

DATE 09/07/2007

# Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000026210

APPLICANT MATT FORSYTH PHONE 755-0294  
 ADDRESS 21095 CR 137 LAKE CITY FL 32024  
 OWNER JOHN LEE PHONE 623-1387  
 ADDRESS 14373 S US HIGHWAY 441 LAKE CITY FL 32024  
 CONTRACTOR TROUT RIVER BUILDERS PHONE 965-7053  
 LOCATION OF PROPERTY 441S, AND I-75, 1/2 MILE ON LEFT

TYPE DEVELOPMENT COMM.FOUNDATION ONLY ESTIMATED COST OF CONSTRUCTION 85000.00  
 HEATED FLOOR AREA \_\_\_\_\_ TOTAL AREA \_\_\_\_\_ HEIGHT \_\_\_\_\_ STORIES \_\_\_\_\_  
 FOUNDATION \_\_\_\_\_ WALLS \_\_\_\_\_ ROOF PITCH \_\_\_\_\_ FLOOR \_\_\_\_\_  
 LAND USE & ZONING A-3 MAX. HEIGHT \_\_\_\_\_  
 Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00  
 NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO. \_\_\_\_\_

PARCEL ID 03-6S-17-09587-001 SUBDIVISION \_\_\_\_\_  
 LOT \_\_\_\_\_ BLOCK \_\_\_\_\_ PHASE \_\_\_\_\_ UNIT \_\_\_\_\_ TOTAL ACRES 5.00

Culvert Permit No. \_\_\_\_\_ Culvert Waiver \_\_\_\_\_ Contractor's License Number CBC1250920 Applicant/Owner/Contractor   
 FDOT 07-690 BK \_\_\_\_\_ JH \_\_\_\_\_ N \_\_\_\_\_  
 Driveway Connection \_\_\_\_\_ Septic Tank Number \_\_\_\_\_ LU & Zoning checked by \_\_\_\_\_ Approved for Issuance \_\_\_\_\_ New Resident \_\_\_\_\_

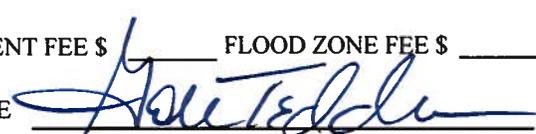
COMMENTS: SE 450, FINISHED FLOOR ELEVATION AS INDICATED ON GTC GRADING PLAN, ELEVATION CONFIRMATION LETTER REQUIRED, FDOT APPROVAL NEEDED BEFORE POWER, NOC ON FILE Check # or Cash 2803

## FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power \_\_\_\_\_ Foundation \_\_\_\_\_ Monolithic \_\_\_\_\_  
 date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_  
 Under slab rough-in plumbing \_\_\_\_\_ Slab \_\_\_\_\_ Sheathing/Nailing \_\_\_\_\_  
 date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_  
 Framing \_\_\_\_\_ Rough-in plumbing above slab and below wood floor \_\_\_\_\_  
 date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_  
 Electrical rough-in \_\_\_\_\_ Heat & Air Duct \_\_\_\_\_ Peri. beam (Lintel) \_\_\_\_\_  
 date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_  
 Permanent power \_\_\_\_\_ C.O. Final \_\_\_\_\_ Culvert \_\_\_\_\_  
 date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_  
 M/H tie downs, blocking, electricity and plumbing \_\_\_\_\_ Pool \_\_\_\_\_  
 date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_  
 Reconnection \_\_\_\_\_ Pump pole \_\_\_\_\_ Utility Pole \_\_\_\_\_  
 date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_  
 M/H Pole \_\_\_\_\_ Travel Trailer \_\_\_\_\_ Re-roof \_\_\_\_\_  
 date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_

BUILDING PERMIT FEE \$ 425.00 CERTIFICATION FEE \$ 0.00 SURCHARGE FEE \$ 0.00  
 MISC. FEES \$ 0.00 ZONING CERT. FEE \$ \_\_\_\_\_ FIRE FEE \$ 0.00 WASTE FEE \$ \_\_\_\_\_  
 FLOOD DEVELOPMENT FEE \$ \_\_\_\_\_ FLOOD ZONE FEE \$ \_\_\_\_\_ CULVERT FEE \$ \_\_\_\_\_ TOTAL FEE 425.00

INSPECTORS OFFICE  CLERKS OFFICE 

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

### This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID 07-272  
POST OFFICE BOX 1328  
LAKE CITY, FL 32056-1328

RETURN TO:

TERRY McDAVID  
POST OFFICE BOX 1328  
LAKE CITY, FL 32056-1328

PERMIT NO. \_\_\_\_\_

TAX FOLIO NO.: R09587-001

NOTICE OF COMMENCEMENT

STATE OF FLORIDA  
COUNTY OF COLUMBIA

The undersigned hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

1. Description of property:

AS DESCRIBED IN EXHIBIT "A" ATTACHED.

2. General description of improvement: Construction of Dwelling

3. Owner information:

a. Name and address: ELLISVILLE MINI-STORAGE, INC.  
134 SW Discovery Place, Lake City, FL 32025

b. Interest in property: Fee Simple

c. Name and address of fee simple title holder (if other than Owner):

4. Contractor: TROUT RIVER BUILDERS, INC.  
21095 CR 137, Lake City, FL 32024

Contractor's Telephone Number:

5. Surety

a. Name and address: None

6. Lender: PEOPLES STATE BANK,  
350 SW Main Blvd., Lake City, Florida 32025.

Lender's Telephone Number: 386-754-0002

7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes: None

8. In addition to himself, Owner designates EDWARD WOODBERY of PEOPLES STATE BANK, 350 SW Main Blvd., Lake City, Florida 32025, to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.

9. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified). February 2, 2009.

ELLISVILLE MINI-STORAGE, INC.

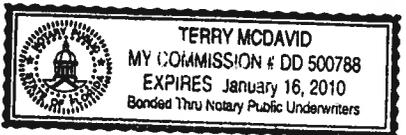
*Constance A. Lee*

By: CONSTANCE A. LEE, President

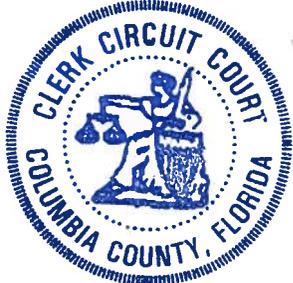
The foregoing instrument was acknowledged before me this 2nd day of August, 2007, by CONSTANCE A. LEE, as President of ELLISVILLE MINI-STORAGE, INC., who is personally known to me and did not take an oath.

Inst: 200712017677 Date: 8/3/2007 Time: 4:19 PM  
P. DeWitt Cason, Columbia County Page 1 of 2

*[Signature]*  
Notary Public  
My commission expires: \_\_\_\_\_



STATE OF FLORIDA, COUNTY OF COLUMBIA  
I HEREBY CERTIFY, that the above and foregoing  
is a true copy of the original filed in this office.  
P. DeWITT CASON, CLERK OF COURTS  
By: *[Signature]*  
Deputy Clerk  
Date: 08-03-2007



***EXHIBIT A***

Commence at the intersection of the South line of the Northeast 1/4 of the Southeast 1/4 of Section 3, Township 6 South, Range 17 East, Columbia County, Florida, and the Easterly right of way line of State Road 25 for the Point of Beginning; run thence North 0 degrees 56 minutes West, along said Easterly right of way line 375.11 feet; thence North 89 degrees 04 minutes East, 596.03 feet; thence South 0 degrees 56 minutes East, 357.70 feet to the intersection of the South line of the Northeast 1/4 of the Southeast 1/4 of Section 3, Township 6 South, Range 17 East; thence South 87 degrees 23 minutes 45 seconds West, along said South line, 597.18 feet to the Point of Beginning.

CK# 2803

Columbia County Building Permit Application

For Office Use Only Application # 0709-012 Date Received 9/5/07 By [Signature] Permit # 26210
Application Approved by - Zoning Official BLK Date 05-09-07 Plans Examiner [Signature] Date 9-5-07
Flood Zone All structures Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3
Comments FOUNDATION PERMIT ONLY SE 0450 Finish Floor Elevations as indicated
[ ] NOC [ ] EH [ ] Deed or PA [ ] Site Plan [ ] SRWD [ ] State Road Info [ ] Parent Parcel # [ ] Development Permi

Name Authorized Person Signing Permit MATT FORSYTH Phone 755 0294
Address 21095 CR 137 LAKE CITY FL FL 32024
Owners Name JOHN LEE Phone 623 1387
911 Address 14373 S US HIGHWAY 441 LC FL 32024
Contractors Name TROUT RIVER BUILDERS INC Phone 965 7053
Address 21095 CR 137 LAKE CITY FL 32024

Fee Simple Owner Name & Address
Bonding Co. Name & Address
Architect/Engineer Name & Address
Mortgage Lenders Name & Address Peoples STATE BANK 350 SW MAIN BLD. LC FLA. 320

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
Property ID Number 03-65-17-09587-001 Estimated Cost of Construction 22,500
Subdivision Name Lot Block Unit Phase
Driving Directions 441 S S 175 60 SOUTH 1/2 MILE PROJECT ON LEFT

Type of Construction MINI STORAGE BUILDINGS Foundation Number of Existing Dwellings on Property NONE
Total Acreage 5AC. Lot Size Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Driv
Actual Distance of Structure from Property Lines - Front 30' Side 75' Side 35' Rear 250'
Total Building Height 9'4" Number of Stories 1 Heated Floor Area 6625 22,500 Roof Pitch 1/12

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

Owner Builder or Authorized Person by Notarized Letter

STATE OF FLORIDA COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me this 31 day of AUG 2007 Personally known or Produced Identification

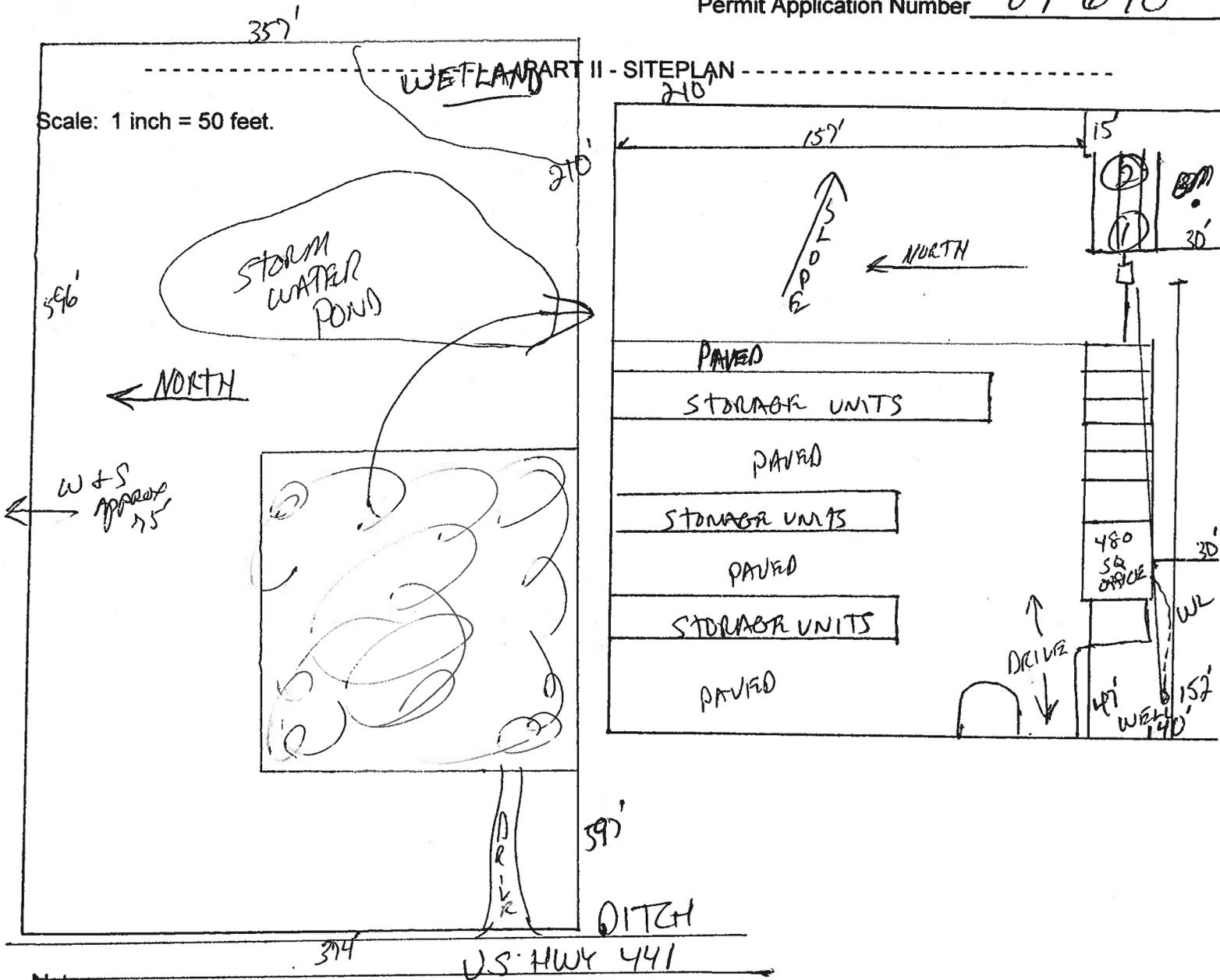


Contractor Signature [Signature]
Contractors License Number CBC1250920
Competency Card Number
NOTARY STAMP/SEAL

Notary Signature [Signature] (Revised Sept. 2006)

**STATE OF FLORIDA  
DEPARTMENT OF HEALTH  
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT**

Permit Application Number 07-690



Notes: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Site Plan submitted by: [Signature]  
 Plan Approved  Not Approved \_\_\_\_\_  
 By: [Signature]

**MASTER CONTRACTOR**  
 Date 9/4/07  
 County Health Department

**ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT**



26210

**SUWANNEE  
RIVER  
WATER  
MANAGEMENT  
DISTRICT**

9225 CR 49  
LIVE OAK, FLORIDA 32080  
TELEPHONE: (386) 362-1001  
TELEPHONE: 800-226-1066  
FAX (386) 362-1056

**GENERAL PERMIT**

**PERMITTEE:**

JOHN LEE  
314 SW DISCOVERY PLACE  
LAKE CITY, FL 32025

**PERMIT NUMBER:** ERP07-0238

**DATE ISSUED:** 06/25/2006  
**DATE EXPIRES:** 06/25/2009  
**COUNTY:** COLUMBIA  
**TRS:** S3/T6S/R17E

**PROJECT:** ELLISVILLE MINI STORAGE

*Duplicate*

Approved entity to whom operation and maintenance may be transferred pursuant to rule 40B-4.1130, Florida Administrative Code (F.A.C.):

JOHN LEE  
314 SW DISCOVERY PLACE  
LAKE CITY, FL 32025

Based on information provided, the Suwannee River Water Management District's (District) rules have been adhered to and an environmental resource general permit is in effect for the permitted activity description below:

**Construction and operation of a surfacewater management system serving 2.15 acres of impervious surface on a total project area of 5.02 acres. The project is a group of mini-storage buildings and shall be constructed in a manner consistent with the application package submitted by GTC Design Group and received by the District on May 24, 2007. Additional information received on June 18, 2007, shall be a part of the application package. Approved plans are signed and sealed by Brett Crews, P.E., on June 18, 2007.**

It is your responsibility to ensure that adverse off-site impacts do not occur either during or after construction. Any additional construction or alterations not authorized by this permit may result in flood control or water quality problems both on and off site and will be a violation of District rule.

You or any other substantially affected persons are entitled to request an administrative hearing or mediation. Please refer to enclosed notice of rights.

This permit is issued under the provisions of chapter 373, F.S., chapter 40B-4, and chapter 40B-400, F.A.C. A general permit authorizes the construction, operation, maintenance, alteration, abandonment, or removal of certain minor surface water management systems. This permit authorizes the permittee to perform the work necessary to construct, operate, and maintain the surface water management system shown on the application and other documents included in the application. This is to notify you of District's agency action concerning Notice Of Intent. This action is taken pursuant to rule 40B-4 and 40B-400, F.A.C.

**Standard Conditions for All General Permits:**

1. The permittee shall perform all construction authorized in a manner so as to minimize adverse impacts to fish, wildlife, natural environmental values, and water quality. The permittee shall institute necessary measures during construction including riprap, reinforcement, or compaction of any fill materials placed around newly installed structures, to minimize erosion, turbidity, nutrient loading, and sedimentation in the receiving waters.
  2. Water quality data representative of the water discharged from the permitted system, including, but not limited to, the parameters in chapter 62-302, F.A.C., shall be submitted to the District as required. If water quality data are required, the permittee shall provide data as required on the volume and rate of discharge including the total volume discharged during the sampling period. All water quality data shall be in accordance with and reference the specific method of analysis in "Standard Methods for the Examination of Water and Wastewater" by the American Public Health Association or "Methods for Chemical Analysis of Water and Wastes" by the U.S. Environmental Protection Agency.
  3. The operational and maintenance phase of an environmental resource permit will not become effective until the owner or his authorized agent certifies that all facilities have been constructed in accordance with the design permitted by the District. If required by the District, such as-built certification shall be made by an engineer or surveyor. Within 30 days after the completion of construction of the system, the permittee shall notify the District that the facilities are complete. If appropriate, the permittee shall request transfer of the permit to the responsible entity approved by the District for operation and maintenance. The District may inspect the system and, as necessary, require remedial measures as a condition of transfer of the permit or release for operation and maintenance of the system.
  4. Off-site discharges during and after construction shall be made only through the facilities authorized by the permit. Water discharged from the project shall be through structures suitable for regulating upstream stage if so required by the District. Such discharges may be subject to operating schedules established by the District.
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5. The permit does not convey to the permittee any property right nor any rights or privileges other than those specified in the permit and chapter 40B-1, F.A.C.
  6. The permittee shall hold and save the District harmless from any and all damages, claims, or liabilities which may arise by reason of the construction, operation, maintenance, alteration, abandonment, or development in a Works of the District which is authorized by the permit.
  7. The permit is issued based on the information submitted by the applicant which reasonably demonstrates that adverse off-site water resource impacts will not be caused by the permitted activity. It is the responsibility of the permittee to insure that such adverse impacts do not in fact occur either during or after construction.
  8. It is the responsibility of the permittee to obtain all other clearances, permits, or authorizations required by any unit of local, state, or federal government.
  9. The surfacewater management system shall be constructed prior to or concurrent with the development that the system is intended to serve and the system shall be completed within 30 days of substantial completion of the development which the system is intended to serve.
  10. Except for General Permits After Notice or permits issued to a unit of government, or unless a different schedule is specified in the permit, the system shall be inspected at least once every third year after transfer of a permit to operation and maintenance by the permittee or his agent to ascertain that the system is being operated and maintained in a manner consistent with the permit. A report of inspection is to be sent to the District within 30 days of the inspection date. If required by chapter 471, F.S., such inspection and report shall be made by an engineer.
  11. The permittee shall allow reasonable access to District personnel or agents for the purpose of inspecting the system to insure compliance with the permit. The permittee shall allow the District, at its expense, to install equipment or devices to monitor performance of the system authorized by their permit.
  12. The surfacewater management system shall be operated and maintained in a manner which is consistent with the conditions of the permit and chapter 40B-4.2040, F.A.C.
  13. The permittee is responsible for the perpetual operation and maintenance of the system unless the operation and maintenance is transferred pursuant to chapter 40B-4.1130, F.A.C., or the permit is modified to authorize a new operation and maintenance entity pursuant to chapter 40B-4.1110, F.A.C.
  14. All activities shall be implemented as set forth in the plans, specifications and performance
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Permit No.: ERP07-0238

Project: ELLISVILLE MINI STORAGE

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criteria as approved by this permit. Any deviation from the permitted activity and the conditions for undertaking that activity shall constitute a violation of this permit.

15. This permit or a copy thereof, complete with all conditions, attachments, exhibits, and modifications, shall be kept at the work site of the permitted activity. The complete permit shall be available for review at the work site upon request by District staff. The permittee shall require the contractor to review the complete permit prior to commencement of the activity authorized by this permit.

16. Activities approved by this permit shall be conducted in a manner which do not cause violations of state water quality standards.

17. Prior to and during construction, the permittee shall implement and maintain all erosion and sediment control measures (best management practices) required to retain sediment on-site and to prevent violations of state water quality standards. All practices must be in accordance with the guidelines and specifications in the Florida Stormwater, Erosion, and Sedimentation Control Inspector's Manual unless a project specific erosion and sediment control plan is approved as part of the permit, in which case the practices must be in accordance with the plan. If site-specific conditions require additional measures during any phase of construction or operation to prevent erosion or control sediment, beyond those specified in the erosion and sediment control plan, the permittee shall implement additional best management practices as necessary, in accordance with the Florida Stormwater, Erosion, and Sedimentation Control Inspector's Manual. The permittee shall correct any erosion or shoaling that causes adverse impacts to the water resources.

18. Stabilization measures shall be initiated for erosion and sediment control on disturbed areas as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than seven days after the construction activity in that portion of the site has temporarily or permanently ceased.

19. At least 48 hours prior to commencement of activity authorized by this permit, the permittee shall submit to the District a Construction Commencement Notice Form No. 40B-1.901(14) indicating the actual start date and the expected completion date.

20. When the duration of construction will exceed one year, the permittee shall submit construction status reports to the District on an annual basis utilizing an Annual Status Report Form No. 40B-1.901(15). These forms shall be submitted during June of each following year.

21. For those systems which will be operated or maintained by an entity requiring an easement or deed restriction in order to provide that entity with the authority necessary to operate or maintain the system, such easement or deed restriction, together with any other final operation or

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maintenance documents as are required by Paragraph 40B-4.2030(2)(g), F.A.C., and Rule 40B-4.2035, F.A.C., must be submitted to the District for approval. Documents meeting the requirements set forth in these subsections of District rules will be approved. Deed restrictions, easements and other operation and maintenance documents which require recordation either with the Secretary of State or Clerk of the Circuit Court must be so recorded prior to lot or unit sales within the project served by the system, or upon completion of construction of the system, whichever occurs first. For those systems which are proposed to be maintained by county or municipal entities, final operation and maintenance documents must be received by the District when maintenance and operation of the system is accepted by the local governmental entity. Failure to submit the appropriate final documents referenced in this paragraph will result in the permittee remaining liable for carrying out maintenance and operation of the permitted system.

22. Each phase or independent portion of the permitted system must be completed in accordance with the permitted plans and permit conditions prior to the initiation of the permitted use of site infrastructure located within the area served by that portion or phase of the system. Each phase or independent portion of the system must be completed in accordance with the permitted plans and permit conditions prior to transfer of responsibility for operation and maintenance of that phase or portion of the system to a local government or other responsible entity.

