANUFACTURER. PROVIDE LAMPS IN FIXTURES AS REQUIRED BY EQUIPMENT MANUFACTURER.
- 7 PROVIDE A12 LENS, SMOOTH SIDE DOWN, ABOVE THE PARABOLIC LENS IN ALL TYPE 'R' AND 'RE' FIXTURES IN THE SERVING AREA.
- 8 PROVIDE TUBE GUARDS ON ALL LAMPS IN TYPE 'J' FIXTURES.
- 9 LP TO EF-3 ON ROOF. SEE E-3.0.
- 10 MOUNT RECEPTACLE ABOVE DROPPED CEILING FOR HIDDEN SOFFIT ROPE LIGHT, TYPE 'T'. SEE ARCHITECTURAL DETAIL FOR MOUNTING LOCATION OF ROPE LIGHT.
- 11 CONNECT FIXTURE TO CIRCUIT AHEAD OF ALL SWITCHING AND CONTROLS. THIS FIXTURE SHALL NOT BE SWITCHED.
- 12 INSTALL ALL JUNCTION BOXES IN PLAYGROUND AREA SO THEY WILL BE READILY ACCESSIBLE AFTER THE PLAYGROUND EQUIPMENT IS INSTALLED.

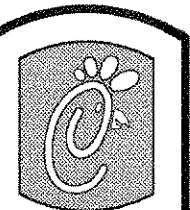
- 13 CONNECT TO CIRCUIT SERVING MENU BOARDS IN SERVING AREA VIA 3#0 IN 3/4". SEE E-4.0 FOR CONTINUATION.
- 14 TO WALK-IN DOOR HEATER REFER TO SHEET E-4.0 FOR CONTINUATION. POWER TO DOOR HEATER SHALL NOT BE SWITCHED.
- 15 ROUTE THROUGH LIGHTING CONTROL SWITCH-BANK 'SB'. SEE DETAIL #2. PROVIDE ADDITIONAL CONSTANT-ON CONDUCTORS WHERE REQUIRED FOR EMERGENCY AND NIGHT LIGHTS.
- 16 ROUTE THROUGH CONTROL PANEL 'T-500'. CONTROLLED BY PROGRAMMABLE TIMESWITCH AND PHOTOCELL.
- 17 FIXTURE TYPE 'T'. MOUNT ABOVE COVE LIGHTING IN 2 ROWS.
- 18 CONNECT FIXTURE SO THAT LAMP BALLAST AND EMERGENCY BALLAST ARE NOT SWITCHED. 'N' ADJACENT TO FIXTURE INDICATES THAT FIXTURE SHALL BE ON 24 HOURS.
- 19 FOR CONNECTION TO LIGHTING FIXTURE FURNISHED WITH FREEZER/COOLER. THIS FIXTURE SHALL NOT BE SWITCHED.
- 20 ORIENT TROFFERS IN THE PLAYGROUND SO THAT THE DOOR WILL OPEN SUFFICIENTLY TO EASILY CHANGE LAMPS.
- 21 LOCATE RECEPTACLE FLUSH IN CEILING FOR CONNECTION TO OWNER FURNISHED INTERIOR NEON SIGN.
- 22 FOR REMOTE HEAD EMERGENCY LIGHTING FIXTURE. CONNECT TO BATTERY IN TYPE 'X' FIXTURE. REFER TO E-11 FOR FIXTURE SCHEDULE.
- 23 CANOPY LIGHTING WILL BE PROVIDED BY THE CANOPY MANUFACTURER. ELECTRICAL CONTRACTOR SHALL CONNECT BRANCH CIRCUIT AND PROVIDE ROUGH-IN FOR LIGHTING. COORDINATE LOCATIONS WITH SIGN CONTRACTOR PRIOR TO ROUGH-IN. PROVIDE BATTERY PACK IN CEILING SPACE OF VESTIBULE FOR AWNING LIGHT. COORDINATE WITH SIGN CONTRACTOR AND PROVIDE BATTERY PACK COMPATIBLE WITH FIXTURE PROVIDED WITH SIGN PACKAGE.



1 LIGHTING PLAN

1/4"=1'-0"

- 24 REFER TO DRAWING A-15 FOR LOCATIONS OF PENDANTS (TYPE 'E') AND WALL WASH (TYPE 'FW') FIXTURES.
- 25 PRIOR TO ROUGH-IN, COORDINATE MOUNTING LOCATIONS OF ALL TYPE 'G' AND 'GE' FIXTURES WITH AWNING ANGLES. MOUNT STRIP FIXTURES, JUNCTION BOXES, AND CONDUIT ON ANGLES MOUNTED ON AWNING BY SIGN CONTRACTOR. REMOVAL OF ANY SINGLE AWNING SHALL REQUIRE DISCONNECTING OF ELECTRICAL SOURCE AT ONE LOCATION SO THAT THE LIGHTING FIXTURES, BOXES AND CONDUIT ARE REMOVED WITH THE AWNING.



Chick-fil-A

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:
Mark Date By
3/17/04 rsg
COORD. REVISIONS

Mark Date By
10/15/04 TG
CLIENT COMMENTS

Mark Date By
10/15/04 TG
CLIENT COMMENTS

Seal

AA 00420
CA 8460
933 LEE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32810
PH 407 655 5006
FX 407 655 9124

INTERPLAN
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES
FSU 03-A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
LIGHTING
PLAN

DWG EDITION 03.8

Job No. : 2004.0255

Store : 1740

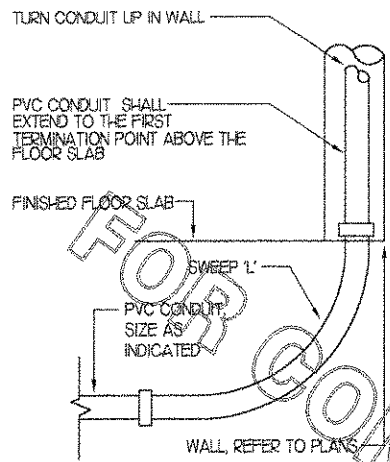
Date : 8/30/04

Drawn By : _____

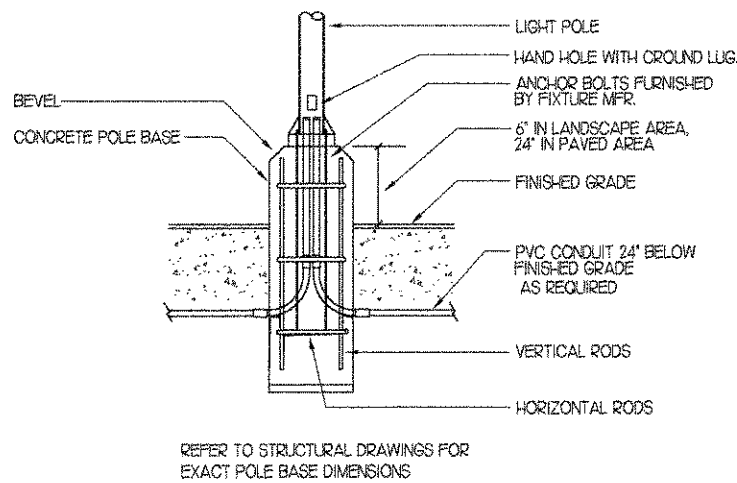
Checked By : _____

Sheet

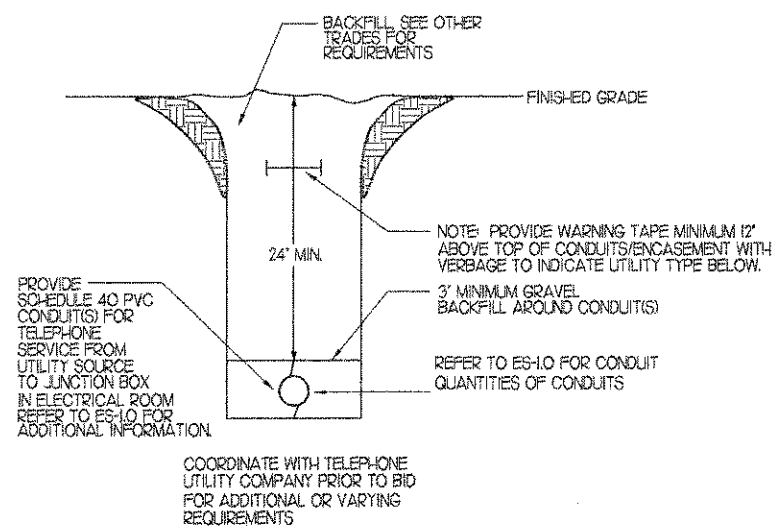
E-1.0



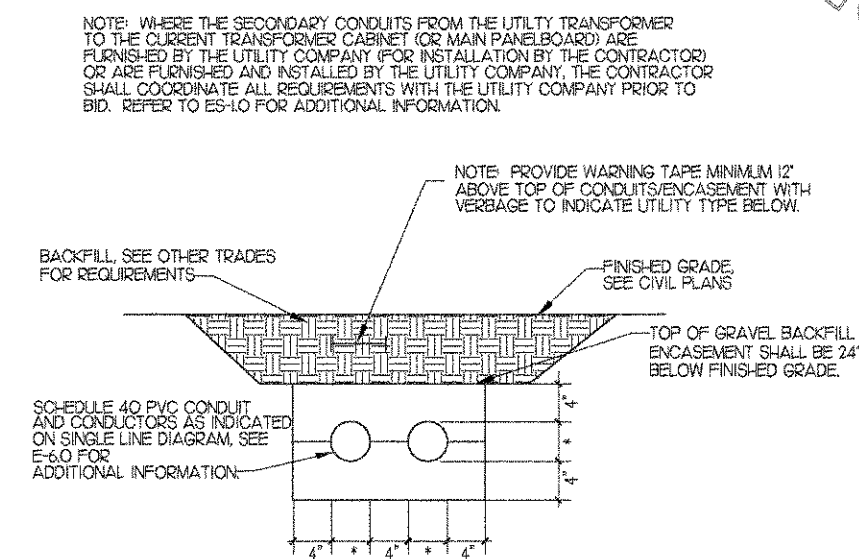
1 INTERIOR PVC CONDUIT DETAIL
NOT TO SCALE



2 TYPICAL POLE BASE DETAIL
NOT TO SCALE



3 TELEPHONE SERVICE CONDUIT DETAIL
NOT TO SCALE



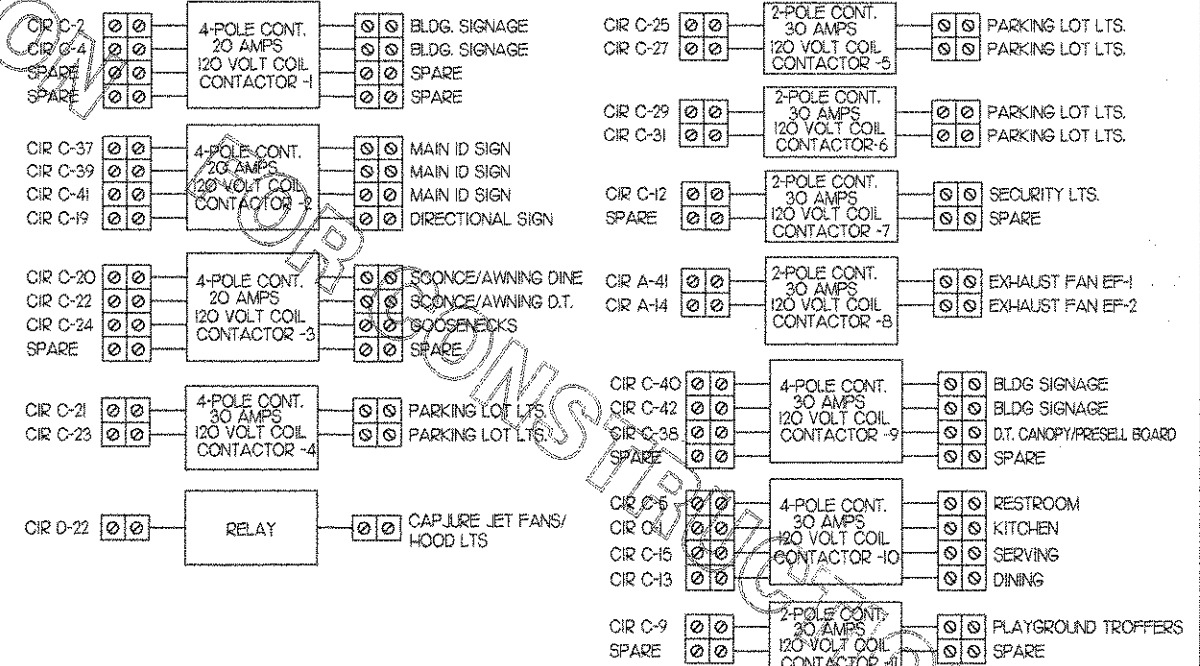
4 ELECTRICAL SERVICE LATERAL CONDUIT DETAIL
NOT TO SCALE

LIGHTING FIXTURE SCHEDULE

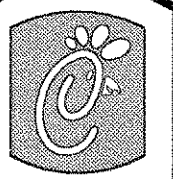
(CONTRACTOR SHALL PURCHASE ALL FIXTURES AND LAMPS THROUGH A NATIONAL ACCOUNT PROGRAM AS NOTED BELOW)

MARK	MANUFACTURER	CATALOG NUMBER	NO. LAMPS/TYPE	WATTS	VOLTS	MOUNTING	REMARKS
A	LITHONIA	26TB-G-4-32-AI2V-120-I/4GEB	4/F32T8-SP35	114	120	RECESSED	RECESSED 2X4', STATIC TROFFER, SMOOTH SIDE LENS DOWN
AE	LITHONIA	26TB-G-4-32-AI2V-120-I/4GEB-EL	4/F32T8-SP35	114	120	RECESSED	RECESSED 2X4', STATIC TROFFER, SMOOTH SIDE LENS DOWN, W/ EMERGENCY BATTERY PACK
D	LITHONIA	2PM3N-F-B-2-32-12ND-120-GEB	2/F32T8-SP35	62	120	RECESSED	RECESSED, 12 CELL 2X4' PARABOLIC TROFFER, FLANGE
DE	LITHONIA	2PM3N-F-B-2-32-12ND-120-GEB-EL	2/F32T8-SP35	62	120	RECESSED	RECESSED, 12 CELL 2X4' PARABOLIC TROFFER, FLANGE, BATTERY PACK
E	LIGHTWAY	CFA100A-INC-PENDANT-AMBER	50W/PAR20/HAL	50	120	PENDANT	MAINTAIN FACTORY SET CORD LENGTH, GLASS PENDANT, BOTTOM OF PENDANT TO BE AT 5'-6" AFF. SEE A1.5 FOR LOCATIONS
FW	LITHONIA	AFVWH8TRT-5AR-MVOLT-EOL-TRW	1/F18TBXSPX35-A-4P-EOL	18	120	RECESSED	INTERIOR WALL WASH, ALZAK REFLECTOR, WALL WASH MURAL. SEE A1.5 FOR LOCATIONS
G	LITHONIA	C-232-120-TUBI-AL	2/F32T8-SP35	62	120	SURFACE	STRIP FIXTURE, ZERO DEGREE BALLAST, COORD. MOUNT ON AWNING ANGLE W/SIGN CONTRACTOR
GE	LITHONIA	C-232-120-TUBI-AL-EM	2/F32T8-SP35	62	120	SURFACE	STRIP FIXT., ZERO DEG. BALLAST, COORD MOUNT ON AWNING ANGLE W/ SIGN CONTR., REMOTE EM. BATT. IN VEST.
G1	LITHONIA	C-232-120-TUBI-AL-WGCLN	2/F32T8-SP35	62	120	SURFACE	STRIP FIXTURE WITH WIRE GUARD, ZERO DEGREE BALLAST, MOUNT ABOVE STG. ROOM DOOR.
J	LITHONIA	CA-132-120-GEB	1/F32T8-SP35	39	120	WALL	MT. ABOVE DOOR IN STORAGE ROOM
J1	LITHONIA	S-132-120-GEB	1/F32T8-SP35	39	120	COVE	MT. IN MENUBOARD COVE, PROVIDE TUBE GUARDS ON ALL LAMPS
K	LIGHTWAY	CFA60A-INC-SCONCE-AMBER	1/40BM OD4	40	120	WALL	SCONCE, MOUNT 5'-6" TO CENTERLINE OF FIXTURE
L	REMCRAFT	205H-BLACK-DOUBLE-BULLETT	2/75W PAR30L-H-FL25	150	120	WALL	AIM AT PLAYGROUND AFTER DARK FOR ILLUMINATION AS DIRECTED BY OWNER, MNT 8' BELOW CLG OR MOUNT ON CEILING WHERE NOTED. <i>11'-6"</i>
M	LITHONIA	26TB-G-232-AI2V-120-GEB	2/F32T8-SP35	62	120	RECESSED	RECESSED 2X4', STATIC TROFFER, SMOOTH SIDE LENS DOWN
ME	LITHONIA	26TB-G-232-AI2V-120-GEB-EL	2/F32T8-SP35	62	120	RECESSED	RECESSED 2X4', STATIC TROFFER, SMOOTH SIDE LENS DOWN, BATTERY PACK
R	LITHONIA	2PM3N-G-B-2-CF40-6ND-120-GEB	2/F40-30BX-WPX35	70	120	RECESSED	2X2, 6 CELL PARABOLIC TROFFER, GRID
RE	LITHONIA	2PM3N-G-B-2-CF40-6ND-120-GEB-EL	2/F40-30BX-WPX35	70	120	RECESSED	2X2, 6 CELL PARABOLIC TROFFER, GRID, WITH BATTERY PACK
RF	LITHONIA	2PM3N-F-B-2-CF40-6ND-120-GEB	2/F40-30BX-WPX35	70	120	RECESSED	2X2, 6 CELL PARABOLIC TROFFER, FLANGE
T	CELESTIAL	1/2" RL	0.5 WATT LAMPS 15' O.C.	168	120	COVE	FLEXIBLE TUBE LIGHTING FIXTURE WITH POWER CONNECTOR AND CLIPS, 2-ROWS, LENGTH AS SHOWN SECURE TO LEDGE ABOVE THE CEILING COVE ON 1 FT CENTERS
XA	LITHONIA	LHQM-S-W-HR-120	FURN W/ FIXTURE	4	120	WALL	EXIT SIGN WITH EMERGENCY BATTERY AND EMERGENCY LIGHTING UNIT
XH	LITHONIA	LHQM-S-W-HR-120-HO-ELA NX H0606	FURN W/ FIXTURE	4	120	WALL	EXIT SIGN WITH EMERGENCY BATTERY, EMERGENCY LIGHTING UNIT & REMOTE EXTERIOR FIXTURE
Y	LIGHTWAY	CFA100M-LUD-SCONCE-120V	1/MXR100-U-MED	130	120	WALL	MOUNT 17'-5 1/2" FT ABOVE FINISHED FLOOR TO CENTER LINE OF FIXTURE
OB	LITHONIA	TWA-100M-120-ELP	1/MPI00W/UJVS/PS	130	120	WALL	MNT 10'-6" ABOVE O'-O' TO CENTERLINE ABOVE DOORS, MNT 8'-0" A. F. G. AT REFUSE AREA
OC	LITHONIA	TFR-400M-TA-TBHS FOR 2" PIPE SUPPORT	1/MVR400U	465	120	ON PIPE	FLOODLIGHT MOUNTED ON ROOF, PIPE SUPPORT BY OTHERS, ADJUST AT NIGHT
OD	LITHONIA	LUMINAIRE: KSF2-400M-R4W-120-SP05-L/HP	1/MVR400U	456	120	25 FOOT POLE	SEE SITE PLAN ES-1.0 FOR MOUNTING ARRANGEMENTS, OPTICS ROTATED TOWARD BUILDING CONFIGURATION. VERIFY POLE AND CONCRETE
		VERIFY QTY & ANCHOR BOLT SET: #ABS55-5	PER LUMINAIRE	EA.			BASE CONSTRUCTION FOR SITE GEOLOGY AND GEOGRAPHIC WIND LOADING AT SIDE
		LUMINAIRE MOUNTING: # SSS-25-5C-DM28-BC-NACF-L/AB DRILL MOUNT WITH ES-1.0					FIXTURES ON POLE, ALL PARTS TO BE DARK BRONZE
OG	SEE ES-1.0						OPTIONAL SITE LIGHTING FIXTURE AND POLE AS INDICATED ON ELECTRICAL SITE PLAN
OS	SPERO	SN612-G2-3/4-42WTT-ECF4IPR/BC-WM-42WCFSC-GN23-SPA3/4/G2	1/42WTT-SP35	45	120	WALL	COMPACT FLUORESCENT GOOSENECK WALL FIXTURE, MT 16'-6" AFF. REFER TO DETAIL #4, DRAWING A21. <i>16'-0"</i>

PURCHASE LIGHTING PACKAGE THROUGH LIGHTING ASSOC. AS A PART OF A NATIONAL ACCOUNTS BUYING PROGRAM. CONTACT LIGHTING ASSOCIATES AT 1-888-409-6647 OR FAX 1-770-263-0189, 2245 BUTTON GWINNETT DR, DORAVILLE GA 30340.



5 CFA-500 CONTROL PANEL CONNECTION DIAGRAM
NOT TO SCALE



Chick-fil-A

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:
Mark Date By

△

Mark Date By

△

Mark Date By

△

Seal

AA 004320
CA 9660
933 LEE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32810
PH 407.645.8018
FX 407.659.9124

INTERPLAN
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES
FSU 03-A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
FIXTURE SCHED.
AND DETAILS

DWG EDITION 03.8

Job No. : 2004.0255

Store : 1740

Date : 8/30/04

Drawn By : _____

Checked By : _____

Sheet

E-11

**KEY NOTES - SYSTEMS:
COMMUNICATIONS NOTES:**

(C1) PROVIDE JUNCTION BOX WITH STAINLESS STEEL COVER PLATE AND STANDARD HOLE IN PLATE FOR MICROPHONE. EXTEND 1" E.C. FROM JUNCTION BOX DOWN THROUGH SLAB AND BELOW GRADE TO DRIVE-THRU MENUBOARD SPEAKER AND DETECTOR LOOP. EXTEND 1" E.C. FROM JUNCTION BOX UP IN WALL TO ABOVE CEILING.

(C2) PROVIDE JUNCTION BOX, LESS COVER PLATE, AND EXTEND 1" E.C. UP IN WALL TO ABOVE CEILING FOR INSTALLATION OF WIRELESS COMMUNICATION CONTROL UNIT.

MUSIC NOTES:

(M1) PROVIDE JUNCTION BOX WITH STAINLESS STEEL COVER PLATE AND 3/4" HOLE IN PLATE WITH GROMMET ON HOLE IN PLATE. EXTEND 3/4" E.C. UP IN WALL TO ABOVE CEILING FOR MUSIC SYSTEM.

P.O.S. SYSTEM NOTES:

- (R1) PROVIDE 3" CONDUIT WITHOUT COVERPLATES.
- (R2) PROVIDE JUNCTION BOX FOR TERMINATION OF 1" CONDUIT. PROVIDE 1" CONDUIT EXTENDING FROM CEILING AND TERMINATED AT JUNCTION BOX. ELECTRICIAN SHALL PROVIDE COVER PLATE ON BOX WITH 1" HOLE.
- (R3) PROVIDE CUSTOM STAINLESS STEEL COVER PLATE WITH GROMMET ON 2" HOLE IN PLATE FOR TERMINATION OF 2" CONDUIT. TERMINATE CONDUIT FLUSH WITH SURFACE OF WALL.
- (R4) PROVIDE ONE 2" CONDUIT FROM FACE OF WALL AND EXTEND CONDUIT TO ACCESSIBLE CEILING SPACE ABOVE SERVING AREA. CONDUIT SHALL TERMINATE FLUSH WITH FACE OF WALL.
- (R5) PROVIDE JUNCTION BOX FOR TERMINATION OF 1" CONDUIT. PROVIDE 1" CONDUIT EXTENDING FROM CEILING AND TERMINATED AT JUNCTION BOX. POS SYSTEM SUPPLIER WILL PROVIDE COVER PLATE ON BOX.
- (R6) PROVIDE SINGLE GANG EXTRA DEEP JUNCTION BOX MOUNTED ON ANGLE WITHIN FRONT SERVING COUNTER. MOUNT BOX ADJACENT TO THE SIMPLEX RECEPTACLE FOR EQUIPMENT #201. DO NOT MOUNT BOX BETWEEN EQUIPMENT 201 AND EQUIPMENT 200 RECEPTACLES.

SECURITY NOTES:

- (S1) PROVIDE SINGLE GANG JUNCTION BOX AND STAINLESS STEEL COVER PLATE WITH 7/8" HOLE IN CENTER. EXTEND 1" E.C. UP IN WALL TO ABOVE ACCESSIBLE CEILING.
- (S2) PROVIDE 4"W X 4"H X 3"D JUNCTION BOX WITHOUT COVERPLATE. EXTEND 2" RIGID E.C. UP TO ABOVE ACCESSIBLE OFFICE CEILING AREA. PROVIDE BUSHING ON E.C. CONNECT NOTE (S2) JUNCTION BOX TO NOTE 5 JUNCTION BOX VIA 1/2" RIGID E.C.
- (S3) PROVIDE 4"W X 4"H X 3" D JUNCTION BOX WITHOUT COVERPLATE. EXTEND 2" RIGID E.C. UP TO ABOVE ACCESSIBLE OFFICE CEILING AREA. EXTEND 2" RIGID E.C. DOWN THROUGH SLAB AND BELOW GRADE TO REMOTE CAMERA LOCATION. USE ONLY LONG SWEEPS, 3 FEET PER 90 DEGREES. SEE ELECTRICAL SITE PLAN FOR CONTINUATION.
- (S4) PROVIDE SINGLE GANG WEATHER-PROOF JUNCTION BOX AND STAINLESS STEEL PLATE WITH 7/8" HOLE IN CENTER. MOUNT AT APPROXIMATELY 48" AFF. EXTEND 1/2" RIGID E.C. TO ABOVE ACCESSIBLE CEILING. SEAL PENETRATION AT FREEZER/COOLER ENVELOURE CEILING.
- (S5) PROVIDE SINGLE GANG BOX WITHOUT COVER PLATE. EXTEND 1/2" E.C. UP IN WALL TO ABOVE ACCESSIBLE CEILING.
- (S6) PROVIDE SINGLE GANG JUNCTION BOX ON INSIDE FACE OF PARAPET WALL APPROXIMATELY 12" BELOW TOP OF PARAPET WALL. EXTEND 1/2" E.C. DOWN TO ABOVE ACCESSIBLE OFFICE CEILING.
- (S7) EXTEND 1/2" RIGID E.C. FROM TOP OF STRIKE-SIDE DOOR FRAME CHANNEL TO ABOVE ACCESSIBLE EMPLOYEE AREA CEILING.
- (S8) EXTEND 1/2" RIGID E.C. FROM A POINT 3" WITHIN EITHER HINGE-SIDE DOOR VERTICAL FRAME MULLION TO ABOVE ACCESSIBLE CEILING.
- (S9) PROVIDE SINGLE GANG JUNCTION BOX WITHOUT COVERPLATE. EXTEND 1/2" E.C. UP IN WALL TO ABOVE ACCESSIBLE CEILING.
- (S10) PROVIDE SINGLE GANG WEATHER-PROOF JUNCTION BOX WITH STAINLESS STEEL COVER PLATE MOUNTED 18" FROM THE CORNER OF THE SERVICE YARD AND JUST BELOW ROOF DECK MOUNTING BRACKETS. ROUTE 1" EMT CONDUIT FROM THE BOX SURFACE MOUNTED JUST BELOW THE ROOF DECK MOUNTING BRACKETS AND TERMINATE THE CONDUIT AT (S10).

(S11) EXTEND 1/2" RIGID E.C. FROM A POINT 3" WITHIN STRIKE-SIDE WINDOW FRAME MULLION TO ABOVE ACCESSIBLE CEILING.

(S12) PROVIDE SINGLE GANG WEATHER-PROOF JUNCTION BOX WITH STAINLESS STEEL COVER PLATE MOUNTED JUST ABOVE THE STRIKE SIDE OF OUTSIDE DOOR ON INSIDE OF SERVICE YARD. ROUTE 1" EMT CONDUIT SURFACE MOUNTED FROM BOX JUST BELOW THE ROOF DECK MOUNTING BRACKETS. TERMINATE CONDUIT IN THE ACCESSIBLE CEILING SPACE INSIDE THE BUILDING.

(S13) EXTEND 1/2" RIGID E.C. FROM A POINT 3" WITHIN STRIKE-SIDE DOOR FRAME MULLION TO ABOVE ACCESSIBLE CEILING.

KEY NOTES - POWER:

- (1) PROVIDE OCTAGONAL JUNCTION BOX FOR ANSUL SYSTEM PULL STATION. EXTEND 1/2" CONDUIT TO ABOVE CEILING FROM BOX.
- (2) PROVIDE EDWARDS #340-4N5 VIBRATING 4" DIAMETER BELL. BELL SHALL BE RATED AT 120 VOLTS.
- (3) PROVIDE 120 VOLT, STAINLESS STEEL WEATHER-PROOF DOORBELL PUSH-BUTTON AT DOOR. PUSH-BUTTON SHALL BE SURFACE MOUNTED. PROVIDE EDWARDS #850 PUSH-BUTTON IN BOX WITH EDWARDS #149-1 STAINLESS STEEL PLATE.
- (4) TELEPHONE SERVICE ENTRANCE CONDUITS. EXTEND WITH PULL STRING FROM TELEPHONE SERVICE J-BOX IN MECHANICAL ROOM TO THE TELEPHONE UTILITY SOURCE. REFER TO ES-10 FOR LOCATION OF UTILITY SOURCE. REFER TO KEY NOTE-POWER NOTE 5 BELOW FOR CONDUIT CONTINUATION.
- (5) PROVIDE 4"W X 4"H X 3"D JUNCTION BOX WITHOUT COVERPLATE. EXTEND 2" RIGID E.C. DOWN THROUGH SLAB TO MECHANICAL ROOM AT THE TELEPHONE POINT OF DEMARCATION. EXTEND 1" RIGID E.C. TO ABOVE ACCESSIBLE OFFICE AREA CEILING.
- (6) PROVIDE SINGLE NEMA 5-15R RECEPTACLE AT 7'-6" AFF. TO CENTERLINE FOR CONNECTION TO FLY SYSTEM. EQUIPMENT #734. WHERE THE NATIONAL ELECTRICAL CODE REQUIRES GROUND FAULT PROTECTION IN THE KITCHEN FOR THIS EQUIPMENT, A GROUND FAULT BREAKER SHALL BE PROVIDED.
- (7) TAMPER RESISTANT RECEPTACLE IN PLAYGROUND SHALL BE COOPER #TR8200GY.
- (8) ISOLATED GROUND RECEPTACLE. SEE DETAIL #1 ON SHEET E-5.0

(9) ROUTE ISOLATED GROUND CONDUCTOR DIRECT AND UNBROKEN TO "MDP" GROUND BUS. CONDUCTOR TO BE GREEN WITH YELLOW STRIPE.

(10) PROVIDE 2 GANG BOX AND CONDUIT ROUGH-IN FOR EACH DUCT SMOKE DETECTOR INDICATED ON THE MECHANICAL DRAWINGS FOR INSTALLATION OF DUCT DETECTOR REMOTE ANNUNCIATORS BY OTHERS.

(11) PROVIDE 6"W X 6"W X 3"D INCOMING TELEPHONE SERVICE JUNCTION BOX AT 5 FT AFF. EXTEND 2" E.C. WITH PULL STRING FROM THIS BOX TO THE NOTE 5 JUNCTION BOX IN THE OFFICE. ROUTE THE 2" E.C. BELOW THE SLAB. PROVIDE #6 AWG INSULATED CU GROUND WIRE IN 3/4" C TO GROUND BUS IN PANEL "MDP".

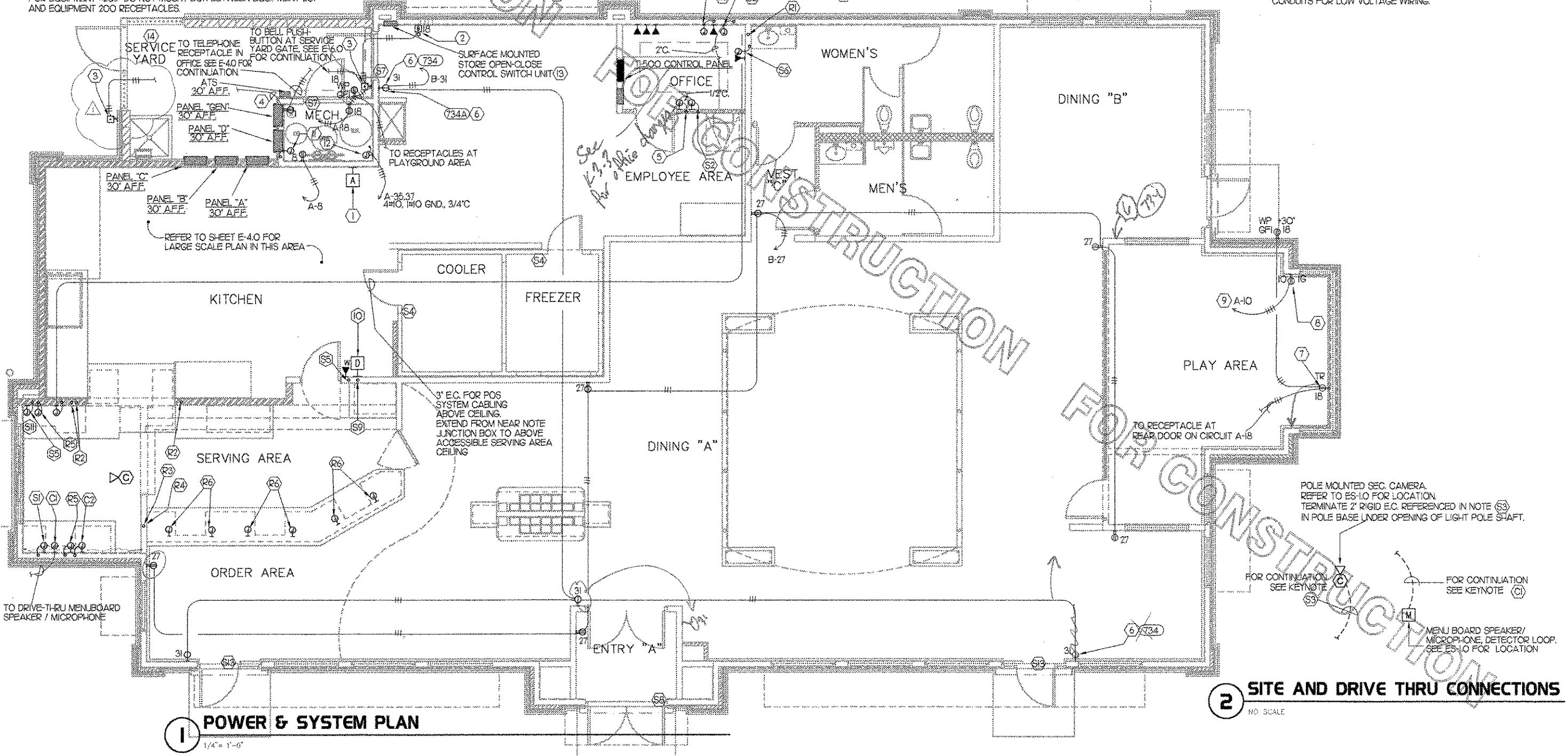
(12) FOR CONNECTION TO BOOSTER PUMP. REFER TO P-2.0 FOR ADDITIONAL INFORMATION. STARTER/DISCONNECT IS FURNISHED BY MECHANICAL CONTRACTOR.

(13) CONNECT STORE OPEN-CLOSE UNIT SWITCH TO CFA T-500 CONTROL PANEL VIA 6#2 IN 1" CONDUIT AND IN ACCORDANCE WITH SUNCOAST ENVIRONMENTAL INC. WIRING DIAGRAMS.

(14) REFER TO DRAWING E-6.0 FOR SERVICE YARD CONFIGURATION AND ELECTRICAL REQUIREMENTS AT THE SERVICE YARD.

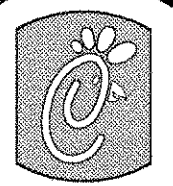
GENERAL NOTES:

- 1. ALL SECURITY, POS, MUSIC, COMMUNICATIONS, AND POWER ROUGH-IN SHALL BE INSTALLED DURING THE FRAMING/ROUGH-IN PHASE OF CONSTRUCTION.
- 2. REFER TO K SHEETS FOR EQUIPMENT ELECTRICAL ROUGH-IN ELEVATIONS ABOVE FINISHED FLOOR.
- 3. ALL EMPTY CONDUITS SHALL BE PROVIDED WITH PULL STRING.
- 4. PROVIDE INSULATED BUSHINGS AT TERMINATION POINTS OF ALL CONDUITS FOR LOW VOLTAGE WIRING.



1 POWER & SYSTEM PLAN
1/4" = 1'-0"

2 SITE AND DRIVE THRU CONNECTIONS
NO SCALE



5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:		
Mark	Date	By
▲	9/17/04	rea
COORD. REVISIONS		
Mark	Date	By
▲		
Mark	Date	By
▲		
Seal		
AA 004320 CA 8660 933 LEE ROAD, FIRST FLOOR CRAWFORD, FLORIDA 32013 PH 407 649 5100 FX 407 629 9124		
INTERPLAN ARCHITECTURE ENGINEERING INTERIOR DESIGN PROJECT MANAGEMENT		
STORE SERIES FSU 03-A		
DOLPHIN VILLAGE 4623 GULF BLVD. ST. PETE BEACH, FL		
SHEET TITLE POWER & SYSTEMS PLAN & NOTES		
DWG. EDITION 03.8		
Job No. : 2004.0255 Store : 1740 Date : 8/30/04 Drawn By : Checked By :		
Sheet E-2.0		

FOR CONSTRUCTION

FOR CONSTRUCTION

FOR CONSTRUCTION

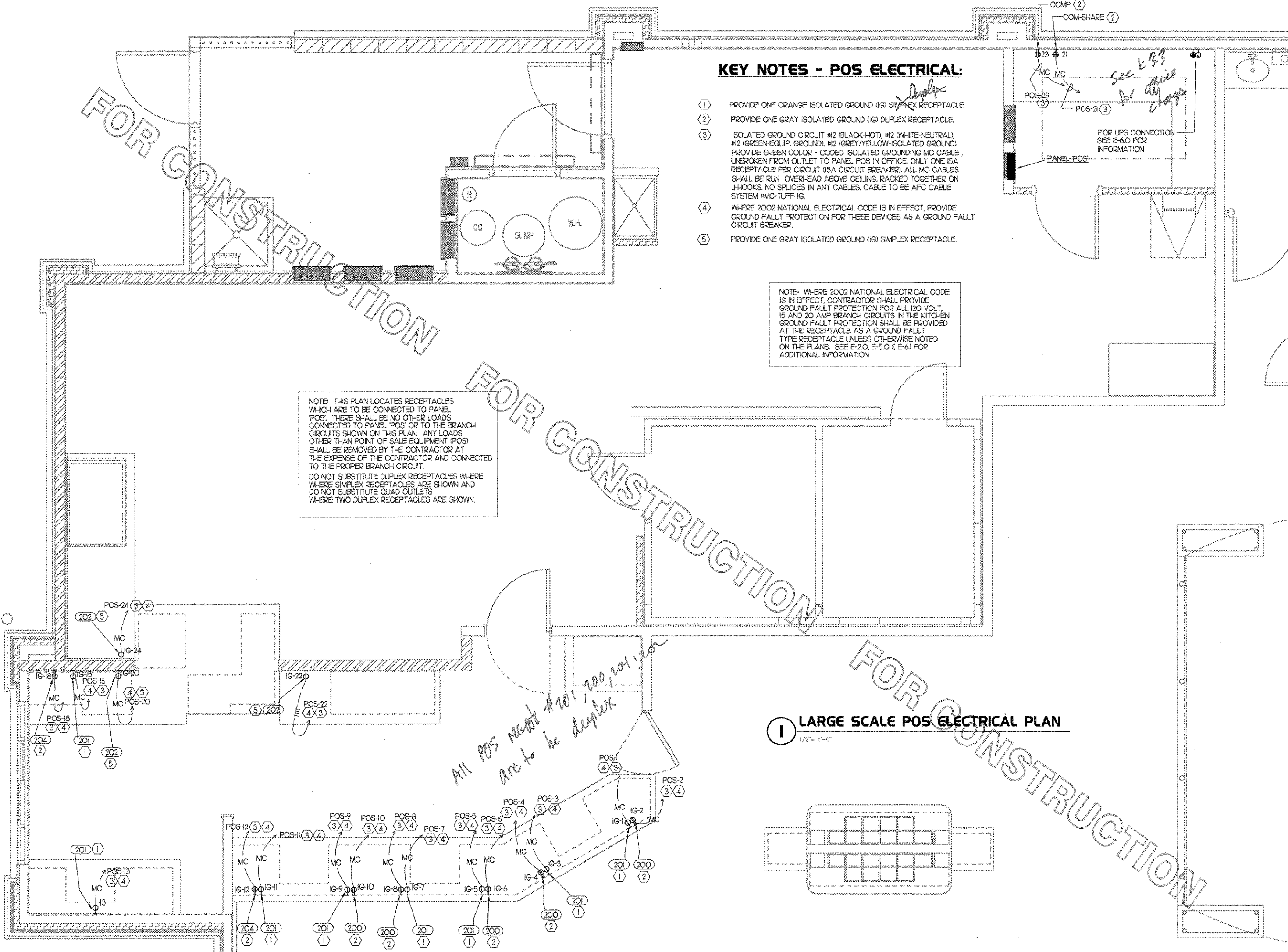
KEY NOTES - POS ELECTRICAL:

- ① PROVIDE ONE ORANGE ISOLATED GROUND (IG) SIMPLEX RECEPTACLE.
- ② PROVIDE ONE GRAY ISOLATED GROUND (IG) DUPLEX RECEPTACLE.
- ③ ISOLATED GROUND CIRCUIT #12 (BLACK-HOT), #12 (WHITE-NEUTRAL), #12 (GREEN-EQUIP. GROUND), #12 (GREY/YELLOW-ISOLATED GROUND). PROVIDE GREEN COLOR - CODED ISOLATED GROUNDING MC CABLE, UNBROKEN FROM OUTLET TO PANEL POS IN OFFICE. ONLY ONE 15A RECEPTACLE PER CIRCUIT (15A CIRCUIT BREAKER). ALL MC CABLES SHALL BE RUN OVERHEAD ABOVE CEILING, RACKED TOGETHER ON J-HOOKS. NO SPLICES IN ANY CABLES. CABLE TO BE AFC CABLE SYSTEM #MC-TUFF-IG.
- ④ WHERE 2002 NATIONAL ELECTRICAL CODE IS IN EFFECT, PROVIDE GROUND FAULT PROTECTION FOR THESE DEVICES AS A GROUND FAULT CIRCUIT BREAKER.
- ⑤ PROVIDE ONE GRAY ISOLATED GROUND (IG) SIMPLEX RECEPTACLE.

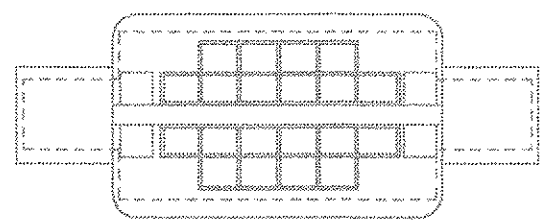
NOTE: WHERE 2002 NATIONAL ELECTRICAL CODE IS IN EFFECT, CONTRACTOR SHALL PROVIDE GROUND FAULT PROTECTION FOR ALL 120 VOLT, 15 AND 20 AMP BRANCH CIRCUITS IN THE KITCHEN. GROUND FAULT PROTECTION SHALL BE PROVIDED AT THE RECEPTACLE AS A GROUND FAULT TYPE RECEPTACLE UNLESS OTHERWISE NOTED ON THE PLANS. SEE E-2.0, E-5.0 & E-6.1 FOR ADDITIONAL INFORMATION

NOTE: THIS PLAN LOCATES RECEPTACLES WHICH ARE TO BE CONNECTED TO PANEL POS. THERE SHALL BE NO OTHER LOADS CONNECTED TO PANEL POS OR TO THE BRANCH CIRCUITS SHOWN ON THIS PLAN. ANY LOADS OTHER THAN POINT OF SALE EQUIPMENT (POS) SHALL BE REMOVED BY THE CONTRACTOR AT THE EXPENSE OF THE CONTRACTOR AND CONNECTED TO THE PROPER BRANCH CIRCUIT. DO NOT SUBSTITUTE DUPLEX RECEPTACLES WHERE SIMPLEX RECEPTACLES ARE SHOWN AND DO NOT SUBSTITUTE QUAD OUTLETS WHERE TWO DUPLEX RECEPTACLES ARE SHOWN.

All POS recept #201, 200, 201, 200 are to be duplex



1 LARGE SCALE POS ELECTRICAL PLAN
1/2" = 1'-0"



Chick-fil-A

5200 Buffington Rd.
Atlanta, Georgia,
30349-2998

Revisions:

Mark Date By

△

Mark Date By

△

Mark Date By

△

Seal

AA 00430
CA 8460
938 LEE ROAD, FIRST FLOOR
CRAWFORD, MISSISSIPPI
PL 392 445-5038
FX 607 629-9124

INTERPLAN
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES
FSU 03-A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
LARGE SCALE POS
ELECTRICAL PLAN

DWG EDITION 03.8

Job No. : 2004.0255

Store : 1740

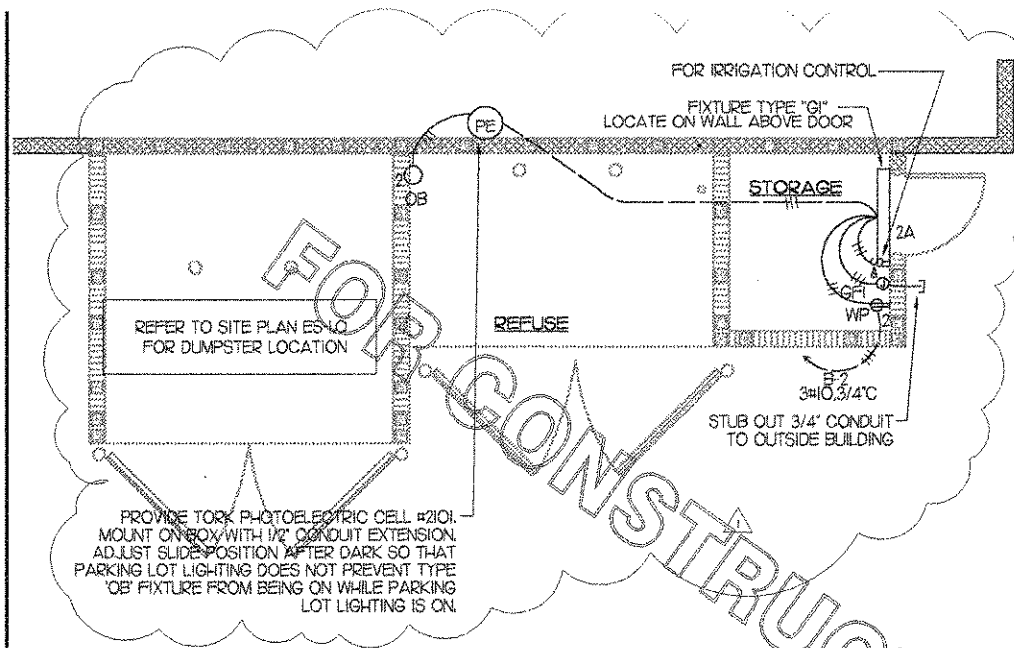
Date : 8/30/04

Drawn By : _____

Checked By : _____

Sheet

E-2.1



2 REFUSE ENCLOSURE PLAN - ELECTRICAL

1/4" = 1'-0"

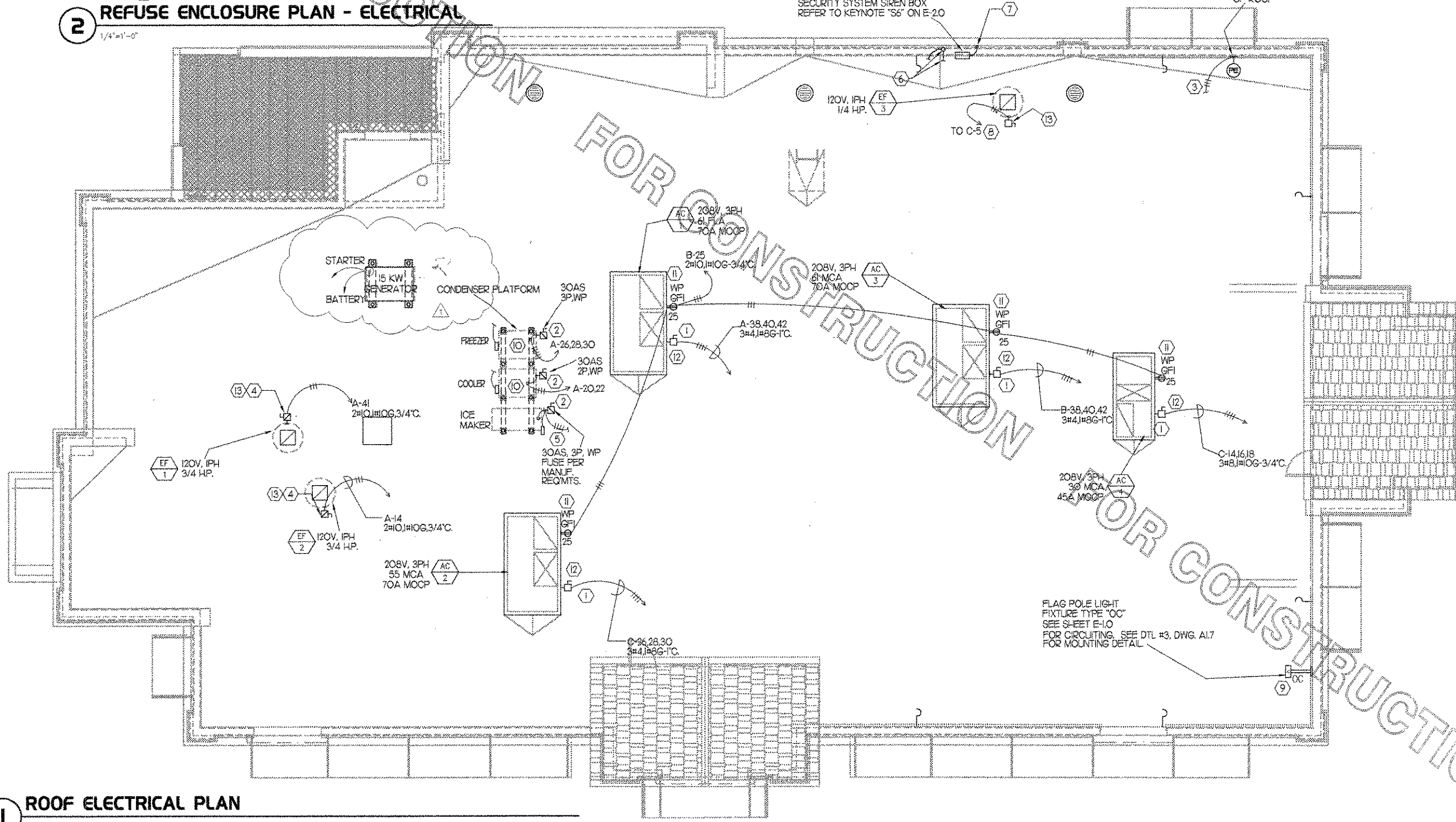
KEY NOTES:

- 1 ROUTE ELECTRICAL CONDUITS TO UNIT CONNECTIONS THROUGH WEATHER-PROOF RACEWAY FURNISHED WITH UNIT. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT LOCATIONS.
- 2 MOUNT DISCONNECT SWITCHES FOR CONDENSERS ON UNISTRUT. FUSE PER MANUFACTURER REQUIREMENTS.
- 3 CONNECT PHOTOCELL TO CONTROL PANEL T-500 TERMINALS AS DIRECTED BY SUNCOAST ENVIRONMENTAL INC. WIRING DIAGRAMS. PHOTO-CELL FURNISHED WITH PANELBOARD ORDER AND INSTALLED BY CONTRACTOR.
- 4 COORDINATE EXACT LOCATION OF CONDUIT AND DISCONNECT AT EXHAUST FAN. CONDUIT SHALL BE INSTALLED THROUGH ROOF ON OUTSIDE OF FAN CURB. CONDUIT SHALL BE LOCATED AT FAN HINGE SUCH THAT THE FAN HOOD CAN BE FULLY HINGED OPEN AND NOT TOUCH THE CONDUIT. PROVIDE 14" DIAMETER LOOP IN THE FLEXIBLE CONDUIT BETWEEN THE ROOF AND THE FAN ELECTRICAL CONNECTION.
- 5 ROUTE 4#10 AND 1#10 GND. - 3/4" CONDUIT TO ICE MAKER BELOW FOR POWER AND CONTROL OF ICE MAKER CONDENSING UNIT.
- 6 PROVIDE 3/4" E.C. THROUGH PARAPET FOR COAX CABLE TO MUSIC SYSTEM ANTENNA ON ROOF. TERMINATE OPEN ENDS APPROXIMATELY 10" ABOVE AND 10" BELOW ROOF. SECURE LOWER END OF CONDUIT TO STRUCTURE. WATERPROOF BOOT ON ROOF OPENING FURNISHED AND INSTALLED BY ROOFING CONTRACTOR. PROVIDE #6 CU GROUND IN 3/4" TO ELECTRICAL SERVICE GROUND FROM ANTENNA.
- 7 PROVIDE 1/2" E.C. THROUGH PARAPET FOR SECURITY SYSTEM CABLING. TERMINATE OPEN ENDS APPROXIMATELY 18" BELOW TOP OF PARAPET WALL AND ABOVE OFFICE CEILING. SECURE CONDUIT TO STRUCTURE.
- 8 COORDINATE EXACT LOCATION OF CONDUIT AND DISCONNECT AT EXHAUST FAN. CONDUIT SHALL BE ROUTED THROUGH DUCTWORK, WITHIN FAN ROOF CURB, AND TO THE FAN WIREWAY. PROVIDE SEALTIGHT FITTINGS AS THE CONDUIT ENTERS AND LEAVES THE DUCTWORK. INTERLOCK WITH LIGHTING CIRCUIT IN RESTROOM. REFER TO E-1.0 FOR CONTINUATION.
- 9 MOUNT TYPE 'OC' LIGHTING FIXTURE, WITH INTEGRAL SLIPFITTER, ON PIPE. PIPE WILL BE PROVIDED BY OTHER TRADES. AIM LIGHTING FIXTURE AT NIGHT FOR BEST ILLUMINATION OF FLAG.
- 10 CONNECT TIMER AT CONDENSING UNITS TO EVAPORATOR UNITS BELOW. REFER TO E-4.0 FOR CONTINUATION.
- 11 CONVENIENCE RECEPTACLE PROVIDED PRE-INSTALLED IN AIR CONDITIONING UNIT. CONNECT TO 120 VOLT CIRCUIT AS REQUIRED.
- 12 A/C UNIT DISCONNECT IS FURNISHED WITH A/C UNIT AND SHALL BE CONNECTED BY THE CONTRACTOR.
- 13 EXHAUST FAN DISCONNECT IS FURNISHED WITH THE FAN AND SHALL BE CONNECTED BY THE CONTRACTOR.

NOTE: REFER TO DRAWING M3 FOR ROOFTOP PACKAGED AC UNIT SCHEDULE. ALL UNITS ARE FURNISHED WITH FACTORY INSTALLED DISCONNECT SWITCH. REFER TO SAME SCHEDULE FOR INDICATION OF UNITS FURNISHED WITH FACTORY RECEPTACLE FOR COMPLIANCE WITH NEC 210-63.

MOUNT PHOTO-CELL ON NORTH-WEST CORNER OF ROOF

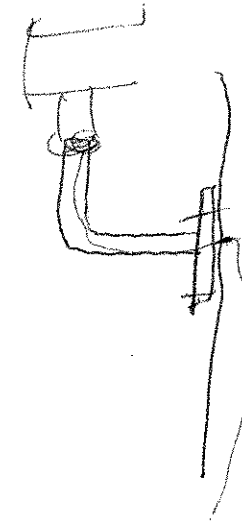
SECURITY SYSTEM SIREN BOX REFER TO KEYNOTE "S5" ON E-2.0

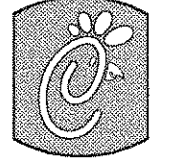


1 ROOF ELECTRICAL PLAN

1/4" = 1'-0"

FLAG POLE LIGHT FIXTURE TYPE "OC" SEE SHEET E-1.0 FOR CIRCUITING. SEE DTL #3, DWG. A1.7 FOR MOUNTING DETAIL.