23. Within 30 days after completion of construction of the permitted system, or independent portion of the system, the permittee shall submit a written statement of completion and certification by a registered professional engineer or other appropriate individual as authorized by law, using the supplied As-Built Certification Form No. 40B-1.901(16) incorporated by reference in Subsection 40B-1.901(16), F.A.C. When the completed system differs substantially from the permitted plans, any substantial deviations shall be noted and explained and two copies of as-built drawings submitted to the District. Submittal of the completed form shall serve to notify the District that the system is ready for inspection. The statement of completion and certification shall be based on on-site observation of construction (conducted by the registered professional engineer, or other appropriate individual as authorized by law, or under his or her direct supervision) or review of as-built drawings for the purpose of determining if the work was completed in compliance with approved plans and specifications. As-built drawings shall be the permitted drawings revised to reflect any changes made during construction. Both the original and any revised specifications must be clearly shown. The plans must be clearly labeled as "as-built" or "record" drawing. All surveyed dimensions and elevations shall be certified by a registered surveyor. The following information, at a minimum, shall be verified on the as-built drawings:

- a. Dimensions and elevations of all discharge structures including all weirs, slots, gates, pumps, pipes, and oil and grease skimmers;
  - b. Locations, dimensions, and elevations of all filter, exfiltration, or underdrain systems including
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cleanouts, pipes, connections to control structures, and points of discharge to the receiving waters;

c. Dimensions, elevations, contours, or cross-sections of all treatment storage areas sufficient to determine stage-storage relationships of the storage area and the permanent pool depth and volume below the control elevation for normally wet systems, when appropriate;

d. Dimensions, elevations, contours, final grades, or cross-sections of the system to determine flow directions and conveyance of runoff to the treatment system;

e. Dimensions, elevations, contours, final grades, or cross-sections of all conveyance systems utilized to convey off-site runoff around the system;

f. Existing water elevation(s) and the date determined; and

g. Elevation and location of benchmark(s) for the survey.

24. The operation phase of this permit shall not become effective until the permittee has complied with the requirements of the condition in paragraph 23 above, the District determines the system to be in compliance with the permitted plans, and the entity approved by the District in accordance with Rule 40B-4.2035, F.A.C., accepts responsibility for operation and maintenance of the system. The permit may not be transferred to such approved operation and maintenance entity until the operation phase of the permit becomes effective. Following inspection and approval of the permitted system by the District, the permittee shall request transfer of the permit to the approved responsible operation and maintenance operating entity if different from the permittee. Until the permit is transferred pursuant to Rule 40B-4.1130, F.A.C., the permittee shall be liable for compliance with the terms of the permit.

25. Should any other regulatory agency require changes to the permitted system, the permittee shall provide written notification to the District of the changes prior to implementation so that a determination can be made whether a permit modification is required.

26. This permit does not eliminate the necessity to obtain any required federal, state, local and special District authorizations prior to the start of any activity approved by this permit. This permit does not convey to the permittee or create in the permittee any property right, or any interest in real property, nor does it authorize any entrance upon or activities on property which is not owned or controlled by the permittee, or convey any rights or privileges other than those specified in the permit and in this chapter and Chapter 40B-4, F.A.C.

27. The permittee is hereby advised that Section 253.77, F.S., states that a person may not commence any excavation, construction, or other activity involving the use of sovereign or other

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lands of the state, the title to which is vested in the Board of Trustees of the Internal Improvement Trust Fund without obtaining the required lease, license, easement, or other form of consent authorizing the proposed use. Therefore, the permittee is responsible for obtaining any necessary authorizations from the Board of Trustees prior to commencing activity on sovereignty lands or other state-owned lands.

28. Any delineation of the extent of a wetland or other surface water submitted as part of the permit application, including plans or other supporting documentation, shall not be considered specifically approved unless a specific condition of this permit or a formal determination under 40B-400.046, F.A.C., provides otherwise.

29. The permittee shall notify the District in writing within 30 days of any sale, conveyance, or other transfer of ownership or control of the permitted system or the real property at which the permitted system is located. All transfers of ownership or transfers of a permit are subject to the requirements of Rule 40B-4.1130, F.A.C. The permittee transferring the permit shall remain liable for any corrective actions that may be required as a result of any permit violations prior to such sale, conveyance or other transfer.

30. If historical or archaeological artifacts are discovered at any time on the project site, the permittee shall immediately notify the District.

31. The permittee shall immediately notify the District in writing of any previously submitted information that is later discovered to be inaccurate.

WITHIN 30 DAYS AFTER COMPLETION OF THE PROJECT, THE PERMITTEE SHALL NOTIFY THE DISTRICT, IN WRITING, THAT THE FACILITIES ARE COMPLETE.

Approved by Jerry Bowden Date Approved 06/25/07  
District Staff

[Signature]  
Clerk

[Signature]  
Executive Director

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**NOTICE OF RIGHTS**

- 1. A person whose substantial interests are or may be determined has the right to request an administrative hearing by filing a written petition with the Suwannee River Water Management District (District), or may choose to pursue mediation as an alternative remedy under Section 120.569 and 120.573, Florida Statutes, before the deadline for filing a petition. Choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement. The procedures for pursuing mediation are set forth in Sections 120.569 and 120.57 Florida Statutes. Pursuant to Rule 28-106.111, Florida Administrative Code, the petition must be filed at the office of the District Clerk at District Headquarters, 9225 C.R. 49, Live Oak, Florida 32060 within twenty-one (21) days of receipt of written notice of the decision or within twenty-one (21) days of newspaper publication of the notice of District decision (for those persons to whom the District does not mail actual notice). A petition must comply with Chapter 28-106, Florida Administrative Code.**
  - 2. If the Governing Board takes action which substantially differs from the notice of District decision to grant or deny the permit application, a person whose substantial interests are or may be determined has the right to request an administrative hearing or may chose to pursue mediation as an alternative remedy as described above. Pursuant to Rule 28-106.111, Florida Administrative Code, the petition must be filed at the office of the District Clerk at District Headquarters, 9225 C.R. 49, Live Oak, Florida 32060 within twenty-one (21) days of receipt of written notice of the decision or within twenty-one (21) days of newspaper publication of the notice of District decision (for those persons to whom the District does not mail actual notice). Such a petition must comply with Chapter 28-106, Florida Administrative Code.**
  - 3. A substantially interested person has the right to a formal administrative hearing pursuant to Section 120.569 and 120.57(1), Florida Statutes, where there is a dispute between the District and the party regarding an issue of material fact. A petition for formal hearing must comply with the requirements set forth in Rule 28-106.201, Florida Administrative Code.**
  - 4. A substantially interested person has the right to an informal hearing pursuant to Section 120.569 and 120.57(2), Florida Statutes, where no material facts are in dispute. A petition for an informal hearing must comply with the requirements set forth in Rule 28-106.301, Florida Administrative Code.**
  - 5. A petition for an administrative hearing is deemed filed upon receipt of the petition by the Office of the District Clerk at the District Headquarters in Live Oak, Florida.**
  - 6. Failure to file a petition for an administrative hearing within the requisite time frame shall constitute a waiver of the right to an administrative hearing pursuant to Rule 28-106.111, Florida Administrative Code.**
-

7. The right to an administrative hearing and the relevant procedures to be followed is governed by Chapter 120, Florida Statutes, and Chapter 28-106, Florida Administrative Code.

8. Pursuant to Section 120.68, Florida Statutes, a person who is adversely affected by final District action may seek review of the action in the District Court of Appeal by filing a notice of appeal pursuant to the Florida Rules of Appellate Procedure, within 30 days of the rendering of the final District action.

9. A party to the proceeding before the District who claims that a District order is inconsistent with the provisions and purposes of Chapter 373, Florida Statutes, may seek review of the order pursuant to Section 373.114, Florida Statutes, by the Florida Land and Water Adjudicatory Commission, by filing a request for review with the Commission and serving a copy of the Department of Environmental Protection and any person named in the order within 20 days of adoption of a rule or the rendering of the District order.

10. For appeals to the District Courts of Appeal, a District action is considered rendered after it is signed on behalf of the District, and is filed by the District Clerk.

11. Failure to observe the relevant time frames for filing a petition for judicial review, or for Commission review, will result in waiver of the right to review.

#### CERTIFICATE OF SERVICE

I hereby certify that a copy of the foregoing Notice of Rights has been sent by U.S. Mail to:

JOHN LEE  
314 SW DISCOVERY PLACE  
LAKE CITY, FL 32025

At 4:00 p.m. this 28 day of June, 2007



Jon M. Dinges  
Deputy Clerk  
Suwannee River Water Management District  
9225 C.R. 49

Permit No.: ERP07-0238

Project: ELLISVILLE MINI STORAGE

Page 10 of 10

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Live Oak, Florida 32060  
386.362.1001 or 800.226.1066 (Florida only)

cc: File Number: ERP07-0238

---

PER



## ***Florida Department of Transportation***

**JEB BUSH  
GOVERNOR**

**605 Suwannee Street  
Tallahassee, FL 32399-0450**

**DENVER STRUTLER, JR. SECRETARY**

FDOT-Lake City Maintenance  
Permits Department  
Post Office Box 1415  
Lake City, Fl. 32056-1415

Date: 7-16-07  
GTC Design Group. Inc.  
Mr. Brett Crews, P. E.  
176 NW Lake Jeffery Road  
Lake City, Fl. 32055

### **RE: Approved Commercial FDOT Access Connection Permit**

Project Name: Ellisville Mini-Storage  
Permittee: John Lee  
Permit No: 2006-A-292-22  
Access Permit Category: B  
State Section No: 29030  
Mile Post Location: 9.669 + -

Mr. Freeman:

This legal cover letter acknowledges your request on behalf of your client, Mr. John Lee whose last address was 314 SW Discovery Place, Lake City, Florida 32025 in making proposed new Minor Commercial Access Connection and Roadway Improvements to State Highway No. 25 South in Columbia County, Florida. As the responsible engineering agent, you are hereby notified that permission is hereby granted by the Florida Department of Transportation in making the following related permitted access improvements and/or modifications according to FDOT Permit Access Management and State FDOT Roadway Standard Construction Specifications.

Page 2 of 6  
Legal Cover Letter  
Permit No. 2007-A-292-39  
Permittee: John Lee

**PERMIT CONSTRUCTION TIME LIMITS ONCE PERMIT ACTIVATION HAS BEEN MADE**

This access and signalization permit is valid for one (1 year) year from the date it is signed and approved, however, once the permittee or his/her legal representative has legally notified and activated the Permits notice to proceed to the Department's Permit Office the permit life is restricted to a specific number of work days that can be much less than the original 1 year date of expiration. By notice of this permit provision, the Permittee is hereby legally notified of these reduced construction time limits restraints. **From the date of permit activation the permittee shall have a total of 30 continuous work days, (not counting official state holidays and Sundays) in which to start and complete said permitted connection and have received the required passing permit inspection in accordance with the approved permit provisions and this legal cover letter, (which is a part of the legal permit.)**

These time restraints are automatically imposed at the time of legal notice of permit activation. Failure on the Permittee's part to adhere too and abide by these permit construction time limit conditions shall not be the responsibility of the Florida Department of Transportation. You are hereby notified to same.

**Access Connection Details**

Proposed for construction to State Highway No. 25 (US 41/441) is a single twenty-four (24') foot wide asphalt paved, radius return access connection with double asphalt paved shoulders on fifty foot (50') turning radii. The proposed connection shall be considered a Class B, Minor Commercial Access Connection and as such may not exceed the maximum total of 600 total vehicular trips allowed under this approved permit.

The new driveway shall be constructed with a minimum of 12 inches of earth Stabilized Type B Subgrade (Min. LBR 40,) with compaction of 98% required and a minimum of six (6") inches compacted limerock base course lift (98% density compaction, AASHTO T-180 Test.) The new connection shall require a minimum of two inches of FDOT Type FC 12.5. Super Pave. The proposed new asphalt paved shoulders shall require a minimum of five (5") inches of compacted limerock base course with a minimum of 1.5 inches of compacted FDOT Type SP-12.5. The new connection shall require a minimum of seventy-seven LF (tip to Tip) of eighteen (18") inch diameter, round BCCMP (sidedrain pipe) due to the physical nature of the existing ditch line. This new pipe shall have FDOT Standard 1:4 sloped mitered end cuts and shall have concrete pads poured around each with grass sod all in accordance with FDOT Index No. 273. The new sidedrain pipe shall be placed a minimum of 4 inches below the existing flow line grade of the FDOT Ditch for future maintenance purposes.

Page 3 of 6  
Legal Cover Letter  
Permit No. 2007-A-292-39  
Permittee: John Lee  
Project Name: Ellisville Mini-Storage

Grass sod shall be required over the entire turnout sloped shoulders/both radii and all of the ditchline slopes in accordance with FDOT Index No. 273, Sheet 1 of 6 of the 2006 FDOT Design Standards.

**Special Requirements for Removal of existing side connections**

All pre-existing driveway access connections (if any) that lie within the limits of the permittee's property corners shall be removed and have had complete R/W Restoration (including complete coverage with grass sod) before any commencement of construction can begin at the new connection site. As a special provision of this permit any pre-existing connections must be removed before work can commence under this approved permit.

**DRIVEWAY AND ROADWAY PAVEMENT DESIGN**

All subgrade, base and or structural materials used shall require proof of passing density testing in accordance with those found in the most current FDOT Standard Specifications for Road & Bridge Construction Manual.

A total minimum of three density tests shall be required. Each density test must achieve or exceed a minimum of 98% compaction density. Proof of passing density on the subgrade and the two lime rock base course lifts must be forwarded to the local FDOT Permits Inspector at Lake City Maintenance a minimum of 24 hours in advance of any asphalt paving. Special Provision for Roadways with Existing Paved Shoulders: The existing outside paved shoulder lying between the limits of the connection's proposed improvements shall be mechanically sawn and removed to provide for a smooth transition edge with the newly planned asphalt connection improvements planned. The driveway's sloped shoulders must maintain a maximum grade of 1:4 throughout the full turn movement of both of the turnout radii and shall be completely covered with Coastal Bermuda Grass Sod.

**1:4 SLOPED SHOULDERS**

Two 1:4 grade radiused sloped shoulders shall be constructed outside the required travel surface from the edge-of-pavement to the FDOT Right-of-way line. These two sloped shoulders must be stabilized with a complete coverage of coastal Bermuda grass sod and must be wood staked if on more than a 1:4 slope.

**THERMOPLASTIC MATERIALS REQUIRED**

**All driveways, roadway pavement striping required under this FDOT Permit shall be made with Certified Lead Free Thermoplastic Materials. This shall include those areas that may be off the State R/W but pertain to the safety characteristics of this access connection.**

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Page 4 of 6  
Legal Cover Letter  
Permit No. 2007-A-292-39  
Permittee: John Lee  
Project Name: Ellisville Mini-Storage

**PAVEMENT THERMOPLASTIC STRIPING REQUIRED**

Two 6 inch wide radiused white thermoplastic driveway radiused roadway edge striping is required as shown as well as a 24 inch wide thermoplastic STOP Bar is required. A 30 by 30 inch diameter R1-1 FDOT 600 Series STOP Sign shall be required to be constructed in accordance with FDOT Design Standards. All aboveground signs that are required under this approved permit shall be in place and have received a passing inspection before final driveways completion. The new connection shall not be utilized at any time before the FDOT Permits Office has made their final permitted site inspection with a passing grade inspection being received, with evidence of same to the Permittee.

**All density tests must be delivered to the FDOT Permits Office at Lake City Maintenance a minimum of 24 hours in advance of any planned asphalt paving (as may be the case.)**

**Minimum FDOT REQUIREMENTS**

All completed work upon FDOT Right-of-ways shall be in accordance with the State of Florida, FDOT's most current specifications for Road and Bridge and the most current FDOT Design Standards.

**Roadway, Ditch/Slope Area, Grass Sodding Requirements & R/W Restoration**

All areas of the ditch line its slopes; radii and other areas that fall within the limits of the permitted access turning radii shall receive a complete coverage of Certified Coastal Bermuda Grass Sod. All other areas outside this particular area shall require a complete coverage of hulled Bermuda grass and millet seed with copious amounts of Straw Mulch covering all. All areas upon FDOT R/W shall be made clean and acceptable.

**Notice of Final Approved Plans Interpretation**

The Local Permits Office having jurisdiction over the approved permit shall have final determination over all approved plan & construction concepts and method details that could affect the FDOT Right-of-Way Property.

**Notice of Pre-Construction Meeting (Mandatory)**

The Permittee and his/her construction supervisor(s) shall meet a minimum of 48 hours in advance of activation of this permit, so that all parties will have an opportunity to read in detail this attached cover letter, review its plans and be provided the opportunity to ask any questions he or she may have in regards to this permit.

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Page 5 of 6  
Legal Cover Letter  
Permit No. 2007-A-292-39  
Permittee: John Lee  
Project Name: Ellisville Mini-Storage

It shall be the Permittee's responsibility to contact the local Permits Office no later than 48 hours in advance of the planned activation/construction commencement date, so that this provision can be completed satisfactory to all parties involved. **BE AWARE: THIS IS A MANDATORY PERMIT PROVISION!! FAILURE TO COMPLETE THIS SPECIAL PROVISION SHALL BE REASON FOR SUSPENSION OF THE APPROVED PERMIT!**

#### **Grass Sod Requirement Details**

All slopes, shoulders, ditches, and other disturbed areas within the limits of the proposed paved turnout radii, shall be completely grass sodded with Certified Coastal Bermuda grass. **Note: all grass shall be installed, watered and inspected for evidence of growth, before any paving can commence under this permit. Failure to complete this provision can be reason for temporary suspension of this permit.**

**NOTICE: ALL R/W RESTORATION AND REQUIRED GRASS SOD SHALL BE PLACED DOWN AND INSPECTED BEFORE ANY ASPHALT/CONCRETE PAVING CAN COMMENCE UNDER THIS APPROVED PERMIT.**

#### **Save Harmless Clause**

Please refer to the approved permit, cover Letter and site plan drawings and if attached addendum for Access type, location and construction details. **Refer to the approved connection permit for additional General and Special Provisions that could alter construction design plans as shown on the attached site plan.** A copy of the approved site plan and the permit itself shall be on site at all times. Construction on the Department of Transportation's Right-of-Way shall meet all of the Department's Standard Construction Specifications and Safety Criteria. This Permit is issued with the understanding that a Department approved contractor shall perform all construction in accordance with F.D.O.T. Specifications and that all costs of construction shall be borne by the applicant.

It is also understood and agreed that the rights and privileges herein set out, are granted only to the extent of the State's Right, Title and Interest in the land to be entered upon and used by the holder, and the holder will at all times, assume all risk of and indemnify, defend, and save harmless the State of Florida and the Department from and against any and all loss, damage, cost or expense arising in any manner on account of the exercise or attempted exercise by said holder of the aforesaid rights and privileges.

Page 6 of 6  
Legal Cover Letter  
Permit No. 2007-A-292-39  
Permittee: John Lee  
Project Name: Ellisville Mini-Storage

**Final Passing Inspection Required**

**Once all permitted improvements have been completed (as per the project engineer notice) all new access permit construction must have received a required final passing inspection from the access permits office.**

It is required that the Permittee, Project Professional Engineer or Legal Representative contact our Permits Coordinator, Neil E. Miles, at 710 N W Lake Jeffery Road, Suite 101, Lake City, Florida, 32055-2621, at Phone Number (904) 961-7193 or if no answer 961-7180, a minimum of **48** hours prior to your planned construction commencement date to activate the approved permit and conduct the required pre-construction meeting.

Sincerely,

A handwritten signature in black ink that reads "Neil E. Miles". The signature is written in a cursive style with a large, sweeping "N" and "M".

Neil E. Miles  
Access Permits Coordinator  
Lake City Maintenance

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
**DRIVEWAY CONNECTION PERMIT  
FOR ALL CATEGORIES**

850-040-18  
SYSTEMS PLANNING - 06/06  
Page 1 of 3

**PART 1: PERMIT INFORMATION**

APPLICATION NUMBER: 2007-A-292-39

Permit Category: B Access Classification: 4

Project: 24' ASP/ CON DRIVEWAY WITH DOUBLE 50' TURN RADII.

Permittee: JOHN LEE

Section/Mile Post: 29030 / 9.669+- State Road: 25 (S)

Section/Mile Post: N/A State Road: N/A

**PART 2: PERMITTEE INFORMATION**

Permittee Name: JOHN LEE

Permittee Mailing Address: 134 SW DISCOVERY PL

City, State, Zip: LAKE CITY, FL.32025

Telephone: (386)755-0294

Engineer/Consultant/or Project Manager: GTC DESIGN GROUP, LLC.

Engineer responsible for construction inspection: BRETT CREWS  
NAME P.E. #

Mailing Address: 176 NW LAKE JEFFREY RD

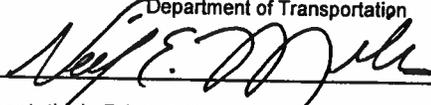
City, State, Zip: LAKE CITY, FL.32064

Telephone: (386)362-3678 Mobile Phone N/A

**PART 3: PERMIT APPROVAL**

The above application has been reviewed and is hereby approved subject to all Provisions as attached.

Permit Number: 2007-A-292-39

Signature:  Title: PERMITS COORDINATOR  
Department of Transportation

Department Representative's Printed Name NEIL E. MILES

Temporary Permit  YES  NO (If temporary, this permit is only valid for 6 months)

Special provisions attached  YES  NO

Date of Issuance: JUL 16 2007

If this is a normal (non-temporary) permit it authorizes construction for one year from the date of issuance. This can only be extended by the Department as specified in 14-96.007(6).

See following pages for General and Special Provisions

# FLORIDA DEPARTMENT OF TRANSPORTATION

CHARLIE CRIST  
GOVERNOR

STEPHANIE KOPELOUSOS  
SECRETARY



PERMITTEE : JOHN LEE S.R.25 (S) SEC NO: 29030 PERMIT CAT: B  
M.P. 9.669+-  
PROJ. DESCRIPTION : 24' ASH/ CON D/W W/D 50' T/R ETC.  
PERMIT NO: 07-A-292-39  
Asst. Maintenance Engineer or Permits Coordinator Approval

**NEIL E. MILES, PERMITS COORDINATOR**

THE FOLLOWING ARE ADDITIONAL SPECIAL PERMIT PROVISIONS THAT ARE A LEGAL PART OF THIS PERMIT & DO APPLY TO THE ABOVE REFERENCED PERMIT, IF SO MARKED MUST BE COMPLIED WITH IN ADDITIONAL TO THE GENERAL PROVISIONS.