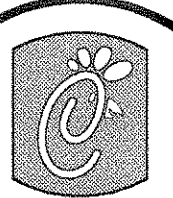




Chick-fil-e

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:		
Mark	Date	By
△	9/17/04	nee
COORD. REVISIONS		
Mark	Date	By
△		
Mark	Date	By
△		
Seal		
AA 004320 CA 8660 983 LEE ROAD, FIRST FLOOR ORLANDO, FLORIDA 32810 PH 407.646.9038 FX 407.629.9124		
INTERPLAN 91		
ARCHITECTURE ENGINEERING INTERIOR DESIGN PROJECT MANAGEMENT		
STORE SERIES FSU 03--A		
DOLPHIN VILLAGE 4623 GULF BLVD. ST. PETE BEACH, FL		
SHEET TITLE ROOF ELECT. PLAN		
DWG EDITION 03.8		
Job No.	: 2004.0255	
Store	: 1740	
Date	: 8/30/04	
Drawn By	: _____	
Checked By	: _____	
Sheet		
E-3.0		



5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:
Mark Date By
9/17/04 res
COORD. REVISIONS

Mark Date By
9/24/04 TCG
DBPR COMMENTS

Mark Date By

Seal

AA 004320
CA 8660
933 LEE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32810
PH 407.645.5308
FX 407.629.9124

INTERPLAN
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES
FSU 03-A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
**LARGE SCALE
POWER PLAN**

DWG EDITION 03.8

Job No. : 2004.0255

Store : 1740

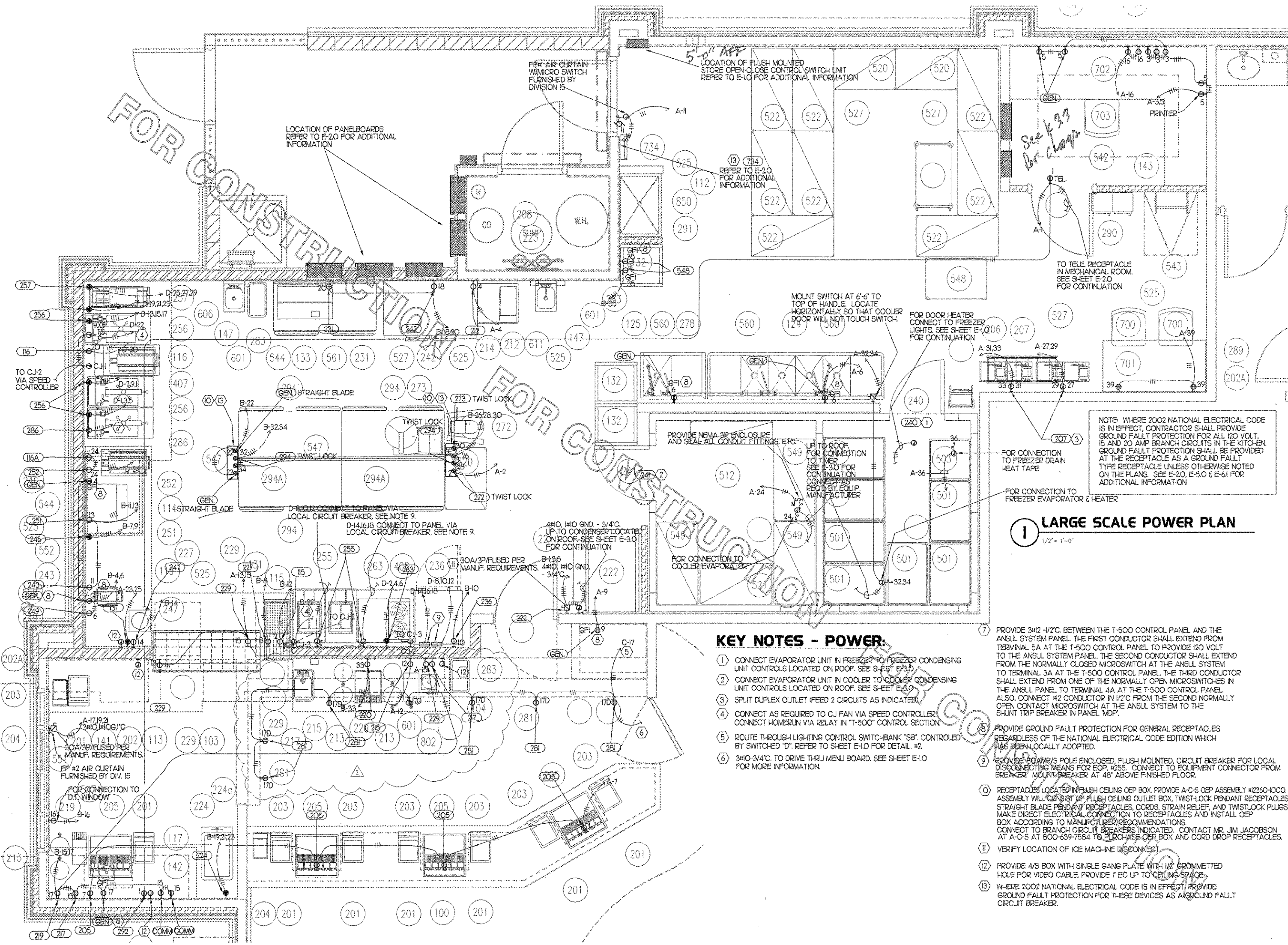
Date : 8/30/04

Drawn By : _____

Checked By : _____

Sheet

E-4.0



FOR CONSTRUCTION

FOR CONSTRUCTION

KEY NOTES - POWER

- 1) CONNECT EVAPORATOR UNIT IN FREEZER TO FREEZER CONDENSING UNIT CONTROLS LOCATED ON ROOF. SEE SHEET E-3.0
- 2) CONNECT EVAPORATOR UNIT IN COOLER TO COOLER CONDENSING UNIT CONTROLS LOCATED ON ROOF. SEE SHEET E-3.0
- 3) SPLIT DUPLEX OUTLET (FEED 2 CIRCUITS AS INDICATED)
- 4) CONNECT AS REQUIRED TO C/J FAN VIA SPEED CONTROLLER. CONNECT HOMERUN VIA RELAY IN "T-500" CONTROL SECTION.
- 5) ROUTE THROUGH LIGHTING CONTROL SWITCH-BANK "SB". CONTROLLED BY SWITCHED "D". REFER TO SHEET E-1.0 FOR DETAIL #2.
- 6) 3#10-3/4" C. TO DRIVE THRU MENU BOARD. SEE SHEET E-1.0 FOR MORE INFORMATION.
- 7) PROVIDE 3#12 -1/2" C. BETWEEN THE T-500 CONTROL PANEL AND THE ANSUL SYSTEM PANEL. THE FIRST CONDUCTOR SHALL EXTEND FROM TERMINAL 5A AT THE T-500 CONTROL PANEL TO PROVIDE 120 VOLT TO THE ANSUL SYSTEM PANEL. THE SECOND CONDUCTOR SHALL EXTEND FROM THE NORMALLY CLOSED MICROSWITCH AT THE ANSUL SYSTEM TO TERMINAL 3A AT THE T-500 CONTROL PANEL. THE THIRD CONDUCTOR SHALL EXTEND FROM ONE OF THE NORMALLY OPEN MICROSWITCHES IN THE ANSUL PANEL TO TERMINAL 4A AT THE T-500 CONTROL PANEL. ALSO, CONNECT #2 CONDUCTOR IN 1/2" C. FROM THE SECOND NORMALLY OPEN CONTACT MICROSWITCH AT THE ANSUL SYSTEM TO THE SHUNT TRIP BREAKER IN PANEL MDP.
- 8) PROVIDE GROUND FAULT PROTECTION FOR GENERAL RECEPTACLES REGARDLESS OF THE NATIONAL ELECTRICAL CODE EDITION WHICH HAS BEEN LOCALLY ADOPTED.
- 9) PROVIDE 80AMP/3 POLE ENCLOSED, FLUSH MOUNTED, CIRCUIT BREAKER FOR LOCAL DISCONNECTING MEANS FOR EOP #255. CONNECT TO EQUIPMENT CONNECTOR FROM BREAKER. MOUNT BREAKER AT 48" ABOVE FINISHED FLOOR.
- 10) RECEPTACLES LOCATED IN FLUSH CEILING OEP BOX. PROVIDE A-C-G OEP ASSEMBLY #12360-1000. ASSEMBLY WILL CONSIST OF FLUSH CEILING OUTLET BOX, TWIST-LOCK PENDANT RECEPTACLES, STRAIGHT BLADE PENDANT RECEPTACLES, CORDS, STRAIN RELIEF, AND TWISTLOCK PLUGS. MAKE DIRECT ELECTRICAL CONNECTION TO RECEPTACLES AND INSTALL OEP BOX ACCORDING TO MANUFACTURER RECOMMENDATIONS. CONNECT TO BRANCH CIRCUIT BREAKERS INDICATED. CONTACT MR. JIM JACOBSON AT A-C-S AT 800-639-7584 TO PURCHASE OEP BOX AND CORD DROP RECEPTACLES.
- 11) VERIFY LOCATION OF ICE MACHINE DISCONNECT.
- 12) PROVIDE 4/8" BOX WITH SINGLE GANG PLATE WITH 1/2" GROMMETTED HOLE FOR VIDEO CABLE. PROVIDE 1" EC UP TO CEILING SPACE.
- 13) WHERE 2002 NATIONAL ELECTRICAL CODE IS IN EFFECT, PROVIDE GROUND FAULT PROTECTION FOR THESE DEVICES AS A GROUND FAULT CIRCUIT BREAKER.

I LARGE SCALE POWER PLAN
1/2" = 1'-0"

ELECTRICAL SYMBOL LEGEND

SYMBOL	DESCRIPTION	MTG. HT. TO CENTERLINE
	LIGHTING FIXTURES	
	WALL MOUNTED FIXTURE (INCANDESCENT, FLUORESCENT, OR HID)	AS NOTED
	RECESSED MOUNTED FIXTURE (INCANDESCENT, FLUORESCENT, OR HID) SHADING INDICATES WALL WASH TYPE FIXTURE	
	LIGHT FIXTURE TYPE DESIGNATION - SEE LIGHTING FIXTURE SCHEDULE	
	RECESSED FLUORESCENT FIXTURE SHADING INDICATES FIXTURE INCLUDES BATTERY PACK	
	SINGLE FACE EXIT SIGN, UNIVERSAL MOUNT, DOUBLE LEAD EMERGENCY EGRESS FIXTURE WITH INTEGRAL BATTERY PACK AND DOUBLE HEAD EMERGENCY LIGHTING LAMP UNIT	6" BELOW CEILING TO TOP
	WALL MOUNTED FLOODLIGHT	AS NOTED
	PENDANT FIXTURE	
	WIRING DEVICES	
	120 VOLT DUPLEX RECEPTACLE, 20 AMPS UON, NUMBER ADJACENT TO SYMBOL INDICATES CIRCUIT ID, WHEN SHOWING WP= NEMA 3R WEATHERPROOF, GF= GROUND FAULT INTERRUPTER DEVICE, IG= ISOLATED GROUND DEVICE, TR=TAMPER RESISTANT	18" AFF. (UON)
	SINGLE RECEPTACLE, VOLTS, PHASE AND AMPS AS NOTED, NEMA CONFIGURATION AS REQUIRED BY EQUIPMENT	18" AFF. (UON)
	QUADRAPLEX RECEPTACLE, 20 AMPS UON	18" AFF. (UON)
	SINGLE-POLE SWITCH (P-WITH PILOT LIGHT, AND WP= NEMA 3R WEATHERPROOF DEVICE)	48" AFF.
	SWITCH BANK	48" AFF.
	SPECIAL RECEPTACLE, NEMA CONFIGURATION AS NOTED	AS NOTED
	RECEPTACLES ON A DEDICATED CIRCUIT (THAT IS, NO OTHER LOAD CONNECTED TO THE BRANCH CIRCUIT) SHALL HAVE AMPACITY RATING NOT LESS THAN THE AMPERAGE OF THE CIRCUIT BREAKER SERVING THE DEVICE.	
	TELEPHONE SYSTEM	
	TELEPHONE OUTLET (W-WALL, MOUNTED AT 60", X= FOR FAX MACHINE) WITH 3/4" EMPTY CONDUIT, WITH PULL WIRE, EXTENDING TO ACCESSIBLE CEILING SPACE FROM OUTLET BOX.	AS NOTED
	RACEWAYS	
	METAL CLAD CABLE	
	CONDUIT TURNING IN WALL	
	CONDUIT INSTALLED EXPOSED	
	CONDUIT CONCEALED ABOVE C.E.G. OR IN WALL	
	CONDUIT CONCEALED IN OR BELOW FLOOR SLAB (WHERE USED OUTSIDE - UNDERGROUND)	
	HOME RUN TO PANELBOARD CIRCUIT INDICATED. DISTRIBUTION EQUIPMENT	
	NON-FUSIBLE SAFETY SWITCH SIZE & TYPE AS NOTED (AMP/POLES/ENCLOSURE, NEMA 1 IF NOT NOTED WP=NEMA 3R)	AS NOTED
	FUSIBLE SAFETY SWITCH SIZE & TYPE AS NOTED (AMP/POLES/FUSE/ENCLOSURE, NEMA 1 IF NOT NOTED WP=NEMA 3R)	AS NOTED
	PANELBOARD OR EQUIPMENT AS NOTED - FLUSH MOUNTED OR SURFACE MOUNTED AS INDICATED ON PANEL SCHEDULE	AS NOTED
	MANUAL MOTOR STARTER SWITCH WITH OVERLOADS	
	MECHANICAL EQUIPMENT	
	MOTOR (HORSEPOWER AS NOTED)	
	CCTV SECURITY SYSTEM	
	CCTV CAMERA	AS NOTED
	SECURITY ALARM KEYPAD	AS NOTED
	SECURITY ALARM HOLD-UP BUTTON	48" AFF.
	MISCELLANEOUS	
	PUSHBUTTON	48" AFF. (UON)
	BELL, TYPE AS NOTED ON PLANS	AS NOTED
	PHOTO-ELECTRIC CELL	AS NOTED
	JUNCTION BOX	AS NOTED
	JUNCTION BOX WITH FLEXIBLE CONNECTION TO EQUIPMENT AS NOTED.	AS NOTED
	HOOD EXTINGUISHMENT ANSUL PULL STATION	48" AFF.
	SMOKE DETECTOR REMOTE STATUS INDICATOR. PROVIDE AND INSTALL JUNCTION BOX AND 1/2" EMPTY CONDUIT STUBBED UP TO ACCESSIBLE CEILING SPACE.	AS NOTED
	KITCHEN EQUIPMENT ITEM NUMBER	
	NOTE NUMBER	

REQUIRES IG/GF WIRING	EQUIPMENT CONNECTION SCHEDULE									
	EQUIP NO.	EQUIPMENT DESCRIPTION	VOLTS	PH	AMPS	RECEPTACLE NEMA CONFIGURATION	RECEPTACLE ARROWHART CAT. NO.	PLUG CONNECTOR ARROWHART CAT. NO.	HOME RUN WIRE/ CONDUIT SIZE	ADDITIONAL REQUIREMENTS
GF/NOTE 2	114	SANDWICH PREP TABLE	120	1	6.5	NEMA 5-20R	#CR20/#53611 SINGLE	FLRN W/ EQUIP	2#12, #12G/1/2C	
GF/NOTE 2	115	FRY HOLDING STATION	120	1	15.4	NEMA 5-20R	#CR20/#53611 SINGLE	FLRN W/ EQUIP	2#12, #12G/1/2C	
GF/NOTE 2	116/116A	18" CART WITH HEAT LAMPS	120	1	9.7	NEMA 5-20R	#CR20/#53611 SINGLE	FLRN W/ EQUIP	2#12, #12G/1/2C	
	131	SANDWICH SLIDE	120/208	1	121	NEMA 114-20R	#6400 SINGLE	FLRN W/ EQUIP	3#12, #12G/1/2C	
GF/NOTE 2/IG	200	FUTURE CREDIT CARD	120	1	0.02	NEMA 5-20R	#IG5362	FLRN W/ EQUIP	MC CABLE, SEE E-21	
GF/NOTE 2/IG	201	ORDER REGISTER	120	1	0.7	NEMA 5-20R	#IG5361	FLRN W/ EQUIP	MC CABLE, SEE E-21	
GF/NOTE 2/IG	202	ORDER MONITOR	120	1	0.5	NEMA 5-20R	#IG5361	FLRN W/ EQUIP	MC CABLE, SEE E-21	
GF/NOTE 2/IG	204	RECEIPT PRINTER	120	1	0.1	NEMA 5-20R	#IG5362	FLRN W/ EQUIP	MC CABLE, SEE E-21	
GF/NOTE 2	205	DRINK TOWER	120	1	1.5	NEMA 5-20R	#CR20/#53611 SINGLE	FLRN W/ EQUIP	2#12, #12G/1/2C	
GF/NOTE 2	207	CARBONATOR	120	1	7.2	NEMA 5-20R	#CR20/#53611 SINGLE	FLRN W/ EQUIP	2#12, #12G/1/2C	SPLIT WIRED RECEPTACLE
GF/NOTE 2	212	TEA BREWER	120	1	14	NEMA 5-20R	#CR20/#53611 SINGLE	FLRN W/ EQUIP	2#12, #12G/1/2C	
GF/NOTE 2	215	SINGLE COFFEE MAKER	120	1	1.5	NEMA 5-20R	#CR20/#53611 SINGLE	FLRN W/ EQUIP	2#12, #12G/1/2C	
GF/NOTE 2	217	COFFEE WARMER	120	1	0.83	NEMA 5-20R	#CR20/#53611 SINGLE	FLRN W/ EQUIP	2#12, #12G/1/2C	
GF/NOTE 2	219	SINGLE JUICE DISPENSER	120	1	1.7	NEMA 5-20R	#CR20/#53611 SINGLE	FLRN W/ EQUIP	2#12, #12G/1/2C	
GF/NOTE 2	220	DOUBLE JUICE DISPENSER	120	1	4	NEMA 5-20R	#CR20/#53611 SINGLE	FLRN W/ EQUIP	2#12, #12G/1/2C	
	222	ICE MAKER	208	3	16.8	DIRECT CONNECTION	N/A	N/A	4#10, #10G, 3/4"C	W/ NEUTRAL
	224	ICE CREAM MACHINE	208	3	17	NEMA 15-30R	#8432AN SINGLE	#8430N	3#12, #12G/1/2C	2 GANG BOX, 6 FT. 1/2" 4 SO. ST. OIL PLATE NOTE 1
GF/NOTE 2	227	REFRIGERATED DISPLAY CASE	120	1	8.1	NEMA 5-20R	#CR20/#53611 SINGLE	FLRN W/ EQUIP	2#12, #12G/1/2C	
GF/NOTE 2	229	SGL. UNDERCOUNTER REFRIGERATOR	120	1	3.3	NEMA 5-20R	#CR20/#53611 SINGLE	FLRN W/ EQUIP	2#12, #12G/1/2C	
GF/NOTE 2	231	BREADING TABLE	120	1	5.7	NEMA 5-20R	#CR20/#53611 SINGLE	FLRN W/ EQUIP	2#12, #12G/1/2C	
GF/NOTE 2	236	SGL. SECT. REACH IN FREEZER	120	1	10.4	NEMA 5-20R	#CR20/#53611 SINGLE	FLRN W/ EQUIP	2#12, #12G/1/2C	
	240	WALK-IN FREEZER	120	1	3.3	DIRECT CONNECTION	N/A	N/A	2#12, #12G/1/2C	
	240A	WALK-IN FREEZER, CONDENSER	208	3	9.4	DIRECT CONNECTION	N/A	N/A	3#12, #12G/1/2C	
	240B	WALK-IN FREEZER, EVAPORATOR	208	1	10.9	DIRECT CONNECTION	N/A	N/A	3#12, #12G/1/2C	CONNECT VIA CONDENSER
	241	WALK-IN COOLER	120	1	2.4	DIRECT CONNECTION	N/A	N/A	2#12, #12G/1/2C	
	241A	WALK-IN COOLER CONDENSER	208	1	7.2	DIRECT CONNECTION	N/A	N/A	2#12, #12G/1/2C	
	241B	WALK-IN EVAPORATOR	120	1	21	DIRECT CONNECTION	N/A	N/A	2#12, #12G/1/2C	CONNECT VIA CONDENSER
GF/NOTE 2	242	THAWING CABINET	120	1	5.8	NEMA 5-20R	#CR20/#53611 SINGLE	FLRN W/ EQUIP	2#12, #12G/1/2C	
GF/NOTE 2	243	SANDWICH TOASTER	120	1	6	NEMA 5-20R	#CR20/#53611 SINGLE	FLRN W/ EQUIP	2#12, #12G/1/2C	
	246	BLN WARMER	208	1	16	NEMA 6-20R	#5461 SINGLE	FLRN W/ EQUIP	2#12, #12G/1/2C	
GF/NOTE 2	247	DOUBLE WARMING DRAWER	120	1	8.7	NEMA 5-20R	#CR20/#53611 SINGLE	FLRN W/ EQUIP	2#12, #12G/1/2C	
GF/NOTE 2	249	SINGLE FOOD WARMER	120	1	13.8	NEMA 5-20R	#CR20/#53611 SINGLE	FLRN W/ EQUIP	2#12, #12G/1/2C	
GF/NOTE 2	251	BISCUIT HOLDING CABINET (C-VAP)	120	1	17.1	NEMA 5-20R	#CR20/#53611 SINGLE	FLRN W/ EQUIP	2#12, #12G/1/2C	
GF/NOTE 2	252	HOLDING CABINET	120	1	4	NEMA 5-20R	#CR20/#53611 SINGLE	FLRN W/ EQUIP	2#12, #12G/1/2C	
	255	OPEN FRYER	208	3	61	WIRE SLEEVE	#AH4100C9W SINGLE	#AH4100P9W	3#3, #8G, 1/4"C	SEE NOTE 3 Direct connect
	256	PRESSURE FRYER	208	3	36	NEMA 15-50R	#8450N SINGLE	#8452AN (ANG. PLUG)	3#6, #10G, 1"C	2 GANG BOX, 6' SO-4/4-SEE NOTE 1
	257	CHAR-GRILL COOKER	208	3	27	NEMA 15-50R	#8450N SINGLE	FLRN W/ EQUIP	4#8, #10G, 1"C	
	263	RANGE/CONVECTION OVEN	208	3	47.8	NEMA 15-60R	#8460N SINGLE	#8462AN (ANG. PLUG)	3#4, #8G, 1"C	6 FT SO-4/4-SEE NOTE 1
GF/NOTE 2	272	FLOOR MIXER	120	1	9.8	NEMA 5-20R	#CR20/#53611 SINGLE	FLRN W/ EQUIP	2#12, #12G/1/2C	
GF/NOTE 2	273	FOOD CUTTER	120	1	16	NEMA 5-20R	PROVIDED W/ OEP BOX	FLRN W/ EQUIP	2#12, #12G/1/2C	WIRING DEVICE PROVIDED W/ OEP BOX
GF/NOTE 2	281	SMALL MENU BOX	120	1	0.55	NEMA 5-20R	#CR20	FLRN W/ EQUIP	2#12, #12G/1/2C	
GF/NOTE 2	292	DRIVE THRU VIDEO MONITOR	120	1	0.6	NEMA 5-20R	#CR20/#53611 SINGLE	FLRN W/ EQUIP	2#12, #12G/1/2C	
GF/NOTE 2	294	REFRIGERATED WORK TABLE	120	1	5.7	NEMA 5-20R	PROVIDED W/ OEP BOX	FLRN W/ EQUIP	2#12, #12G/1/2C	WIRING DEVICE PROVIDED W/ OEP BOX
GF/NOTE 2	734	FLY SYSTEM	120	1	0.65	NEMA 5-15R	#CR15/#52611, #5708 SINGLE	FLRN W/ EQUIP	2#12, #12G/1/2C	FIELD OUT EXCESSIVE CORD TO LENGTH OF 16'

*SEE RECEPT. DTLS. THIS DWG

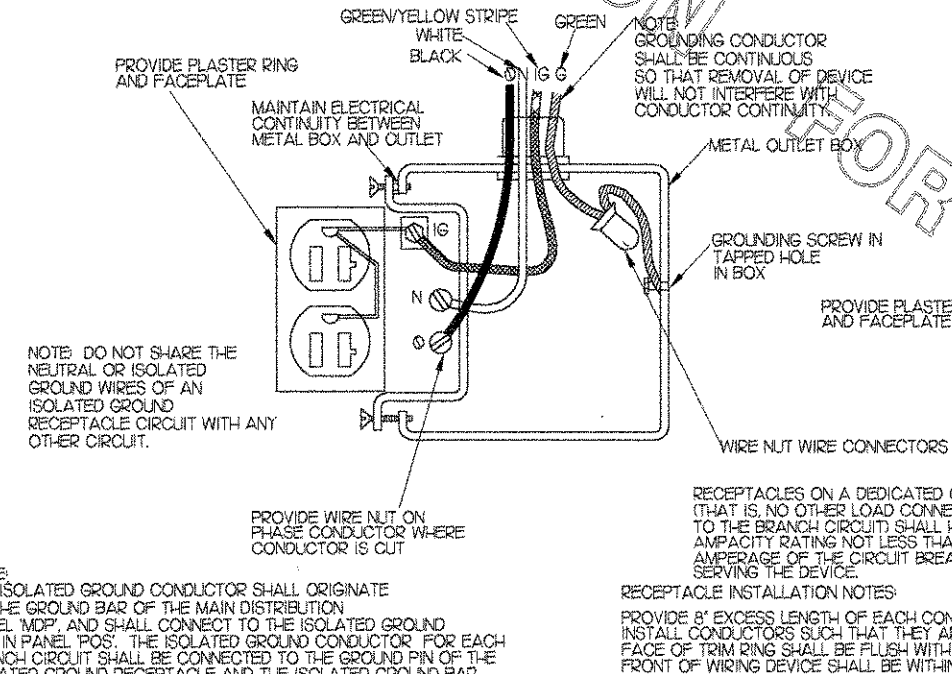
WIRING DEVICE PACKAGE (INCLUDING SWITCHES) SHALL BE PURCHASED AS A PART OF A NATIONAL ACCOUNTS BUYING PROGRAM THROUGH G.E. SUPPLY. CONTACT WAYNE SANDERS AT 770-840-4178, 6540 PEASHTREE INDUSTRIAL BLVD, NORCROSS GA 30071.

NOTE 1: ALL 50 CORD LENGTHS SHALL BE MEASURED FROM THE REAR OF THE EQUIPMENT TO THE END OF THE CORD WHERE 2002 NATIONAL ELECTRICAL CODE IS IN EFFECT. CONTRACTOR SHALL PROVIDE GROUND FAULT PROTECTION FOR ALL 120 VOLT, 15 AND 20 AMP RECEPTACLES IN THE KITCHEN. GROUND FAULT PROTECTION SHALL BE PROVIDED AT THE RECEPTACLE AS A GROUND FAULT TYPE RECEPTACLE UNLESS OTHERWISE NOTED ON THE PLANS. G.F. WIRING DEVICES SHALL BE COOPER #GF20V RATHER THAN THAT SPECIFIED ABOVE.

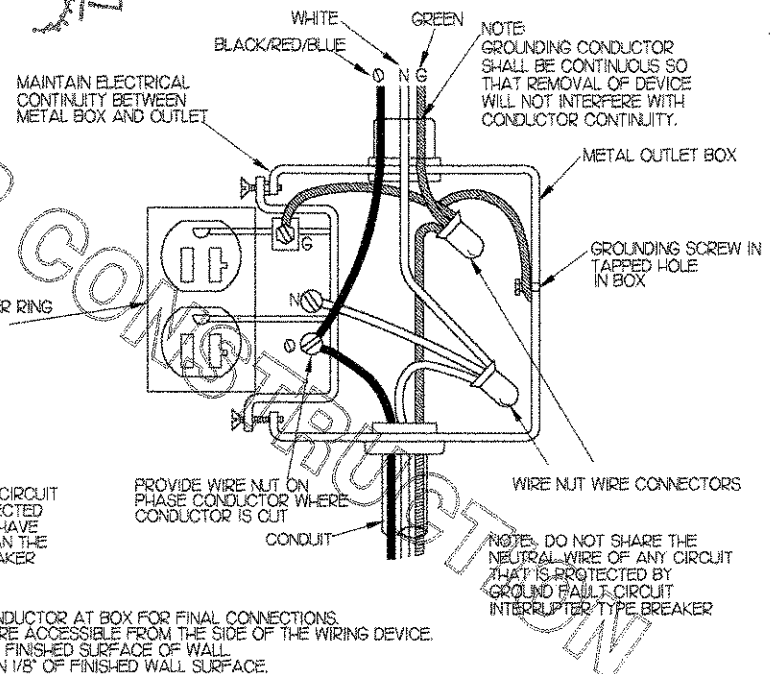
NOTE 2: PROVIDE 7 FT. SO 2/4 CORD, INSTALL RING SLEEVE DEVICE IN LINE ON SO CORD AT 6 FT. FROM BACK OF UNIT. EXTEND 1 FT. ADDITIONAL SO CORD TO BOX AT WALL. PROVIDE 90 DEG. LIQUID TIGHT GRIP/STRAIN RELIEF AT BOTH ENDS OF CORD. 2 GANG BOX.

NOTE 3: PROVIDE 7 FT. SO 2/4 CORD, INSTALL RING SLEEVE DEVICE IN LINE ON SO CORD AT 6 FT. FROM BACK OF UNIT. EXTEND 1 FT. ADDITIONAL SO CORD TO BOX AT WALL. PROVIDE 90 DEG. LIQUID TIGHT GRIP/STRAIN RELIEF AT BOTH ENDS OF CORD. 2 GANG BOX.

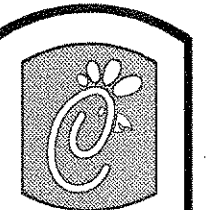
ABBREVIATIONS	
AC	AIR CONDITIONER
ADA	AMERICANS WITH DISABILITIES ACT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
C	CONDUIT
CL	CENTERLINE
COMM	COMMUNICATION SYSTEM
DIA	DIAMETER
EC	EMPTY CONDUIT
EF	EXHAUST FAN
FBO	FURNISHED BY OTHERS
FLA	FULL LOAD AMPS
GF/GFI	GROUND FAULT CIRCUIT INTERRUPTER
GND	GROUND
IG	ISOLATED GROUND
MOCP	MAXIMUM OVERCURRENT PROTECTION
MTD	MOUNTED
N/A	NOT APPLICABLE
NL	NIGHT LIGHT
OC	ON CENTER
POS	POINT OF SALE EQUIPMENT
SEC	SECURITY
TR	TAMPER RESISTANT
UON	UNLESS OTHERWISE NOTED
WP	WEATHERPROOF (NEMA 3R)
WEM	CIRCUIT NUMBER, EMERGENCY LIGHTING
WA	CIRCUIT NUMBER, SWITCH BANK SWITCH



1 I. G. RECEPTACLE GROUNDING DETAIL
NOT TO SCALE



2 TYPICAL RECEPTACLE GROUNDING DETAIL
NOT TO SCALE



Chick-fil-A

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark Date By

△

Mark Date By

△

Mark Date By

△

Seal

AA 004920
CA 1640

933 LEE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32810
PH 407.645.9038
FX 407.659.9124

INTERPLAN
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES
FSU 03-A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
ELEC. LEGEND
AND SCHED.

DWG EDITION 03.8

Job No. : 2004.0255

Store : 1740

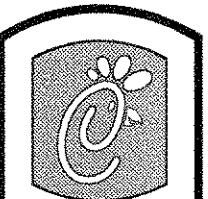
Date : 8/30/04

Drawn By : _____

Checked By : _____

Sheet

E-5.0



Chick-fil-A
5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:	Mark	Date	By
△			
△			
△			

Seal

AA 004320
CA 8460
034 LEE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32810
PH 407 445 5008
FX 407 429 9124

INTERPLAN 91
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES
FSU 03-A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
SINGLE LINE
DIAGRAM

DWG EDITION 03.8

Job No. : 2004.0255

Store : 1740

Date : 8/30/04

Drawn By : _____

Checked By : _____

Sheet

E-6.0

KOHLER MODEL 15RYG-4J7 15KW GENERATOR
120/208 3 PHASE 45 AMPS
DUEL FUEL, NATURAL GAS/PROPANE
WEATHER HOUSING, BATTERY WITH CHARGER

UPS EQUIPMENT NOTES:

- PROVIDE TAYMAC CORP. (1-800-526-5416) #30550 VERTICAL MOUNT DEEP LOCKING COVER WITH VERTICAL 1-3/8" ROUND BASE AND ADAPTER AT UPS LINE AND LOAD WIRING DEVICES
- NEMA 5-20P, 2 POLE, 3 WIRE, GROUNDING PLUG, ARROW-HART #5779 METAL FLANGE INLET WITH REVERSED SHELL MOUNTED IN BOX
- CORD AND WIRING DEVICE FURNISHED WITH UPS
- NEMA 5-20R, 2 POLE, 3 WIRE, GROUNDING RECEPTACLE, COOPER #536IV, IN OFFICE.

verify cord + recept. referencess

Nema 5-20R, 2 pole, 3 wire + grounding recept
Nema 50-20, 2-pole 3 wire, grounding plug

FOR CONSTRUCTION

ALTERNATE METHOD:
BUILDING MOUNTED OR PEDESTAL MOUNTED METER AND CURRENT TRANSFORMER CABINET. COORDINATE WITH UTILITY AND ES-1.0.

MINIMUM 1" EMPTY RGS CONDUIT FOR METERING CONDUCTORS. PROVIDE AS REQUIRED BY UTILITY COMPANY

PROVIDE NEMA 3R BREAK GLASS SHUNT TRIP DEVICE ON EXTERIOR OF BUILDING AND LABEL AS ELECTRICAL MAIN. CONNECT TO EACH BREAKER'S SHUNT TRIP VIA CIRCUIT B-36

2#12, 1#12 GND IN 3/4" C

FEEDER "F" (2) 4" C. WITH 4#600 KOMIL IN EACH

PROVIDE CONDUITS FOR PRIMARY UTILITY CONDUCTORS TO PAD MOUNTED TRANSFORMER AS REQUIRED BY UTILITY COMPANY. COORDINATE WITH SITE PLANS AND WITH UTILITY COMPANY FOR REQUIREMENTS. COORDINATE ROUTING WITH UTILITY COMPANY AND ES-1.0.

EXISTING CONCRETE PAD FOR PAD MOUNTED UTILITY TRANSFORMER WHERE REQUIRED BY UTILITY. PAD SHALL BE CONSTRUCTED IN ACCORDANCE WITH UTILITY COMPANY REQUIREMENTS. COORDINATE WITH UTILITY COMPANY AND ES-1.0.

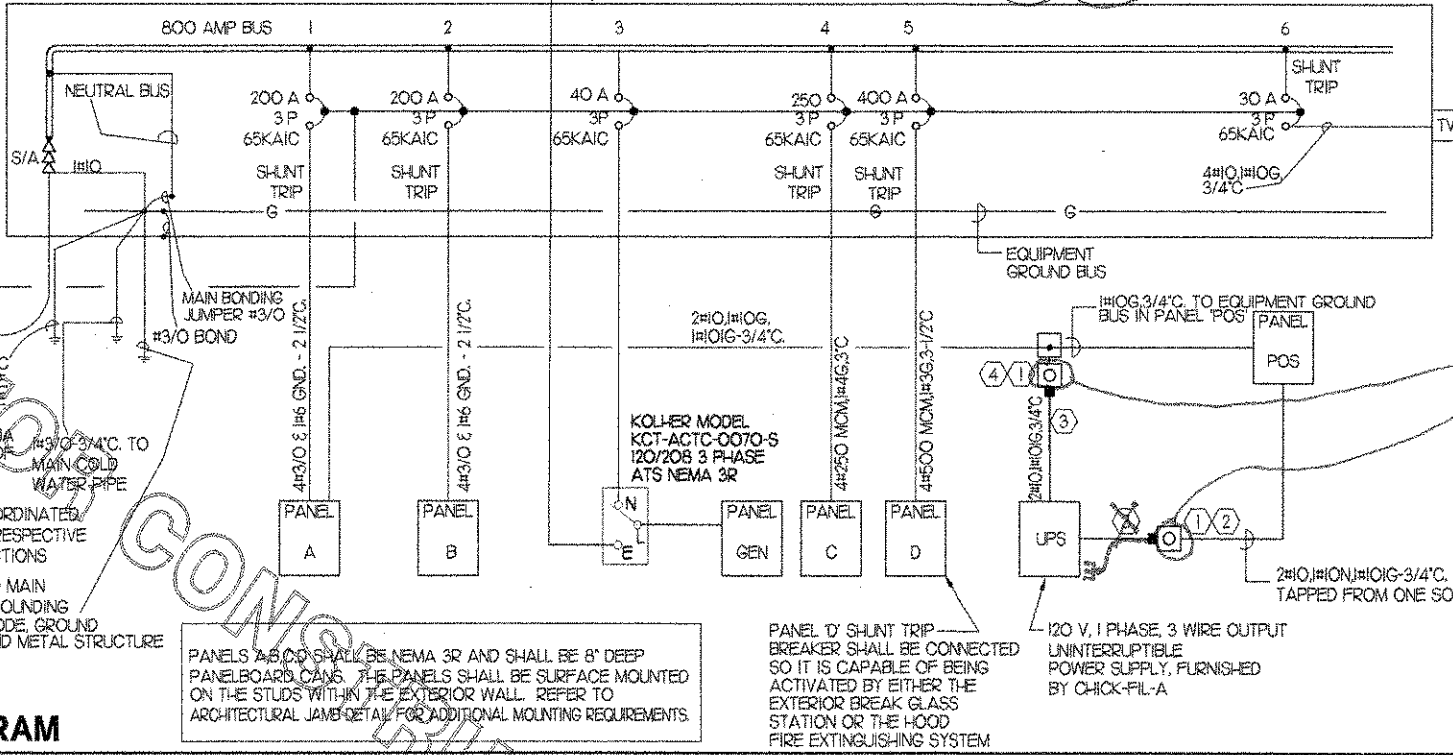
PAD MOUNTED 500 KVA 120/208 3 PHASE Y UTILITY COMPANY TRANSFORMER COORDINATE LOCATION AND TYPE WITH UTILITY COMPANY AND ES-1.0.

EXISTING CONCRETE PAD FOR PAD MOUNTED UTILITY TRANSFORMER WHERE REQUIRED BY UTILITY. PAD SHALL BE CONSTRUCTED IN ACCORDANCE WITH UTILITY COMPANY REQUIREMENTS. COORDINATE WITH UTILITY COMPANY AND ES-1.0.

PROVIDE CONDUITS FOR PRIMARY UTILITY CONDUCTORS TO PAD MOUNTED TRANSFORMER AS REQUIRED BY UTILITY COMPANY. COORDINATE WITH SITE PLANS AND WITH UTILITY COMPANY FOR REQUIREMENTS. COORDINATE ROUTING WITH UTILITY COMPANY AND ES-1.0.

ALTERNATE METHOD:
ROUTE SERVICE ENTRANCE CONDUIT AND CONDUCTORS TO "MSB" VIA THE CURRENT TRANSFORMER CABINET WHERE CURRENT TRANSFORMERS ARE NOT LOCATED IN SECONDARY COMPARTMENT OF UTILITY TRANSFORMER. COORDINATE WITH UTILITY AND ES-1.0.

MAIN DISTRIBUTION PANEL "MDP"
120/208V - 3PH, 4W,
65 KAIC/SERVICE ENTRANCE RATED



1 SINGLE LINE DIAGRAM

NOT TO SCALE

PANELS A,B,C,D SHALL BE NEMA 3R AND SHALL BE 8" DEEP PANELBOARDS CAN. THE PANELS SHALL BE SURFACE MOUNTED ON THE STUDS WITHIN THE EXTERIOR WALL. REFER TO ARCHITECTURAL JAMB DETAIL FOR ADDITIONAL MOUNTING REQUIREMENTS.

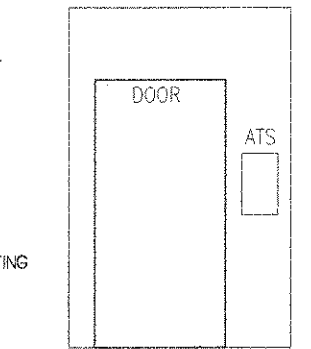
PANEL "D" SHUNT TRIP BREAKER SHALL BE CONNECTED SO IT IS CAPABLE OF BEING ACTIVATED BY EITHER THE EXTERIOR BREAK GLASS STATION OR THE HOOD FIRE EXTINGUISHING SYSTEM

SINGLE LINE DIAGRAM NOTES

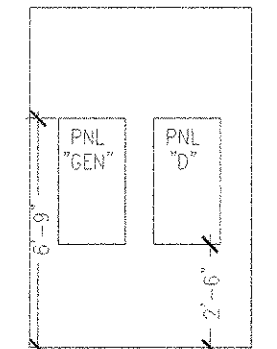
- VERIFY SERVICE LOCATIONS AND CONFORM TO THE REQUIREMENTS OF THE POWER COMPANY AND/OR DEVELOPER. POWER COMPANY AND/OR DEVELOPER SHALL BE CONTACTED PRIOR TO BEGINNING CONSTRUCTION TO ARRANGE AND VERIFY FOR THE INSTALLATION OF THE POWER COMPANY SERVICE, METER AND OTHER ITEMS.
- GROUND ALL EQUIPMENT AND SERVICES IN ACCORDANCE WITH ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE, LOCAL APPLICABLE CODES, AND ALSO AS INDICATED ON DRAWINGS.
- MAKE THE NECESSARY INSPECTIONS OF EXISTING SITE AND SERVICE LOCATIONS AS REQUIRED FOR THIS WORK AND MAKE ALLOWANCE FOR EXISTING CONDITIONS BEFORE SUBMITTING BID. VERIFY WORK REQUIRED WITH POWER COMPANY AND TELEPHONE COMPANY.
- CUT AND PATCH THE CONSTRUCTION WORK AS REQUIRED FOR PROPER INSTALLATION OF THE ELECTRICAL WORK. ALL PATCHING SHALL MATCH THE SURROUNDING WORK TO THE SATISFACTION OF THE ARCHITECT. ALL CONDUIT SHALL BE INSTALLED CONCEALED UNLESS SPECIFICALLY APPROVED BY THE ARCHITECT. COORDINATE SAW CUTTING WITH LANDLORD'S OR OWNER'S REPRESENTATIVE.
- WIRE AND CABLE:
 - CONDUCTORS SHALL BE COPPER, #12 AWG, MINIMUM UNLESS SPECIFICALLY NOTED OTHERWISE.
 - CONDUCTORS #10 AWG AND SMALLER SHALL BE SOLID AND #8 AWG AND LARGER SHALL BE STRANDED. INSULATION SHALL BE 600 VOLT, THHN/THWN.
- PROVIDE ENGRAVED LAMINATED PHENOLIC BLACK-ON-WHITE (UNLESS NOTED OTHERWISE) NAMEPLATES SECURED TO EQUIPMENT WITH ADHESIVE AND SCREWS FOR PANELBOARDS, RELAY CABINETS, TRANSFORMERS, DISTRIBUTION BOARDS, AND MAIN PANELBOARD - IDENTIFYING EQUIPMENT DESIGNATION (CORRESPONDING WITH DESIGNATION USED ON DRAWINGS) AND EQUIPMENT VOLTAGE. LETTERING SHALL BE 1/4" HIGH. PROVIDE LABELS FOR CIRCUIT BREAKERS, FUSIBLE SWITCHES AND STARTERS IN PANELBOARDS AND DISTRIBUTION BOARDS FOR EACH DEVICE IDENTIFYING EQUIPMENT CONTROLLED. LETTERING SHALL BE 1/8" HIGH.
- ALL DEVICES SHALL HAVE AN INTERRUPTING CAPACITY NOT LESS THAN THE POWER COMPANY AVAILABLE FAULT CURRENT, OR AS INDICATED ON THE DRAWINGS.
- 120/208 VOLT BRANCH CIRCUIT PANELBOARD BREAKERS SHALL HAVE A MINIMUM UL SERIES RATING OF 65 KAIC WITH UP-STREAM FEEDER BREAKERS AS NOTED.
- AVAILABLE SPACE FOR MAIN PANELBOARD IS LIMITED. PANELBOARD MUST FIT IN ALLOCATED SPACE. COORDINATE WITH CONSTRUCTION AS REQUIRED.
- ALL WIRING SHALL BE IN CONDUIT, EMT, OR RIGID. FLEXIBLE CONDUIT MAY ONLY BE USE FOR FINAL CONNECTIONS AND WITH GREEN EQUIPMENT GROUNDING CONDUCTOR.

SWITCHGEAR AND CONTROL EQUIPMENT NOTES:

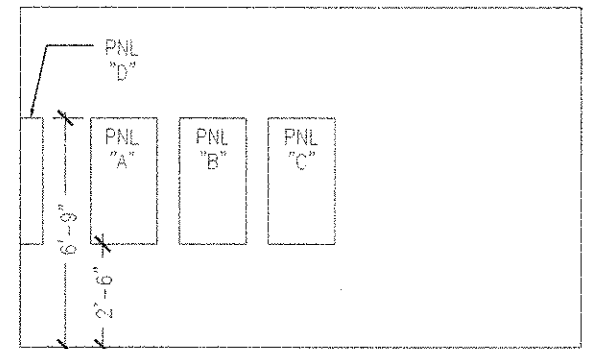
- PURCHASE PANELBOARDS, WIREWAYS, SURGE ARRESTOR, AND TVSS FROM SUNCOAST ENVIRONMENTAL, INC. CONTACT : SCOTT DYER (877)544-6679. NO SUBSTITUTIONS ALLOWED.
- PURCHASE CONTROL PANEL "T-500" ALSO FROM SUNCOAST ENVIRONMENTAL, INC. NO SUBSTITUTIONS ALLOWED. ALL EQUIPMENT IN THE CONTROL PANEL SHALL BE INSTALLED, WIRED AND CONNECTED AT THE FACTORY, INCLUDING AUTOMATIC LIGHTING CONTROL SYSTEM, LIGHTING RELAYS, HVAC STARTERS, POWER SUPPLIES, MISCELLANEOUS RELAYS AND CONTROLS, AND THERMOSTATS.
- CONTRACTOR SHALL PROVIDE PANEL FEEDERS A, B, C, D AND POS, BRANCH CIRCUIT CONDUIT AND WIRE, AND SHALL INSTALL ALL EQUIPMENT AS REQUIRED.
- ALL BREAKERS AND PANELS SHALL BE SQUARE D AS DESIGNED AND FURNISHED THRU SUNCOAST ENVIRONMENTAL, INC. NO SUBSTITUTIONS ALLOWED.
- TVSS AND SURGE ARRESTOR UNITS SHALL BE MOUNTED DIRECTLY ADJACENT TO THE SIDE OF THE MAIN DISTRIBUTION PANEL IN NEMA 3R ENCLOSURES. CLOSE NIPPLE THE UNITS TO THE SIDE OF THE PANEL. PROVIDE CONNECTION OF TVSS UNIT TO BREAKER IN PANEL. CONNECT SURGE ARRESTOR TO MAIN INCOMING LUGS OF THE PANEL. CONNECT BOTH WITH WIRE LENGTH OF MAXIMUM 12" AND WITHOUT BENDS IN WIRING.



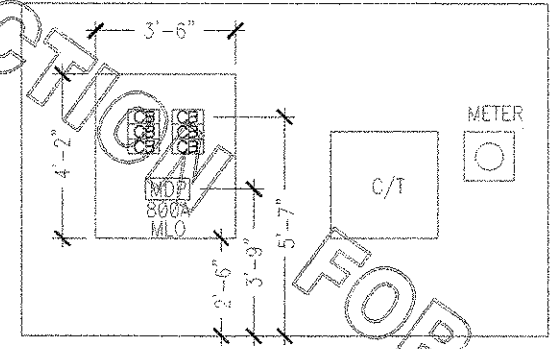
B ELECTRICAL ELEVATION



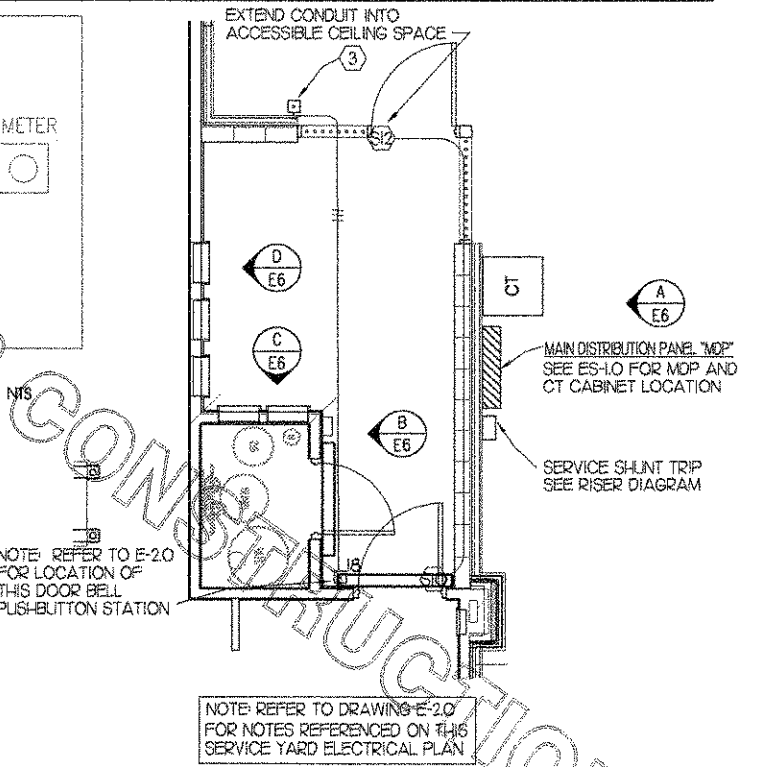
C ELECTRICAL ELEVATION



D ELECTRICAL ELEVATION



A ELECTRICAL ELEVATION



NOTE: REFER TO E-2.0 FOR LOCATION OF THIS DOOR BELL PUSH-BUTTON STATION

NOTE: REFER TO DRAWING E-2.0 FOR NOTES REFERENCED ON THIS SERVICE YARD ELECTRICAL PLAN

2 SERVICE YARD ELECTRICAL

1/4"=1'-0"

L RDT PANELBOARD SCHEDULE													
PANELBOARD DESCRIPTION				BREAKER OPTIONS				LOADS					
PANELBOARD NAME		MANUFACTURER / TYPE		SWITCH RATED		ISOLATED GROUND		KVA PHASE A		KVA PHASE B		KVA PHASE C	
PANELBOARD NAME		SEC / NOOD		SW		IG		214		178		20.93	
MANUFACTURER / TYPE		208 Y 120		GF		HA		KVA PHASE A		KVA PHASE B		KVA PHASE C	
VOLTS		3 / 4		HA		HA		178		168		212	
PHASE / WIRE		M.L.O. / 225		SHUNT TRIP		ST		AMPS PHASE A		AMPS PHASE B		AMPS PHASE C	
MAIN TYPE / CU BUS AMPS		65000		LOCK-ON		LO		4885		4885		4885	
AIC RATING		SURFACE		NOTES		SEE E-6.0 FOR CAN DEPTH		KVA CONNECTED		KVA DIVERSIFIED		AMPS CONNECTED	
MOUNTING		3R		1		1		57.01		164.7		158.2	
NEMA RATING		1		1		1		57.01		164.7		158.2	
QUANTITY OF SECTIONS		1		1		1		57.01		164.7		158.2	
CR NO.	LOAD DESCRIPTION	EOP NO.	LOAD TYPE	LOAD KVA	CR BKR	PH	CR BKR	LOAD KVA	LOAD TYPE	EOP NO.	LOAD DESCRIPTION	CR NO.	LOAD
1	TELE RECEPTACLE	2	R	0.06	201	A	201	118	K	212	FLOOR MIXER	2	
3	OFF GEN MUSIC	2	R	0.96	201	B	201	168	K	212	TEA BREWER	4	
5	OFF GEN PRINTERS	2	R	0.72	201	C	201	0.96	R		GEN. OUTLETS	6	
7	DRINK TOWERS	205	K	0.32	201	A	201	1.44	MS		WATER HEAT	8	
9	GENERAL OUTLETS	2	R	0.96	201	B	201	178	K	212	FLAT AREA RECEPT	10	
11	FFM	2	R	0.96	201	C	201	178	K	212	COFFEE MAKER	12	
13	LIC REFRIG	229	K	0.29	201A	A	201	0.36	R		REF. HOLD CAB	14	
15	LIC REFRIG	229	K	0.29	201A	B	201	0.36	R		MUSIC	16	
17	FFM	2	R	0.96	201	C	201	178	K	212	GEN. OUTLET/DBELL	18	
19	FFM	2	R	0.96	201	C	201	178	K	212	GENERATOR STARTER	20	
21	FFM	2	R	0.96	201	C	201	178	K	212	BATTERY CHARGE GEN	22	
23	SANDWICH SLIDE	191	K	1.26	201	C	201	1.26	K		SPARE	24	
25	FFM	2	R	0.96	201	C	201	178	K	212	SPARE	26	
27	CARBONATOR	207	K	0.86	201	B	201	1.26	K		PANEL POS	28	
29	CARBONATOR	207	K	0.86	201	A	201	1.26	K		SPARE	30	
31	CARBONATOR	207	K	0.86	201	A	201	1.26	K		SPARE	32	
33	CARBONATOR	207	K	0.86	201	B	201	1.26	K		SPARE	34	
35	BOOSTER PUMP	M	L44	201	C	201					SPARE	36	
37	FFM	M	L44	201	C	201					SPARE	38	
39	EMPL. AREA OUTLETS	R	0.72	201	B						6.00 HV	40	
41	FFM	M	L44	201	C	201					6.00 HV	42	
*A/P/O INDICATES CIRCUIT BREAKER AMPACITY/NO. POLES/OPTIONS, PROVIDE OPTIONS INDICATED.													
LOAD SUMMARY													
LOAD DESCRIPTION	TYPE	KVA	X	DEMAND FACTOR	DIVERSIFIED KVA								
LIGHTING	L	0		125	0								
EXTERIOR LIGHTING/SIGNAGE	EL	4.5		125	4.5								
RECEPTACLES	R	0		PERNOKVA500	4.5								
MISCELLANEOUS	MS	1.44		125	1.9								
HVAC	HV	18		1	18								
HEAT	HT	8.39		1	8.39								
SINGLE PHASE MOTOR	M	71		125	8.75								
LARGEST MOTOR	LM	10.02		0.25	25.05								
THREE PHASE MOTOR	M3	0		1	0								
KITCHEN	K	19.508		0.65	12.94								
TOTAL					69.558	TOTAL							

L RDT PANELBOARD SCHEDULE													
PANELBOARD DESCRIPTION				BREAKER OPTIONS				LOADS					
PANELBOARD NAME		MANUFACTURER / TYPE		SWITCH RATED		ISOLATED GROUND		KVA PHASE A		KVA PHASE B		KVA PHASE C	
PANELBOARD NAME		SEC / NOOD		SW		IG		50.93		42.78		42.78	
MANUFACTURER / TYPE		208 Y 120		GF		HA		KVA PHASE A		KVA PHASE B		KVA PHASE C	
VOLTS		3 / 4		HA		HA		42.78		42.78		42.78	
PHASE / WIRE		M.L.O. / 400		SHUNT TRIP		ST		AMPS PHASE A		AMPS PHASE B		AMPS PHASE C	
MAIN TYPE / CU BUS AMPS		65000		LOCK-ON		LO		357.9		357.9		357.9	
AIC RATING		SURFACE		NOTES		SEE E-6.0 FOR CAN DEPTH		KVA CONNECTED		KVA DIVERSIFIED		AMPS CONNECTED	
MOUNTING		3R		1		1		126.4		158		106.3	
NEMA RATING		1		1		1		126.4		158		106.3	
QUANTITY OF SECTIONS		1		1		1		126.4		158		106.3	
CR NO.	LOAD DESCRIPTION	EOP NO.	LOAD TYPE	LOAD KVA	CR BKR	PH	CR BKR	LOAD KVA	LOAD TYPE	EOP NO.	LOAD DESCRIPTION	CR NO.	LOAD
1	EMPLOYEE LTS	L	0.96	201	A	201	152	EL			BUILDING SIGNAGE	2	
3	KITCHEN LTS	L	0.96	201	B	201	162	EL			BUILDING SIGNAGE	4	
5	RESTROOM LTS	L	1.00	201	C	201	162	EL			SPARE	6	
7	DINING AREA W/IN LTS	L	0.88	201	A	201					SPARE	8	
9	PLAYGROUND	L	0.80	201	B	201					SPARE	10	
11	DINING AREA LTS	L	1.52	201	C	201	0.99	EL			SECURITY LIGHTS	12	
13	DINING AREA LTS	L	1.47	201	A	201	5.46	EL			AIC-2 (LGMED BLDG)	14	
15	SERVING AREA LTS	L	0.72	201	B	201						16	
17	MEN/BOARDS	L	1.74	201	C	201						18	
19	DIRECTIONAL SIGNS	EL	1.62	201	A	201	1.00	EL			AWNING	20	
21	PARKING LOT LTS	EL	1.40	201	B	201	0.89	EL			WALL PACK	22	
23	PARKING LOT LTS	EL	1.40	201	C	201	0.72	EL			GOOSENECKS	24	
25	PARKING LOT LTS	EL	1.40	201	A	201	5.46	EL			AIC-2 (LGMED BLDG)	26	
27	PARKING LOT LTS	EL	1.40	201	B	201						28	
29	PARKING LOT LTS	EL	1.40	201	C	201						30	
31	PARKING LOT LTS	EL	1.40	201	A	201						32	
33	MEN/BOARD LTS	EL	1.02	201	B	201					SPARE	34	
35	RESTROOM LTS	240M	L	1.00	181	C	201				SPARE	36	
37	MAIN ID SIGN	EL	1.62	201	A	201	0.78	L			DT CAN/PRESSEL	38	
39	MAIN ID SIGN	EL	1.62	201	B	201	1.62	EL			BUILDING SIGNAGE	40	
41	MAIN ID SIGN	EL	1.62	201	C	201	1.62	EL			BUILDING SIGNAGE	42	
*A/P/O INDICATES CIRCUIT BREAKER AMPACITY/NO. POLES/OPTIONS, PROVIDE OPTIONS INDICATED.													
LOAD SUMMARY													
LOAD DESCRIPTION	TYPE	KVA	X	DEMAND FACTOR	DIVERSIFIED KVA								
LIGHTING	L	12.12		125	15.15								
EXTERIOR LIGHTING/SIGNAGE	EL	24.46		125	30.56								
RECEPTACLES	R	0		PERNOKVA500	0								
MISCELLANEOUS	MS	0		1	0								
HVAC	HV	24.67		1	24.67								
HEAT	HT	0		1	0								
SINGLE PHASE MOTOR	M	0		125	0.00								
LARGEST MOTOR	LM	0		0.25	0.00								
THREE PHASE MOTOR	M3	0		1	0								
KITCHEN	K	0		0.7	0								
TOTAL					73.65	TOTAL							

L RDT PANELBOARD SCHEDULE													
PANELBOARD DESCRIPTION				BREAKER OPTIONS				LOADS					
PANELBOARD NAME		MANUFACTURER / TYPE		SWITCH RATED		ISOLATED GROUND		KVA PHASE A		KVA PHASE B		KVA PHASE C	
PANELBOARD NAME		SEC / NOOD		SW		IG		19.3		17.6		18.92	
MANUFACTURER / TYPE		208 Y 120		GF		HA		KVA PHASE A		KVA PHASE B		KVA PHASE C	
VOLTS		3 / 4		HA		HA		16.8		16.8		16.8	
PHASE / WIRE		M.L.O. / 225		SHUNT TRIP		ST		AMPS PHASE A		AMPS PHASE B		AMPS PHASE C	
MAIN TYPE / CU BUS AMPS		65000		LOCK-ON		LO		155.4		155.4		155.4	
AIC RATING		SURFACE		NOTES		SEE E-6.0 FOR CAN DEPTH		KVA CONNECTED		KVA DIVERSIFIED		AMPS CONNECTED	
MOUNTING		3R		1		1		55.55		47.52		154.2	
NEMA RATING		1		1		1		55.55		47.52		154.2	
QUANTITY OF SECTIONS		1		1		1		55.55		47.52		154.2	
CR NO.	LOAD DESCRIPTION	EOP NO.	LOAD TYPE	LOAD KVA	CR BKR	PH	CR BKR	LOAD KVA	LOAD TYPE	EOP NO.	LOAD DESCRIPTION	CR NO.	LOAD
1	ICE MAKER	222	K	2.02	201A	A	201	0.38	EL		REFUSE ENCLOSURE	2	
3	FFM	222	K	2.02	201	B	201	0.36	R		GEN. OUTLETS	4	
5	FFM	222	K	2.02	201	C	201	1.67	K	249	FOOD WARMER	6	
7	BLN WARMER	246	K	1.66	201A	A	201	0.97	K	227	REF. DISPLY CASE	8	
9	FFM	246	K	1.66	201	B	201	1.25	K	236	SPL. RI-FREEZER	10	
11	SANDWICH TOASTER	243	K	0.72	201	C	201	1.85	L	18	REF. HOLDING STAT	12	
13	DISCUT HOLD CAB	251	K	0.29	201	A	201	1.04	K	247	WARNING DRAWER	14	
15	COFFEE WARMER	217	K	0.46	201	B	201	0.50	MS		DT. WINDOW	16	
17	SINGLE JUICE DISP.	319	K	0.36	201	C	201	0.70	K	242	THAWING CABINET	18	
19	ICE CREAM MACHINE	224	K	2.04	201A	A	201	0.70	K	231	REF. BREAD TABLE	20	
21	FFM	224	K	2.04	201	B	201	0.96	R		GEN. OUTLETS	22	
23	FFM	224	K	2.04	201	C	201				SPARE	24	
25	ROOF RECEPTACLES	R	0.72	201	A	201	0.70	K	234	REF. WORK TABLE	26		
27	GENERAL OUTLETS	R	1.08	201	B	201	1.92	K	234	REF. WORK TABLE	28		
29	SPARE			201	C	201	0.70	K	234	FOOD CUTTER	30		
31	FLY SYSTEM	734	MS	0.32	201	A	201	0.70	K	234	REF. WORK TABLE	32	
33	DOUBLE JUICE DISP.	220	K	0.48	201	B	201	0.70	K	234	REF. WORK TABLE	34	
35	LEMON JUICER STAND	R	0.36	201	C	201	1.00	MS			T-SOOL/SLANT TRIP	36	
37	SPARE			201	A	201	6.00	HV			A/C/S/CL/BLDGS	38	
39	SPARE			201	B	201	6.00	HV				40	
41	SPARE			201	C	201	6.00	HV	</				

ELECTRICAL SPECIFICATIONS

SECTION 16001 - ELECTRICAL GENERAL PROVISIONS

PART 1 - GENERAL

1.01 WORK INCLUDED

- A. PROVIDE ALL MATERIALS, LABOR AND EQUIPMENT REQUIRED TO FURNISH AND INSTALL A COMPLETE ELECTRICAL SYSTEM AS INDICATED ON DRAWINGS AND AS SPECIFIED HEREIN.

1.02 REGULATORY REQUIREMENTS

- A. EQUIPMENT FURNISHED SHALL BE UL LISTED WHERE SUCH LABEL IS AVAILABLE. INSTALLATION SHALL CONFORM TO UL STANDARDS WHERE APPLICABLE.
- B. ELECTRICAL WORK SHALL BE INSTALLED IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS, EDITION OF NEC AND NFPA CODES, IN EFFECT AT PROJECT LOCATION, STATE AND LOCAL ELECTRICAL AND BUILDING CODES AND SPECIAL CODES HAVING JURISDICTION OVER SPECIFIC PORTIONS WITH-IN COMPLETE INSTALLATION.
- C. OBTAIN PERMITS AND CERTIFICATES OF APPROVAL FROM ALL AUTHORITIES HAVING JURISDICTION OVER THE INSTALLATION AND PAY ALL FEES REQUIRED.