1. XXX All portions of the FDOT right-of-way disturbed during construction under this permit shall be mulched seeded and /or 2 feet of grass sod placed adjacent to the driving lane, or as called for under the approved permit & per FDOT specifications.
2. XXX Permittee shall restore wildflowers disturbed during permitted construction with new seed to be (amount and method) determined by Mr. Dick Bush, District Landscaping Engineer. Seed shall be delivered to Lake City Maintenance, Permits Office before commencement of permitted placement.
3. XXX The Permittee will contact the appropriate city, county, state government agency; a minimum of forty-eight (48) hours in advance of starting excavation within the area of any signalized intersection.
4. XXX The Permittee can be required to physically relocate (move), as so indicated under this permit at a future date, due to proposed future or on-going FDOT roadway construction planned within the limits of the permitted area.
5. XXX Existing utilities may be located within the construction area. Prior to permit approval, permittee shall locate and notify all utilities within the proposed limits of construction and or permitted area and obtain detailed information from the utility owners as to possible conflicts between utilities and permit tee's work. Permittee shall be responsible for pre & post permit coordination, and all adjustments and shall be solely responsible for resolving any conflicts of utilities, either before or during or after the final permitting. The Permittee shall be solely responsible for any and all damages to existing utilities and/or damage to third parties caused by interference with or damage to existing utilities. The Permittee shall show positive proof that all utility owners with existing interest in the area permitted, have been previously contacted in advance of final permit approval.
6. XXX No business is to be done on FDOT right-of-ways, if vehicles are to be serviced on roadside with pumps, Pump islands must be located at least twelve (12) feet from right-of-way line.
7. XXX Driveway permits are granted to permit access to abutting property only. Parking on right-of-way may be restricted or prohibited.
8. XXX The erection of signs on or overhanging the right-of-way of state roads is not permitted. The connection of any type of subsurface drainage to FDOT storm drains or ditches is prohibited unless by permit or as shown in the general or special provisions of the referenced permit.
9. XXX All Construction and/or Maintenance on the Department's right-of-way shall conform to Federal Manual on Uniform Traffic Control Devices (MUTCD), the Department's most current manual of the Roadway and Traffic Design Standards Specifications for Road and Bridge Construction.
10. XXX Pre and Final Inspections are required by FDOT Permits Office and the assigned inspector.
11. XXX A pre-construction review of the construction planned under the permit shall be mandatory. The Permit tee shall make contact with the Lake City, Permits Office at (904) 961-7180 or 961-7193, a minimum of 48 hours in advance of the Permit tee's planned start date so as to arrange a mutually time to meet. Failure by the Permit tee to meet this requirement can be reason for revocation of the approved permit.
12. XXX If proposed permitted work limits are within a State Roadway Construction Area that is proposed or underway then the permit tee shall schedule commencement date and all planned work under this permit with the State FDOT's contract representative in charge of on-site project operational responsibilities.
13. XXX Final approved permit shall adhere to the signed and sealed plans, with no plan substitutions once approved.



## Cal-Tech Testing, Inc.

- Engineering
- Geotechnical
- Environmental

P.O. Box 1625 • Lake City, FL 32056

4784 Rosselle Street • Jacksonville, FL 32254

2230 Greensboro Highway • Quincy, FL 32351

Tel. (386) 755-3633 • Fax (386) 752-5456

Tel. (904) 381-8901 • Fax (904) 381-8902

Tel. (850) 442-3495 • Fax (850) 442-4008

LABORATORIES

September 4, 2007

Ellisville Mini Storage, Inc.  
14373 S. US Highway 441  
Ellisville, Florida 32024

Attention: Mrs. Constance Lee

Reference: Subsurface Exploration  
Ellisville Mini Storage  
Ellisville, Columbia County, Florida  
Cal-Tech Project No. 07-00436

Dear Mrs. Lee,

**Cal-Tech Testing, Inc. (CTI)** has completed the subsurface exploration and engineering evaluation for the proposed Mini Storage facility located on the east side of U.S. Highway No. 441, approximately ½ mile south of Interstate No. 75 in Ellisville, Columbia County, Florida. Our work was performed in conjunction with and authorized by you.

### Introduction

This exploration was developed to provide information regarding existing site and subsurface conditions, in order to provide foundation support alternatives for the planned Mini Storage building. This report briefly describes the field testing activities and presents our findings.

Project information was provided to us by Mr. Matt Forsyth of Trout River Builder on August 30, 2007. We were also furnished with a Grading Plan prepared by GTC dated July 10, 2007. As indicated on the attached Subsurface Exploration Plan, the proposed facility will consist of *typical* mini-storage units ranging in width from 20 to 25 feet. With the exception of the front office/units, the remaining storage buildings are arranged in a 4-column configuration (oriented north to south), and range in length from about 220 to 260 feet. Generally, the proposed construction will include one-story masonry block or metal buildings with associated parking and driveway areas. Detailed structural information has not been furnished; however, we assume bearing wall and individual column loads (if any) will not exceed 3 klf and 30 kips, respectively. We have also assumed that soil-supported ground floor loads (dead load plus live load) in the storage buildings will not exceed 125 psf.

Furnished plans indicate the finished floor elevation of the proposed buildings will range from about 73.4 feet to 75.8 feet. We understand the earthwork and rough grading operation was completed prior to our arrival to the job site. Based on our site observation, we estimate up to 5½ feet of the new fill was been placed within the southeastern 1/3 portion of the subject site.

### **Field Program**

Our field program consisted of performing four (4) Standard Penetration Test (SPT) borings extending to a depth of 15 feet below the existing ground surface. The borings were performed at the approximate locations indicated on the attached Field Exploration Plan, and were located in the field by our personnel.

The sampling and penetration procedures of the Standard Penetration Test (SPT) borings were accomplished in general accordance with ASTM D-1586, using a power rotary drill rig. The SPT borings were performed by driving a standard 1-3/8" I.D. and 2.0" O.D. split spoon sampler with a 140 pound hammer falling 30 inches. The number of hammer blows required to drive the sampler a total of 18 inches, in 6 inch increments, were recorded. The penetration resistance or "N" value is the summation of the last two 6 inch increments and is illustrated on the attached boring logs adjacent to their corresponding depths. The penetration resistance is used as an index to derive soil parameters from various empirical correlations.

### **Findings**

In general, the soil profile as disclosed by SPT borings B-1, B-2, and B-3 initially consisted of about 1 to 5 ½ feet of tan fine sand (SP) underlain by 12 ½ to 9 ½ feet of tan to light gray and reddish tan, clayey fine sand (SC). At the location of SPT boring B-2, these soils were underlain by about 2 feet of light gray to white and reddish tan, mottled, sandy clay (CL). At the location of SPT boring B-4, the soil profile initially consisted of about 5 ½ feet of gray to tan, fine sand, fill (SP). This stratum was underlain by alternating layers of clayey soils to boring termination depth of 15 feet below the existing ground surface.

The attached Generalized Subsurface Profile provides description, stratification lines and depth designations of each soil type. These lines represent the approximate boundary between the various soil types encountered. In some cases, the transition between the various soil types may be gradual.

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## Discussion and Recommendations

Based on the results of the test borings, it is our opinion the site soils are suitable for the support of the proposed structures. The mini-storage buildings may be supported on a conventional shallow foundation system designed using a maximum allowable bearing pressure of 2,000 psf. It is recommended that a minimum width of 18 and 24 inches be provided for strip and isolated footings, respectively. The bottoms of foundations should be embedded a minimum of 18 inches below the lowest adjacent grade (i.e., finished subgrade). It is recommended that buildings crossing cut/fill lines be supported entirely on a minimum of 24 inches of newly compacted suitable fill. This will alleviate the development of cracks in the slab-on-grade and/or footings due to differential settlements.

Exposed subgrade should be proof-rolled and proof-compacted prior to concrete placement (including bottom of footings and slab areas). Soils should be proof-compacted to a minimum of 95% of the modified Proctor maximum dry density (ASTM D-1557) to a minimum depth of 24 feet below finished subgrade elevation. We note this exploration was based upon subsurface conditions encountered at specific locations and time as presented within this report. However, subsurface conditions may exist that differ from our findings. We request that we be notified if dissimilar subsurface conditions are encountered.

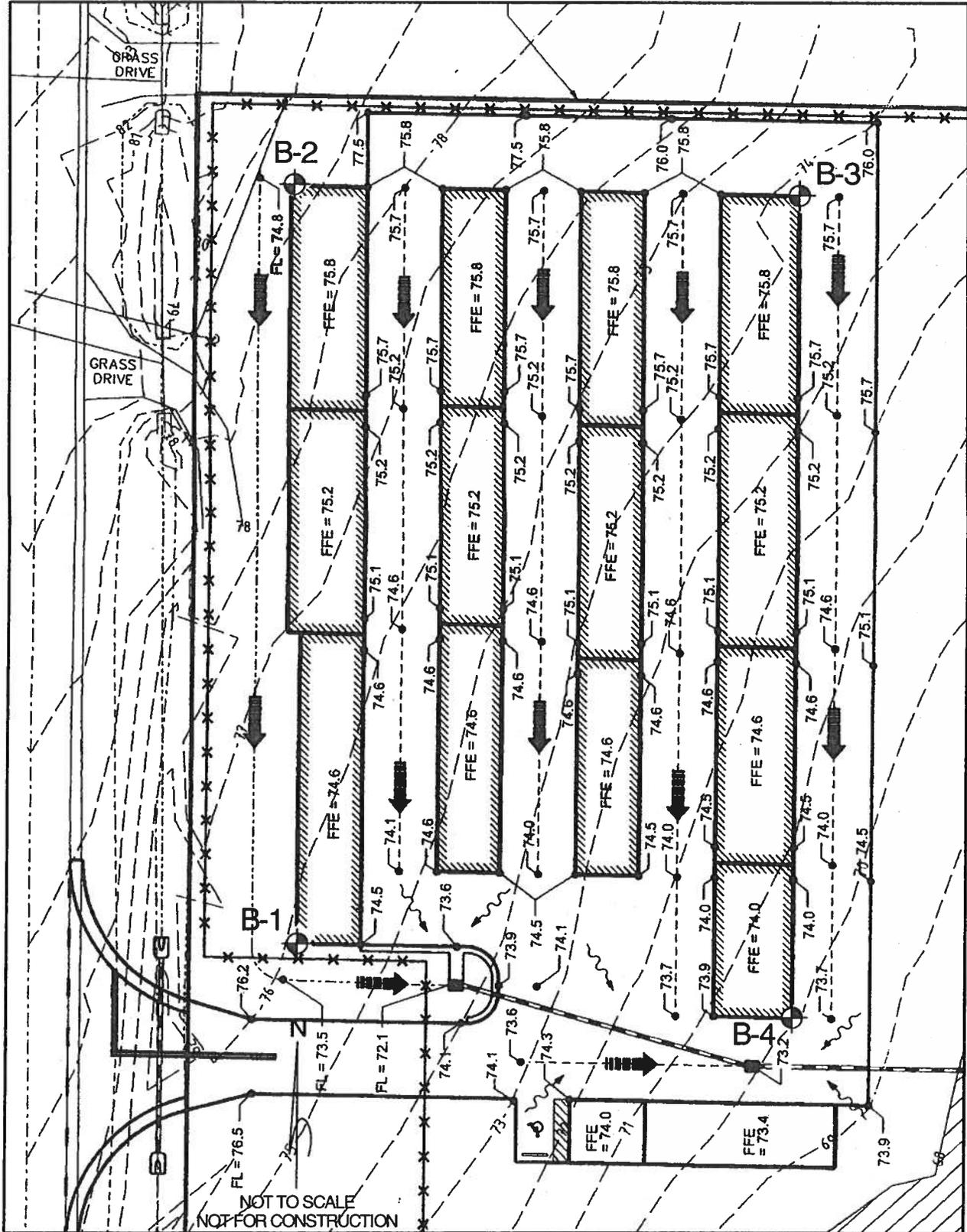
We appreciate the opportunity to be of service on this project and look forward to a continued association. Please do not hesitate to contact us should you have questions concerning this report or if we may be further service.

Respectfully submitted,  
Cal-Tech Testing, Inc.

  
Linda Creamer  
President / CEO

  
Nabil O. Hmeidi, P.E. 9/5/07  
Senior Geotechnical Engineer  
Licensed, Florida No. 57842

Attachment: Field Exploration plan (1 page)  
Generalized Subsurface Profile



**SUBSURFACE EXPLORATION  
ELLISVILLE MINI STORAGE  
ELLISVILLE, FLORIDA**

**FIELD EXPLORATION PLAN**

FIGURE:

1

DRAWN BY:

CHECKED BY:

DATE

JOB NO.

S.C. YOUNG

N.O. HMEIDI

9/4/07

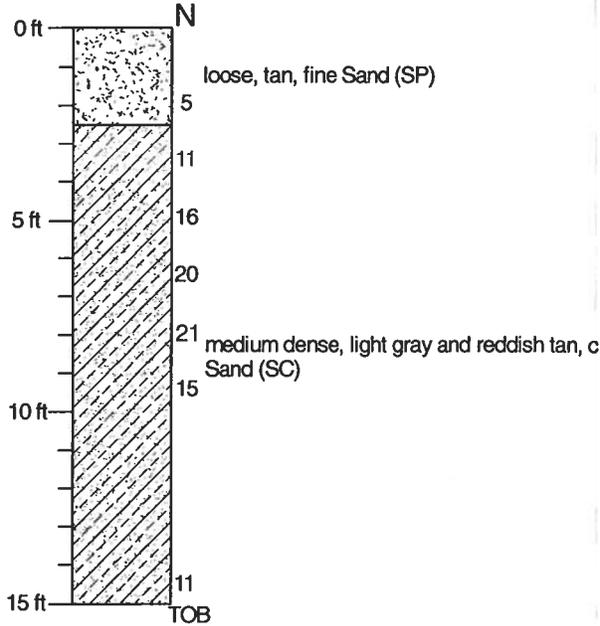
07-00436

# B-1

Water Table: N/A

Depth (ft)

Soil Description

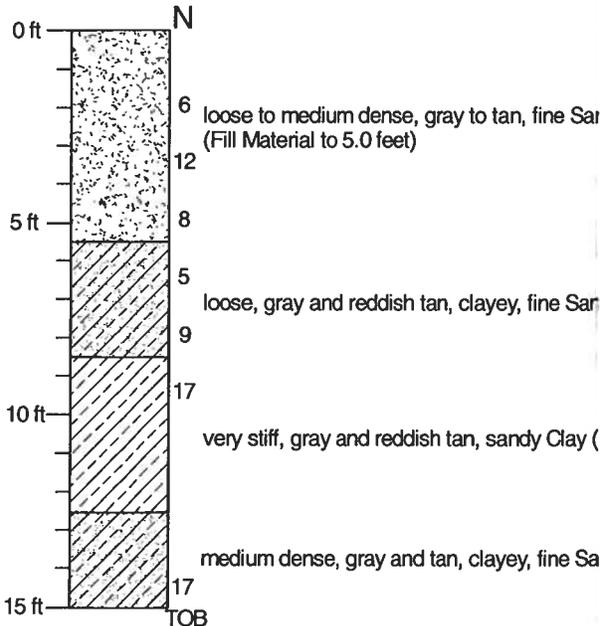


# B-4

Water Table: N/A

Depth (ft)

Soil Description



## ENGINEERING CLASSIFICATION

### GRANULAR MATERIALS-

Relative Density SPT (Blows/12 inches)

Very Loose Less than 4  
Loose 4-10  
Medium Dense 11-30  
Dense 31-50  
Very Dense Greater than 50

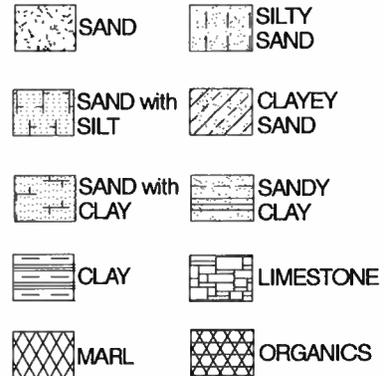
### SILTS AND CLAYS-

Consistency SPT (Blows/12 inches)

Very Soft Less than 2  
Soft 2-4  
Medium Stiff 5-8  
Stiff 9-15  
Very Stiff 16-30  
Hard Greater than 30

## LEGEND:

- TOB Termination of Boring
- GSE Ground Surface Elevation
- ∇ Ground Water at Time of Drilling
- ∇ Wet Season Water Table
- N Standard Penetration Resistance in Blows Per 12 inches (18-inch Spoon, ASTM D-1586)
- WOR Weight of Rod
- WOH Weight of Hammer
- MC Moisture Content (%)
- OC Organic Content (%)
- 200 Percent Passing No. 200 U.S. Standard Sieve
- LL Liquid Limit
- PI Plasticity Index
- (SP) Unified Soil Classification Based on Visual Observation and Laboratory Tests



## REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DATE  
BY  
PROJECT I.D.

GENERALIZED SUBSURFACE PROFILE

FIGURE:  
2

TICKET 051701433

# COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787  
PHONE: (386) 758-1125 \* FAX: (386) 758-1365 \* Email: ron\_croft@columbiacountyfla.com

## Addressing Maintenance

To maintain the Countywide Addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for assigning and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Service Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County.

DATE REQUESTED: 12/11/2006      DATE ISSUED: 12/20/2006

### ENHANCED 9-1-1 ADDRESS:

14373      S      US HIGHWAY 441  
LAKE CITY      FL      32024

### PROPERTY APPRAISER PARCEL NUMBER:

03-6S-17-09587-001

### Remarks:

ELLISVILLE MINI STORAGE

Address Issued By:



Columbia County 9-1-1 Addressing / GIS Department

**NOTICE: THIS ADDRESS WAS ISSUED BASED ON LOCATION INFORMATION RECEIVED FROM THE REQUESTER. SHOULD, AT A LATER DATE, THE LOCATION INFORMATION BE FOUND TO BE IN ERROR, THIS ADDRESS IS SUBJECT TO CHANGE.**

551

Approved Address

DEC 20 2006

TERRY McDAVID  
200 North Marion Street  
LAKE CITY, FLORIDA 32055

# Warranty Deed

(STATUTORY FORM—SECTION 689.02 F.S.)

This Indenture, Made this 22nd day of December 19 83, Between

✓ BESSIE M. FARNELL, an unmarried widow,

of the County of Columbia, State of Florida

JOHNNY E. LEE and his wife, CONSTANCE A. LEE

whose post office address is Route 3, Box 176, Lake City, Florida 32055

of the County of Columbia, State of Florida

Witnesseth, That said grantor, for and in consideration of the sum of

Ten and no/100----- Dollars,

and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantee, and grantee's heirs and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

### TOWNSHIP 6 SOUTH - RANGE 17 EAST

SECTION 3: Commence at the intersection of the South line of the NE $\frac{1}{4}$  of the SE $\frac{1}{4}$ , Section 3, Township 6 South, Range 17 East, and the Easterly right of way line of State Road 25 for the POINT OF BEGINNING; run thence N 0 $^{\circ}$ 56'W along said Easterly right of way line 375.11 feet; thence N 89 $^{\circ}$ 04'E, 596.93 feet; thence S 0 $^{\circ}$ 56'E, 357.70 feet to the intersection of the South line of the NE $\frac{1}{4}$  of the SE $\frac{1}{4}$ , Section 3, Township 6 South, Range 17 East; thence S 87 $^{\circ}$ 23'45"W along said South line, 597.18 feet to POINT OF BEGINNING. Containing 5.02 acres, more or less.

DOCUMENTARY STAMP 454  
INTANGIBLE TAX 0  
MARY B. CHILDS, CLERK OF COURTS, COLUMBIA COUNTY

BY W. W. White D.C.

and said grantor does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all persons whomsoever.

\*"Grantor" and "grantee" are used for singular or plural, as context requires.

In Witness Whereof,

Grantor has hereunto set grantor's hand and seal the day and year first above written.

Signed, sealed and delivered in our presence:

Winnie S. Ball  
M. P. Elroy

Bessie M. Farnell  
Bessie M. Farnell

RECORDED IN PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA  
1983 DEC 22 AM 10:56  
(Seal)  
(Seal)  
(Seal)  
(Seal)

STATE OF FLORIDA  
COUNTY OF COLUMBIA

I HEREBY CERTIFY that on this day before me, an officer duly qualified to take acknowledgments, personally appeared BESSIE M. FARNELL, an unmarried widow,

to me known to be the person described in and who executed the foregoing instrument and acknowledged before me that She executed the same.

WITNESS my hand and official seal in the County and State last aforesaid this 22nd day of December 19 83

My commission expires: 8/28/86

Winnie S. Ball  
Notary Public

STATE OF FLORIDA, COUNTY OF COLUMBIA

I HEREBY CERTIFY, that the above and foregoing is a true copy of the original filed in this office.  
P. DeWITT CASOY, CLERK OF COURTS

By P. DeWitt Casoy  
Deputy Clerk

Date Nov 17, 2006



NEW ADDRESS IS 134 SW DISSCOVERY PL.  
LAKE CITY FL 32055

2006-07

COLUMBIA COUNTY OCCUPATIONAL LICENSE  
RONNIE BRANNON, TAX COLLECTOR

LICENSE NUMBER:

10262

LICENSE EXPIRES 09/30/2007

MACHINES ROOMS SEATS EMPLOYEES

1

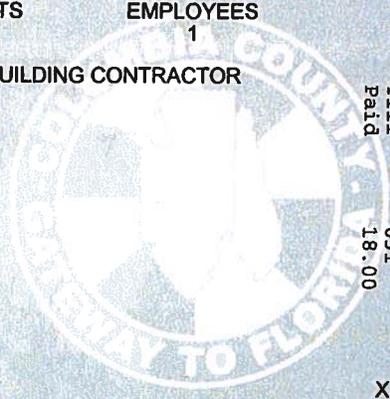
BUSINESS TYPE: 000102

BUILDING CONTRACTOR

TROUT RIVER BUILDERS, INC.  
MATTHEW C. FORSYTH  
21095 CR 137  
LAKE CITY FL 32024-0000

LOCATION 21095 CR 137  
ADDRESS LAKE CITY FL 32024-0000

0000001800 0000001800 0000000000000699 1001 8



3106047.0001 of 0001  
DATE 08/22/2006  
Oper GMB  
Till 031  
Paid 18.00

RONNIE BRANNON TAX

X SUPPLEMENTAL RENEWAL 18.00  
NEW LICENSE  
TRANSFER  
PENALTY 0.00  
TOTAL 18.00

*Matthew C Forsyth*  
SIGN AND RETURN WITH PAYMENT

I SWEAR THAT THIS APPLICATION FOR LICENSE IS MADE FOR THE BUSINESS OR PROFESSION INDICATED HEREON AND IS TRUE AND CORRECT.  
THE APPLICATION MUST COMPLY WITH STATE AND LOCAL ORDINANCE INCLUDING ZONING.