1.03 SUBMITTALS

- A. SUBMIT LIST OF MATERIALS AND EQUIPMENT PRIOR TO MANUFACTURE, ORDER OR INSTALLATION AND WITHIN TWENTY DAYS AFTER AWARD OF CONTRACT FOR APPROVAL. INCLUDE EACH ITEM OF MATERIAL AND EQUIPMENT WHETHER OR NOT SHOP DRAWINGS ARE ALSO REQUIRED. LIST SHALL INCLUDE MANUFACTURER'S NAME, CATALOG NUMBER AND OTHER COMPLETE IDENTIFICATION AS WELL AS DIMENSIONS AND DETAILED DATA. SUBMITTALS SHALL INCLUDE THE FOLLOWING:

LIGHTING FIXTURES
PANELBOARDS/BREAKERS
WIRING DEVICES AND DEVICE PLATES
ENCLOSED SWITCHES
UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEM

- B. CERTIFIED SHOP DRAWINGS AND SUBMITTALS SHALL BEAR STAMP OF APPROVAL OF CONTRACTOR AS EVIDENCE THAT DRAWINGS HAVE BEEN CHECKED. DRAWINGS SUBMITTED WITHOUT THIS STAMP OF APPROVAL WILL NOT BE CONSIDERED AND WILL BE RETURNED FOR PROPER RESUBMISSION.
- C. IF SUBMITTALS SHOW VARIANCES OR SUBSTITUTIONS FROM REQUIREMENTS OF CONTRACT, CONTRACTOR SHALL MAKE SPECIFIC MENTION OF SUCH VARIATION IN HIS LETTER OF TRANSMITTAL IN ORDER THAT, IF ACCEPTABLE, SUITABLE ACTION MAY BE TAKEN FOR PROPER ADJUSTMENT. OTHERWISE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR EXECUTING WORK IN ACCORDANCE WITH CONTRACT EVEN THOUGH SUCH SUBMITTALS HAVE BEEN APPROVED.

1.04 SITE VISIT

- A. VISIT JOB SITE PRIOR TO BID DATE TO DETERMINE ACTUAL CONDITIONS UNDER WHICH WORK SHALL BE DONE, TO FAMILIARIZE ONESELF WITH PROJECT AND TO VERIFY TOTAL SCOPE OF WORK REQUIRED. FAILURE TO DO SO SHALL NOT CONSTITUTE A REASON FOR AN EXTRA CHARGE.

SECTION 16050 - BASIC MATERIALS AND METHODS

PART 1 - GENERAL

1.01 COORDINATION

- A. OBTAIN AND REVIEW SHOP DRAWINGS, PRODUCT DATA, AND MANUFACTURER'S INSTRUCTIONS FOR EQUIPMENT FURNISHED UNDER OTHER SECTIONS TO DETERMINE CONNECTION LOCATIONS AND REQUIREMENTS.
- B. SEQUENCE ROUGH-IN OF ELECTRICAL CONNECTIONS TO COORDINATE WITH INSTALLATION AND START-UP OF EQUIPMENT FURNISHED UNDER OTHER SECTIONS.

PART 2 - PRODUCTS

2.01 SUBSTITUTIONS

- A. WHERE SPECIFICATIONS LIST ONE OR MORE MANUFACTURERS AND DO NOT INCLUDE "OR APPROVED EQUAL," FURNISH MATERIALS MADE BY ONE OF MANUFACTURERS LISTED. WHERE "OR APPROVED EQUAL" IS INCLUDED, CONTRACTOR MAY SUBSTITUTE EQUAL PRODUCTS BY ANOTHER MANUFACTURER SUBJECT TO APPROVAL BY ENGINEER AND OWNER.

PART 3 - EXECUTION

3.01 INSTALLATION

- A. MAKE ELECTRICAL CONNECTIONS TO UTILIZATION EQUIPMENT IN ACCORDANCE WITH EQUIPMENT MANUFACTURER'S INSTRUCTIONS.
- B. DRAWINGS ARE DIAGRAMATIC AND SHALL NOT BE SCALED FOR EXACT SIZES OR LOCATIONS. THEY ARE NOT INTENDED TO DISCLOSE ABSOLUTE OR UNCONDITIONAL KNOWLEDGE OF ACTUAL FIELD CONDITIONS.
- C. PROTECT WORK AND MATERIALS FROM DAMAGE BY WEATHER, ENTRANCE OF WATER AND DIRT. CAP CONDUIT DURING INSTALLATION. AVOID DAMAGE TO MATERIALS AND EQUIPMENT IN PLACE.
- D. SATISFACTORILY REPAIR OR REMOVE AND REPLACE DAMAGED WORK WITH NEW MATERIALS. DELIVER EQUIPMENT AND MATERIALS TO JOB SITE IN ORIGINAL, UNOPENED, LABELED CONTAINERS. STORE FERROUS MATERIALS TO PREVENT RUSTING. STORE FINISHED MATERIALS AND EQUIPMENT TO PREVENT STAINING AND DISCOLORING.
- E. TRENCHES SHALL BE EXCAVATED 6" BELOW ELEVATION OF BOTTOM OF CONDUIT.
- F. FAILURE TO ROUTE CONDUIT THROUGH BUILDING WITHOUT INTERFERING WITH OTHER EQUIPMENT AND CONSTRUCTION SHALL NOT CONSTITUTE A REASON FOR AN EXTRA CHARGE. EQUIPMENT, CONDUIT AND FIXTURES SHALL FIT INTO AVAILABLE SPACES IN BUILDING AND SHALL NOT BE INTRODUCED INTO BUILDING AT SUCH TIMES AND MANNER AS TO CAUSE DAMAGE TO STRUCTURE. EQUIPMENT REQUIRING SERVICE SHALL BE READILY ACCESSIBLE.

3.02 TESTING AND EQUIPMENT SERVICING

- A. MAKE TEST TO ENSURE THAT ENTIRE SYSTEM IS IN PROPER OPERATING CONDITION, AND THAT ADJUSTMENTS AND APPARATUS SETTING OF CIRCUIT BREAKERS, FUSES, CONTROL EQUIPMENT AND APPARATUS HAVE BEEN MADE. CORRECT DEFECTS DISCOVERED DURING TESTS.

3.03 REMOVAL OF DEBRIS

- A. REMOVE SURPLUS MATERIALS AND DEBRIS CAUSED BY, OR INCIDENTAL TO, ELECTRICAL WORK. REMOVE SUCH DEBRIS AT FREQUENT INTERVALS. KEEP JOB CLEAN DURING CONSTRUCTION.

3.04 IDENTIFICATION OF EQUIPMENT

- A. IDENTIFY ELECTRICAL DISTRIBUTION EQUIPMENT, DISCONNECTS, AND CONTACTORS WITH BLACK LAMINATED PLASTIC NAME-PLATES, ATTACHED WITH TWO SCREWS, ENGRAVED WITH 1/4" HIGH, WHITE LETTERS.

3.05 TEMPORARY LIGHTING AND POWER IN AREAS OF CONSTRUCTION

- A. PROVIDE, MAINTAIN AND REMOVE AFTER CONSTRUCTION IS COMPLETED, TEMPORARY LIGHTING ADEQUATE FOR WORKMAN SAFETY AND TEMPORARY POWER FOR ALL TRADES INCLUDING ANY 3-PHASE POWER REQUIRED.

- B. PROVIDE AND MAINTAIN BARRICADE LIGHTING WHERE REQUIRED TO ADEQUATELY PROTECT OWNER AGAINST LIABILITY FOR DAMAGE TO PUBLIC OR PERSONNEL. ALL LAMPS USED IN BARRICADE SHALL BE 60 WATT RED, INSTALLED IN WEATHERPROOF SOCKET WITH WIRE GUARD. ALL WIRING SHALL BE APPROVED FOR WEATHERPROOF INSTALLATION.

3.06 GUARANTEE-WARRANTY

- A. GUARANTEE WORK TO BE FREE FROM DEFECTS OF MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE OF BUILDING. REPAIR AND REPLACE DEFECTIVE WORK AND OTHER WORK DAMAGED THEREBY WHICH BECOMES DEFECTIVE DURING TERM OF GUARANTEE-WARRANTY. FURNISH OWNER WITH THREE WRITTEN COPIES OF GUARANTEE-WARRANTY.

SECTION 16111 - RACEWAYS AND CONDUIT SYSTEMS

PART 1 - PRODUCTS

1.01 ACCEPTABLE MANUFACTURERS

- A. RIGID IMC AND EMT CONDUIT SHALL BE HOT-DIPPED, GALVANIZED, OR ELECTROGALVANIZED STEEL BY ALLIED, REPUBLIC, TRIANGLE, WHEATLAND, OR APPROVED EQUAL.
- B. PVC CONDUIT SHALL BE CARLON, SCHEDULE 40, 90 DEGREES C. RATED, UNLESS OTHERWISE NOTED.
- C. MC CABLE SHALL BE MANUFACTURED BY AFC CABLE SYSTEMS OR APPROVED EQUAL. TYPE "AC-90" IS NOT ALLOWED. ALL MC CABLES SHALL HAVE A GREEN EQUIPMENT GROUND CONDUCTOR AND AN ISOLATED GROUND (GREEN + YELLOW STRIPE) CONDUCTOR. CABLES FOR DATA SYSTEMS POWER CIRCUITS SHALL BE AS SPECIFIED ON PLANS.
- D. ASSOCIATED COUPLINGS, CONNECTORS AND FITTINGS SHALL BE STEEL AS MANUFACTURED BY RACO OR EQUIVALENT. CATALOG NUMBERS USED BELOW ARE THOSE OF RACO.
- E. ERICKSON COUPLINGS, SERIES 1502, SHALL BE USED WHERE NEITHER LENGTH OF CONDUIT CAN BE ROTATED.
- F. INSULATED BUSHINGS SHALL BE SERIES 1402.
- G. EMT BOX CONNECTORS SHALL BE COMPRESSION FITTINGS.
- H. CONDUIT, CONNECTORS, COUPLINGS AND FITTINGS SHALL BE UL LISTED AND LABELED.

1.02 ELECTRICAL METALLIC TUBING (EMT)

- A. USE ELECTRIC METALLIC TUBING (EMT) WHERE DRAWINGS CALL FOR CONDUIT TO BE:
1. CONCEALED IN WALLS.
 2. INSTALLED ABOVE SUSPENDED CEILING.
 3. INSTALLED EXPOSED, ABOVE 6 FEET.

1.03 INTERMEDIATE METAL CONDUIT (IMC)

- A. USE INTERMEDIATE METAL CONDUIT (IMC) WHERE DRAWINGS CALL FOR CONDUIT TO BE:
1. INSTALLED FOR PANELBOARD FEEDERS.
 2. INSTALLED IN WET LOCATIONS (INTERIOR AND EXTERIOR).
 3. INSTALLED EXPOSED BELOW 6 FEET.

1.04 POLYVINYL CHLORIDE (PVC)

- A. USE PVC FOR:
1. UNDERGROUND SERVICE ENTRANCE CONDUITS FOR TELEPHONE AND POWER.
 2. EXTERIOR BRANCH CIRCUITS INSTALLED UNDERGROUND.
 3. INTERIOR BRANCH CIRCUIT CONDUITS INSTALLED IN CONCRETE SLAB ON GROUND FLOOR.

1.05 RIGID STEEL CONDUIT (RSC)

1. INSTALL UNDERGROUND FOR POWER SERVICE ENTRANCE ELBOWS PENETRATING FLOOR SLAB.
2. EXPOSED TO PHYSICAL DAMAGE.

1.06 FLEXIBLE METAL CONDUIT

- A. PROVIDE FLEXIBLE METAL CONDUIT FOR TERMINATION AT EQUIPMENT SUBJECT TO MOTION AND VIBRATION.
- B. LENGTH SHALL NOT EXCEED 6 FEET IN ACCESSIBLE CEILING AREAS.
- C. SHALL NOT BE CONCEALED IN WALLS.
- D. WHERE EXPOSED TO CONTINUOUS OR INTERMITTENT MOISTURE, CONDUIT SHALL BE UL TYPE EF LIQUID TIGHT.
- E. FOR CONNECTION TO CEILING MOUNTED LIGHTING FIXTURES FROM OUTLET BOXES.

1.07 MC CABLE

- A. MC CABLE MAY BE USED, CONCEALED ABOVE CEILING AND IN WALLS, WHEN ALLOWED BY LOCAL CODES AND ARTICLE 334 OF THE NATIONAL ELECTRICAL CODE FOR THE CONNECTION OF THE POINT OF SALES SYSTEM EQUIPMENT ONLY.

PART 2 - EXECUTION

2.01 INSTALLATION

- A. MINIMUM SIZE OF CONDUITS SHALL BE 1/2 INCH.
- B. RUN CONCEALED CONDUITS IN DIRECT LINE WITH LONG SWEEP BENDS OR OFFSETS. RUN EXPOSED CONDUITS PARALLEL TO AND AT RIGHT ANGLES TO BUILDING LINES. GROUP MULTIPLE CONDUIT RUNS IN BANKS.
- C. CAP ENDS OF CONDUITS TO PREVENT ENTRANCE OF WATER AND OTHER FOREIGN MATERIAL DURING CONSTRUCTION.
- D. PROVIDE NO.12 AWG COPPER PULL WIRES OR NYLON CORD IN ALL EMPTY CONDUITS. STEEL WIRE NOT ACCEPTABLE AS PULL WIRE.
- E. WHERE IMC CONDUIT ENTERS A CABINET, JUNCTION BOX, OR PULL BOX CONDUCTORS SHALL BE PROTECTED BY AN INSULATED BUSHING. LOCKNUTS SHALL BE INSTALLED ON CONDUIT OUTSIDE AND INSIDE ENCLOSURE.
- F. IN AREAS WHERE ENCLOSED AND GASKETED FIXTURES AND WEATHERPROOF DEVICES ARE SPECIFIED, WHERE RIGID CONDUIT ENTERS A SHEET METAL ENCLOSURE, JUNCTION BOX AND OUTLET BOX, AND NOT TERMINATED IN A THREADED HUB, A STEEL, OR MALLEABLE IRON NYLON INSULATED HUB, COMPLETE WITH RECESSED SEALING 'O' RING OR SEALING LOCKNUT SHALL BE USED.
- G. PROVIDE SEAL-OFF FITTING IN ALL CONDUITS ENTERING A COLD TEMPERATURE AREA SUCH AS FREEZERS AND DRY REFRIGERATORS.
- H. IN CONCRETE SLABS, BLOCK UP CONDUIT FROM FORMS AND SECURELY FASTEN IN PLACE. ALL CONDUITS IN SLABS SHALL HAVE A MINIMUM OF 4" INCHES CONCRETE COVERAGE ABOVE.
- I. FAILURE TO ROUTE CONDUIT THROUGH BUILDING WITHOUT INTERFERING WITH OTHER EQUIPMENT, AND CONSTRUCTION SHALL NOT CONSTITUTE A REASON FOR AN EXTRA CHARGE. EQUIPMENT, CONDUIT, AND FIXTURES SHALL FIT INTO AVAILABLE SPACES IN BUILDING AND SHALL NOT BE INTRODUCED INTO BUILDING AT SUCH TIMES AND MANNER AS TO CAUSE DAMAGE TO STRUCTURE OR EQUIPMENT. EQUIPMENT REQUIRING SERVICING SHALL BE READILY ACCESSIBLE.

2.02 EMT

- A. DO NOT USE ELECTRIC METALLIC TUBING IN CINDER CONCRETE OR CINDER FILL OR WHERE CONDUIT SYSTEM IS IN CONTACT WITH DISSIMILAR METALS OR IN WET LOCATIONS.

2.03 PVC

- A. USE THREADED FITTINGS FOR ALL CONNECTORS AND ADAPTERS.

- B. PROVIDE 1/4-INCH NYLON PULL ROPE IN ALL PRIMARY POWER AND INCOMING TELEPHONE SERVICE ENTRANCE CONDUITS.
- C. NO EXTERIOR PVC SHALL EMERGE FROM THE GROUND OR THE CONCRETE SLAB OR ENCASUREMENT. EXTERIOR PVC CONDUIT SHALL CONVERT TO GALVANIZED RIGID METAL PRIOR TO ITS EMERGENCE.

2.04 FLEXIBLE METAL CONDUIT

- A. WHERE FITTINGS FOR LIQUID TIGHT FLEXIBLE CONDUIT ARE BROUGHT INTO AN ENCLOSURE WITH A KNOCK-OUT, A GASKET ASSEMBLY, CONSISTING OF ONE PIECE 'O' RING, WITH BUNA-N SEALING MATERIAL, SERIES 3400, SHALL BE INSTALLED ON OUTSIDE OF BOX. FITTINGS SHALL BE MADE OF EITHER STEEL OR MALLEABLE IRON ONLY, AND SHALL HAVE INSULATED THROATS OR INSULATED BUSHINGS.
- B. IN DRY LOCATIONS, WHERE FINAL CONNECTIONS TO MOTORS AND OTHER EQUIPMENT MAY BE MADE WITH FLEXIBLE METAL CONDUIT, FITTINGS SHALL BE OF STEEL OR MALLEABLE IRON ONLY WITH INSULATED THROATS OR INSULATED BUSHINGS, AND SHALL BE OF WEDGE AND SCREW TYPE HAVING AN ANGULAR WEDGE FITTING BETWEEN CONVOLUTIONS OF CONDUIT.

SECTION 16123 - CONDUCTORS

PART 1 - PRODUCTS

1.01 CONDUCTORS

- A. PROVIDE 98% CONDUCTIVITY COPPER CONDUCTORS WITH 600-VOLT INSULATION FOR CONDUCTORS NO. 12 AWG AND NO. 10 AWG, PROVIDE SOLID TYPE FOR ALL CONDUCTORS NO. 8 AWG AND LARGER, PROVIDE STRANDED TYPE. ALL CONDUCTORS SHALL HAVE TH-IN-TW-IN INSULATION UNLESS NOTED OTHERWISE.
- B. CONDUCTORS SHALL BE MANUFACTURED BY TRIANGLE, AMERICAN, ROME, SOUTHWIRE OR APPROVED EQUAL.
- C. PROVIDE NO. 14 AWG TYPE TH-IN FIXTURE CONDUCTORS, FOR CONDUCTORS ENTERING FIXTURES.
- D. BRANCH CIRCUIT CONDUCTORS SHALL BE MINIMUM #12 AWG COPPER.

PART 2 - EXECUTION

2.01 INSTALLATION

- A. INSTALL PULL BOXES IN CIRCUITS OR FEEDERS OVER 100' LONG.
- B. MAKE ALL SPLICES OR CONNECTIONS ONLY AT OUTLET, PULL OR JUNCTION BOXES.
- C. ALL CONDUCTORS AND CONNECTIONS SHALL TEST FREE OF GROUNDS, SHORTS, AND OPENS PRIOR TO ENERGIZING CIRCUIT.
- D. PROVIDE NO. 10 WIRE IN LIEU OF NO. 12 WIRE FOR ANY BRANCH CIRCUIT IN EXCESS OF 100' LINEAR LENGTH TO PREVENT EXCESSIVE VOLTAGE DROP.
- E. USE IDEAL WING NUTS, SCOTCH-LOK TYPE Y, R, G, OR B, OR APPROVED EQUIVALENT CONNECTORS FOR FIXTURE CONNECTIONS AT OUTLET BOXES.
- F. MAKE FEEDER TAPS AND JOINTS WITH OZ TYPE T, PT, PM OR PTS, OR APPROVED EQUIVALENT CLAMP CONNECTORS AS MANUFACTURED BY KLEPPEL, OR WITH APPROVED COMPRESSION SLEEVES. WRAP CONNECTORS WITH NO. 10 ELECTRO-SEAL OR APPROVED EQUIVALENT PLASTIC FILLER AND VINYL TAPE.
- G. LEAVE A MINIMUM OF 8' SLACK WIRE IN EVERY OUTLET BOX.
- H. PROVIDE COLOR CODED WIRE AND WITH A DIFFERENT COLOR FOR EACH PHASE AND NEUTRAL AND GROUND AS FOLLOWS: PHASE A, B, C BLACK, RED AND BLUE RESPECTIVELY, NEUTRAL: WHITE, ISOLATED GROUND: GREEN WITH YELLOW STRIPES. APPROVED COLOR TAPE IS ACCEPTABLE FOR FEEDERS USING LARGER THAN #6 CONDUCTORS.
- I. ALL CONDUCTORS SHALL BE CONTINUOUS FROM ORIGIN TO PANEL OR EQUIPMENT TERMINATION WITHOUT SPLICES WHERE POSSIBLE. WHERE SPLICES AND TAPS ARE NECESSARY OR ARE REQUIRED, THEY SHALL BE MADE IN SPLICE BOXES WITH SUITABLE CONNECTORS.
- J. TIGHTEN ALL ELECTRICAL CONNECTORS AND TERMINALS, INCLUDING SCREWS AND BOLTS, IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED TORQUE TIGHTENING VALUES. WHERE MANUFACTURER'S TORQUING REQUIREMENTS ARE NOT INDICATED, TIGHTEN CONNECTORS AND TERMINALS TO COMPLY WITH TIGHTENING TORQUES SPECIFIED IN UL486A AND UL486B.

SECTION 16130 - OUTLET AND JUNCTION BOXES

PART 1 - GENERAL

1.01 PROJECT CONDITIONS

- A. VERIFY FIELD MEASUREMENTS ARE AS SHOWN ON DRAWINGS.
- B. VERIFY LOCATIONS OF FLOOR BOXES AND OUTLETS IN WORK AREAS PRIOR TO ROUGH-IN.

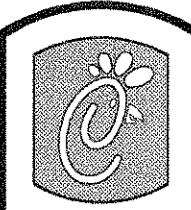
PART 2 - PRODUCTS

2.01 OUTLET BOXES

- A. SHEET METAL OUTLET BOXES - GALVANIZED STEEL.
- B. CAST BOXES: TYPES: CAST FERROUS ALLOY. PROVIDE GASKETED COVER BY BOX MANUFACTURER.
- C. MANUFACTURERS: NATIONAL, APPLETON, GENERAL ELECTRIC, RACO, OR STEEL CITY.
- D. PROVIDE BOXES FOR FIXTURES WITH FIXTURE STUDS IN CENTER.
- E. OUTLET BOXES FOR LIGHTING, SWITCHES AND RECEPTACLES IN INTERIOR AREAS WITH EXPOSED CONDUIT SHALL BE PRESSED STEEL AND IN EXTERIOR AREAS WITH EXPOSED CONDUIT SHALL BE CAST METAL WITH THREADED HUBS. FS TYPE USE GALVANIZED STEEL FOR CONCEALED BOXES. BOXES SHALL BE 1/2" DEEP MINIMUM.

2.02 PULL AND JUNCTION BOXES

- A. SHEET METAL BOXES - GALVANIZED STEEL.
- B. SURFACE-MOUNTED CAST METAL BOX TYPE 4, FLAT-FLANGED, SURFACE-MOUNTED JUNCTION BOX.
1. MATERIAL: GALVANIZED CAST IRON.
 2. COVER: FURNISH WITH GROUND FLANGE, NEOPRENE GASKET, AND STAINLESS STEEL COVER SCREWS.
- C. IN-GROUND CAST METAL BOX: INSIDE FLANGED, RECESSED COVER BOX FOR-FLUSH MOUNTING.
1. MATERIAL: GALVANIZED CAST IRON.
 2. COVER: NONSKID COVER WITH NEOPRENE GASKET AND STAINLESS STEEL COVER SCREWS.
 3. COVER LEGEND: ELECTRIC.
- D. MANUFACTURERS: NATIONAL, APPLETON, GENERAL ELECTRIC, RACO, OZ-GEDNEY OR STEEL CITY.



5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:
Mark Date By

△

Mark Date By

△

Mark Date By

△

Seal

AA 004320
CA 8660
9381 LEE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32818
PH 407 445 8038
FX 407 429 9124

INTERPLAN
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES
FSU 03--A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
ELECTRICAL
SPECIFICATIONS

DWG EDITION 03.8
Job No. : 2004.0255
Store : 1740
Date : 8/30/04
Drawn By :
Checked By :
Sheet
E-7.0

ELECTRICAL SPECIFICATIONS (CONTINUED)

PART 3 - EXECUTION

3.01 INSTALLATION

- A. INSTALL ELECTRICAL BOXES AS SHOWN ON DRAWINGS, AND AS REQUIRED FOR SPLICES, TAPS, WIRE PULLING, EQUIPMENT CONNECTIONS AND COMPLIANCE WITH REGULATORY REQUIREMENTS.
- B. INSTALL PULL BOXES AND JUNCTION BOXES ABOVE ACCESSIBLE CEILINGS.
- C. INACCESSIBLE CEILING AREAS: INSTALL OUTLET AND JUNCTION BOXES NO MORE THAN 6 INCHES FROM CEILING ACCESS PANEL OR FROM REMOVABLE RECESSED LIGHT FIXTURE.
- D. USE FLUSH MOUNTING OUTLET BOXES IN FINISHED AREAS.
- E. USE STAMPED STEEL BRIDGES TO FASTEN FLUSH MOUNTING OUTLET BOX BETWEEN STUDS.
- F. INSTALL FLUSH MOUNTED BOX WITHOUT DAMAGING WALL INSULATION OR REDUCING ITS EFFECTIVENESS.
- G. USE ADJUSTABLE STEEL CHANNEL FASTENERS FOR HUNG CEILING OUTLET BOX.
- H. DO NOT FASTEN BOXES TO CEILING SUPPORT WIRES.
- I. SUPPORT BOXES INDEPENDENTLY OF CONDUIT, EXCEPT CAST BOX THAT IS CONNECTED TO TWO RIGID METAL CONDUITS BOTH SUPPORTED WITHIN 12 INCHES OF BOX.
- J. USE GANG BOX WHERE MORE THAN ONE DEVICE IS MOUNTED TOGETHER. DO NOT USE SECTIONAL BOX.
- K. USE GANG BOX WITH PLASTER RING FOR SINGLE DEVICE OUTLETS.
- L. USE CAST OUTLET BOX IN EXTERIOR LOCATIONS AND WET LOCATIONS.

3.02 OUTLET BOXES

- A. SELECT BOXES ACCORDING TO INTENDED USE AND TYPE OF OUTLET. CEILING OUTLET BOXES SHALL BE 4" OCTAGON AND 1/2" DEEP. USE 2-1/8" DEEP OCTAGON BOXES OR 4" SQUARE BOXES REQUIRED. ALL CEILING OUTLET BOXES SHALL HAVE A FIXTURE STUD OF NO BOLT SELF-LOCKING TYPE INSTALLED IF REQUIRED TO HANG THE FIXTURE SPECIFIED AT THE OUTLET.

3.03 JUNCTION BOXES

- A. JUNCTION BOXES SHALL BE SIZED ACCORDING TO NUMBER OF CONDUCTORS IN BOX OR TYPE OF SERVICE TO BE PROVIDED. MINIMUM JUNCTION BOX SIZE 4-1/16" SQUARE AND 2-1/8" DEEP. PROVIDE SCREW COVERS FOR JUNCTION BOXES.
- B. USE CODE GAUGE STEEL WITH SCREW COVERS FOR PULL BOXES WITH PRIME COAT AND PROVIDE WITH SCREW COVER. SIZE PULL BOXES ACCORDING TO THE NEC.
- C. PROVIDE PULL BOX EVERY 100' OF CONDUIT RUN OR WHERE EXCESSIVE NUMBER OF BENDS NECESSITATES A BOX FOR EASE OF WIRE INSTALLATION.

SECTION 16141 - WIRING DEVICES AND PLATES

PART 1 - PRODUCTS

1.01 WALL SWITCHES

- A. SHALL BE PURCHASED FROM THE NATIONAL ACCOUNTS PROVIDER INDICATED ON THE PLANS.
- B. RATINGS: 20 AMPS, 120/277 VOLTS A.C. OR AS IDENTIFIED ON DRAWINGS.
- C. DEVICES: (ARROWHART CATALOG NUMBERS ARE LISTED UNLESS NOTED OTHERWISE)
 1. SINGLE POLE TOGGLE SWITCHES:
 - A. 20 AMP IVORY DEVICE - #1221-I
 - B. 20 AMP PILOT LIGHTS ILLUMINATED WITH LOAD ON - #991-PL
 2. DOUBLE POLE TOGGLE SWITCHES: 20 AMP IVORY DEVICE - #1221-I

1.02 RECEPTACLES

- A. SHALL BE PURCHASED FROM THE NATIONAL ACCOUNTS PROVIDER INDICATED ON THE PLANS.
- B. DEVICES: (ARROWHART CATALOG NUMBERS ARE LISTED UNLESS OTHERWISE NOTED)
 1. SPECIFICATION GRADE DEVICES (GREY IN PUBLIC DINING, OTHERWISE IVORY)
 - A. 20 AMP, 125 VOLTS A.C. RECEPTACLES
 1. SINGLE DEVICE: #5361-I
 2. DUPLEX DEVICE: #CR201, CR20GRY
 3. ISOLATED GROUND DUPLEX DEVICE: 1G5362-ORANGE
 4. ISOLATED GROUND SINGLE DEVICE: 1G5361-ORANGE

1.03 SPECIAL DEVICES

- A. MANUAL MOTOR STARTER SWITCH: SQ. D CLASS 2510, TYPE F, FOR USE ON MOTORS UP TO 3/4 HORSEPOWER. PROVIDE NEMA 1 ENCLOSURE IN DRY LOCATIONS, PROVIDE NEMA 3R ENCLOSURE IN WET OR EXTERIOR LOCATIONS.

1.04 WALL PLATES

- A. PROVIDE ARROWHART, OR APPROVED EQUAL, SMOOTH SATIN STAINLESS STEEL 302-SS SERIES FOR SWITCHES AND RECEPTACLES.
- B. PROVIDE BLANK PLATES ON ALL OUTLET BOXES FOR FUTURE OUTLETS, OR OUTLETS WITHOUT DEVICES. PLATE STYLE SHALL MATCH DEVICE PLATES.
- C. PROVIDE DIE CAST ALUMINUM WP-SERIES WEATHERPROOF PLATE FOR DUPLEX GFI RECEPTACLES LOCATED OUTSIDE OR IN WET LOCATIONS.
- D. WHERE DEVICES ARE INSTALLED IN EXPOSED BOXES OR CONDUIT FITTINGS, PROVIDE PROPERLY DESIGNED PLATES AND COVERS EQUAL TO ARROWHART RS-SERIES EXPOSED WORK COVERS.
- E. INSTALL GALVANIZED STEEL PLATES ON OUTLET BOXES AND JUNCTION BOXES IN UNFINISHED AREAS, ABOVE ACCESSIBLE CEILINGS, AND ON SURFACE-MOUNTED BOXES.