AC# 2731184

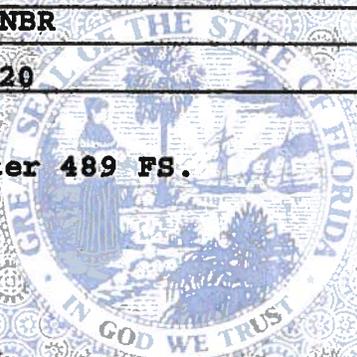
STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
CONSTRUCTION INDUSTRY LICENSING BOARD

SEQ# L06081801496

DATE	BATCH NUMBER	LICENSE NBR
08/18/2006	067007152	CBC1250920

The BUILDING CONTRACTOR  
Named below IS CERTIFIED  
Under the provisions of Chapter 489 FS.  
Expiration date: AUG 31, 2008



FORSYTH, MATTHEW COWLEY  
TROUT RIVER BUILDERS INC  
21095 CR 137  
LAKE CITY FL 32024

JEB BUSH  
GOVERNOR

SIMONE MARSTILLER  
SECRETARY

DISPLAY AS REQUIRED BY LAW

STATE OF FLORIDA AC# 2731184  
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
CBC1250920 08/18/06 067007152  
CERTIFIED BUILDING CONTRACTOR  
FORSYTH, MATTHEW COWLEY  
TROUT RIVER BUILDERS INC  
IS CERTIFIED under the provisions of Ch. 489 FS.  
Expiration date: AUG 31, 2008 L06081801496



**SUWANNEE  
RIVER  
WATER  
MANAGEMENT  
DISTRICT**

9225 CR 49  
LIVE OAK, FLORIDA 32060  
TELEPHONE: (386) 362-1001  
TELEPHONE: 800-226-1066  
FAX (386) 362-1056

**GENERAL PERMIT**

**PERMITTEE:**

JOHN LEE  
314 SW DISCOVERY PLACE  
LAKE CITY, FL 32025

**PERMIT NUMBER:** ERP07-0238

**DATE ISSUED:** 06/25/2006

**DATE EXPIRES:** 06/25/2009

**COUNTY:** COLUMBIA

**TRS:** S3/T6S/R17E

**PROJECT:** ELLISVILLE MINI STORAGE

Approved entity to whom operation and maintenance may be transferred pursuant to rule 40B-4.1130, Florida Administrative Code (F.A.C.):

JOHN LEE  
314 SW DISCOVERY PLACE  
LAKE CITY, FL 32025

Based on information provided, the Suwannee River Water Management District's (District) rules have been adhered to and an environmental resource general permit is in effect for the permitted activity description below:

**Construction and operation of a surfacewater management system serving 2.15 acres of impervious surface on a total project area of 5.02 acres. The project is a group of mini-storage buildings and shall be constructed in a manner consistent with the application package submitted by GTC Design Group and received by the District on May 24, 2007. Additional information received on June 18, 2007, shall be a part of the application package. Approved plans are signed and sealed by Brett Crews, P.E., on June 18, 2007.**

It is your responsibility to ensure that adverse off-site impacts do not occur either during or after construction. Any additional construction or alterations not authorized by this permit may result in flood control or water quality problems both on and off site and will be a violation of District rule.

You or any other substantially affected persons are entitled to request an administrative hearing or mediation. Please refer to enclosed notice of rights.

07-670



STATE OF FLORIDA DEPARTMENT OF HEALTH ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEM CONSTRUCTION PERMIT

PERMIT NO. AP33589 DATE PAID: 8-29-07 FEE PAID: 215.00 RECEIPT #: 12-PID-30441

CONSTRUCTION PERMIT FOR:

[X] New System [ ] Existing System [ ] Holding Tank [ ] Innovative [ ] Repair [ ] Abandonment [ ] Temporary [ ]

APPLICANT: Johnny Lee

PROPERTY ADDRESS: SW US HWY 441, Ellisville

LOT: na BLOCK: na SUBDIVISION: na

[SECTION, TOWNSHIP, RANGE, PARCEL NUMBER] [OR TAX ID NUMBER]

PROPERTY ID #: 3-6-17-09587-001

SYSTEM MUST BE CONSTRUCTED IN ACCORDANCE WITH SPECIFICATIONS AND STANDARDS OF SECTION 381.0065 F.S., AND CHAPTER 64E-6, F.A.C. DEPARTMENT APPROVAL OF SYSTEM DOES NOT GUARANTEE SATISFACTORY PERFORMANCE FOR ANY SPECIFIC PERIOD OF TIME. ANY CHANGE IN MATERIAL FACTS, WHICH SERVED AS BASIS FOR ISSUANCE OF THIS PERMIT, REQUIRE THE APPLICANT TO MODIFY THE PERMIT APPLICATION SUCH MODIFICATIONS MAY RESULT IN THIS PERMIT BEING MADE NULL AND VOID. ISSUANCE OF THIS PERMIT DOES NOT EXEMPT THE APPLICANT FROM COMPLIANCE WITH OTHER FEDERAL, STATE, OR LOCAL PERMITTING REQUIRED FOR DEVELOPMENT OF THIS PROPERTY.

SYSTEM DESIGN AND SPECIFICATIONS

T [ 900 ] GALLONS / GPD SEPTIC TANK/AEROBIC UNIT CAPACITY MULTI-CHAMBERED/IN-SERIES [ ] A [ ] GALLONS / GPD CAPACITY MULTI-CHAMBERED/IN-SERIES [ ] N [ ] GALLONS GREASE INTERCEPTOR CAPACITY [MAXIMUM CAPACITY SINGLE TANK: 1250 GALLONS] K [ ] GALLONS DOSING TANK CAPACITY [ ] GALLONS @ [ ] DOSES PER 24 HRS # PUMPS [ ]

D [ 228 ] SQUARE FEET PRIMARY DRAINFIELD SYSTEM R [ ] SQUARE FEET SYSTEM

A TYPE SYSTEM: [X] STANDARD [ ] FILLED [ ] MOUND [ ] I CONFIGURATION: [X] TRENCH [ ] BED [ ]

N F LOCATION OF BENCHMARK: TOP OF STAKE NEXT TO SITE

I ELEVATION OF PROPOSED SYSTEM SITE [ 12 ] [INCHES/FT] [ABOVE/BELOW] BENCHMARK/REFERENCE POINT E BOTTOM OF DRAINFIELD TO BE [ 32 ] [INCHES/FT] [ABOVE/BELOW] BENCHMARK/REFERENCE POINT

L D FILL REQUIRED: [ NA ] INCHES EXCAVATION REQUIRED: [ 0 ] INCHES

O T H E R

SPECIFICATIONS BY: [Signature] TITLE: MASTER CONTRACTOR

APPROVED BY: [Signature] TITLE: Env. Mgr. Columbia CH

DATE ISSUED: 9/4/07 EXPIRATION DATE: 3/4/09

# New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525

This form is completed by the licensed Pest Control Company.

**Public reporting burden** for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.  
Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control Operator and builder, unless stated otherwise.

# 26158

## Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.  
Company Address: 321 N.W. Cole Terrace, Suite 107 City Lake City State FL Zip 32055  
Company Business License No. JB109476 Company Phone No. 386-755-3611 • 352-494-5751  
FHAVA Case No. (if any) \_\_\_\_\_

## Section 2: Builder Information

Company Name: Trout River Const Company Phone No. \_\_\_\_\_

## Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 441 South Ellison Rd

Type of Construction (More than one box may be checked)  Slab  Basement  Crawl  Other \_\_\_\_\_  
Approximate Depth of Footing: Outside \_\_\_\_\_ Inside \_\_\_\_\_ Type of Fill \_\_\_\_\_

## Section 4: Treatment Information

Date(s) of Treatment(s) 9-13-07  
Brand Name of Product(s) Used D.P.  
EPA Registration No. 57843-189  
Approximate Final Mix Solution % .06  
Approximate Size of Treatment Area: Sq. ft. 1778 Linear ft. \_\_\_\_\_ Linear ft. of Masonry Voids \_\_\_\_\_  
Approximate Total Gallons of Solution Applied 172  
Was treatment completed on exterior?  Yes  No  
Service Agreement Available?  Yes  No

Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List) \_\_\_\_\_

Comments Treated Bldg #2

Name of Applicator(s) Steve Brannon Certification No. (if required by State law) \_\_\_\_\_

The applicator has used a product in accordance with the product label and state requirements. All treatment materials and methods used comply with state and federal regulations.

Authorized Signature [Signature] Date 9-13-07

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010, 1012; 31 U.S.C. 3729, 3802)

Form NPCA-99-B may still be used

form HUD-NPCA-99-B (04/2003)

# New Construction Subterranean Termite Soil Treatment Record

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All contracts for services are between the Pest Control Operator and builder, unless stated otherwise.

26210

## Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.  
Company Address: 321 N.W. Cole Terrace, Suite 107 City Lake City State FL Zip 32055  
Company Business License No. J2109478 Company Phone No. 386-786-3671 • 352-494-5751  
FHA/VA Case No. (if any) \_\_\_\_\_

## Section 2: Builder Information

Company Name: Trout River East Company Phone No. \_\_\_\_\_

## Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) Ellaville Miss. Storage  
441 - 175  
Type of Construction (More than one box may be checked)  Slab  Basement  Crawl  Other \_\_\_\_\_  
Approximate Depth of Footing: Outside \_\_\_\_\_ Inside \_\_\_\_\_ Type of Fill \_\_\_\_\_

## Section 4: Treatment Information

Date(s) of Treatment(s) 9-10-07  
Brand Name of Product(s) Used B.fox  
EPA Registration No. 53443-144  
Approximate Final Mix Solution % .06  
Approximate Size of Treatment Area: Sq. ft. 3128 Linear ft. \_\_\_\_\_ Linear ft. of Masonry Voids \_\_\_\_\_  
Approximate Total Gallons of Solution Applied 315  
Was treatment completed on exterior?  Yes  No  
Service Agreement Available?  Yes  No upon completion  
*Note: Some state laws require service agreements to be issued. This form does not preempt state law.*

Attachments (List) \_\_\_\_\_

Comments Treated 24x72 mono + 20x70 mono

Name of Applicator(s) Steve Brennan Certification No. (if required by State law) \_\_\_\_\_

The applicator has used a product in accordance with the product label and state requirements. All treatment materials and methods used comply with state and federal regulations.

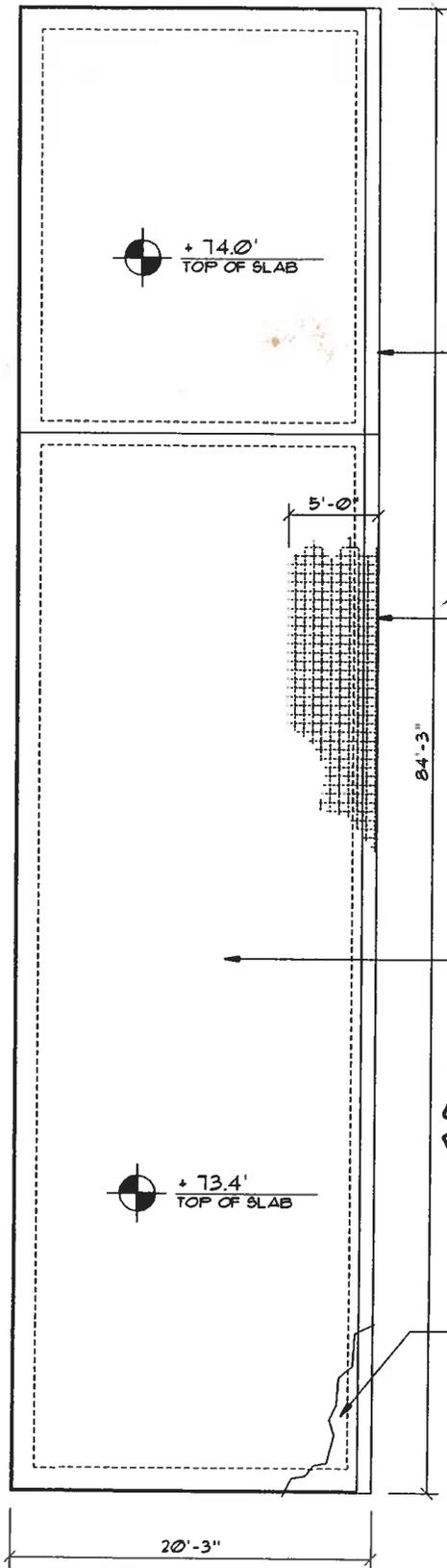
Authorized Signature [Signature] Date 9-10-07

**Warning:** HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010, 1012; 31 U.S.C. 3729, 3802)  
Form NPCA-99-B may still be used form HUD-NPCA-99-B (04/2003)

# ELISVILLE MINI STORAGE

Att'n JOE HALTIWAN@606

~~26210~~



16" X 14" X CONTINUOUS FOOTING, W/  
2 #5 REBAR, BOTTOM, CONT., & WIRE  
CHAIRS @ 48" O.C. TRANSVERSE  
LAP SPLICE ALL REBAR A MINIMUM  
OF 40 BAR DIAMETERS.

PROVIDE 6X6 10/10 W.W.M. SLAB  
REINFORCING AT ALL FOOTINGS,  
EXTENDING 60" +/- INTO SLAB.

NOTE!!! PROVIDE AT 20'-0" INTERVALS,  
1/4" X 1" DEEP SAW CUT CONTROL JOINTS,  
CUT FOLLOWING INITIAL CONC. SET

4" SMOOTH STEELED TROWLED CONC. SLAB, W/  
6X6, 10/10 W.W.M. @ MID-DEPTH OF SLAB, PER PLAN  
W/ FIBERMESH REINFORCING, OVER 6 MIL PLASTIC  
SHEETING, ON CLEAN, WELL COMPACTED SAND FILL  
TERMITE TREATED  
NOTE!  
LAP EDGES OF 6 MIL VAPOR BARRIER MIN. 6" -  
SEAL ALL JOINTS, TEARS AND PIPING PENETRATIONS  
WITH DUCT TAPE

SEE SLAB EDGE RECESS DETAIL  
@ RIGHT AND SLAB EDGE SECTION, THIS SHEET

Revised  
11/20/2007  
T.O.

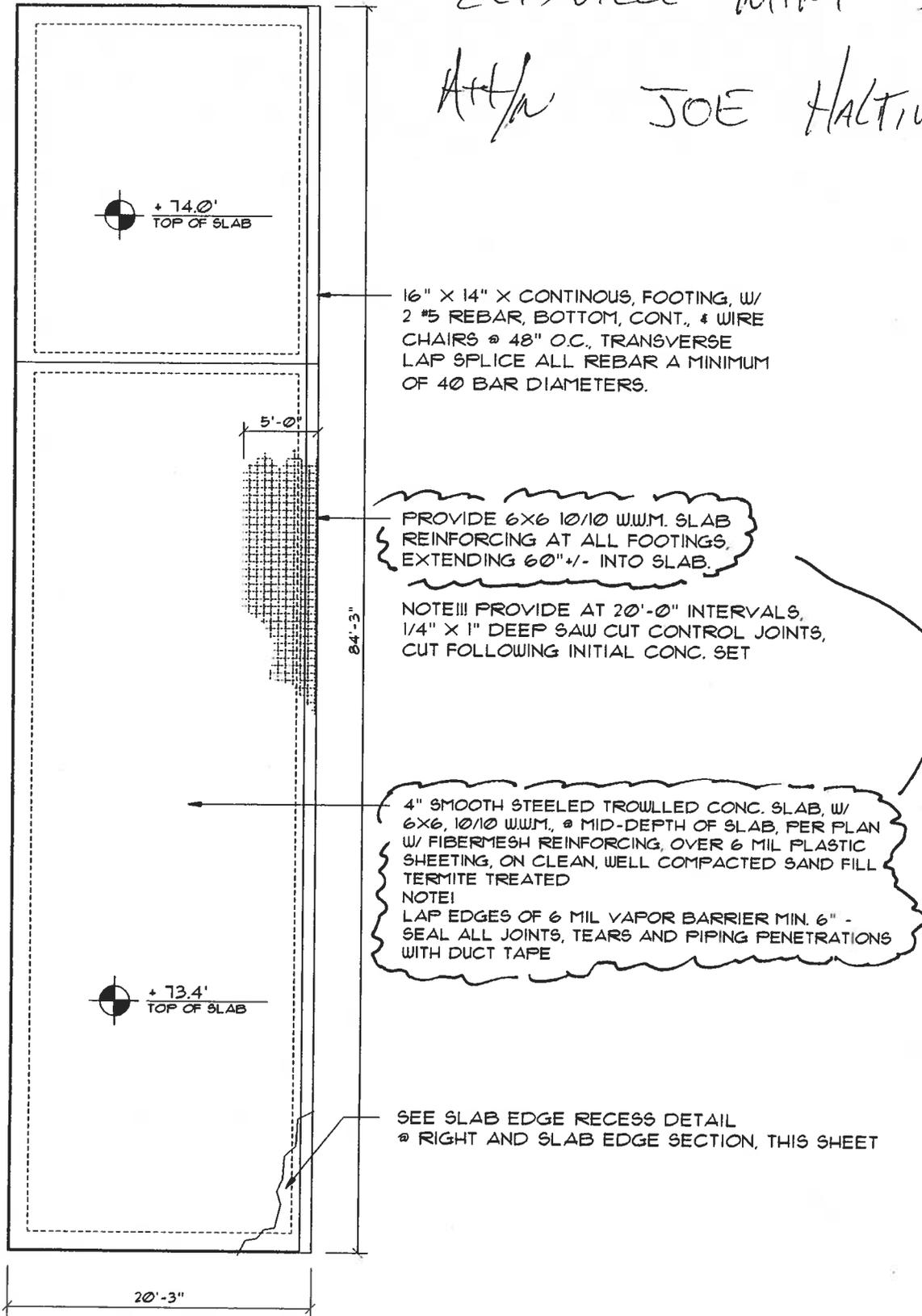
## Foundation PLAN "E"

SCALE: 1/8" = 1'-0"

# ELISVILLE MINI STORAGE

Att'n JOE HALTIWANG

~~26210~~



Revised  
11/20/2017  
TYPICAL T.O.

## Foundation PLAN "E"

SCALE: 1/8" = 1'-0"

# New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525

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This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control Operator and builder, unless stated otherwise.

# 26210

## Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.  
Company Address: 321 N.W. Cole Terrace, Suite 107 City Lake City State FL Zip 32055  
Company Business License No. JB108478 Company Phone No. 386-756-3611 • 382-494-5751  
FHA/VA Case No. (if any) \_\_\_\_\_

## Section 2: Builder Information

Company Name: Troust Bldg. Trust Company Phone No. \_\_\_\_\_

## Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 4441 South Ellisville  
Type of Construction (More than one box may be checked)  Slab  Basement  Crawl  Other \_\_\_\_\_  
Approximate Depth of Footing: Outside \_\_\_\_\_ Inside \_\_\_\_\_ Type of Fill \_\_\_\_\_

## Section 4: Treatment Information

Date(s) of Treatment(s) 9-13-07  
Brand Name of Product(s) Used D.P.  
EPA Registration No. 63443-144  
Approximate Final Mix Solution % .06  
Approximate Size of Treatment Area: Sq. ft. 1728 Linear ft. \_\_\_\_\_ Linear ft. of Masonry Voids \_\_\_\_\_  
Approximate Total Gallons of Solution Applied 172  
Was treatment completed on exterior?  Yes  No  
Service Agreement Available?  Yes  No

Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List) \_\_\_\_\_

Comments Troust Bldg #2 9-17-07 Bldg #2  
9-19-07 Bldg #3  
9-20-07 Bldg #3

Name of Applicator(s) Steve Brennan Certification No. (if required by State law) \_\_\_\_\_

The applicator has used a product in accordance with the product label and state requirements. All treatment materials and methods used comply with state and federal regulations.

Authorized Signature [Signature] Date 9-13-07

**Warning:** HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010, 1012; 31 U.S.C. 3729, 3802)  
Form NPCA-99-B may still be used form HUD-NPCA-99-B (04/2003)

#26210



# CAL-TECH TESTING, INC.

## ENGINEERING & TESTING LABORATORY

P.O. Box 1625 • Lake City, FL 32056-1625  
4784 Rosselle St. • Jacksonville FL 32254  
2230 Greensboro Hwy. • Quincy, FL 32351

Lake City • (386) 755-3633  
Fax • (386) 752-5456  
Jacksonville • (904) 381-8901  
Fax • (904) 381-8902  
Quincy • (850) 442-3495  
Fax • (850) 442-4008

JOB NO.: 07-438  
DATE TESTED:

9/25/07

### REPORT OF IN-PLACE DENSITY TEST

ASTM METHOD:  (D-2922) Nuclear  (D-2937) Drive Cylinder  Sandcone

PROJECT: Ellisville Mimi Storage

CLIENT: Troost Rizzo Builders

GENERAL CONTRACTOR: SAC

EARTHWORK CONTRACTOR: SAC

SOIL USE (SEE NOTE): 1

SPECIFICATION REQUIREMENTS: 98%

TECHNICIAN: C. Day

MODIFIED (ASTM D-1557):  STANDARD (ASTM D-698):

TEST NO.	TEST LOCATION	TEST:		PROCTOR NO.	WET DENS. LBS./CU.FT.	DRY DENS. LBS./CU.FT.	MOIST. PERCENT	% MAX. DENS.
		DEPTH ELEV. LIFT						
Section C Pad 1								
13	N. end Approx. Center 15'S	12"		1	124.8	111.8	11.6	100
14	S. end Approx. Center 15'N.	12"		1	119.3	109.7	9.7	98
Section C Pad 2								
15	N. end Approx. Center 10'S.	12"		1	121.5	110.4	10.1	99
16	S. end Approx. Center 15'N.	12"		1	123.2	110.7	11.3	99
Section D Pad 1								
17	N. end Approx. Center 20'S.	12"		1	122.4	111.6	9.7	100
18	S. end Approx. Center 10'N.	12"		1	120.1	110.3	8.9	98
Section D Pad 2								
19	N. end Approx. Center 10'S.	12"		1	121.9	110.9	9.9	99
20	S. end Approx. Center 10'N.	12"		1	122.1	110.5	10.5	99

REMARKS: \_\_\_\_\_

PROCTOR NO.	SOIL DESCRIPTION	PROCTOR VALUE	OPT. MOIST.
07-328-1		112.0	11.0

NOTE: 1. Building Fill 2. Trench Backfill 3. Base Course 4. Subbase/Stabilized Subgrade 5. Embankment 6. Subgrade/Natural Soil 7. Other

# New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525

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#26210

## Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.  
Company Address: 321 N.W. Cole Terrace, Suite 107 City Lake City State FL Zip 32055  
Company Business License No. JB108476 Company Phone No. 386-765-3611 • 352-494-5751  
FHA/VA Case No. (if any) \_\_\_\_\_

## Section 2: Builder Information

Company Name: Troust River Court Company Phone No. \_\_\_\_\_

## Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) Hwy 441 - I 75  
Ellisville

Type of Construction (More than one box may be checked)  Slab  Basement  Crawl  Other \_\_\_\_\_  
Approximate Depth of Footing: Outside \_\_\_\_\_ Inside \_\_\_\_\_ Type of Fill \_\_\_\_\_

## Section 4: Treatment Information

Date(s) of Treatment(s) 9-26-07  
Brand Name of Product(s) Used B. Pro  
EPA Registration No. 53843-189  
Approximate Final Mix Solution % .04  
Approximate Size of Treatment Area: Sq. ft. 1500 Linear ft. \_\_\_\_\_ Linear ft. of Masonry Voids \_\_\_\_\_  
Approximate Total Gallons of Solution Applied 150  
Was treatment completed on exterior?  Yes  No  
Service Agreement Available?  Yes  No

Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List) \_\_\_\_\_ Bldg C-1 9-26-07

Comments Treated 20x75 mono slab

Name of Applicator(s) Steve Branner Certification No. (if required by State law) \_\_\_\_\_

The applicator has used a product in accordance with the product label and state requirements. All treatment materials and methods used comply with state and federal regulations.