PART 2 - EXECUTION

2.01 INSTALLATION

A. MOUNTING

1. MOUNT SWITCHES AND RECEPTACLES AT HEIGHT ABOVE FINISHED FLOOR AS INDICATED ON PLANS, AND LEGEND.
2. MOUNT SWITCHES ON STRIKE SIDE OF DOOR MAXIMUM 8' FROM DOOR FRAME. OUTLET BOX FOR SWITCH SHALL BE LOCATED CLEAR OF DOOR FRAME. COORDINATE WITH ARCHITECTURAL PLANS PRIOR TO ROUGH-IN.
3. INSTALL SWITCHES WITH OFF POSITION DOWN.
4. FOR GFCI TYPE RECEPTACLES, DO NOT USE THE FEED THRU FEATURE, UNLESS REQUIRED BY THE PLANS.
5. USE JUMBO SIZED PLATES FOR OUTLETS INSTALLED IN MASONRY WALLS.
6. EACH RECEPTACLE SHALL BE PROVIDED WITH A #12 GREEN GROUNDING JUMPER BETWEEN THE GROUND TERMINAL OF THE RECEPTACLE AND THE OUTLET BOX.
7. THE GROUNDING CONDUCTOR TO EACH RECEPTACLE SHALL BE INSTALLED SUCH THAT THE REMOVAL OF THE DEVICE WILL NOT INTERFERE WITH THE CONTINUITY OF THE GROUND.

B. TESTING

1. TEST EACH SWITCH AND VERIFY PROPER OPERATION WITH ENERGIZED CIRCUIT.
2. TEST EACH RECEPTACLE FOR PROPER POLARITY ON ENERGIZED CIRCUIT.
3. TEST EACH GFCI RECEPTACLE WITH GFI RECEPTACLE TESTER AND VERIFY CIRCUIT IS OPENED BY GFI DEVICE AT AMPERE RANGES ESTABLISHED BY MANUFACTURER.

SECTION 16170 - GROUNDING AND BONDING

PART 1 - PRODUCTS

1.01 ROD ELECTRODES

- A. MATERIAL: COPPER-CLAD STEEL.
- B. DIAMETER: 3/4 INCH.
- C. LENGTH: 10 FEET.

1.02 MECHANICAL CONNECTORS

A. MATERIAL: BRONZE.

1.03 WIRE

- A. MATERIAL: STRANDED COPPER, SIZED TO MEET NFPA 70, ARTICLE 250 REQUIREMENTS.

PART 2 - EXECUTION

2.01 INSTALLATION

- A. INSTALL ROD ELECTRODES AT LOCATIONS INDICATED. INSTALL ADDITIONAL ROD ELECTRODES AS REQUIRED TO ACHIEVE RESISTANCE TO GROUND OF LESS THAN 25 OHMS.
 - B. PROVIDE GROUNDING ELECTRODE CONDUCTOR AND CONNECT TO REINFORCING STEEL IN FOUNDATION FOOTING.
 - C. PROVIDE BONDING TO MEET REGULATORY REQUIREMENTS.
 - D. BOND TOGETHER EACH METALLIC RACEWAY, PIPE, DUCT AND OTHER METAL OBJECTS.
 - E. PROVIDE ISOLATED GROUNDING CONDUCTOR FOR CIRCUITS SUPPLYING ALL ISOLATED GROUND OUTLETS. INSULATION SHALL BE GREEN WITH YELLOW STRIPE. SIZE PER NEC TABLE 250.95. THIS ISOLATED GROUNDING CONDUCTOR SHALL RUN IN ADDITION TO EQUIPMENT GROUNDING CONDUCTOR AND ALONG WITH THE BRANCH CIRCUIT CONDUCTORS.
- ### 2.02 GROUNDING
- A. GROUND ELECTRICAL SYSTEM IN ACCORDANCE WITH ARTICLE 250 - NATIONAL ELECTRICAL CODE, AND LOCAL AUTHORITIES HAVING JURISDICTION.
 - B. INSTALL A #3/0 BARE COPPER WIRE BOND ACROSS THE WATER METER. SAME TO BE ATTACHED TO GROUND CLAMPS ON WATER LINE ON EACH SIDE OF METER. ARRANGEMENTS SHALL BE MADE TO DO THIS WORK AT THE TIME THE WATER METER IS INSTALLED.
 - C. FROM THE POINT OF ENTRANCE OF THE WATER MAIN INTO THE BUILDING AND ON THE METER SIDE OF THE MAIN INSIDE WATER VALVE AND UNION INSTALL A STRANDED COPPER CABLE #3/0 IN 1-1/4" CONDUIT TO THE MAIN DISTRIBUTION PANEL. CONNECT THE CABLE TO THE EQUIPMENT GROUND BUS.
 - D. INSTALL A GREEN EQUIPMENT GROUNDING CONDUCTOR IN EACH RACEWAY, SIZED PER N.E.C. TABLE 250-122. TERMINATE ON EQUIPMENT GROUND BUS WITHIN PANELBOARD SERVING LOAD.
 - E. INSTALL #6 AWG COPPER GROUNDING CONDUCTOR FROM GROUND BAR IN MAIN TELEPHONE BOX TO GROUND NEUTRAL BUS IN MAIN DISTRIBUTION PANEL.
 - F. ALL SEPARATE GROUNDING ELECTRODE CONDUCTORS SHALL BE BONDED TOGETHER TO LIMIT POTENTIAL DIFFERENCES BETWEEN THEM AND BETWEEN THEIR ASSOCIATED WIRING SYSTEMS. THIS INCLUDES THE POWER SYSTEM, TELEPHONE SYSTEM, ETC.

2.03 FIELD QUALITY CONTROL

- A. INSPECT GROUNDING AND BONDING SYSTEM CONDUCTORS AND CONNECTIONS FOR TIGHTNESS AND PROPER INSTALLATION.

SECTION 16190 - SUPPORTING DEVICES AND HANGERS

PART 1 - PRODUCTS

1.01 ACCEPTABLE MANUFACTURERS

- A. SUPPORTING DEVICES AND HANGERS SHALL BE MANUFACTURED BY RAYCO FASTENERS.

PART 2 - EXECUTION

2.01 INSTALLATION

- A. SECURE CONDUITS TO WITHIN 3' OF EACH OUTLET BOX, JUNCTION BOX, CABINET, FITTING, ETC., AND AT INTERVALS NOT TO EXCEED TEN FEET (10') AND IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE. IN SEISMIC ZONES, SUPPORT CONDUITS 1' AND UNDER AT 6' INTERVALS.
- B. INSTALL CLAMPS SECURED TO STRUCTURE FOR FEEDER AND OTHER CONDUITS ROUTED AGAINST THE STRUCTURE. USE DROP RODS AND HANGERS OR RACKS TO SUPPORT CONDUITS RUN APART FROM THE STRUCTURE.

- C. PROVIDE AND INSTALL SUITABLE ANGLE IRON, CHANNEL IRON OR STEEL METAL FRAMING WITH ACCESSORIES TO SUPPORT OR BRACE ELECTRICAL EQUIPMENT INCLUDING SAFETY SWITCHES, FIXTURES, PANELBOARDS, ETC.

- D. USE OF CHAINS, PERFORATED IRON, BALING WIRE, OR TIE WIRE FOR SUPPORTING CONDUIT RUNS IS NOT PERMITTED.

- E. FOR SUPPORT OF LOW VOLTAGE WIRING NOT REQUIRED TO BE IN CONDUIT, BUNDLE CABLES TOGETHER IN A NEAT MANNER USING APPROVED NYLON TIE WRAPS. BUNDLED CABLES SHALL BE SUPPORTED WITH 'J' HOOKS ON TELEPHONE TYPE BRIDLE RINGS, A MINIMUM OF 6 FEET ON CENTERS. CLEARLY IDENTIFY ALL DIFFERING TYPES OF CABLES BEING RUN AND TAG WITH TAPE TAGS REGARDING TELEPHONE, PAR, MUSIC/COMMUNICATION, SECURITY, ETC. FOR VARIOUS SYSTEM UTILIZING SAID CABLE. IDENTIFICATION TAPE SHALL BE PROVIDED AT MINIMUM INTERVALS OF 25 FEET ON CENTER AND WITHIN EACH BUILDING SPACE.

- F. PROVIDE A SYSTEM OF SUPPORTING DEVICES AND HANGERS TO INSURE SECURE SUPPORT OR BRACING FOR CONDUIT, ELECTRICAL EQUIPMENT, INCLUDING SAFETY SWITCHES, FIXTURES, PANELBOARDS, OUTLET BOXES, JUNCTION BOXES, CABINETS, ETC.

SECTION 16421 - UTILITY SERVICE ENTRANCE AND DISTRIBUTION SYSTEM

PART 1 - GENERAL

1.01 SYSTEM DESCRIPTION

- A. THE UNDERGROUND ELECTRICAL SYSTEM SERVICE CHARACTERISTICS SHALL BE 208Y/120 VOLTS, THREE PHASE, FOUR WIRE SERVICE SHALL EXTEND FROM UTILITY COMPANY TRANSFORMER SECONDARY.
- B. METERING OF ELECTRICAL USAGE SHALL BE LOCATED AS REQUIRED BY LOCAL ELECTRICAL UTILITY COMPANY. COORDINATE REQUIREMENTS WITH LOCAL UTILITY COMPANY.
- C. DISTRIBUTION SYSTEM ORIGINATES AT SECONDARY OF UTILITY TRANSFORMER AND INCLUDES SERVICE ENTRANCE CONDUIT AND CONDUCTORS, DISTRIBUTION EQUIPMENT, LIGHTING PANELBOARDS, UTILIZATION EQUIPMENT, OVERCURRENT DEVICES, DISCONNECTING MEANS, CONTROLS, BRANCH AND FEEDER CIRCUITS, ETC.

PART 2 - PRODUCTS

2.01 MATERIALS

- A. FURNISH SERVICE ENTRANCE CONDUIT, CABLE AND MISCELLANEOUS HARDWARE AS REQUIRED BY PLANS AND SPECIFICATIONS FOR ELECTRICAL SERVICE ENTRANCE AND SYSTEM GROUNDING AT MAIN ELECTRICAL SERVICE.

PART 3 - EXECUTION

3.01 EXAMINATION AND PREPARATION

- A. COORDINATE EXACT LOCATIONS OF ELECTRICAL SERVICE UTILITY TRANSFORMER, METERING EQUIPMENT, SERVICE LATERAL, ETC. PRIOR TO COMMENCEMENT OF INSTALLATION. CONTACT ENGINEER WITH CONFLICTS PRIOR TO BID.
- B. ENSURE PAD MOUNTED TRANSFORMER IS NOT LOCATED WITHIN ROADWAY OR SIDEWALK.
- C. COORDINATE WITH LOCAL ELECTRICAL UTILITY FOR ALL UTILITY COMPANY REQUIREMENTS AND PROVIDE FOR THE FOLLOWING ITEMS AND ANY OTHERS REQUIRED BY THE UTILITY:
 1. CONCRETE PAD FOR UTILITY TRANSFORMER WITH REQUIRED DIMENSIONS AND DETAILS.
 2. PRIMARY UNDERGROUND CONDUIT, EXCAVATION, AND BACKFILL REQUIREMENTS.
 3. PAY FOR ALL FEES ASSOCIATED WITH ESTABLISHMENT OF ELECTRICAL SERVICE. PROPER SIZING AND RATING OF UTILITY TRANSFORMER BY THE UTILITY.
 4. FURNISH LIST OF LOADS TO THE ELECTRICAL UTILITY COMPANY SERVING THE FACILITY FOR
 5. VERIFY THAT UTILITY COMPANY CLEARANCES ARE PROVIDED ON ALL SIDES OF UTILITY EQUIPMENT.
- D. ENSURE PROPER ACCESS TO UTILITY EQUIPMENT IS MAINTAINED.
- E. PROVIDE PULL ROPE, EXCAVATION IN ACCORDANCE WITH ELECTRICAL UTILITY COMPANY REQUIREMENTS, BACKFILL AND CONCRETE ENVELOPE FOR PRIMARY IN ACCORDANCE WITH ELECTRICAL UTILITY COMPANY REQUIREMENTS. TURN CONDUITS UP RISER POLE AS REQUIRED. CAP SPARE CONDUITS 12 INCHES ABOVE GRADE WITH PLUMBERS PIPE CAP.
- F. PROVIDE SECONDARY LUGS ON UTILITY TRANSFORMER AND PERFORM DRILLING AND INSTALLATION OF LUGS IN ACCORDANCE WITH UTILITY REQUIREMENTS. TYPE OF LUGS SHALL BE IN ACCORDANCE WITH ELECTRICAL UTILITY COMPANY REQUIREMENTS. CONNECT SERVICE CONDUCTOR TO TRANSFORMER SECONDARY LUGS AS DIRECTED BY ELECTRICAL UTILITY.

SECTION 16441 - ENCLOSED SWITCHES

PART 1 - PRODUCTS

1.01 MANUFACTURERS

- A. SQUARE D.
- B. GENERAL ELECTRIC.
- C. CUTLER-HAMMER.

1.02 ENCLOSED SWITCHES

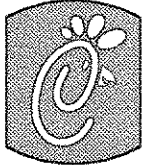
- A. NONFUSIBLE SWITCH ASSEMBLIES: NEMA KS 1, TYPE GENERAL DUTY FOR 208 VOLT LOAD INTERRUPTER ENCLOSED KNIFE SWITCH WITH EXTERNALLY OPERABLE HANDLE INTERLOCKED TO PREVENT OPENING FRONT COVER WITH SWITCH IN ON POSITION HANDLE LOCKABLE IN OFF POSITION. PROVIDE EQUIPMENT GROUND LUG IN EACH SWITCH.
- B. ENCLOSURES: NEMA KS 1.
 1. INTERIOR DRY LOCATIONS: TYPE 1.
 2. EXTERIOR LOCATIONS: TYPE 3R.

SECTION 16470 - PANELBOARDS

PART 1 - PRODUCTS

1.01 MANUFACTURERS

- A. SUNCOAST ENVIRONMENTAL CONTROLS



Chick-fil-A

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark Date By

△

Mark Date By

△

Mark Date By

△

Seal

AA 004320
CA 0660
030 LEE ROAD, FIRST FLOOR
CROFTON, MD 21114
PH 410.445.8008
FX 410.429.9124

INTERPLAN
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE

SERIES

FSU 03-A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
ELECTRICAL
SPECIFICATIONS

DWG EDITION 03.8

Job No. : 2004.0259

Store : 1740

Date : 8/30/04

Drawn By : _____

Checked By : _____

Sheet

E-71

ELECTRICAL SPECIFICATIONS (CONT.)

1.02 PANELBOARD FEATURES

- PANELBOARDS SHALL HAVE A MINIMUM SYMMETRICAL INTERRUPTING RATING TO MEET OR EXCEED THE AVAILABLE SYMMETRICAL INTERRUPTING FAULT CURRENT AT THE DEVICE INTENDED TO INTERRUPT CURRENT.
- BUS BARS SHALL BE COPPER OR TIN PLATED ALUMINUM.
- PROVIDE FACTORY-INSTALLED COPPER GROUND BUS IN EACH PANELBOARD WITH LUGS OR CONNECTORS ON BAR.
- PROVIDE ELECTRICALLY ISOLATED, FACTORY-INSTALLED NEUTRAL BUS IN EACH 3 PHASE, 4 WIRE OR 1 PHASE 3 WIRE PANELBOARD.
- IN ADDITION TO THE GROUND BUS REQUIRED BY PARAGRAPH 1.02D, PROVIDE FACTORY INSTALLED, ELECTRICALLY ISOLATED, COPPER GROUND BUS IN EACH PANELBOARD SERVING ISOLATED GROUND RECEPTACLES.
- MAIN LUGS AND MAIN CIRCUIT BREAKER LUGS SHALL BE UL LISTED FOR USE WITH BOTH ALUMINUM AND COPPER WIRES.
- PROVIDE PANELBOARD DOORS WITH CHROME-PLATED LOCKS AND KNOBS. ALL LOCKS SHALL BE KEYED ALIKE. PROVIDE TWO KEYS FOR EACH LOCK.
- PROVIDE THERMAL-MAGNETIC CIRCUIT BREAKERS WHICH ARE RATED FOR 40 DEGREES C AMBIENT TEMPERATURE. BREAKERS SHALL BE QUICK-MAKE, QUICK-BREAK TYPE, TRIP WITH TRIP INDICATION SHOWN BY HANDLE POSITION OTHER THAN ON OR OFF. MULTI-POLE BREAKERS SHALL HAVE A COMMON TRIP HANDLE. TANDEM TYPE CIRCUIT BREAKERS SHALL NOT BE PERMITTED.
- PROVIDE TYPED DIRECTORY CARD WITH CLEAR HOLDER FOR EACH PANELBOARD.

PART 2 - EXECUTION

2.01 INSTALLATION

- PANELBOARDS SHALL BE MOUNTED AT HEIGHT ABOVE FINISHED FLOOR SUCH THAT THE HEIGHT OF THE TOP-MOST BREAKER IN THE PANEL IS NOT MORE THAN 6-1/2 FEET ABOVE FINISHED FLOOR IN ITS HIGHEST POSITION.
- WHERE MULTIPLE PANELBOARDS ARE INSTALLED ON WALLS IN COMMON AREAS OF BUILDINGS, THE PANELBOARDS SHALL BE INSTALLED WITH THE TOP OF ALL PANELBOARDS AT THE SAME HEIGHT.
- PROVIDE BLANK FILLER PLATES OVER ALL UNUSED SPACES IN PANELBOARDS.
- A TYPED DIRECTORY CARD SHALL INDICATE DEVICES BEING SERVED AND THE SPACE NAME WHERE THE DEVICE IS LOCATED.
- PROVIDE MINIMUM OF (1) 3/4" EMPTY CONDUIT FOR EVERY 3 POLES OF SPARE BREAKER OR SPACE IN THE PANELBOARD. STUB CONDUIT TO NEAREST ACCESSIBLE CEILING SPACE. LABEL CONDUIT AS SPARE AT PANELBOARD AND TERMINATION POINT.
- NON-ISOLATED GROUND BARS SHALL BE GROUNDED TO PANELBOARD CAN AND MAIN SERVICE ENTRANCE GROUND BUS WITH A CODE SIZED GROUNDING CONDUCTOR INSTALLED IN THE SAME CONDUIT AS THE PHASE AND NEUTRAL CONDUCTORS.
- CIRCUITS USING A COMMON NEUTRAL SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE.
- INSPECT EACH PANELBOARD FOR PROPER INSTALLATION, PHYSICAL DAMAGE, TIGHTNESS AND INSTALLATION OF OVERCURRENT DEVICES. VERIFY PROPER COLOR CODING OF CONDUCTORS. CORRECT OR REPAIR ALL ITEMS FOUND IN INSPECTION.
- NEUTRAL WIRES, GROUND WIRES, AND ISOLATED GROUND WIRES SHALL BE CONNECTED TO THE APPROPRIATE PANEL BUS BAR. DO NOT MIX BUS WIRE CONNECTIONS.

SECTION 16500 - LIGHTING FIXTURES

PART 1 - GENERAL

1.01 ACCEPTABLE MANUFACTURERS

- AS INDICATED ON LIGHTING FIXTURE SCHEDULE. ALL FIXTURES TO BE PURCHASED FROM LIGHTING ASSOCIATES.
- BALLASTS
 - ADVANCE MARK III ENERGY SAVING ELECTROMAGNETIC BALLAST OR EQUAL BY:
 - JEFFERSON
 - UNIVERSAL
- LAMPS
 - OSRAM-SYLVANIA
 - NORTH AMERICAN PHILIPS
 - GENERAL ELECTRIC
- CONTRACTOR SHALL PROVIDE FIXTURES BY MANUFACTURERS AS LISTED ON THE LIGHTING FIXTURE SCHEDULE OR EQUALS. ANY OTHER FIXTURE TYPES SUBSTITUTED FOR THOSE SPECIFIED SHALL BE APPROVED IN WRITING BY THE ENGINEER 10 WORKING DAYS PRIOR TO BID. REQUEST FOR APPROVAL SHALL BE IN ACCORDANCE WITH GENERAL CONDITIONS OF THESE SPECIFICATIONS. SHALL BE ACCOMPANIED WITH CUT SHEETS OF THE SPECIFIED AND SUBSTITUTE FIXTURES, AS WELL AS A TOTAL COST CREDIT FOR THE SUBSTITUTE. WRITTEN REQUESTS FOR APPROVAL SHALL BE SUBMITTED TO THE ENGINEER NOT LESS THAN 15 WORKING DAYS PRIOR TO BID.

1.02 FIXTURE REQUIREMENTS

- PROVIDE REGULATING, H.P.F. BALLASTS IN ALL HID LIGHTING FIXTURES. HID LAMP TYPES SHALL BE AS SHOWN IN PHOTOMETRIC TEST DATA.
- PROVIDE CLASS "P" UL LABELED, H.P.F. ENERGY SAVING BALLASTS IN ALL FLUORESCENT LIGHTING FIXTURES. RECESSED FLUORESCENT LIGHTING FIXTURE BALLASTS SHALL BE PROVIDED WITH INTEGRAL THERMAL PROTECTION.
- PROVIDE RAPID START LAMPS FOR ALL FLUORESCENT FIXTURES.
- ALL LAMPS AND BALLASTS SHALL MEET OR EXCEED THE REQUIREMENTS OF THE NATIONAL ENERGY POLICY ACT OF 1992.
- ALL COMPONENTS OF RECESSED FIXTURES SHALL BE ACCESSIBLE WITHOUT DISTURBING FIXTURE IN OR ON CEILING.
- ENERGY SAVING BALLASTS AND ENERGY SAVING LAMPS PROVIDED SHALL BE COMPATABLE FOR OPERATION TOGETHER.
- EXTERIOR FIXTURES AND POLES SHALL BE SUITABLE FOR EXTERIOR USE, SHALL BE U. L. LISTED, AND SHALL BE A STANDARD DESIGN FOR EXTERIOR APPLICATION.
- EXTERIOR POLES FOR FIXTURES WITH LUMINAIRES INSTALLED SHALL BE DESIGNED FOR MAXIMUM CONSTANT VELOCITY WIND LOAD WITH LUMINAIRES INSTALLED, APPLICABLE TO THE GEOGRAPHIC AREA.

1.03 CONTROLS

- LIGHTING CONTACTORS SHALL BE CUTLER-HAMMER OF TYPES AND QUANTITY SHOWN ON DRAWINGS.

1.04 EMERGENCY LIGHTING UNITS

- BATTERIES SHALL SUPPLY EMERGENCY POWER FOR LIGHTING WITH MINIMUM OPERATING TIME OF 1-1/2 HOURS.
- EMERGENCY LIGHTING SHALL BE AUTOMATICALLY OPERATIONAL UPON NORMAL UTILITY POWER FAILURE.

PART 3 - EXECUTION

3.01 INSTALLATION

- LIGHTING FIXTURES SHALL BE STRUCTURALLY SUPPORTED. FLUORESCENT FIXTURES MOUNTED IN DROPPED CEILINGS SHALL BE SUPPORTED BY AND ATTACHED TO CEILING SYSTEM AS REQUIRED BY NEC (410-16(C)). IN ADDITION, FLUORESCENT TROFFERS SHALL BE SUPPORTED AT TWO OPPOSITE CORNERS TO BUILDING STRUCTURE.
- RECESSED FIXTURES IN DROPPED CEILING AREAS SHALL BE CONNECTED TO POWER SOURCE USING FLEXIBLE CONDUIT. FLEXIBLE CONDUIT SHALL CONTAIN A SEPARATE INSULATED GREEN NO. 12 COPPER GROUND WIRE. FLEXIBLE CONDUIT SHALL BE CONNECTED TO JUNCTION BOX AND FIXTURE. GREEN GROUND WIRE SHALL PROVIDE GROUND CONTINUITY BETWEEN CONDUIT SYSTEM AND FIXTURE. GROUNDING CONDUCTORS SHALL BE PERMANENTLY AND MECHANICALLY CONNECTED BETWEEN FIXTURE AND CONDUIT SYSTEM SO AS TO BE ELECTRICALLY CONTINUOUS.
- FIXTURES SURFACE MOUNTED ON EXPOSED TEE BAR CEILINGS SHALL USE GRIP CLAMPS ON TEE BARS TO SUPPORT FIXTURES.
- LOCATE NO SPLICE OR TAP WITHIN AN ARM, POST, OR POLE. WIRE SHALL BE CONTINUOUS FROM SPLICE IN OUTLET BOX OF BUILDING WIRING SYSTEM TO LAMP SOCKET OR BALLAST TERMINALS.
- MAINTAIN THE INTEGRITY OF ENCLOSURES ON ENCLOSED AND GASKETED FIXTURES. MINIMIZE THE NUMBER OF ENCLOSURE PENETRATIONS AND MAKE SUCH PENETRATIONS WATER AND DUST TIGHT WITH APPROPRIATE GASKETS AND FITTINGS.
- CONCRETE BASES SHALL BE PROVIDED FOR ALL EXTERIOR GROUND MOUNTED OR POLE MOUNTED FIXTURES.
- INSTALL ACCESSORIES FURNISHED WITH EACH FIXTURE.
- WIRING FROM POLE BASES TO POLE MOUNTED LUMINAIRE SHALL BE NO. 12 WITH FUSE PROTECTION BY A 30 AMP, 600 VOLT WATERPROOF FUSEHOLDER WITH BUSSMAN LIMITRON FUSE OF AMPERE RATING 3 TIMES THE LOAD CURRENT.
- SURFACE AND RECESSED FIXTURES ON OR IN PLASTERED OR DRYWALL CEILINGS SHALL BE SUPPORTED BY SUPPORT CHANNELS. SUPPORT CHANNELS SHALL SPAN ACROSS MAIN SUPPORT CHANNELS AND SHALL NOT DEPEND UPON CEILINGS FOR SUPPORT.

3.02 FIELD QUALITY CONTROL

- RELAMP FIXTURES THAT HAVE FAILED LAMPS AT SUBSTANTIAL COMPLETION.

SECTION 16741 - TELEPHONE SERVICE

PART 1 - GENERAL

1.01 WORK INCLUDED

- FURNISH AND INSTALL TELEPHONE SYSTEM CONSISTING OF EMPTY CONDUITS, JUNCTION BOXES, OUTLET BOXES, DEVICE PLATES, ETC., AS SPECIFIED AND SHOWN ON OWNER SELECTED VENDOR WIRING SCHEMATICS, CABLE, EQUIPMENT, AND INSTALLATION OF THE INTERIOR SYSTEM WILL BE PROVIDED BY THE OWNER'S SYSTEM VENDOR.
- PROVIDE UNDERGROUND PVC, SCHEDULE 40, SERVICE CONDUIT AS REQUIRED BY PLANS.
- TELEPHONE UTILITY COMPANY WILL PROVIDE SERVICE ENTRANCE CABLE.
- INTERIOR TELEPHONE SYSTEM WILL BE FURNISHED BY OWNER'S VENDOR.
- SPECIAL BACKBOXES WILL BE FURNISHED BY THE OWNER'S VENDOR.

PART 2 - PRODUCTS

2.01 MATERIALS

- PROVIDE 4-1/16" SQUARE BOXES, WITH PLASTER RINGS. PROVIDE DEVICE PLATES FOR TELEPHONE OUTLETS TO MATCH THOSE SPECIFIED IN SECTION 16141. PROVIDE SEPARATE CONDUIT TO NEAREST ACCESSIBLE CEILING SPACE FROM EACH OUTLET.
- MINIMUM CONDUIT SIZE SHALL BE 3/4".
- PROVIDE LIGHTNING ARRESTER FOR TELEPHONE SERVICE ENTRANCE AT MAIN TELEPHONE BACKBOARD IN ACCORDANCE WITH UL96A PARAGRAPH 11.2 AND NFPA 780.
- CABLE SHALL BE IN CONDUIT WHERE INSTALLED IN WALLS OR ABOVE INACCESSIBLE CEILING SPACES.

PART 3 - EXECUTION

3.01 INSTALLATION

- LEAVE ONE #10 EQUIVALENT NYLON PULL WIRE IN EACH TELEPHONE CONDUIT.
- PROVIDE TRENCHING, BACKFILLING, ETC., FOR INSTALLATION OF SERVICE ENTRANCE CONDUIT IN ACCORDANCE WITH OTHER DIVISIONS, PLANS, AND TELEPHONE UTILITY REQUIREMENTS. PROVIDE PULL WIRE IN EMPTY CONDUIT.
- COORDINATE WITH THE LOCAL UTILITY FOR POINT OF SERVICE AND TYPE OF SERVICE REQUIRED. PAY FOR ANY UTILITY COMPANY CHARGES AND FEES FOR ESTABLISHMENT OF SERVICE.
- PROVIDE A COMPLETE RACEWAY SYSTEM IN ACCORDANCE WITH TELEPHONE UTILITY COMPANY AND INTERIOR SYSTEM VENDOR/UTILITY REQUIREMENTS. TELEPHONE UTILITY COMPANY AND INTERIOR SYSTEM VENDOR SHALL REVIEW THE DRAWINGS. CONTRACTOR SHALL PROVIDE FOR ANY ADDITIONAL OR VARYING REQUIREMENTS.
- TERMINATE EACH CONDUIT STUB-UP OR TERMINATION WITH NYLON INSULATED BUSHINGS.
- FINAL CONNECTIONS AND TESTING OF SYSTEM WILL BE PROVIDED BY THE SYSTEM VENDOR. CONTRACTOR SHALL CONTACT THE OWNER AND VENDOR AND SCHEDULE THE WORK.

SECTION 16751 - SPECIAL SYSTEMS

PART 1 - GENERAL

1.01 WORK INCLUDED

- FURNISH AND INSTALL RACEWAY SYSTEM FOR MUSIC/COMMUNICATIONS SECURITY, CCTV, POINT OF SALES, AND OTHER OWNER-FURNISHED SYSTEMS, CONSISTING OF EMPTY CONDUITS, JUNCTION BOXES, OUTLET BOXES, AND DEVICE PLATES, ETC., AS SPECIFIED AND SHOWN ON OWNER SELECTED VENDOR WIRING SCHEMATICS. CABLE, EQUIPMENT, AND INSTALLATION OF THE INTERIOR SYSTEM WILL BE PROVIDED BY THE OWNER'S SYSTEM VENDOR.
- INTERIOR SYSTEM EQUIPMENT WILL BE FURNISHED BY OWNER'S VENDOR.
- INSTALL SPECIAL BACKBOXES FURNISHED BY THE ELECTRICAL CONTRACTOR.