Authorized Signature Steve Branner Date 9-26-07

**Warning:** HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010, 1012; 31 U.S.C. 3729, 3802)  
Form NPCA-99-B may still be used form HUD-NPCA-99-B (04/2003)

# New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525

This form is completed by the licensed Pest Control Company.

**Public reporting burden** for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

# 26210

All contracts for services are between the Pest Control Operator and builder, unless stated otherwise.

## Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.  
Company Address: 321 N.W. Cole Terrace, Suite 107 City Lake City State FL Zip 32055  
Company Business License No. JB103476 Company Phone No. 388-755-3611 • 352-494-6751  
FHA/VA Case No. (if any) \_\_\_\_\_

## Section 2: Builder Information

Company Name: Trout River Const Company Phone No. \_\_\_\_\_

## Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) Hwy 441 - I 75  
Type of Construction (More than one box may be checked)  Slab  Basement  Crawl  Other \_\_\_\_\_  
Approximate Depth of Footing: Outside \_\_\_\_\_ Inside \_\_\_\_\_ Type of Fill \_\_\_\_\_

## Section 4: Treatment Information

Date(s) of Treatment(s) 10-3-07  
Brand Name of Product(s) Used D-Force  
EPA Registration No. 53483-184  
Approximate Final Mix Solution % .04  
Approximate Size of Treatment Area: Sq. ft. 1750 Linear ft. \_\_\_\_\_ Linear ft. of Masonry Voids \_\_\_\_\_  
Approximate Total Gallons of Solution Applied 175  
Was treatment completed on exterior?  Yes  No  
Service Agreement Available?  Yes  No

Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List) \_\_\_\_\_  
Comments Trout River Bldg #1 10-11-07 Bldg E 1  
Bldg D 2 - (10-8-07) 10-15-07 Bldg E 2  
Bldg D 3 - 10-10-07  
Bldg D 4 - 10-10-07

Name of Applicator(s) Steve Bronner Certification No. (if required by State law) \_\_\_\_\_

The applicator has used a product in accordance with the product label and state requirements. All treatment materials and methods used comply with state and federal regulations.

Authorized Signature \_\_\_\_\_

Date 10-7-07

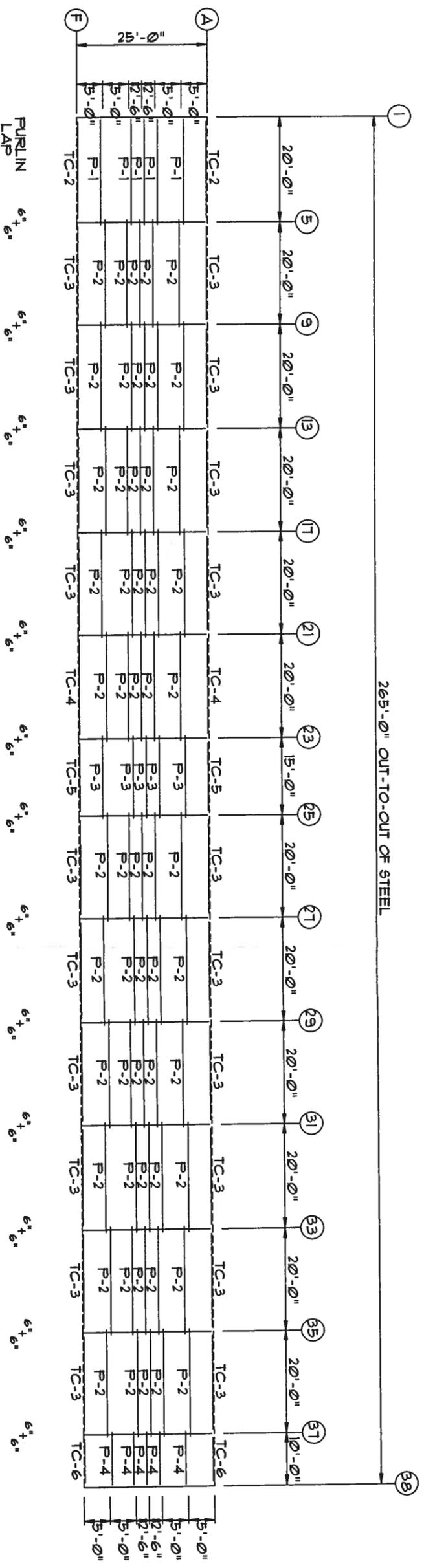
**Warning:** HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010, 1012; 31 U.S.C. 3729, 3802)

Form NPCA-99-B may still be used

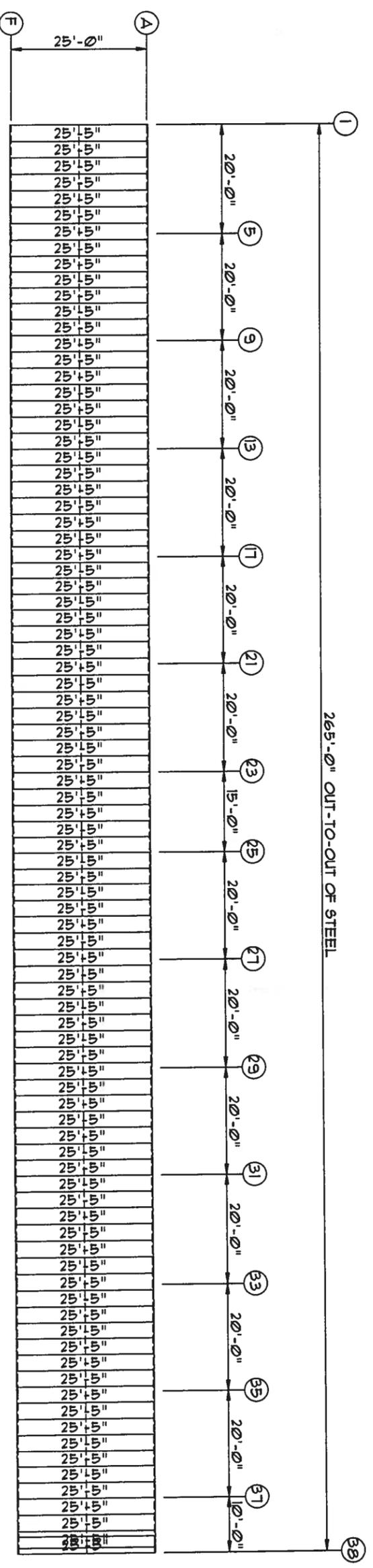
form HUD-NPCA-99-B (04/2003)



MARK	PART	LENGTH
TC-2	4X20016	241.0000
TC-3	4X20016	240.0000
TC-4	4X20016	239.0000
TC-5	4X20016	192.0000
TC-6	4X20016	119.0000
P-1	4X25216	245.1500
P-2	4X25216	252.0000
P-3	4X25216	192.0000
P-4	4X25216	125.1500



ROOF FRAMING



ROOF SHEETING & TRIM  
PANELS: 26 GA. SX - NEED COLOR

*W W*  
AUG 15 2007

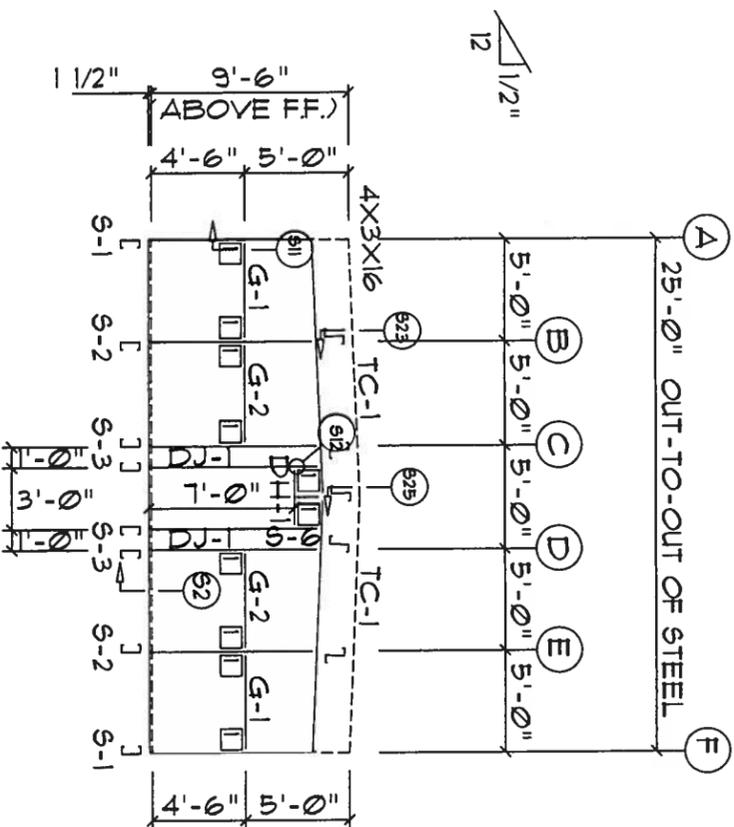
W W. UNITED STEEL BUILDING.COM  
2700 W Cypress Creek Rd.  
Ft. Lauderdale, FL 33309  
Phone: 888-448-6963

DESCRIPTION: ROOF DRAWING	DATE: 8/13/07	REVISION:
BLDG SIZE: 25'-0" x 265'-0" x 9'-6"	JOB NUMBER: 0601472A	
CUSTOMER: North Florida Exteriors	SCALE: N.T.S.	DRAWING NUMBER: E1
LOCATION: Lake City, FL 32025		

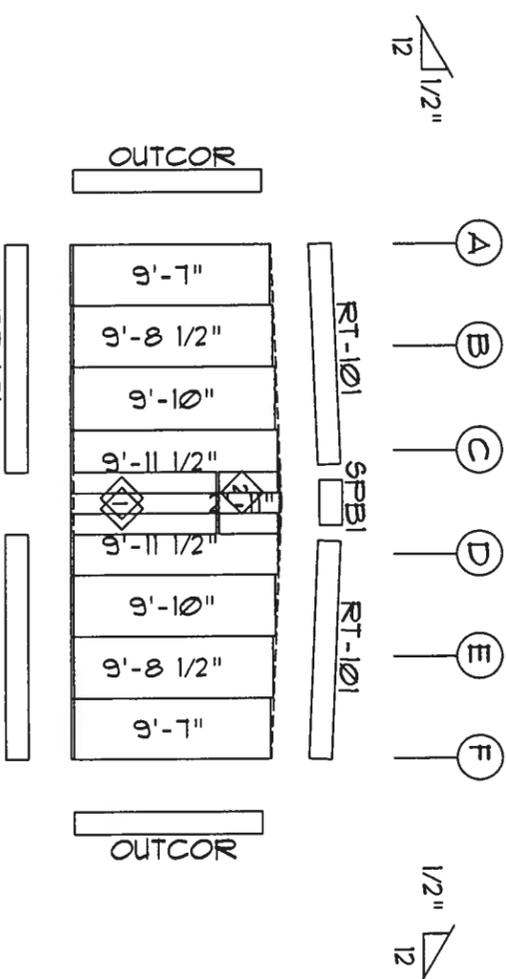
TRIM TABLE		
OID MARK	LENGTH	DETAIL
1	20'-2"	TRIM_1
2	3'-6"	

MEMBER TABLE		
MARK	PART	LENGTH
S-1	4X25C16	9'-7 1/2"
S-2	4X25C16	9'-5 3/4"
S-3	4X25C16	9'-8 1/4"
S-6	4X25C16	2'-11 3/4"
DJ-1	4X25C16	9'-9"
TC-1	4X25C16	12'-6 1/8"
DH-1	4X25C16	3'-0"
G-2	4X25C16	4'-9"
		4'-6 1/2"

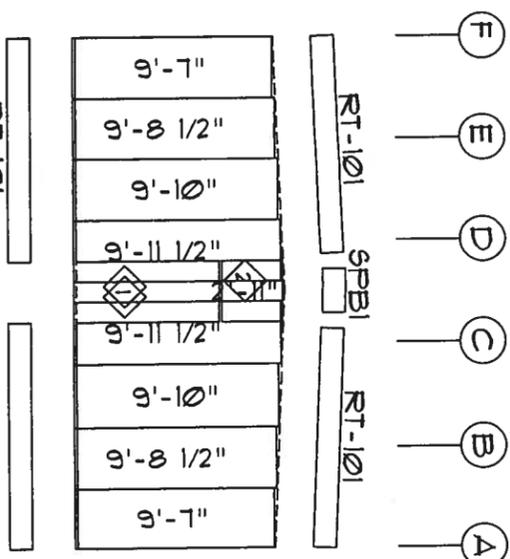
CONNECTION PLATES	
OID MARK/PART	
1	MCI



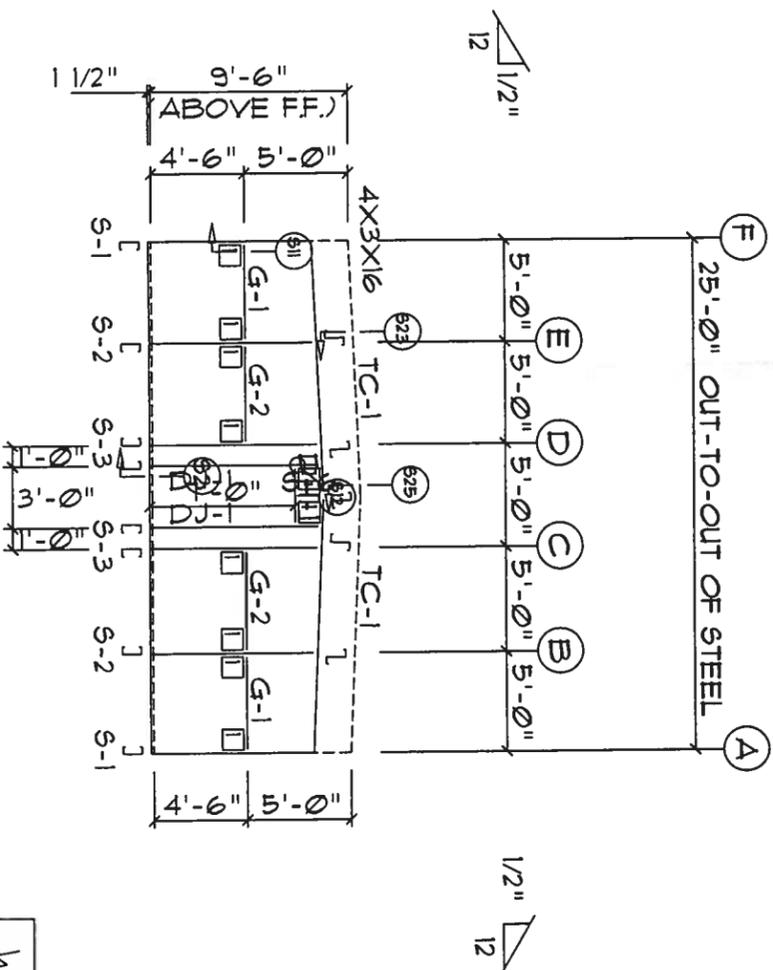
ENDWALL FRAMING  
FRAME LINE: 1



ENDWALL SHEETING & TRIM  
FRAME LINE: 1  
PANELS: 26 Ga. SX - Light Stone



ENDWALL SHEETING & TRIM  
FRAME LINE: 38  
PANELS: 26 Ga. SX - Light Stone



ENDWALL FRAMING  
FRAME LINE: 38

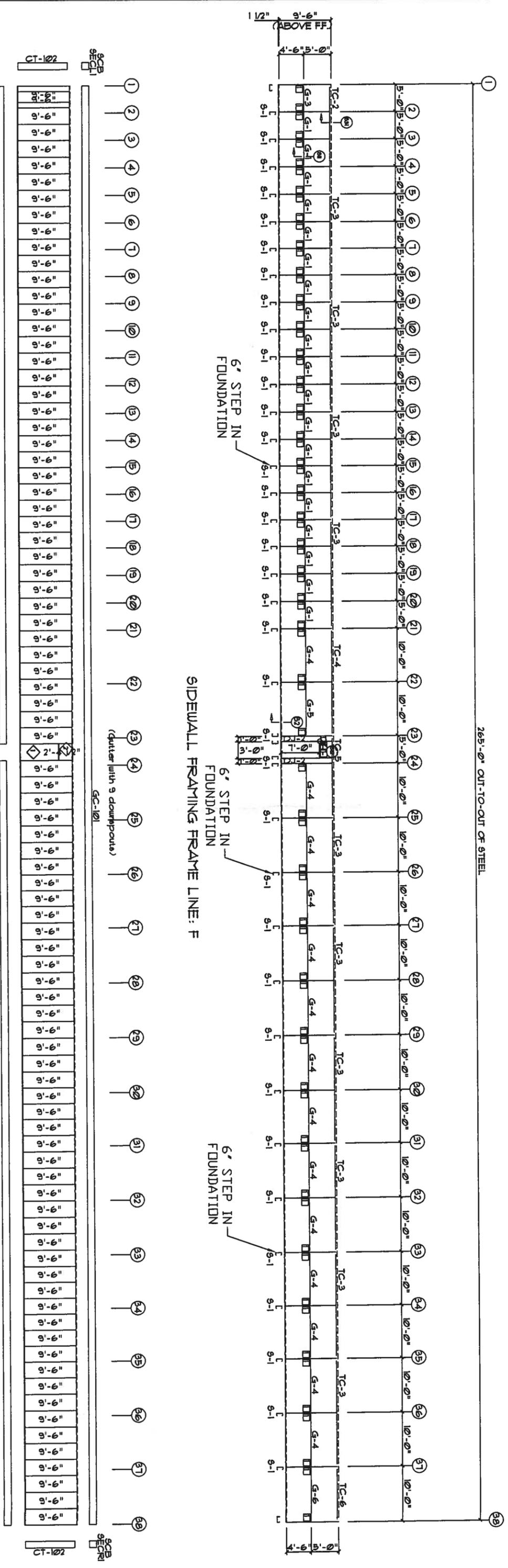
*W. J. ...*  
AUG 15 2006

WWW.UNITEDSTEELBUILDING.COM	
2700 W Cypress Creek Rd.	
Ft. Lauderdale, FL 33309	
Phone: 888-448-6963	
DESCRIPTION: ENDWALL DRAWING	DATE: 8/13/07
BLDG SIZE: 25'-0" x 265'-0" x 9'-6"	JOB NUMBER: 0601472A
CUSTOMER: North Florida Extiors	SCALE: N.T.S.
LOCATION: Lake City, FL 32025	DRAWING NUMBER: E2

CONNECTION PLATES	
QID	MARK/PART
1	MC1

TRIM TABLE		
QID	MARK	LENGTH
1	JT-101	7'-3"
2	HT-101	3'-6"

MEMBER TABLE		
MARK	PART	LENGTH
G-1	4X25C16	9'-7 1/2"
DJ-2	4X25C16	9'-7 1/2"
TC-2	4X20016	20'-1"
TC-3	4X20016	20'-0"
TC-4	4X20016	19'-10"
TC-5	4X20016	15'-2"
TC-6	4X20016	9'-11"
DH-1	4X25C16	3'-0"
G-1	4X25C16	4'-9"
G-3	4X25C16	4'-7 1/2"
G-4	4X25C16	9'-9"
G-5	4X25C16	9'-6 1/2"
G-6	4X25C16	9'-5"



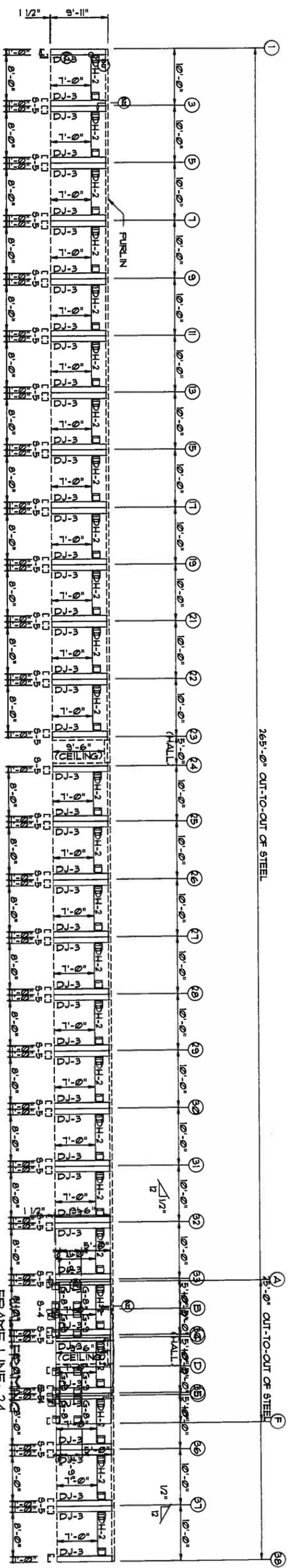
SIDEWALL SHEETING & TRIM FRAME LINE: F  
 PANELS: 26 GA. 9X - Light Stone

*WFA*  
 AUG 15 2007

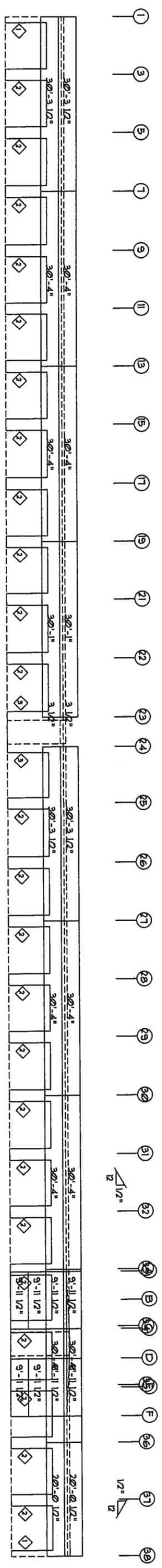
WWW.UNITEDSTEELBUILDING.COM  
 2700 W Cypress Creek Rd.  
 Ft. Lauderdale, FL 33309  
 Phone: 888-448-6963

DESCRIPTION: SIDEWALL DRAWING	DATE: 8/14/07	REVISION:
BLDG SIZE: 25'-0" x 265'-0" x 9'-6"	JOB NUMBER: 0601472A	
CUSTOMER: North Florida Extiors	SCALE: N.T.S.	DRAWING NUMBER: E3
LOCATION: Lake City, FL 32025		

REVISION TABLE	
NO.	DESCRIPTION
1	ISSUED FOR PERMITS
2	REVISED PER COMMENTS
3	REVISED PER COMMENTS
4	REVISED PER COMMENTS
5	REVISED PER COMMENTS
6	REVISED PER COMMENTS
7	REVISED PER COMMENTS
8	REVISED PER COMMENTS
9	REVISED PER COMMENTS
10	REVISED PER COMMENTS



WALL FRAMING FRAME LINE: C



WALL SHEETING & TRIM FRAME LINE: C

PANELS: 29 GA. 9P - NEED COLOR

WALL SHEETING & TRIM  
FRAME LINE: 24

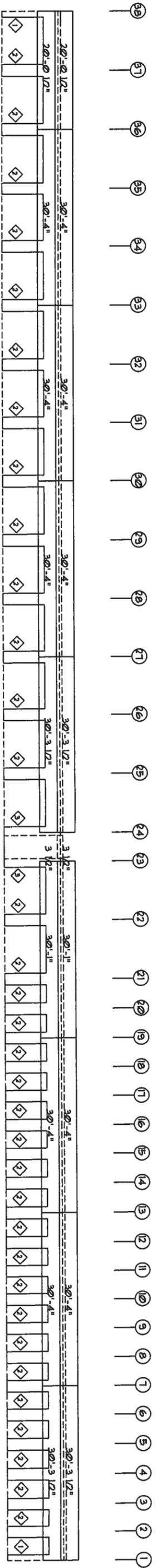
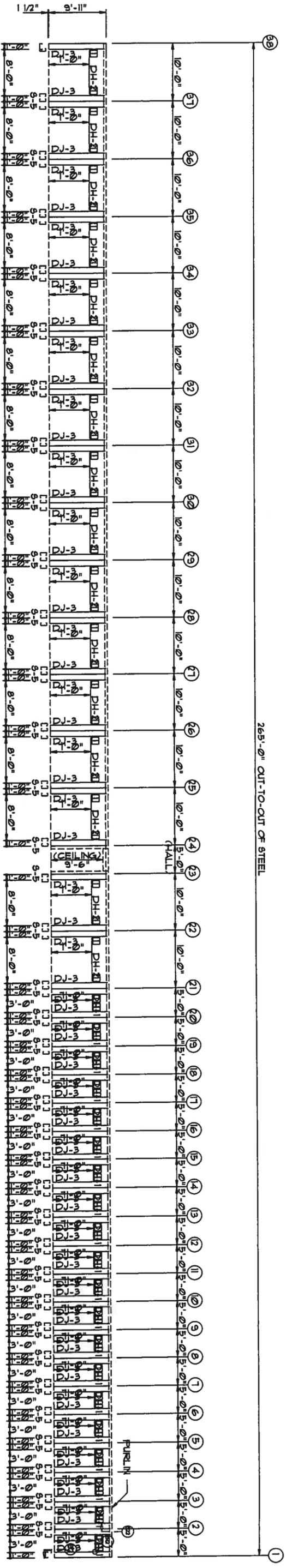
PANELS: 29 GA. 9P - NEED COLOR

**AUG 15 2007**

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 2700 W Cypress Creek Rd.  
 Ft. Lauderdale, FL 33309  
 Phone: 888-448-6963

DESCRIPTION:	PARTITION DRAWING	DRN BR:	REVISION:
BLDG SIZE:	25'-0" x 265'-0" x 9'-6"	DATE:	8/13/07
CUSTOMER:	North Florida Exteriors	JOB NUMBER:	0601472A
LOCATION:	Lake City, FL 32025	SCALE:	N.T.S.
		DRAWING NUMBER:	E4

MEMBER TABLE	
WAL-1	WAL-1
DH-1	DH-1
DH-2	DH-2
DH-3	DH-3
DH-4	DH-4
DH-5	DH-5
DH-6	DH-6
DH-7	DH-7
DH-8	DH-8
DH-9	DH-9
DH-10	DH-10
DH-11	DH-11
DH-12	DH-12
DH-13	DH-13
DH-14	DH-14
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DH-16	DH-16
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DH-20	DH-20
DH-21	DH-21
DH-22	DH-22
DH-23	DH-23
DH-24	DH-24
DH-25	DH-25
DH-26	DH-26
DH-27	DH-27
DH-28	DH-28
DH-29	DH-29
DH-30	DH-30
DH-31	DH-31
DH-32	DH-32
DH-33	DH-33
DH-34	DH-34
DH-35	DH-35
DH-36	DH-36
DH-37	DH-37
DH-38	DH-38
DH-39	DH-39
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DH-94	DH-94
DH-95	DH-95
DH-96	DH-96
DH-97	DH-97
DH-98	DH-98
DH-99	DH-99
DH-100	DH-100



WALL SHEETING & TRIM FRAME LINE: D  
 PANEL 5: 29 GA. 9P - NEED COLOR

WWW.UNITEDSTEELBUILDING.COM  
 2700 W Cypress Creek Rd.  
 Ft. Lauderdale, FL 33309  
 Phone: 888-448-6963

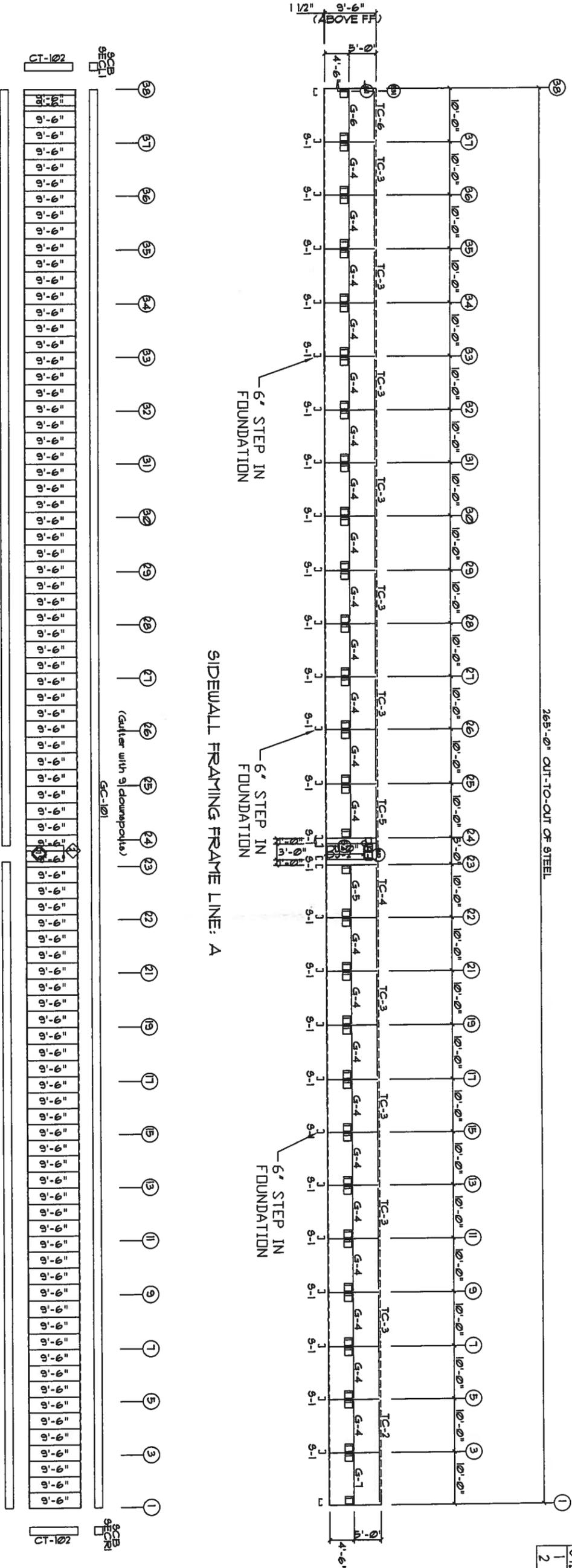
DESCRIPTION	DATE	REVISION
PARTITION DRAWING	8/13/07	
BLDG SIZE: 25'-0" x 265'-0" x 9'-6"		
CUSTOMER: North Florida Extiors	JOB NUMBER: 0601472A	
LOCATION: Lake City, FL 32025	SCALE: N.T.S.	DRAWING NUMBER: E5

DRN BR: 5 2000

MARK	PART	LENGTH
S-1	4X25C16	9'-7 1/2"
DJ-2	4X25C16	9'-7 1/2"
TC-2	4X20016	20'-1"
TC-3	4X20016	20'-0"
TC-4	4X20016	19'-10"
TC-5	4X20016	15'-2"
TC-6	4X20016	9'-11"
DH-1	4X25C16	3'-0"
G-4	4X25C16	9'-9"
G-5	4X25C16	9'-6 1/2"
G-6	4X25C16	9'-5"
G-7	4X25C16	9'-7 1/2"

TRIM TABLE	OID MARK	LENGTH
1	JT-101	7'-3"
2	HT-101	3'-6"

CONNECTION PLATES	OID MARK/PART
1	MCI



SIDEWALL SHEETING & TRIM FRAME LINE: A  
 PANELS: 26 GA. 9X - NEED COLOR

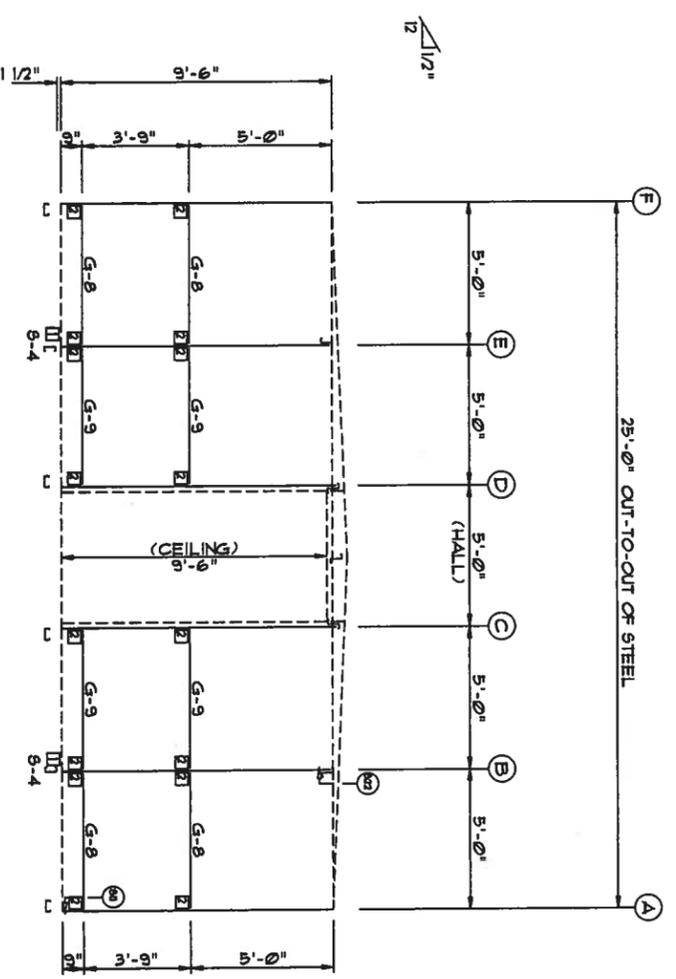
*W. W. United Steel Building*  
 AUG 15 2007

W.W. UNITED STEEL BUILDING.COM  
 2700 W Cypress Creek Rd.  
 Ft. Lauderdale, FL 33309  
 Phone: 888-448-6963

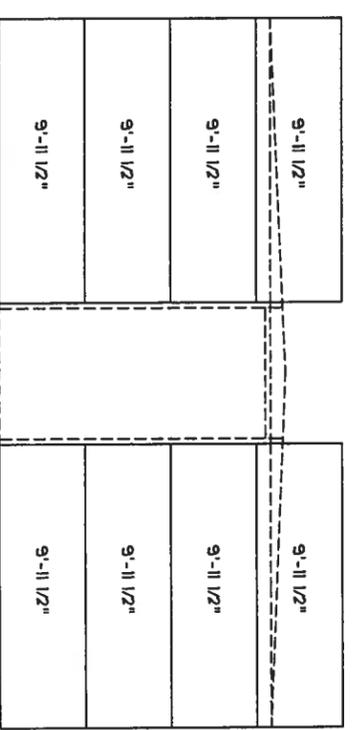
DESCRIPTION: SIDEWALL DRAWING	DRN BR:	REVISION:
BUDG SIZE: 25'-0" x 265'-0" x 9'-6"	DATE: 8/13/07	
CUSTOMER: North Florida Exteriors	JOB NUMBER: 0601472A	
LOCATION: Lake City, FL, 32025	SCALE: N.T.S.	DRAWING NUMBER: E6

NO.	DATE	BY	REASON
1	08/13/07	PC	ISSUED FOR PERMIT

NO.	DATE	BY	REASON
1	08/13/07	PC	ISSUED FOR PERMIT

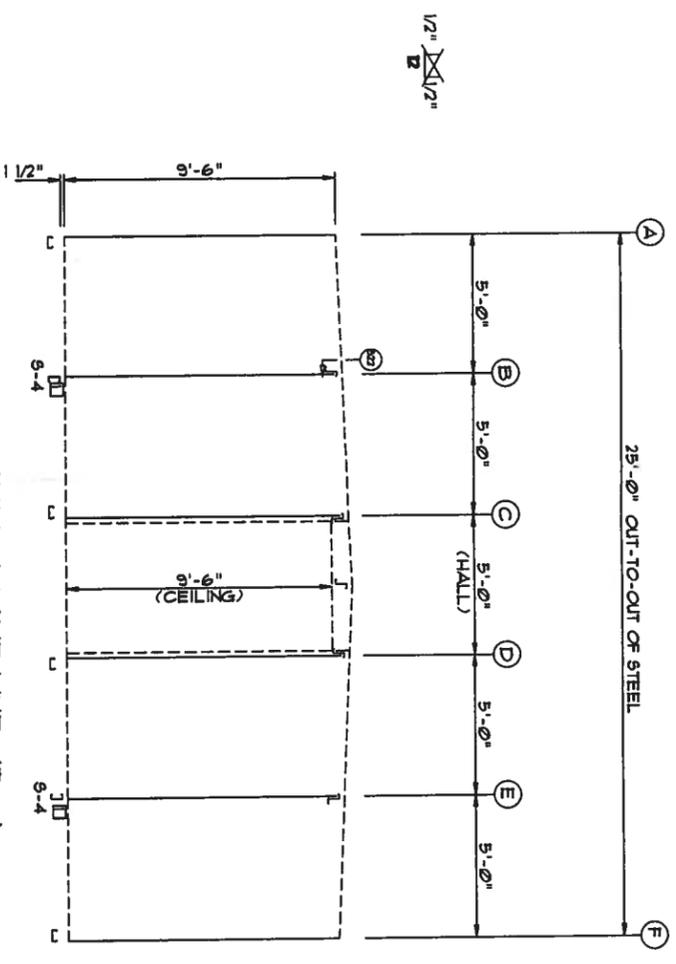


WALL FRAMING FRAME LINE: 23

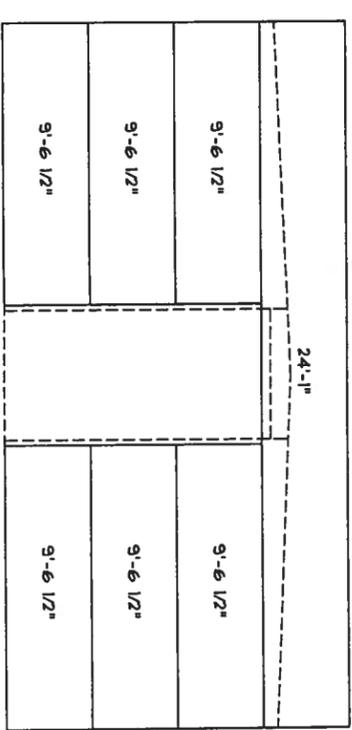


WALL SHEETING & TRIM FRAME LINE: 23

PANEL 5: 29 GA. 9P - NEED COLOR

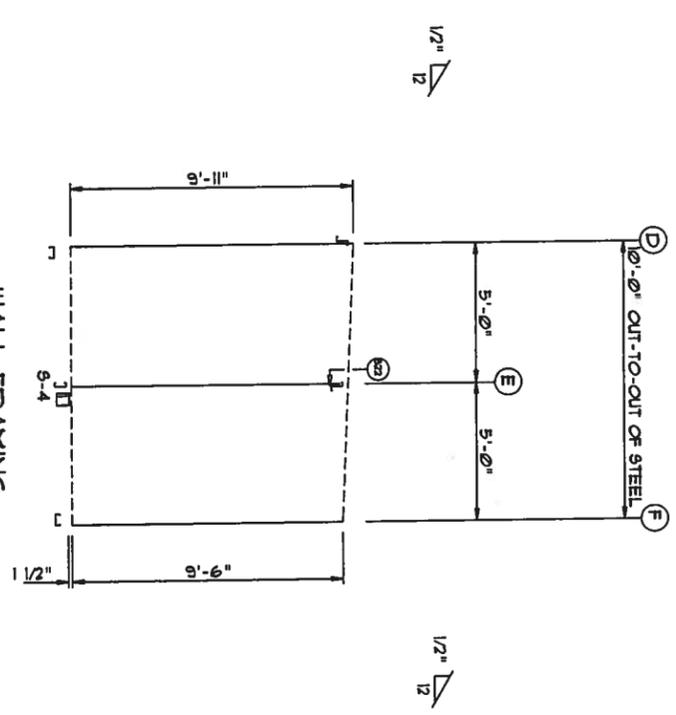


WALL FRAMING FRAME LINE: (typ)

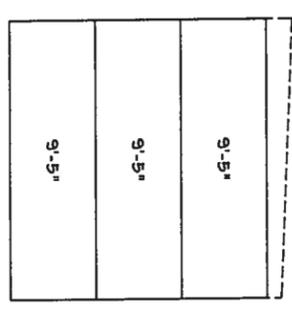


WALL SHEETING & TRIM FRAME LINE: (typ)

PANEL 5: 29 GA. 9P - NEED COLOR



WALL FRAMING  
FRAME LINE: 24 6 8 10  
12 14 16 18  
20



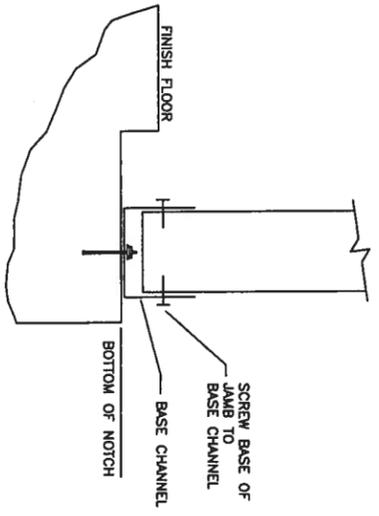
WALL SHEETING & TRIM  
FRAME LINE: 24 6 8 10  
12 14 16 18  
20

PANEL 5: 29 GA. 9P - NEED COLOR

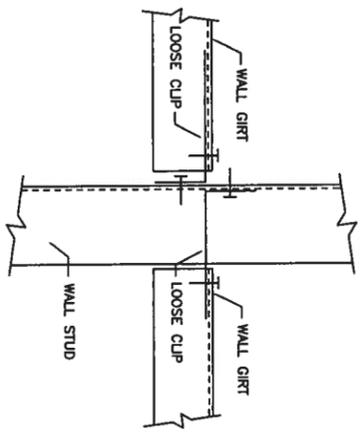
*WJ*  
AUG 15 2007

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 2700 W Cypress Creek Rd.  
 Ft. Lauderdale, FL 33309  
 Phone: 888-448-6963

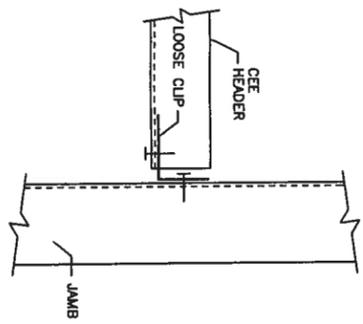
DESCRIPTION: PARTITION DRAWING	DRN BR:	REVISION:
BUS SIZE: 25'-0" x 265'-0" x 9'-6"	DATE: 8/13/07	
CUSTOMER: North Florida Exteriors	JOB NUMBER: 0601472A	
LOCATION: Lake City, FL 32025	SCALE: N.T.S.	DRAWING NUMBER: E7



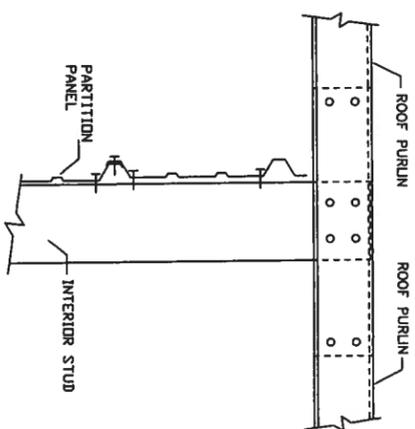
S2 BASE OF SIDEWALL OR ENDWALL WITH CHANNEL