PART 2 - PRODUCTS

2.01 MATERIALS

- PROVIDE 4-1/16" SQUARE BOXES, WITH PLASTER RINGS. PROVIDE DEVICE PLATES FOR SYSTEM OUTLETS AS SPECIFIED IN SECTION 16141. PROVIDE SEPARATE CONDUIT TO NEAREST ACCESSIBLE CEILING SPACE FROM EACH OUTLET.
- CABLE SHALL BE IN CONDUIT WHERE INSTALLED IN WALLS OR INACCESSIBLE CEILINGS.
- MINIMUM CONDUIT SIZE SHALL BE 3/4".

PART 3 - EXECUTION

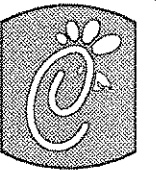
3.01 INSTALLATION

- FURNISH AND INSTALL CONDUITS, JUNCTION BOXES, OUTLET BOXES, AND PLATES.
- LEAVE ONE #10 EQUIVALENT NYLON PULL WIRE IN EACH SYSTEM CONDUIT.
- PROVIDE A COMPLETE RACEWAY SYSTEM IN ACCORDANCE WITH INTERIOR SYSTEM VENDOR REQUIREMENTS. INTERIOR SYSTEM VENDOR SHALL REVIEW THE DRAWINGS. CONTRACTOR SHALL PROVIDE FOR ANY ADDITIONAL OR VARYING REQUIREMENTS.
- FINAL CONNECTIONS AND TESTING OF SYSTEMS WILL BE PROVIDED BY THE SYSTEM VENDOR. CONTRACTOR SHALL CONTACT THE OWNER'S VENDOR AND SCHEDULE THE WORK SO AS TO COMPLETE SYSTEM INSTALLATION AND TESTING PRIOR TO OCCUPANCY OF THE FACILITY.
- TERMINATE EACH CONDUIT STUB-UP OR TERMINATION WITH NYLON INSULATED BUSHING.

CLOSE OUT DOCUMENT REQUIREMENTS

PROVIDE THE FOLLOWING TO THE BUILDING OWNER UPON COMPLETION OF CONSTRUCTION

- SUBMITTAL DATA STATING EQUIPMENT RATING AND SELECTED OPTIONS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE.
- OPERATION MANUALS AND MAINTENANCE MANUALS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE. REQUIRED ROUTINE MAINTENANCE ACTIONS SHALL BE CLEARLY IDENTIFIED.
- NAMES AND ADDRESSES OF AT LEAST ONE QUALIFIED SERVICE AGENCY.
- A COMPLETE NARRATIVE OF HOW EACH SYSTEM IS INTENDED TO OPERATE.



Chick-fil-A

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark	Date	By
△	9/17/04	rsa
		COORD. REVISIONS

Mark	Date	By
△		

Mark	Date	By
△		

Seal

AA-004320
CA 8660
933 LEE ROAD, FIRST FLOOR
ORLANDO, FLORIDA 32810
FL 407-629-9124

INTERPLAN
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
PROJECT MANAGEMENT

STORE
SERIES
FSU 03-A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
ELECTRICAL
SPECIFICATIONS

DWG EDITION 03.8

Job No. : 2004-0259

Store : 1740

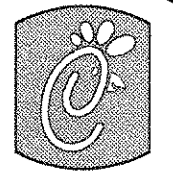
Date : 8/30/04

Drawn By : _____

Checked By : _____

Sheet

E-7.2



Chick-fil-e

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:
Mark Date By
2/24/04 TOG
DPR COMMENTS

Mark Date By
△

Mark Date By
△

Seal

CAMACHO ASSOCIATES, INC
FOOD FACILITIES DESIGNERS/CONSULTANTS
ATLANTA, GEORGIA (770) 562-1144

STORE
SERIES
FSU 03-A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
EQUIPMENT
PLAN

DWG EDITION 03.8

Job No. : 2004.0255
Store : 1740
Date : 8/30/04
Drawn By : JPL
Checked By:

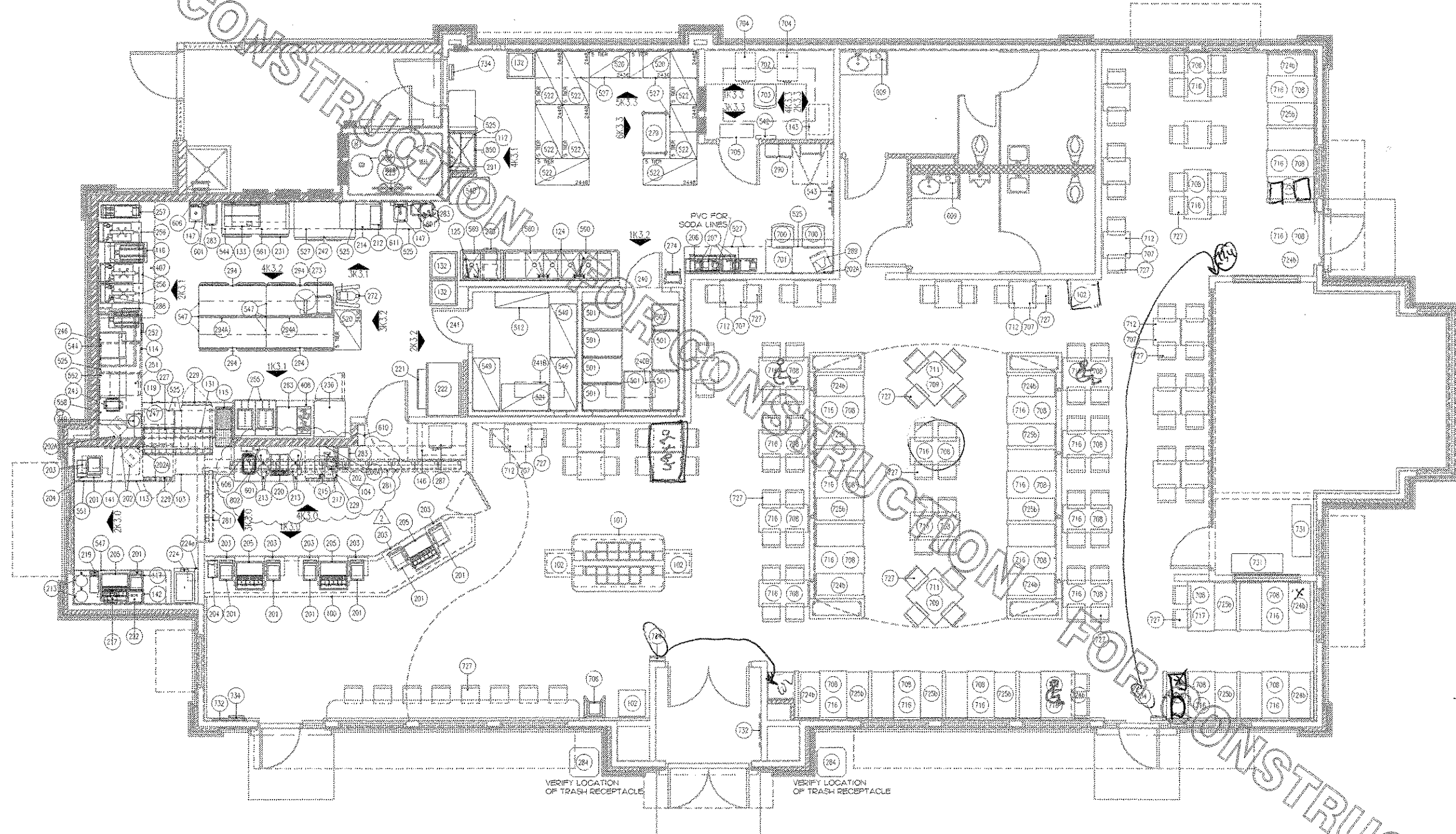
Sheet

K.I.O

FOR CONSTRUCTION

FOR CONSTRUCTION

FOR CONSTRUCTION



1 EQUIPMENT PLAN LARGE BLDG.
1/4"=1'-0"

Health Dept.
Jan Cummings
850-487-1395

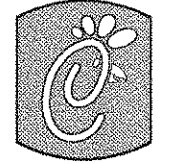
ITEM NO.	QUANTITY	DESCRIPTION OF EQUIPMENT	MANUFACTURER	MECHANICAL													ITEM NO.	REMARKS (ALL ITEMS BY CFA UNLESS OTHERWISE NOTED)
				ELECTRICAL						PLUMBING								
				VOLT	PH	KW	AMP	HP	NEMA RATING	FW	HW	CW	DW	IW	FD	ROUGH-IN		
100	1	SERVING COUNTER	CLAYTON FIXTURE														100	
101	1	CONDIMENT COUNTER	CLAYTON FIXTURE														101	
102	5	TRASH CONTAINER	CLAYTON FIXTURE														102	
103	1	ORDER PREP TABLE	CLAYTON FIXTURE														103	
104	1	BACK BAR CABINET	CLAYTON FIXTURE														104	
112	1	LARGE UTILITY CABINET	CLAYTON FIXTURE														112	
113	1	DRIVE-THRU CASH TABLE	CLAYTON FIXTURE														113	
114	1	SANDWICH PREP TABLE	CLAYTON FIXTURE	120	1		6.5										114	
115	1	FRY HOLDING STATION	BKI MODEL #F-158B	120	1	1.9	15.4										115	ON ITEM #103
116	1	18" CART W/ HEAT LAMPS	MARSHALL AIR, CZ3A	120	1		9.7										116	36" CORD & PLUG
116a	1	BUILT-IN HEAT LAMP	MARSHALL AIR, CZ3	120	1		9.7										116a	36" CORD & PLUG
117	1	DRIVE-THRU COUNTER	CLAYTON FIXTURE														117	
119	1	REFRIGERATED DISPLAY CASE STAND	CLAYTON FIXTURE														119	
124	1	4-COMPARTMENT UTENSIL SINK	EAGLE GROUP MODEL #N-2464-4-18-14/3								201/2	201/2	1-1/2		P-9 @ 12" A.F.F.	124	WITH (2) 18" DRAIN BOARDS	
125	1	VEGETABLE PREP SINK	EAGLE GROUP MODEL #N2416-1-18L-14/3								1/2"	1/2"	1/2"	1-1/2	P-9 @ 12" A.F.F.	125	WITH SIDE SPLASHES AND LEFT DRAIN BOARD	
131	1	SANDWICH SLIDE	MERCO MODEL #SW-6224	120/208	1	2.26	12.1										131	6" CORD & PLUG
132	3	BREAD RACK															132	
133	1	WRAP SALAD SHELF	CUSTOM ST. STL. FABRICATION														133	
141	1	CONDIMENT RACK	CUSTOM ST. STL. FABRICATION														141	
142	1	DRIVE-THRU SHELF	CLAYTON FIXTURE														142	
143	1	SECURITY CABINET	CLAYTON FIXTURE														143	
146	1	SAFE CABINET	CLAYTON FIXTURE														146	
147	2	HAND SINK	EAGLE MODEL #HSA-10-N														147	WITH SIDE MOUNTING BRACKETS AND T & S MODEL #B-115-LN MOD W/ 132 X WH4
200	1	CREDIT CARD MACHINE (FUTURE)	PAR	120	1												200	
201	8	ORDER REGISTER	PAR	120	1		0.7										201	
202	3	ORDER MONITOR	PAR	120	1		0.5										202	MOUNTED ON ITEM #202A
202A	4	WALL MOUNTED PENDANT	CUSTOM ST. STL. FABRICATION														202A	1 EACH AT POS MONITORS AND 1 AT BREAK TABLE
203	7	CASH DRAWER	PAR														203	
204	2	RECEIPT PRINTER	PAR	120	1		0.1										204	
205	4	ICE BIN / DRINK TOWER	IMI CORNELIUS MODEL #2323	120	1		1.5										205	
206	1	BEVERAGE RACK SYSTEM	PROFITMASTER MODEL #BIB-3 PLUS														206	
207	4	CARBONATOR	IMI CORNELIUS	120	1		7.2				1/2"				P-23 @ 10" A.F.F.	207		
208	1	CO2 TANK	CARBO MIZER														208	
212	1	TEA BREWER	WILBUR CURTIS MODEL #TCTD-35-10	120	1	1.675	14.0				3/8"				P-24 @ 49" A.F.F.	212	QUICK DISCONNECT HOSES PROVIDED BY OWNER	
213	6	TEA DISPENSER	WILBUR CURTIS MODEL #TC-5HV														213	
214	1	TIER OF DRAWERS	EAGLE GROUP MODEL #Y-TD3L-CF														214	
215	1	SINGLE COFFEE MAKER	WILBUR CURTIS MODEL GEMINI 120A	120	1	1.775	14.8				1/2"				P-24 @ 48" A.F.F.	215	QUICK DISCONNECT HOSES PROVIDED BY OWNER	
217	2	COFFEE WARMER & STAND	WILBUR CURTIS MODEL GEMINI 30 & 8C	120	1		.83									217	1 - REGULAR / 1 - DECAF	
219	1	SINGLE JUICE DISPENSER	STARLINE MODEL #042101	120	1		1.7										219	
220	1	DOUBLE JUICE DISPENSER	STARLINE MODEL #042102	120	1		4.0										220	
221	1	ICE BIN	FOLLET MODEL #SG1300S-48										1"				221	
222	1	ICE MAKER	HOSHIZAKI MODEL #KM2400SRB3	208	3		16.8					1/2"	3/4"		P-23 @ 80" A.F.F.	222		
223	1	WATER FILTER SYSTEM	SELECTO SCIENTIFIC, #MF620-2F								3/4"	3/4"			SEE DET. 6/P7	223	SUPPLIED WITH CHLORINE FILTER	
224	1	ICE CREAM MACHINE	TAYLOR MODEL #751 (AIR COOLED)	208	3		17.0	1/2									224	
224a	1	ICE CREAM CONE DISPENSER	TAYLOR														224a	
227	1	REFRIGERATED DISPLAY CASE	RANDELL MODEL #40048-AMCF	120	1		8.4	1/2									227	ON ITEM #119
229	3	SGL. UNDERCOUNTER REFRIGERATOR	TRAUlsen MODEL #JHT27-ZCF	120	1		3.3										229	(1) HINGE LEFT, (2) HINGE RIGHT
231	1	BREADING TABLE	TRAUlsen MODEL #JHT60-ZCF-LR	120	1		5.7										231	
236	1	SGL. SECTION REACH-IN FREEZER	HOSHIZAKI MODEL #FH1-SSB	120	1		10.4	1/2									236	HINGE LEFT
240	1	WALK-IN FREEZER	KOLPAK	120	1		3.3										240	
240A	1	WALK-IN FREEZER CONDENSER	KOLPAK	208	3		9.4										240A	G.C. SHALL INSTALL CONDENSER ON ROOF
240B	1	WALK-IN FREEZER EVAPORATOR	KOLPAK	208	1		10.9										240B	
241	1	WALK-IN COOLER	KOLPAK	120	1		2.4										241	
241A	1	WALK-IN COOLER CONDENSER	KOLPAK	208	1		7.2										241A	G.C. SHALL INSTALL CONDENSER ON ROOF
241B	1	WALK-IN COOLER EVAPORATOR	KOLPAK	120	1		2.1										241B	
242	1	THAWING CABINET	TRAUlsen MODEL #RE232N-1	120	1		5.8										242	HINGED STANDARD
243	1	SANDWICH TOASTER	TOASTMASTER MODEL #A7-10S	120	1	1.65	6.0										243	SUPPLIED WITH 3' CORD AND PLUG
246	1	BUN WARMER	MARSHALL AIR MODEL #HT18	208	1		16										246	SUPPLIED WITH 3' CORD AND PLUG WITH RECESSED CORD RELIEF
247	1	DOUBLE WARMING DRAWER	TOASTMASTER MODEL #3B80A	120	1	1.00	8.7										247	
249	1	SINGLE FOOD WARMER	WELLS MODEL #HW-10	120	1	1.65	13.8										249	
251	1	BISCUIT HOLDING CABINET	WINSTON MODEL #HA4003 CVAP	120	1	2.05	17.1										251	
252	1	HOLDING CABINET	HENNY PENNY MODEL #CF-941	120	1	.475	4.0										252	
255	2	OPEN FRYER	HENNY PENNY MODEL #OFE-321.02	208	3	14.4	61										255	
256	3	PRESSURE FRYER	HENNY PENNY MODEL #PFE-500	208	3	13.5	38.0										256	
257	1	CHAR-GRILL COOKER WITH STAND	TAYLOR MODEL #QS1	208	3	9.6	27.0										257	
263	1	RANGE/CONVECTION OVEN	LANG MODEL #SCR305G-ACF	208	3		47.8										263	
272	1	FLOOR MIXER	HOBART MODEL #A200	120	1		9.8	1/2									272	
273	1	FOOD CUTTER	HOBART MODEL #B4186	120	1		16.0	1.0									273	
274	1	FAT VAT	PITCO FRIALATOR MODEL FAT VAT														274	
278	1	INGREDIENT BIN	RUBBERMAID														278	
279	1	MOBILE CART	INTERMETRO MODEL #MW206														279	
281	13	SMALL MENU BOX	EXPOTRANS	120	1		.55										281	
282	2	SIGN STANDS	LAWRENCE METAL														282	NOT SHOWN ON DRAWING
283	3	SLIM JIM TRASH CAN	RUBBERMAID														283	
284	2	OUTDOOR TRASH RECEPTACLE	WAUSAU TILE MODEL #TF1100WCC-PDTL														284	LOCATED OUTSIDE STORE
286	1	ANSUL FIRE SUPPRESSION SYSTEM	HALTON HOODS														286	AT HOOD SHROUD
287	1	SAFE	CORPORATE SAFE MODEL #BR2926														287	
288	1	UNIFORM CABINET	BY OPERATOR														288	MOUNTED ON ITEM #202A
289	1	TV/VCR	TOSHIBA MODEL #MD-13M1	120	1	.069											289	
290	1	LOCKERS	WINHOLT MODEL #WL-612														290	2 TIERS, 12 OPENINGS
291	1	MOP RACK															291	FURNISHED BY OWNER
292	1	DRIVE-THRU VIDEO MONITOR	PANASONIC	120	1		0.8										292	FURNISHED BY OWNER
293	1	PRESSURE WASHER	NORTH STAR MODEL #1578181														293	LOCATED AT REFUSE ENCLOSURE
294	4	REFRIGERATED WORK TABLE	TRAUlsen MODEL #JHT60-ZCF-LR	120	1		5.7										294	
294A	2	BACKSPLASH	CUSTOM ST. STL. FABRICATION (60-1/4"x4-1/2"x3" HIGH)														294A	

FOR CONSTRUCTION

FOR CONSTRUCTION

FOR CONSTRUCTION

FOR CONSTRUCTION



Chick-fil-A
5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:
Mark Date By
△ _____
Mark Date By
△ _____
Mark Date By
△ _____

Seal

CAMACHO ASSOCIATES, INC.
FOOD FACILITIES DESIGNERS/CONSULTANTS
ATLANTA, GEORGIA (770) 682-1144

STORE
SERIES
FSU 03-A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
EQUIPMENT
SCHEDULE

DWG. EDITION: 03.8
Job No.: 2004.0258
Store: 1740
Date: 8/30/04
Drawn By: JPL
Checked By: _____

Sheet
K2.0

ITEM NO.	QUANTITY	DESCRIPTION OF EQUIPMENT	MANUFACTURER	MECHANICAL													ITEM NO.	REMARKS (ALL ITEMS BY CFA UNLESS OTHERWISE NOTED)
				ELECTRICAL						PLUMBING								
				VOLT	PH	KW	AMP	HP	NEMA RATING	FW	HW	CW	DW	IW	FD	ROUGH-IN		
407	1	105" VENT HOOD	HALTON HOODS														407	HOOD SHROUD BY VENT HOOD MANUFACTURER
408	1	72" VENT HOOD	HALTON HOODS														408	HOOD SHROUD BY VENT HOOD MANUFACTURER
501	7	DUNNAGE RACK (24"x36")	INTERMETRO														501	METROSEAL
503	1	DUNNAGE RACK (24"x24")	INTERMETRO														503	METROSEAL
512	1	FLOOR SHELF UNIT (7' POST, 14"x48")	INTERMETRO														512	METROSEAL - 5 SHELVES EACH
520	1	FLOOR SHELF UNIT (8' POST, 24"x36")	INTERMETRO														520	METROSEAL - 3 SHELVES ABOVE DUNNAGE SHELF, 1 SHELF BELOW DUNNAGE SHELF
522	8	FLOOR SHELF UNIT (8' POST, 24"x48")	INTERMETRO														522	METROSEAL - 3 SHELVES ABOVE DUNNAGE SHELF, 1 SHELF BELOW DUNNAGE SHELF
524	11	POST MOUNTED SHELF (24"x36")	INTERMETRO														525	METROSEAL - SEE INTERIOR ELEVATIONS FOR POSTS AND SUPPORTS
527	8	POST MOUNTED SHELF (24"x48")	INTERMETRO														527	METROSEAL - SEE INTERIOR ELEVATIONS FOR POSTS AND SUPPORTS
542	1	KEY CABINET															542	FURNISHED BY OWNER
543	1	COAT RACK															543	FURNISHED BY OWNER
544	3	POST MOUNTED SHELF (24"x24")	INTERMETRO														544	METROSEAL - SEE INTERIOR ELEVATIONS FOR POSTS AND SUPPORTS
547	7	OVERHEAD SHELF UNIT (30"x60")	INTERMETRO														547	METROSEAL - SEE STRUCTURAL SHEETS FOR INSTALLATION INFORMATION
548	1	JUICER WORK STATION	INTERMETRO														548	WITH SOLID WORK SURFACE AND 24" LEGS
549	3	FLOOR SHELF UNIT (7' POST, 24"x48")	INTERMETRO														549	METROSEAL - 3 SHELVES ABOVE DUNNAGE SHELF, 1 SHELF BELOW DUNNAGE SHELF
551	1	OVERHEAD SHELF UNIT (38"x72")	INTERMETRO														551	METROSEAL
552	1	POST MOUNTED SHELF (18"x36")	INTERMETRO														552	SOLID - USE DOUBLE SUPPORTS AND ENDS
558	2	POST MOUNTED SHELF (24"x36")	INTERMETRO														558	METROSEAL - SEE INTERIOR ELEVATIONS FOR POSTS AND SUPPORTS
560	3	SMART WALL KIT	INTERMETRO (CFA - 3BAY48/48/36)														560	24"x48" & 18"x48" (SMART WALL) - SEE INTERIOR ELEVATIONS FOR POSTS AND SUPPORTS
561	1	POST MOUNTED SHELF	INTERMETRO (CFA-BT)														561	24"x24" & 18"x24" (METROSEAL) - SEE INTERIOR ELEVATIONS FOR POSTS AND SUPPORTS
601	3	SOAP DISPENSER															601	FURNISHED BY OWNER
606	2	PAPER TOWEL DISPENSER	ASI MODEL #0210														606	
609	2	TRASH RECEPTACLE	RUBBERMAID														609	
610	1	UTILITY SHELF	ASI MODEL #0602 - 6'x18"														610	
611	1	MULTI-PURPOSE UNIT	ASI MODEL #0440SM														611	
700	2	EMPLOYEE BREAK CHAIR	HON														700	
701	1	EMPLOYEE BREAK TABLE	CLAYTON FIXTURES														701	60"x30" WITH 3" BACKSPLASH; WALL MOUNTED WITH TWO SUPPORT LEGS
702	1	DESK TOP	CLAYTON FIXTURES														702	
703	1	DESK CHAIR	HON														703	
704	2	FILE CABINET	HON														704	2-DRAWER
705	1	B.O.G. CABINET	CLAYTON FIXTURES														705	
706	6	HIGH CHAIR	RUBBERMAID														706	
707	19	TABLE BASE	FALCON														707	3" COLUMN WITH 3 FEET
708	58	TABLE BASE	FALCON														708	3" COLUMN WITH 2 FEET
709	2	TABLE BASE	FALCON														709	4" COLUMN WITH 3 FEET
711	2	36"x36" TABLE	FALCON														711	REQUIRES (1) #709
712	19	22"x24" TABLE	FALCON														712	REQUIRES (1) #707
714	1	36" ROUND TABLE	FALCON														714	REQUIRES (1) #709
716	28	24"x44" TABLE	FALCON														716	REQUIRES (2) #708
717	1	30"x44" TABLE	FALCON														717	REQUIRES (2) #708
724a	11	24" SINGLE BOOTH SEAT	FALCON														724a	
724b	11	45" SINGLE BOOTH SEAT	FALCON														724b	
725a	11	24" DOUBLE BOOTH SEAT	FALCON														725a	
725b	11	45" DOUBLE BOOTH SEAT	FALCON														725b	
727	104	CHAIR	FALCON														727	
731	2	SNEAKER KEEPER BENCH	CLAYTON FIXTURES														731	48" LONG
732	2	COMMUNITY BULLETIN BOARD															732	
733	3	ST. STL. LID AND CUP DISPENSER															733	NOT SHOWN ON DRAWING
734	4	FLY SYSTEM	DRACKETT	120	1		0.65										734	
735	1	FLOOR SHELF UNIT (6' POST)	INTERMETRO (METROSEAL) 24"x36"														735	LOCATED IN DUMPSTER STORAGE ROOM, 3 SHELVES AND BOTTOM DUNNAGE SHELF
736	2	FLOOR SHELF UNIT (6' POST)	INTERMETRO (METROSEAL) 24"x48"														736	LOCATED IN DUMPSTER STORAGE ROOM, 3 SHELVES AND BOTTOM DUNNAGE SHELF
802	1	SINK AT BACK COUNTER	EAGLE GROUP MODEL #SR10-14-9.5-1									1/2"	1/2"		-1/2"		802	T & S FAUCET WITH WRIST BLADE HANDLES MDL. #B-2389
850	1	MOP SINK	CUSTOM ST. STL. FABRICATION									1/2"	1/2"		3"		850	24"x36" - WALL @ (2) SIDES / STAINLESS STEEL WALL PANEL TO 60" AFF

FOR CONSTRUCTION

FOR CONSTRUCTION

FOR CONSTRUCTION



Chick-fil-C

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark Date By

△

Mark Date By

△

Mark Date By

△

Seal

CAMACHO ASSOCIATES, INC.
FOOD FACILITIES DESIGNERS/CONSULTANTS
ATLANTA, GEORGIA (770) 682-1144

STORE
SERIES
FSU 03-A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
EQUIPMENT
SCHEDULE

DWG EDITION 03.8

Job No : 2004.0255

Store : 1740

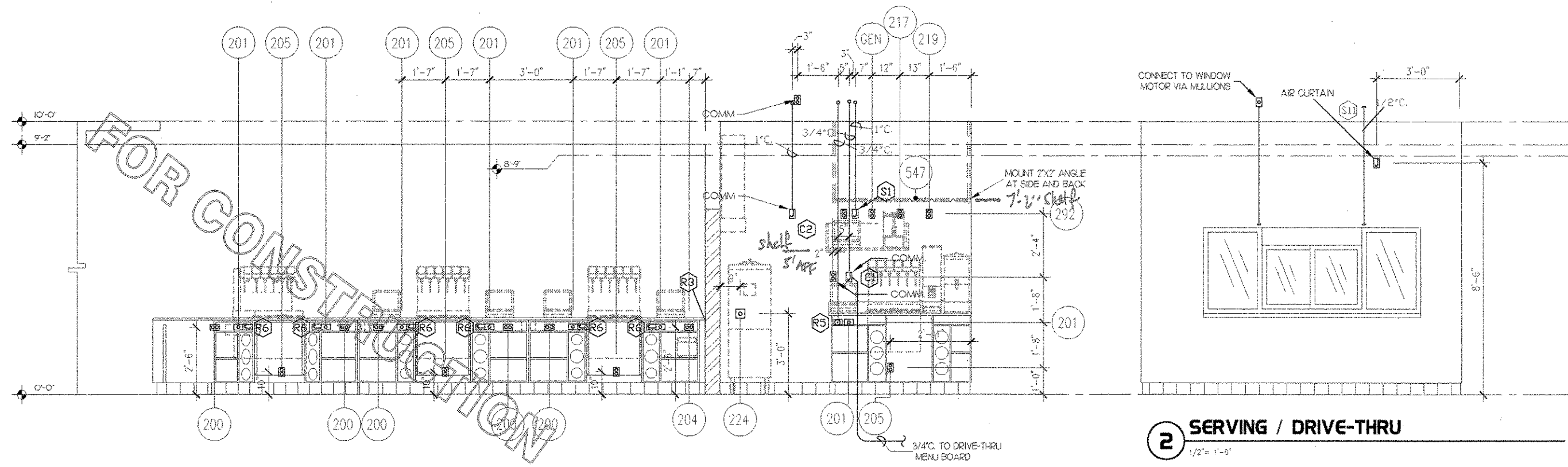
Date : 8/30/04

Drawn By : JPL

Checked By :

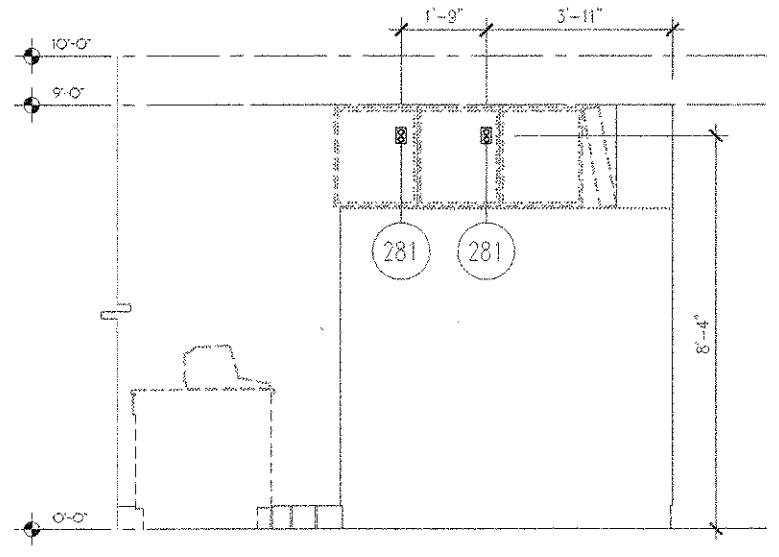
Sheet

K2.I

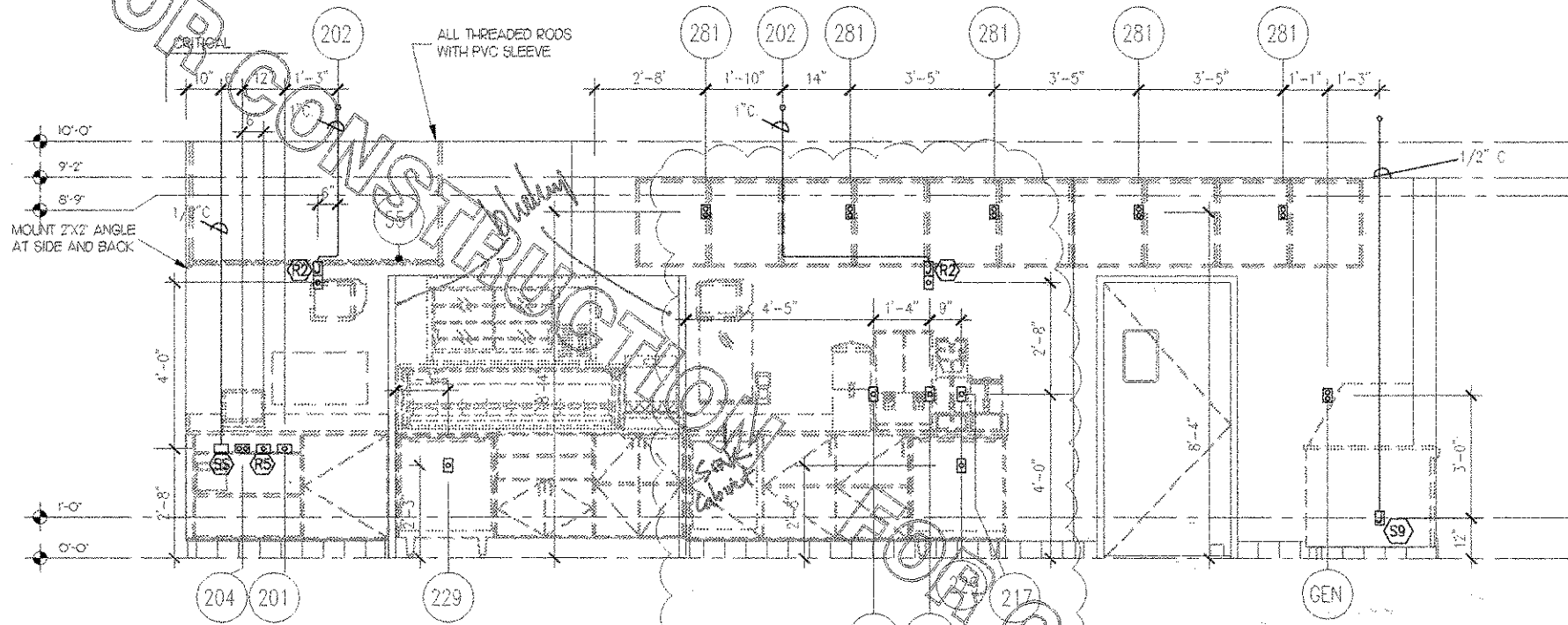


1 SERVING / DRIVE-THRU
1/2" = 1'-0"

2 SERVING / DRIVE-THRU
1/2" = 1'-0"



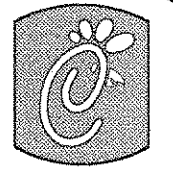
3 SERVING / DRIVE-THRU
1/2" = 1'-0"



4 SERVING / DRIVE-THRU
1/2" = 1'-0"

ELEVATION LEGEND

	EQUIPMENT NUMBER
	INDICATES NOTE ON SHEET E2
	INDICATES JUNCTION BOX
	SIMPLEX RECEPTACLE
	DUPLEX RECEPTACLE
	SWITCH
	PHONE
	TERMINATION OF PVC CONDUIT FOR RADIANT POS SYSTEM
	DOUBLE DUPLEX RECEPTACLE
	SMOKE DETECTOR LED (2 GANG BOX)
	SECURITY KEYPAD



Chick-fil-A
5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:
Mark Date By
9/24/04 TDG
DEPR COMMENTS

Mark Date By
△

Mark Date By
△

Seal

CAMACHO ASSOCIATES, INC.
FOOD FACILITIES DESIGNERS/CONSULTANTS
ATLANTA, GEORGIA (770) 582-1144

STORE
SERIES
FSU 03-A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
ELECTRICAL
ELEVATIONS

DWG EDITION 03.8

Job No. : 2004.0258
Store : 1740
Date : 8/30/04
Drawn By : JPL
Checked By : _____

Cheer

K3.0



Chick-fil-A

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark Date By

△

Mark Date By

△

Mark Date By

△

Seal

CAMACHO ASSOCIATES, INC.
FOOD FACILITIES DESIGNERS/CONSULTANTS
ATLANTA, GEORGIA (770) 688-1144

STORE
SERIES
FSU 03-A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
ELECTRICAL
ELEVATIONS

DWG EDITION 03.8

Job No. : 2004.0258

Store : 1740

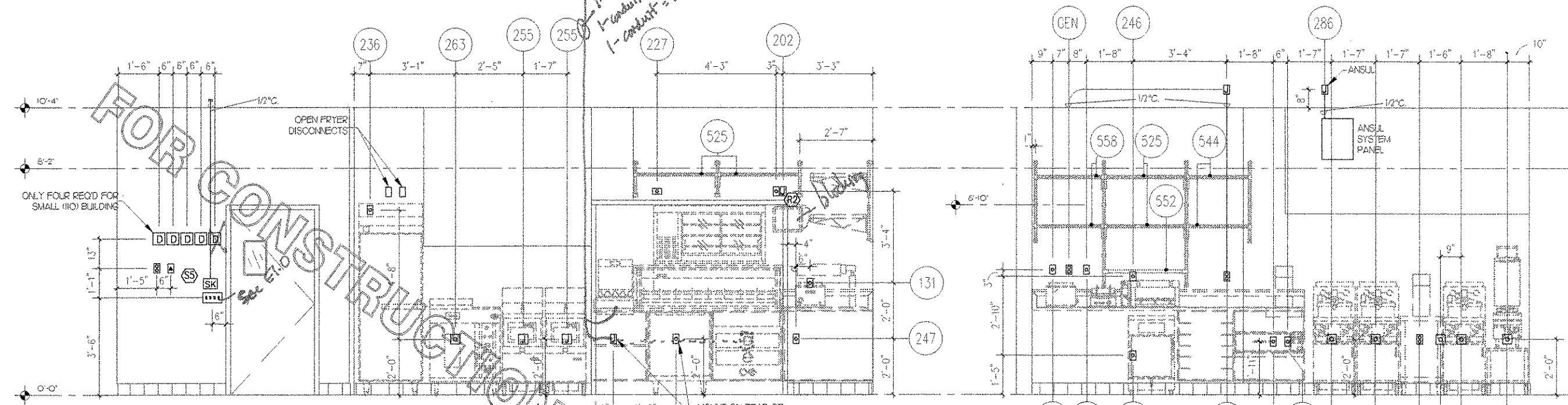
Date : 8/30/04

Drawn By : JPL

Checked By:

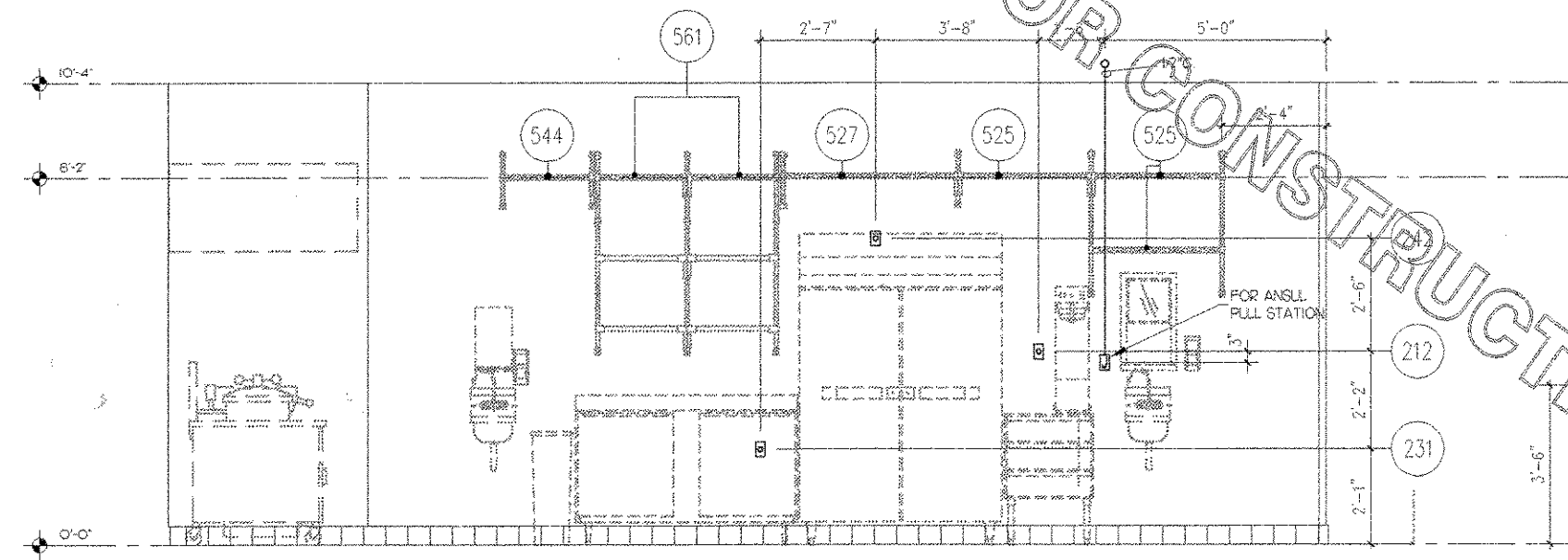
Sheet

K3.I

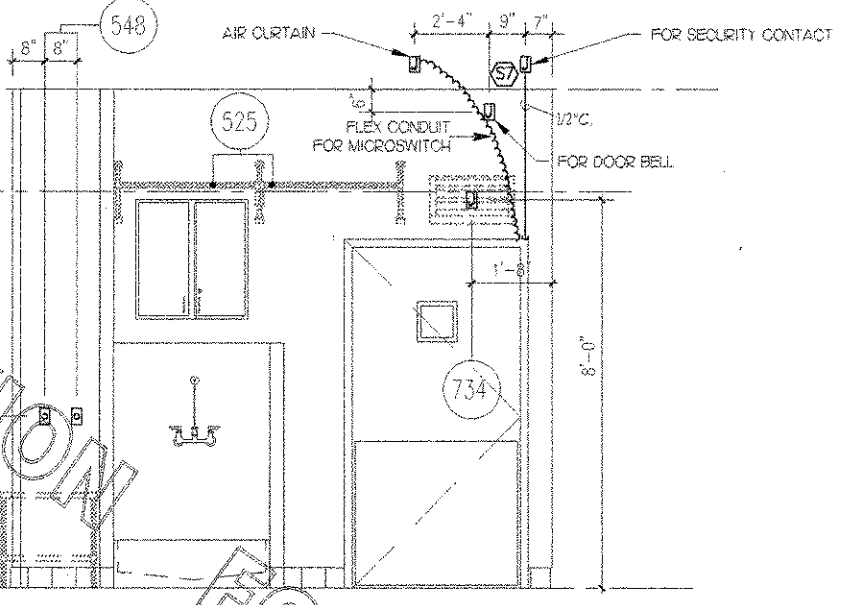


1 KITCHEN
1/2" = 1'-0"

2 KITCHEN
1/2" = 1'-0"



3 KITCHEN
1/2" = 1'-0"



4 MOP SINK
1/2" = 1'-0"

ELEVATION LEGEND	
(201)	EQUIPMENT NUMBER
(N)	INDICATES NOTE ON SHEET E2
(J)	JUNCTION BOX
(S)	SIMPLEX RECEPTACLE
(D)	DUPLEX RECEPTACLE
(SW)	SWITCH
(PH)	PHONE
(T)	TERMINATION OF EFC CONDUIT FOR RADIANT POS SYSTEM
(DR)	DOUBLE DUPLEX RECEPTACLE
(SD)	SMOKE DETECTOR (2D/2C GANG BOX)
(SK)	SECURITY KEYPAD

FOR CONSTRUCTION

FOR CONSTRUCTION

FOR CONSTRUCTION

1- conduit = 2" EFC
1- conduit = #1/15
1- conduit = caprine jet

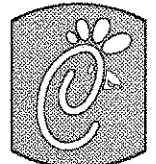
ONLY FOUR REQ'D FOR SMALL (110) BUILDING

MOUNT ON REAR OF FIXED CABINET #103

FOR SECURITY CONTACT

FOR ANSL. PULL STATION

FOR DOOR BELL



Chick-fil-A
 5200 Buffington Rd.
 Atlanta Georgia,
 30349-2998

Revisions:

Mark	Date	By
△		
△		
△		

Seal

CAMACHO ASSOCIATES, INC.
 FOOD FACILITIES DESIGNERS/CONSULTANTS
 ATLANTA, GEORGIA (770) 582-1144

STORE
 SERIES
 FSU 03-A

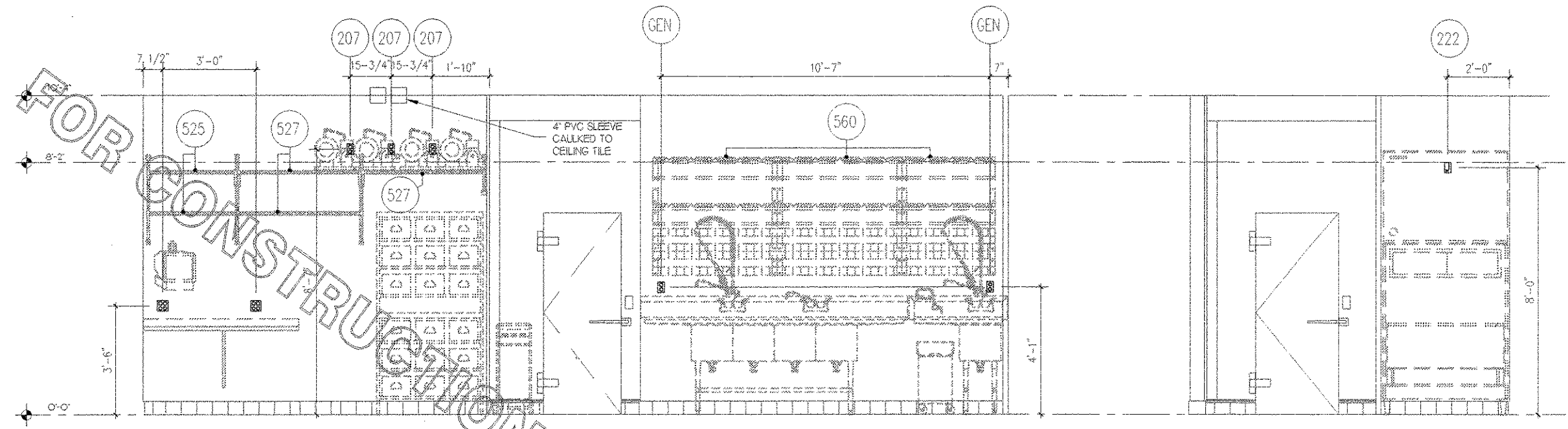
DOLPHIN VILLAGE
 4623 GULF BLVD.
 ST. PETE BEACH, FL

SHEET TITLE
 ELECTRICAL
 ELEVATIONS

DWG EDITION 03.8

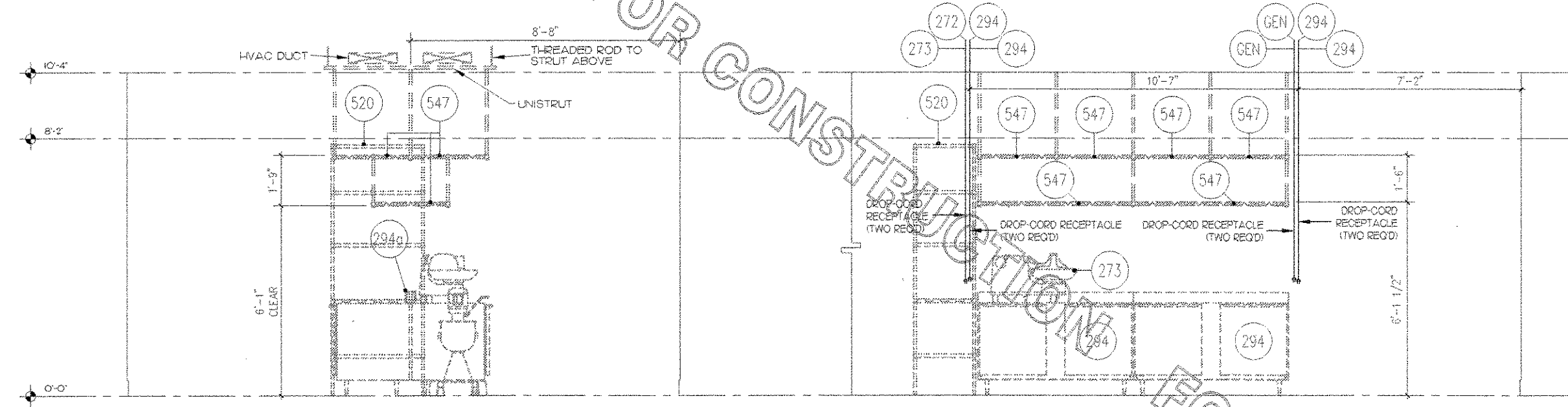
Job No. : 2004.0255
 Store : 1740
 Date : 8/30/04
 Drawn By : JPL
 Checked By :
 Sheet

K3.2



1 KITCHEN / EMPLOYEE
 1/2" = 1'-0"

2 KITCHEN
 1/2" = 1'-0"

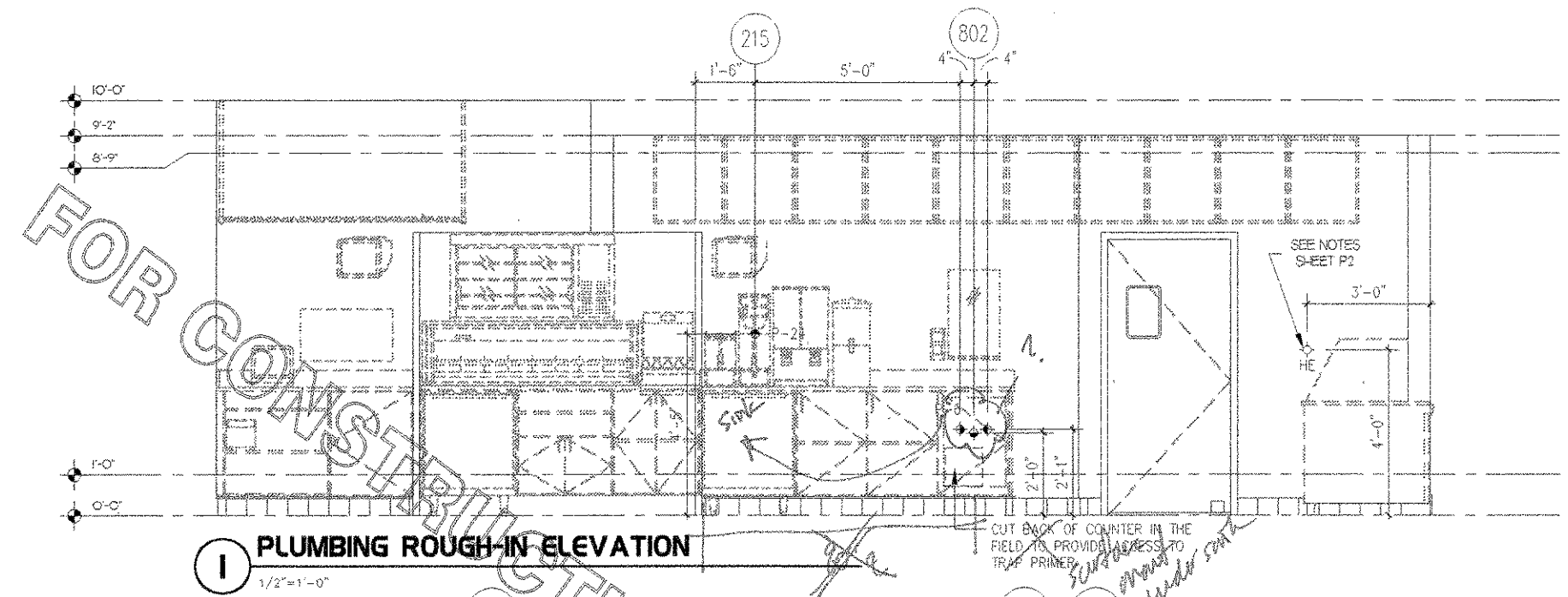


3 KITCHEN
 1/2" = 1'-0"

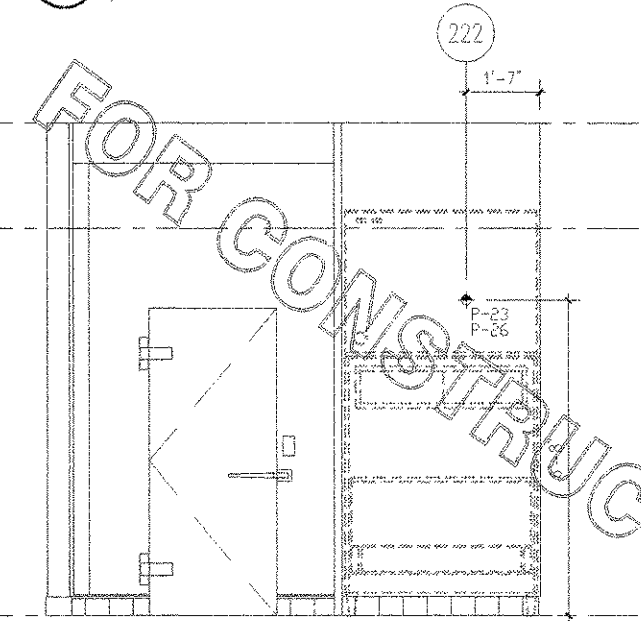
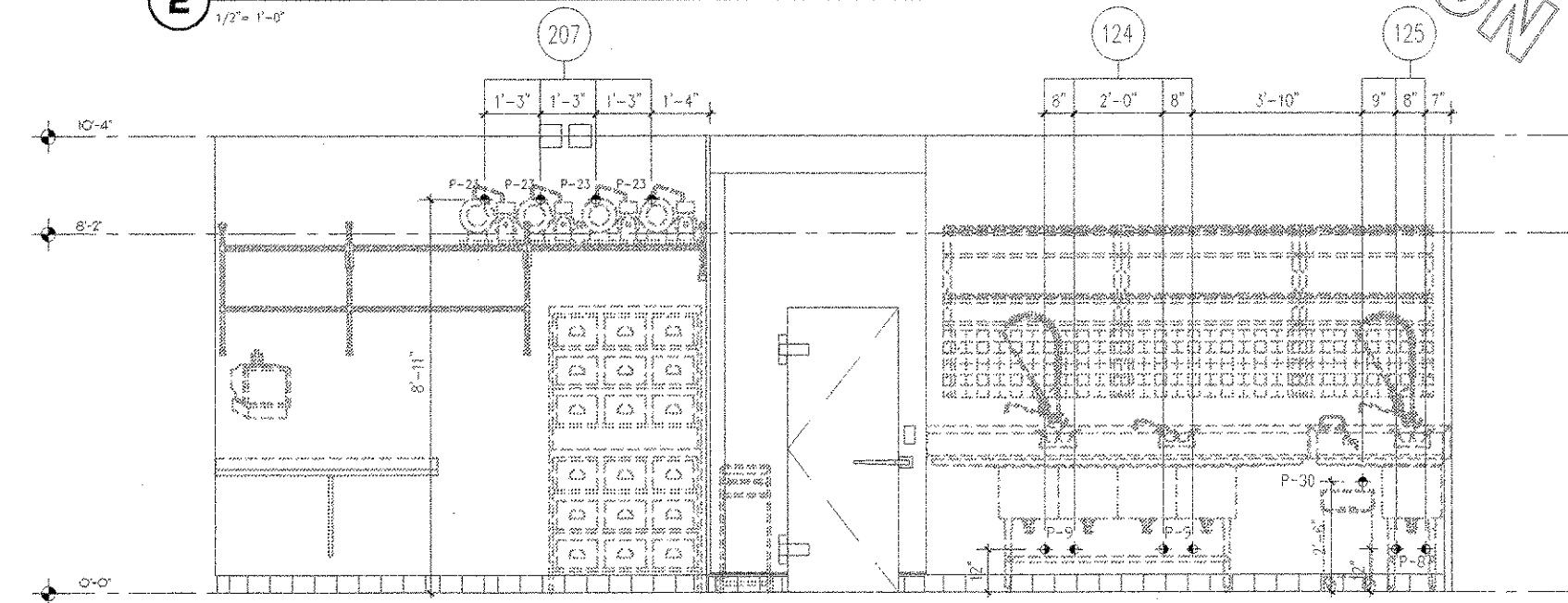
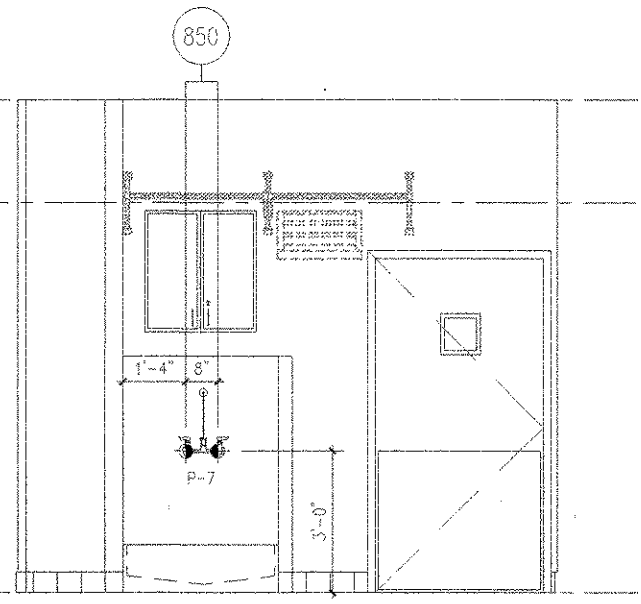
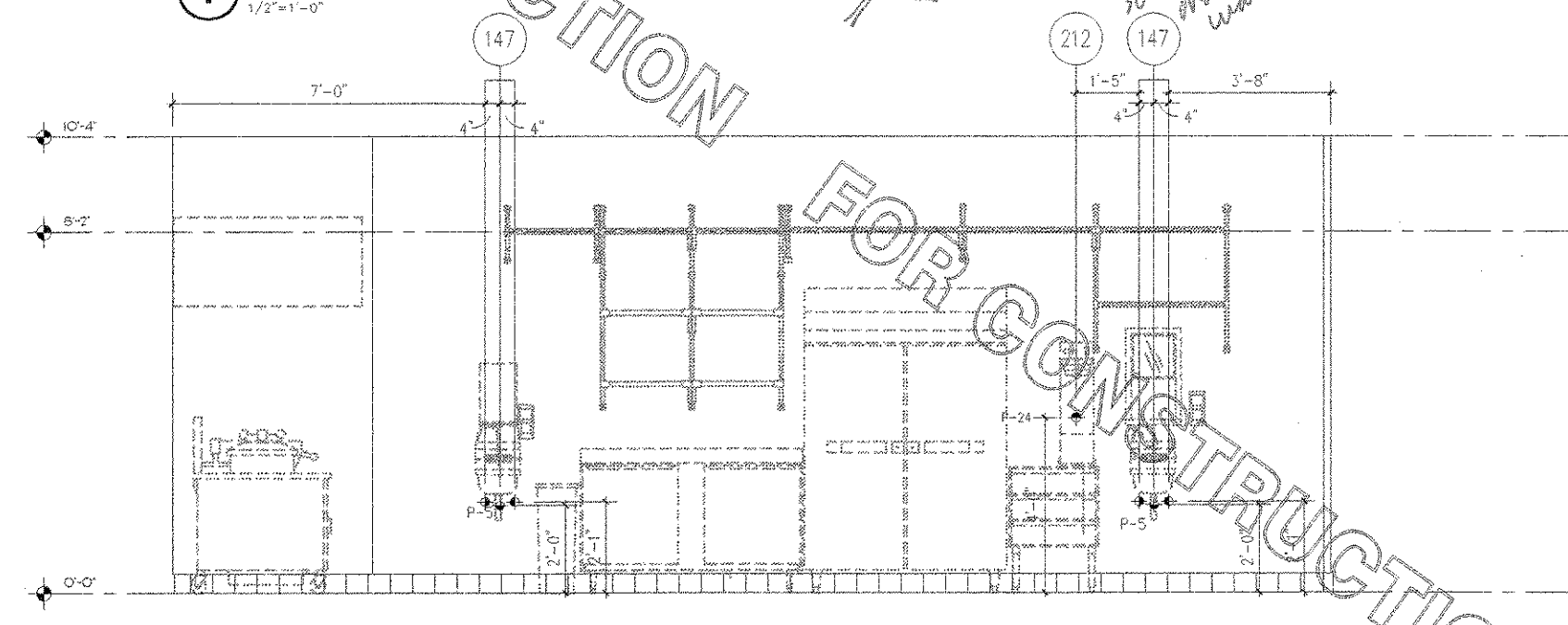
4 KITCHEN
 1/2" = 1'-0"

ELEVATION LEGEND

SYMBOL	EQUIPMENT NUMBER
MZ	INDICATES NOTE ON SHEET E2
J	JUNCTION BOX
S	SIMPLEX RECEPTACLE
D	DUPLEX RECEPTACLE
SW	SWITCH
PH	PHONE
R	TERMINATION OF PVC CONDUIT FOR RADIANT PDS SYSTEM
DD	DOUBLE DUPLEX RECEPTACLE
SD	SMOKE DETECTOR LED (2 GANG BOX)
SK	SECURITY KEYPAD



LEGEND	
201	EQUIPMENT NUMBER
◆	HOT WATER 1/2"
◆	COLD WATER 1/2"
◆	FILTERED WATER 1/2"
◆	SAN 1-1/2"



FOR CONSTRUCTION

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark	Date	By
△		
△		
△		

Seat

CAMACHO ASSOCIATES, INC.
FOOD FACILITIES DESIGNERS/CONSULTANTS
ATLANTA, GEORGIA (770) 582-1144

STORE SERIES
FSU 03-A

DOLPHIN VILLAGE
4623 GULF BLVD.
ST. PETE BEACH, FL

SHEET TITLE
PLUMBING
ELEVATIONS

DWG EDITION 03.8

Job No. : 2004.0255
Store : 1740
Date : 8/30/04
Drawn By : JPL
Checked By : _____

Sheet

K4.0