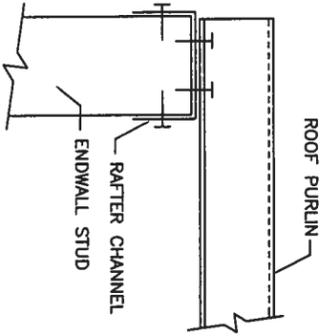
S11 JAMB OR COLUMN TO GIRT



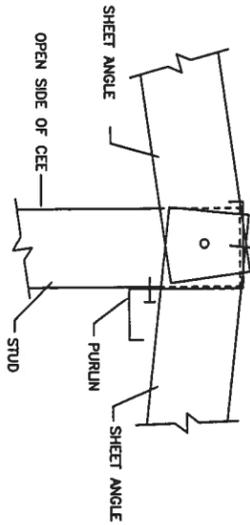
S12 HEADER TO JAMB



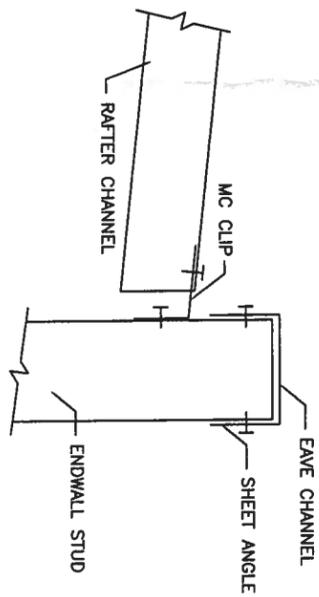
S22 INTERIOR COLUMN TO PURLIN (WITHOUT RAFTER)



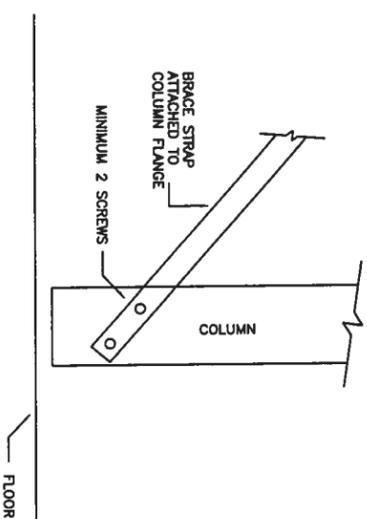
S23 ENDWALL COLUMN/JAMB TO PURLIN WITH RAFTER



S25 PEAK PURLIN CONNECTION AT ENDWALL WITHOUT RAFTER



S31 INTERIOR RAFTER TO SIDEWALL COLUMN WITHOUT EAVE STRUT



S82 BRACE STRAP TO COLUMN BOTTOM

WWW.UNITEDSTEELBUILDING.COM  
 2700 W Cypress Creek Rd.  
 Ft. Lauderdale, FL 33309  
 Phone: 888-448-6963

DESCRIPTION: Detail Page  
 BLUE SIZE: 25-0" x 265-0" x 9'-6"  
 CUSTOMER: North Florida Exteriors  
 LOCATION: Lake City, FL 32025

DWG BR: \_\_\_\_\_ DATE: 8/13/07 REVISION: \_\_\_\_\_  
 JOB NUMBER: 0601472A  
 SCALE: N.T.S. DRAWING NUMBER: D1

*WFB*  
 AUG 15 2007

**BUILDER / CONTRACTOR RESPONSIBILITIES**

IT IS THE RESPONSIBILITY OF THE BUILDER/CONTRACTOR TO INSURE THAT ALL PROJECT PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE REQUIREMENTS OF ANY GOVERNING BUILDING AUTHORITIES. THE SUPPLYING OF SEALED ENGINEERING DATA AND DRAWINGS FOR THE METAL BUILDING SYSTEM DOES NOT IMPLY OR CONSTITUTE AN AGREEMENT THAT THE BUILDING MANUFACTURER OR ITS DESIGN ENGINEER IS ACTING AS THE ENGINEER OF RECORD OR DESIGN PROFESSIONAL FOR A CONSTRUCTION PROJECT.

THE CONTRACTOR MUST SECURE ALL REQUIRED APPROVALS AND PERMITS FROM THE APPROPRIATE AGENCY AS REQUIRED. APPROVAL OF THE MANUFACTURER'S DRAWINGS AND CALCULATIONS INDICATE THAT THE BUILDING MANUFACTURER CORRECTLY INTERPRETED AND APPLIED THE REQUIREMENTS OF THE CONTRACT DRAWINGS AND SPECIFICATIONS. (SECT. 4.2.1 ALSO CODE OF STANDARD PRACTICES, 9TH ED.) WHERE DISCREPANCIES EXIST BETWEEN THE MANUFACTURER'S STRUCTURAL STEEL PLANS AND THE PLANS FOR OTHER TRADES, THE STRUCTURAL STEEL PLANS SHALL GOVERN. (SECT. 3.3 ALSO CODE OF STANDARD PRACTICE 9TH ED.) THE BUILDING MANUFACTURER'S ENGINEERS UNLESS SPECIFICALLY INDICATED. THE CONTRACTOR IS RESPONSIBLE FOR ALL ERECTION OF STEEL AND ASSOCIATED WORK IN COMPLIANCE WITH THE BUILDING MANUFACTURER'S "FOR CONSTRUCTION" DRAWINGS. PRODUCTS SHIPPED TO BUILDER OR HIS CUSTOMER SHALL BE INSPECTED BY BUILDER IMMEDIATELY UPON ARRIVAL. CLAIMS FOR SHORTAGES OR DEFECTIVE MATERIAL IF NOT PACKAGED MUST BE MAILED TO SUCH A NATURE THAT WRITING WITHIN FIVE (5) DAYS AFTER RECEIPT OF THE SHIPMENT. HOWEVER, IF A DEFECT IS OF SUCH A NATURE THAT REASONABLE VISUAL INSPECTION WOULD FAIL TO DISCLOSE IT, THEN THE CLAIM MUST BE MADE WITHIN FIVE (5) DAYS AFTER THE BUILDER LEARNS OF THE DEFECT. THE MANUFACTURER WILL NOT BE LIABLE FOR ANY DEFECT UNLESS CLAIM IS MADE WITHIN ONE (1) YEAR AFTER DATE OF THE ORIGINAL SHIPMENT BY THE MANUFACTURER TO BUILDER OR HIS CUSTOMER. THE MANUFACTURER WILL BE GIVEN A REASONABLE OPPORTUNITY TO INSPECT DEFECTIVE MATERIALS UPON RECEIPT OF CLAIM BY BUILDER.

IF A DEFECT IS OF SUCH NATURE THAT IT CAN BE REMEDIATED BY A FIELD OPERATION AT THE JOB SITE WITHOUT THE NECESSITY OF RETURNING THE MATERIAL TO THE MANUFACTURER, THEN UPON WRITTEN AUTHORIZATION OF THE MANUFACTURER THE BUILDER MAY REPAIR OR CAUSE THE MATERIAL TO BE REPAIRED AND THE MANUFACTURER WILL REIMBURSE THE BUILDER FOR THE COST OF THE REPAIR IN ACCORDANCE WITH THE WRITTEN AUTHORIZATION. ALL REPAIRS AS SHOWN AND PROVIDED BY THE MANUFACTURER FOR THIS BUILDING IS REQUIRED AND SHALL BE INSTALLED BY THE ERECTOR AS A PERMANENT PART OF THE STRUCTURE. TEMPORARY SUPPORTS, SUCH AS TEMPORARY GUYS, BRACES, FALSE WORK, CRIBBING OR OTHER ELEMENTS REQUIRED FOR THE ERECTION OPERATION WILL BE DETERMINED AND INSTALLED BY THE ERECTOR. THESE TEMPORARY SUPPORTS WILL SECURE THE STEEL FRAMING, OR ANY PARTLY ASSEMBLED STEEL FRAMING, AGAINST LOADS COMPARABLE IN INTENSITY TO THOSE FOR WHICH THE STRUCTURE WAS DESIGNED, RESULTING FROM WIND, SEISMIC FORCES AND ERECTION OPERATIONS, BUT NOT THE LOADS RESULTING FROM THE PERFORMANCE OF WORK BY OR THE ACTS OF OTHERS, NOR SUCH UNPREDICTABLE LOADS AS THOSE DUE TO TORNADO, EXPLOSION OR COLLISION. (SECT. 7.9.1 ALSO CODE OF STANDARD PRACTICE, 9TH ED.) DESIGN OF GUTTER AND DOWNSPOUT IS A FUNCTION OF THE RAINFALL INTENSITY AND AREA TO BE DRAINED. DESIGN PARAMETERS UTILIZED ARE IN ACCORDANCE WITH THE 1988 LOW RISE BUILDING SYSTEMS MANUAL AND/OR THE 9TH EDITION OF THE ARCHITECTURAL GRAPHIC STANDARDS, AS APPLICABLE. PROPER OWNER MAINTENANCE DICTATES THAT THE DRAINAGE SYSTEM BE KEPT FREE AND CLEAR OF DEBRIS AND/OR ICE AT ALL TIMES TO ENSURE PROPER FUNCTION OF THE GUTTER AND DOWNSPOUT. IN THOSE CASES WHERE THE OWNER/TENANT OF A PROPERTY IS UNWILLING OR UNABLE TO PROVIDE PROPER MAINTENANCE, ELIMINATION OF GUTTER SHOULD BE CONSIDERED AS AN ALTERNATIVE.

**PRODUCT CERTIFICATIONS**

THE BUILDING MANUFACTURER IS A MEMBER OF THE METAL BUILDING MANUFACTURERS ASSOCIATION. THE BUILDING MANUFACTURER'S FABRICATION AND PRODUCTS ARE COVERED BY ONE OR MORE OF THE FOLLOWING CERTIFICATIONS:

1. APPROVED FABRICATOR OF PREFABRICATED BUILDINGS AND COMPONENTS. REFERENCE IOBQ REPORT NO. FA-332
2. SBOCI COMPLIANCE REPORT NO. 9461A
3. AISC METAL BUILDING CERTIFICATION PROGRAM
4. CITY OF HOUSTON APPROVED FABRICATOR (REGISTRATION NO. 164)
5. WISCONSIN PRODUCT APPROVAL NUMBER 950075-M
6. CLARK COUNTY, NEVADA APPROVED FABRICATOR
7. CITY OF LOS ANGELES, CALIFORNIA APPROVED TYPE 1 FABRICATOR (LA161604)
8. CANADIAN WELDING BUREAU CERTIFICATION TO CSA STANDARD W47.1 IN DIVISION 1 (SYMBOL P722(HOUSTON, TX))
9. TEXAS DEPT. OF INSURANCE PRODUCT EVALUATION RC-34

**APPROVAL NOTES**

THE FOLLOWING CONDITIONS APPLY IN THE EVENT THAT THESE DRAWINGS ARE USED AS APPROVAL DRAWINGS:

- A) IT IS IMPERATIVE THAT ANY CHANGES TO THESE DRAWINGS:
  - 1) BE MADE IN CONTRASTING INK.
  - 2) BE LEGIBLE AND UNAMBIGUOUS.
  - 3) HAVE ALL INSTANCES OF CHANGE CLEARLY INDICATED.
- B) DATED SIGNATURE IS REQUIRED ON ALL PAGES.
- C) MANUFACTURER RESERVES THE RIGHT TO RE-SUBMIT DRAWINGS WITH EXTENSIVE OR COMPLEX CHANGES REQUIRED TO AVOID MISFABRICATION. THIS MAY IMPACT THE DELIVERY SCHEDULE.
- D) APPROVAL OF THESE DRAWINGS INDICATES CONCLUSIVELY THAT THE MANUFACTURER HAS CORRECTLY INTERPRETED THE CONTRACT REQUIREMENTS, AND FURTHER CONSTITUTES AGREEMENT THAT THE BUILDING AS DRAWN, OR AS DRAWN WITH INDICATED CHANGES REPRESENTS THE TOTAL OF THE MATERIALS TO BE SUPPLIED BY MANUFACTURER.
- E) ANY CHANGES NOTED ON THE DRAWINGS NOT IN CONFORMANCE WITH THE TERMS AND REQUIREMENTS OF THE CONTRACT BETWEEN MANUFACTURER AND ITS CUSTOMER ARE NOT BINDING ON MANUFACTURER UNLESS SUBSEQUENTLY SPECIFICALLY ACKNOWLEDGED AND AGREED TO IN WRITING BY CHANGE ORDER OR SEPARATE DOCUMENTATION. MANUFACTURER RECOGNIZES THAT RUBBER STAMPS ARE ROUTINELY USED FOR INDICATING APPROVAL, DISAPPROVAL, REJECTION, OR MERE REVIEW OF THE DRAWINGS SUBMITTED. HOWEVER, MANUFACTURER DOES NOT ACCEPT CHANGES OR ADDITIONS TO CONTRACTUAL TERMS AND CONDITIONS THAT MAY APPEAR WITH USE OF A STAMP OR SIMILAR INDICATION OF APPROVAL, DISAPPROVAL, ETC. SUCH LANGUAGE APPLIED TO MANUFACTURER'S DRAWINGS BY THE CUSTOMER, ARCHITECT, ENGINEER, OR ANY OTHER PARTY WILL BE CONSIDERED AS UNACCEPTABLE ALTERATIONS BETWEEN MANUFACTURER AND ITS CUSTOMER.

**GENERAL NOTES**

THE STRUCTURE UNDER THIS CONTRACT HAS BEEN DESIGNED AND DETAILED FOR THE LOADS AND CONDITIONS STIPULATED IN THE CONTRACT AND SHOWN ON THESE DRAWINGS. ANY ALTERATIONS TO THE STRUCTURAL SYSTEM OR REMOVAL OF ANY COMPONENT PARTS, OR THE ADDITION OF OTHER CONSTRUCTION MATERIALS OR LOADS MUST BE DONE UNDER THE ADVICE AND DIRECTION OF A REGISTERED ARCHITECT, CIVIL OR STRUCTURAL ENGINEER. THE BUILDING MANUFACTURER WILL ASSUME NO RESPONSIBILITY FOR ANY LOADS NOT INDICATED. THIS METAL BUILDING IS DESIGNED WITH THE BUILDING MANUFACTURER'S STANDARD PRACTICES WHICH ARE BASED ON PERTINENT PROCEDURES AND RECOMMENDATIONS OF THE FOLLOWING ORGANIZATIONS AND CODES:

1. AMERICAN INSTITUTE OF STEEL CONSTRUCTION: "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS"
2. AMERICAN IRON AND STEEL INSTITUTE: "SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS"
3. AMERICAN WELDING SOCIETY: "STRUCTURAL WELDING CODE" AWS D1.1.
4. METAL BUILDING MANUFACTURER'S ASSOCIATION: "LOW RISE BUILDING SYSTEMS MANUAL"
5. INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS: "UNIFORM BUILDING CODE"
6. SOUTHERN BUILDING CODE CONGRESS INTERNATIONAL: "STANDARD BUILDING CODE"
7. BUILDING OFFICIAL AND CODE ADMINISTRATORS INTERNATIONAL: "BOCA NATIONAL BUILDING CODE"
8. NATIONAL BUILDING CODE OF CANADA.

MATERIAL PROPERTIES OF STEEL PLATE USED IN THE FABRICATION OF PRIMARY RIGID FRAMES, AND OTHER PRIMARY STRUCTURAL EXCLUSIVE OF COLD-FORMED SECTIONS, CONFORM TO ASTM-A529 OR A-572. FLANGES WITH THICKNESS OF ONE INCH OR LESS AND WIDTH OF 12" OR LESS CONFORM TO A-529 WITH A MINIMUM YIELD POINT OF 50,000 PSI. FLANGES GREATER THAN 1" IN THICKNESS OR 12" IN WIDTH CONFORM TO A-572 WITH A MINIMUM YIELD POINT OF 50,000 PSI. WEB MATERIAL CONFORMS TO ASTM-A36 MODIFIED WITH A MINIMUM YIELD POINT OF 48,000 PSI. MATERIAL PROPERTIES OF PIPE SECTIONS CONFORM TO ASTM-A53 TYPE E, GRADE B WITH A MINIMUM YIELD POINT OF 35,000 PSI.

MATERIAL PROPERTIES OF HOT ROLLED STEEL MEMBERS CONFORM TO THE REQUIREMENTS OF ASTM-A36 OR A572 WITH A MINIMUM YIELD POINT OF 50,000 PSI. MATERIAL PROPERTIES OF COLD FORMED LIGHT GAGE STEEL MEMBERS CONFORM TO ASTM-A792 GRADES D OR E WITH GRADE 55 MODIFIED WITH A MINIMUM YIELD POINT OF 57,000 PSI. MATERIAL PROPERTIES OF ROOF/WALL SHEETING, BASE METAL CONFORM TO ASTM-A792 GRADES D OR E WITH MINIMUM YIELD POINTS OF 50,000 PSI AND 80,000 PSI RESPECTIVELY AS REQUIRED BY DESIGN. COATING OF BASE MATERIAL IS 55% ALUMINUM-ZINC ALLOY IN ACCORDANCE WITH A455 SPECIFICATIONS. CABLE UTILIZED FOR BRACING CONFORMS TO ASTM A473. CABLE BRACING IS TO BE INSTALLED TO A TAUT CONDITION WITH ALL SLACK REMOVED. ROD AND ANGLE UTILIZED FOR BRACING MEMBERS CONFORM TO ASTM A36. STRUCTURAL JOINTS WITH A.S.T.M. A-325 HIGH STRENGTH BOLTS, WHERE INDICATED ON THE DRAWINGS, SHALL BE ASSEMBLED AND THE FASTENERS TIGHTENED IN ACCORDANCE WITH "TURN-OF-NUT" METHOD AS DESCRIBED IN THE SPECIFICATION FOR STRUCTURAL JOINTS USING A.S.T.M. A-325 OR A-490 BOLTS (11-13-85), UNLESS OTHERWISE NOTED. ALL JOINTS WILL BE ASSEMBLED WITHOUT WASHERS UNLESS OTHERWISE NOTED. ALL STEEL MEMBERS EXCEPT BOLTS, FASTENERS AND CABLE SHALL RECEIVE ONE SHOP COAT OF IRON OXIDE CORROSION INHIBITIVE PRIMER, MEETING THE PERFORMANCE REQUIREMENTS OF TTP-636. SHOP AND FIELD INSPECTIONS AND ASSOCIATED FEES ARE THE RESPONSIBILITY OF THE CONTRACTOR, UNLESS STIPULATED OTHERWISE IN THE CONTRACT. THE METAL BUILDING MANUFACTURER WILL IDENTIFY PRIMARY STRUCTURAL STEEL WITH A MINIMUM YIELD POINT GREATER THAN 36,000 PSI BY MEANS OF A STICKER NEAR THE ERECTION MARK ON EACH SHIPPED PIECE. SECONDARY MEMBERS WITH A YIELD POINT EQUAL TO OR GREATER THAN 33,000 PSI SHALL BE IDENTIFIED BY MEANS OF A STICKER NEAR THE ERECTION MARK ON EACH SHIPPED PIECE. (THIS IS IN ACCORDANCE TO THE 1997 UBC SECTION 2203, SUB-SECTION 2203.2 AND 2203.3.)

**SAFETY COMMITMENT**

THE BUILDING MANUFACTURER HAS A COMMITMENT TO MANUFACTURE QUALITY BUILDING COMPONENTS THAT CAN BE SAFELY ERECTED. HOWEVER, THE SAFETY COMMITMENT AND JOB SITE PRACTICES OF THE ERECTOR ARE BEYOND THE CONTROL OF THE BUILDING MANUFACTURER. IT IS STRONGLY RECOMMENDED THAT SAFE WORKING CONDITIONS AND ACCIDENT PREVENTION PRACTICES BE THE TOP PRIORITY OF ANY JOB SITE. LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS SHOULD ALWAYS BE FOLLOWED TO HELP INSURE WORKER SAFETY.

MAKE CERTAIN ALL EMPLOYEES KNOW THE SAFEST AND MOST PRODUCTIVE WAY OF ERECTING A BUILDING. EMERGENCY PROCEDURES SHOULD BE KNOWN TO ALL EMPLOYEES. DAILY MEETINGS HIGHLIGHTING SAFETY PROCEDURES ARE ALSO RECOMMENDED. THE USE OF HARD HATS, RUBBER SOLE SHOES FOR ROOF WORK, PROPER EQUIPMENT FOR HANDLING MATERIAL, AND SAFETY NETS WHERE APPLICABLE, ARE RECOMMENDED.

**BUILDING DESCRIPTION:**

BASIC SIZE	WIDTH	LENGTH	HEIGHT	ROOF PITCH	ENDWALL FRAME TYPE
MAIN BLDG	20	220	9.5	0.5:12	Beading

BLANKET TYPE	INSULATION	WALL TYPE	TRUCK
NEED COLOR	NEED COLOR	NEED COLOR	NEED COLOR

TYPE SCALE	THICK (1/8" FOR ROOF AT STUDS)	ROOF TYPE	TRUCK	TRUCK	WALL TYPE	TRUCK
3/8" X 1/2"	20 ga	RAVE	NEED COLOR	NEED COLOR	STITCH ROOF #14 X 7/8	ANCHOR BOLTS
1"	20 ga	RAVE	NEED COLOR	NEED COLOR	STITCH WALL #14 X 7/8	BY OTHERS
WARRANTIES	20 ga	NEED COLOR	NEED COLOR	NEED COLOR	STITCH	BY OTHERS
UL 90	20 ga	NEED COLOR	NEED COLOR	NEED COLOR	STITCH	BY OTHERS
30 YR ROOF	YES NO	20 ga	NEED COLOR	NEED COLOR	STITCH	BY OTHERS
30 YR WALL	YES NO	20 ga	NEED COLOR	NEED COLOR	STITCH	BY OTHERS

**BUILDING LOADS**

THIS IS TO CERTIFY THAT THIS STRUCTURE IS DESIGNED UTILIZING THE LOADS INDICATED AND APPLIED AS REQUIRED BY THE STRUCTURAL DESIGN OF THE FRAMING AND COVERING PARTS. THIS CERTIFICATION IS LIMITED TO THE STRUCTURAL DESIGN OF THE FRAMING AND COVERING PARTS MANUFACTURED BY THE BUILDING MANUFACTURER AND AS SPECIFIED IN THE CONTRACT. ACCESSORY ITEMS SUCH AS DOORS, WINDOWS, LOUVERS, TRANSLUCENT PANELS, VENTILATORS ARE NOT INCLUDED. ALSO EXCLUDED ARE OTHER PARTS OF THE PROJECT NOT PROVIDED BY THE BUILDING MANUFACTURER SUCH AS FOUNDATIONS, MASONRY WALLS, MECHANICAL EQUIPMENT AND THE ERECTION AND INSPECTION OF THE BUILDING. THE BUILDING SHOULD BE ERECTED ON A PROPERLY DESIGNED FOUNDATION IN ACCORDANCE WITH THE BUILDING MANUFACTURER'S DESIGN MANUAL, THE ATTACHED DRAWINGS, AND GOOD ERECTION PRACTICES. THE CONTRACTOR AND/OR ENGINEER OF RECORD IS TO CONFIRM THAT THESE LOADS COMPLY WITH REQUIREMENTS OF THE LOCAL BUILDING DEPT. (FOR ROOF PANELS AND PURLINS.)

COLLATERAL DEAD LOAD	PSF
2	PSF (FOR ROOF PANELS AND PURLINS)

ROOF LIVE LOAD	PSF
0	PSF

SECONDARY FRAMING	PSF
20	PSF

AUXILIARY LIVE LOAD	PSF
0	PSF

GROUND SNOW LOAD	PSF
0	PSF

ROOF SNOW LOAD	PSF
0	PSF

WIND LOAD	MPH, EXPOSURE
110	B

SEISMIC:	SEISMIC HAZARD EXPOSURE GROUP
A <sub>0</sub> =	.4, A <sub>v</sub> =
SEISMIC PERFORMANCE CATEGORY	
Site Coefficient	
S <sub>1</sub> =	
S <sub>2</sub> =	
Site Class	D
Design Category	Seismic Zone
C <sub>0</sub> =	

IMPORTANCE FACTORS	Basic Structural System - Dual system with ordinary moment-resisting frames & concentrically braced frames
WIND LOAD	0.87
SNOW LOAD	
SEISMIC LOAD	1.00

MEZZANINE LOADS	DEAD LOAD	PSF
LIVE LOAD	N/A	PSF

CRANE INFORMATION	N/A
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RESPONSE MODIFICATION FACTOR (R)	ANALYSIS PROCEDURE
	Equivalent Lateral Force

DEFLECTION AMPLIFICATION FACTOR (D <sub>0</sub> )

ANALYSIS PROCEDURE
Equivalent Lateral Force

RESPONSE MODIFICATION FACTOR (R)

DEFLECTION AMPLIFICATION FACTOR (D <sub>0</sub> )

ANALYSIS PROCEDURE
Equivalent Lateral Force

RESPONSE MODIFICATION FACTOR (R)

DEFLECTION AMPLIFICATION FACTOR (D <sub>0</sub> )

ANALYSIS PROCEDURE
Equivalent Lateral Force

RESPONSE MODIFICATION FACTOR (R)

DEFLECTION AMPLIFICATION FACTOR (D <sub>0</sub> )

ANALYSIS PROCEDURE
Equivalent Lateral Force

RESPONSE MODIFICATION FACTOR (R)

DEFLECTION AMPLIFICATION FACTOR (D <sub>0</sub> )

ANALYSIS PROCEDURE
Equivalent Lateral Force

RESPONSE MODIFICATION FACTOR (R)

CHANDER P NANGIA PE  
7423 HOLLOW RIDGE DR.  
HOUSTON, TX 77095  
FLORIDA PE # 21938

**DRAWING STATUS**

NO.	DATE	FOR PERMIT	BY	CRD
A	8/13/07			

**DRAWING STATUS/REVISIONS**

DESCRIPTION	DATE	BY	CRD
FOR APPROVAL. THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO OBTAIN PERMIT INTERPRETATION OF THE PROJECT CONDITIONS. ANY CHANGES TO BE MADE TO THESE DRAWINGS MUST BE MADE BY THE CONTRACTOR AS COMPLETE. THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL. IN THAT, ANY CHANGES TO THESE DRAWINGS MUST BE MADE BY THE CONTRACTOR AS COMPLETE. FOR CONSTRUCTION.			

**WWW.UNITEDSTEELBUILDING.COM**

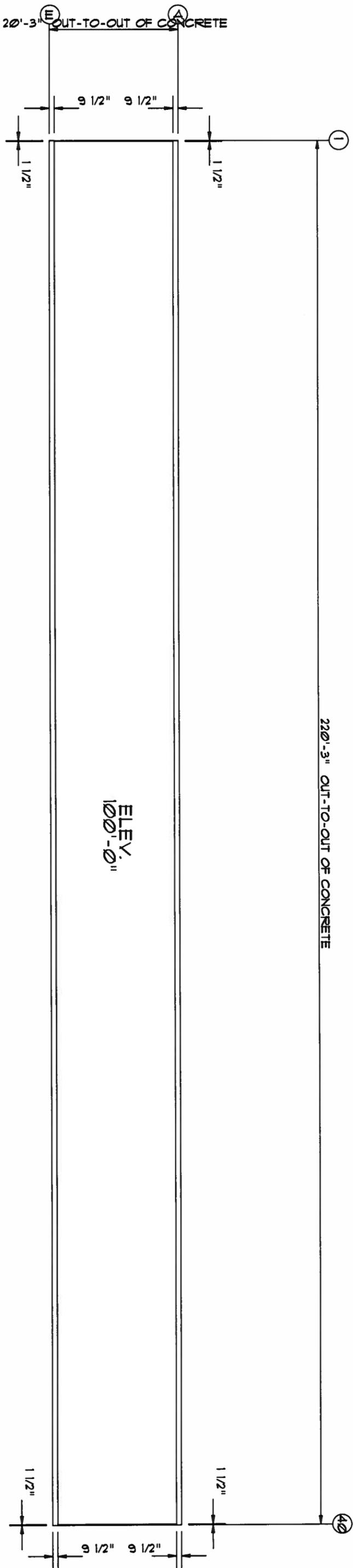
2700 West Cypress Creeds Blvd  
Ft. Lauderdale, FL 33309  
Office: 1-888-448-0968  
Chander P. Nangia, P.E.

QTY.	DESCRIPTION	DATE	BY	CRD

DATE	BY	CRD
8/14/07		

SCALE	N.T.S.

DRAWING NUMBER	C1
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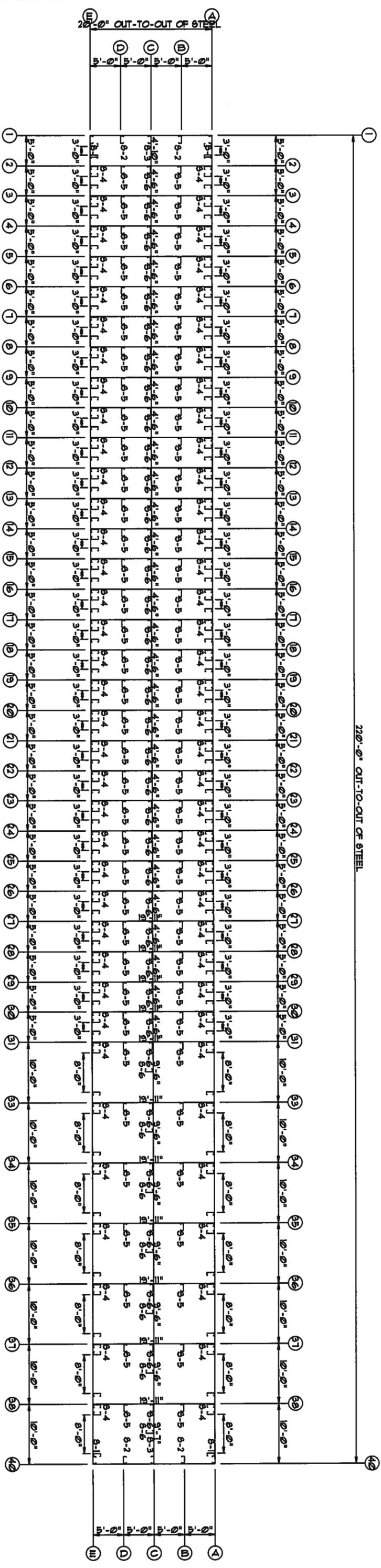
ANCHOR PLAN

**AUG 13 2007**

WWW.UNITEDSTEELBUILDING.COM  
 2700 W Cypress Creek Rd.  
 Ft. Lauderdale, FL 33309  
 Phone: 888-448-6963

DESCRIPTION:	BLDG SIZE: 20'-0" x 220'-0" x 9'-6"	DATE:	8/14/07	REVISION:
CUSTOMER:	North Florida Exteriors	JOB NUMBER:	0601472B	
LOCATION:	Lake City, FL 32025	SCALE:	N.T.S.	DRAWING NUMBER:

MEMBER TABLE		
MARK	PART	LENGTH
5-1	4X25C16	114.0000
5-2	4X25C16	112.241
5-3	4X25C16	114.141
5-4	4X25C16	115.500
5-5	4X25C16	116.500
5-6	4X25C16	119.000



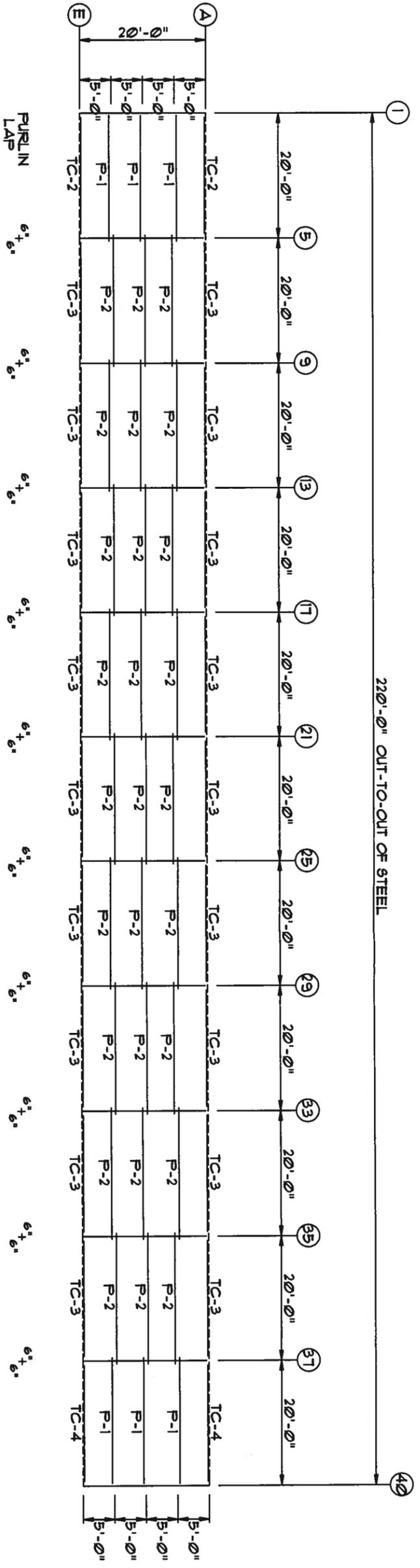
FLOOR PLAN

WWW.UNITEDSTEELBUILDING.COM  
 2700 W Cypress Creek Rd.  
 Ft. Lauderdale, FL 33309  
 Phone: 888-448-6963

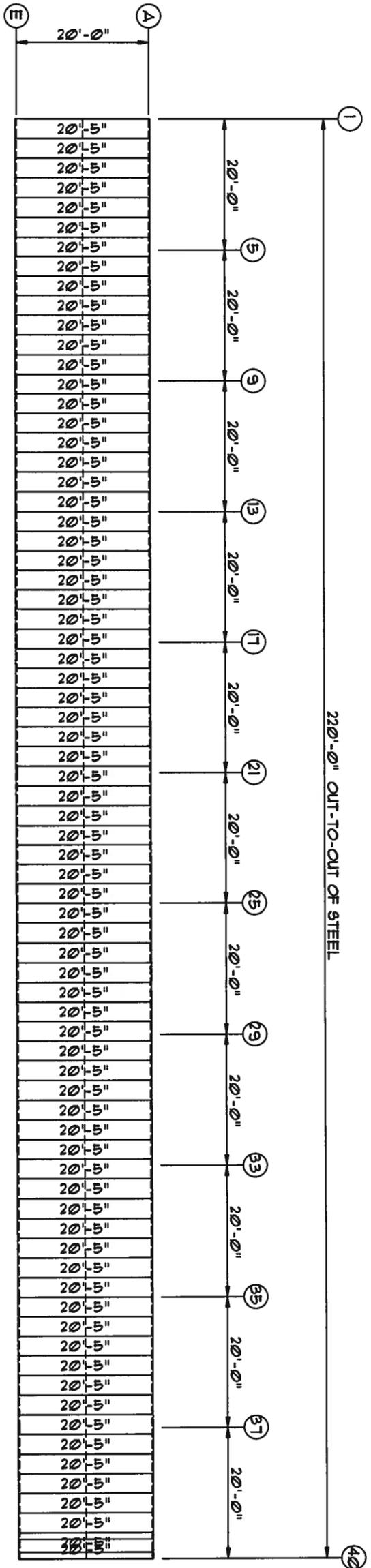
DATE: 8/14/07  
 JOB NUMBER: 0601472B  
 DRAWING NUMBER: F2

*WJ*  
 AUG 15 2007

MEMBER TABLE		
MARK	PART	LENGTH
TC-2	4X20016	241.0000
TC-3	4X20016	240.0000
TC-4	4X20016	239.0000
P-1	4X25Z16	245.1500
P-2	4X25Z16	252.0000



ROOF FRAMING



ROOF SHEETING & TRIM  
 PANELS: 26 GA. 9X - NEED COLOR

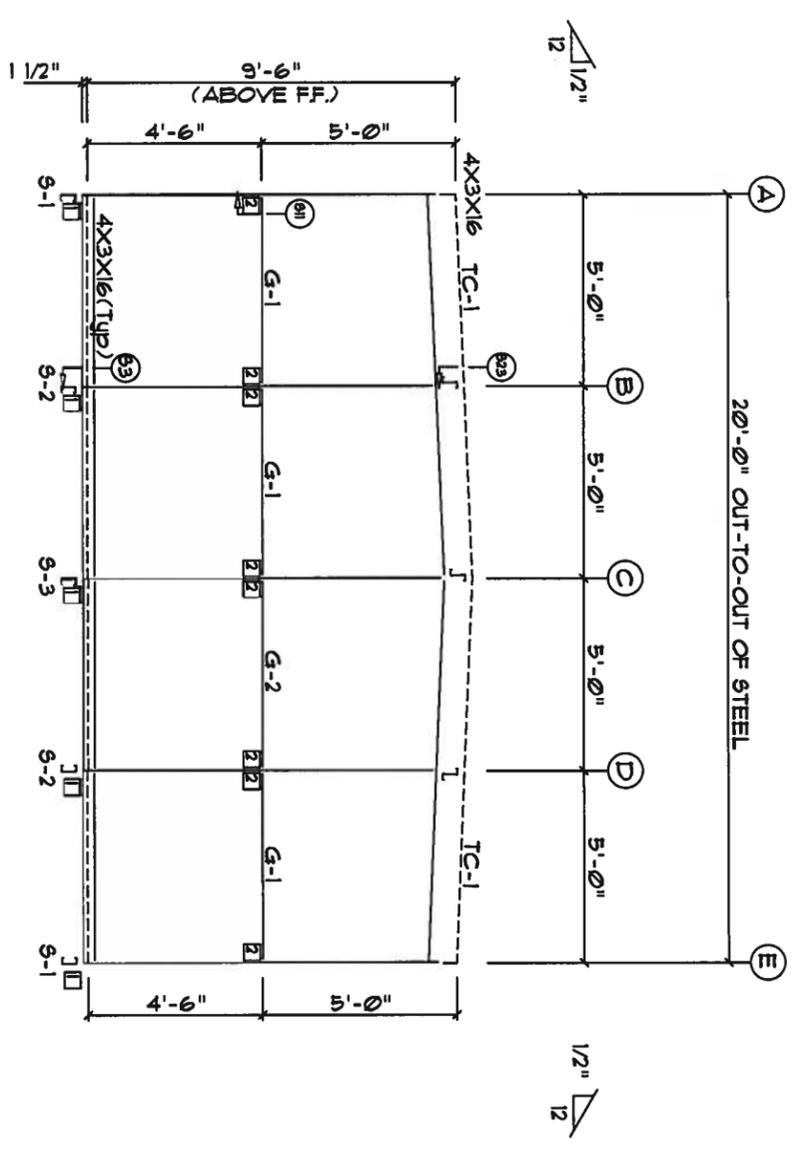
*WFL*  
 AUG 15 2007

WWW.UNITEDSTEELBUILDING.COM  
 2700 W Cypress Creek Rd.  
 Ft. Lauderdale, FL 33309  
 Phone: 888-448-6963

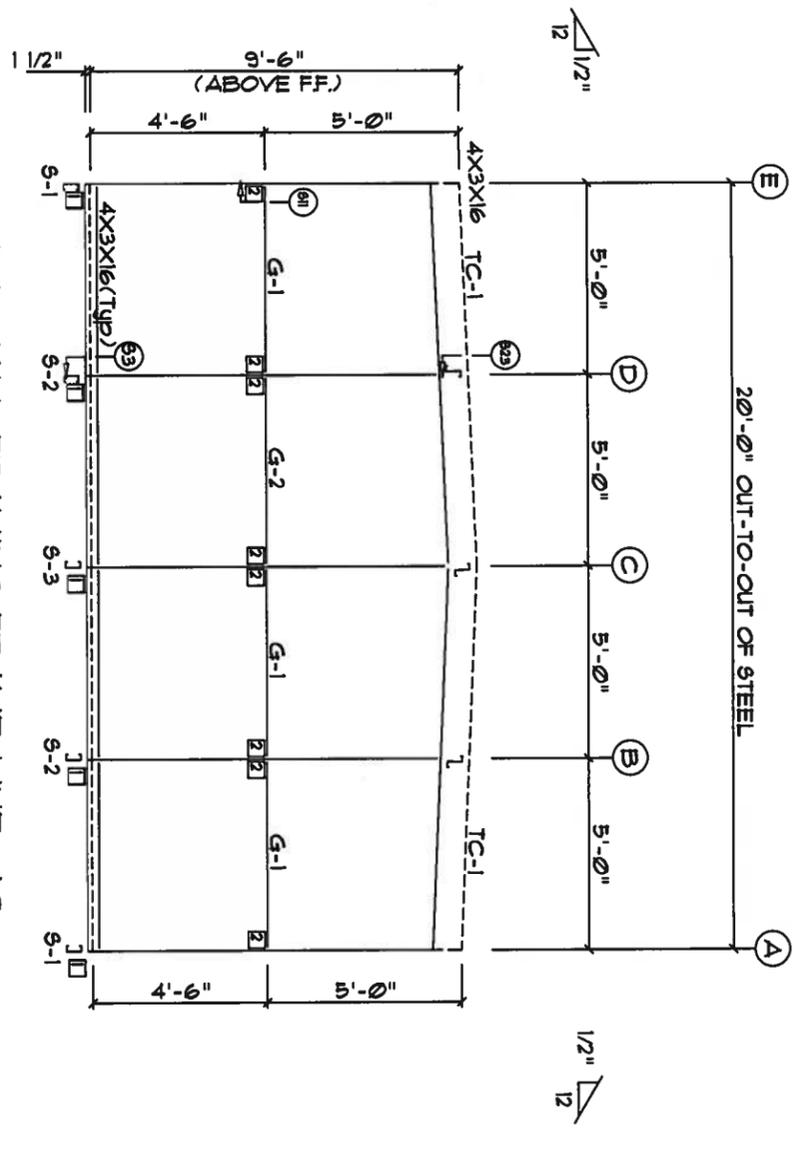
DESCRIPTION: ROOF DRAWING	DRAWN BY:	REVISION:
BLDG SIZE: 20'-0" x 220'-0" x 9'-6"	DATE: 8/14/07	JOB NUMBER: Sherrouse-C
CUSTOMER: North Florida Exteriors	LOCATION: Lake City, FL, 32025	SCALE: N.T.S.
		DRAWING NUMBER: E1

MEMBER TABLE			
MARK	PART	LENGTH	
S-1	4X25C16	9'-6"	
S-2	4X25C16	9'-4 1/4"	
S-3	4X25C16	9'-6 3/4"	
TC-1	4X25C16	10'-0 1/8"	
G-1	4X25C16	4'-9"	
G-2	4X25C16	4'-6 1/2"	

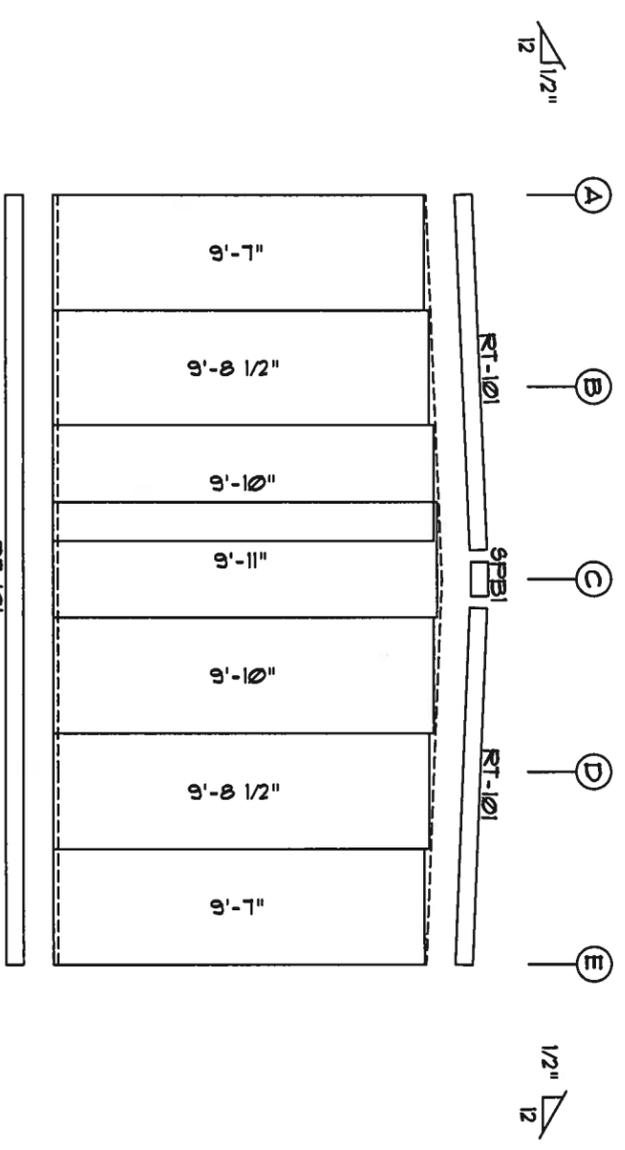
CONNECTION PLATES		
DIP	MARK	PART
1	BC1	
2	MC1	



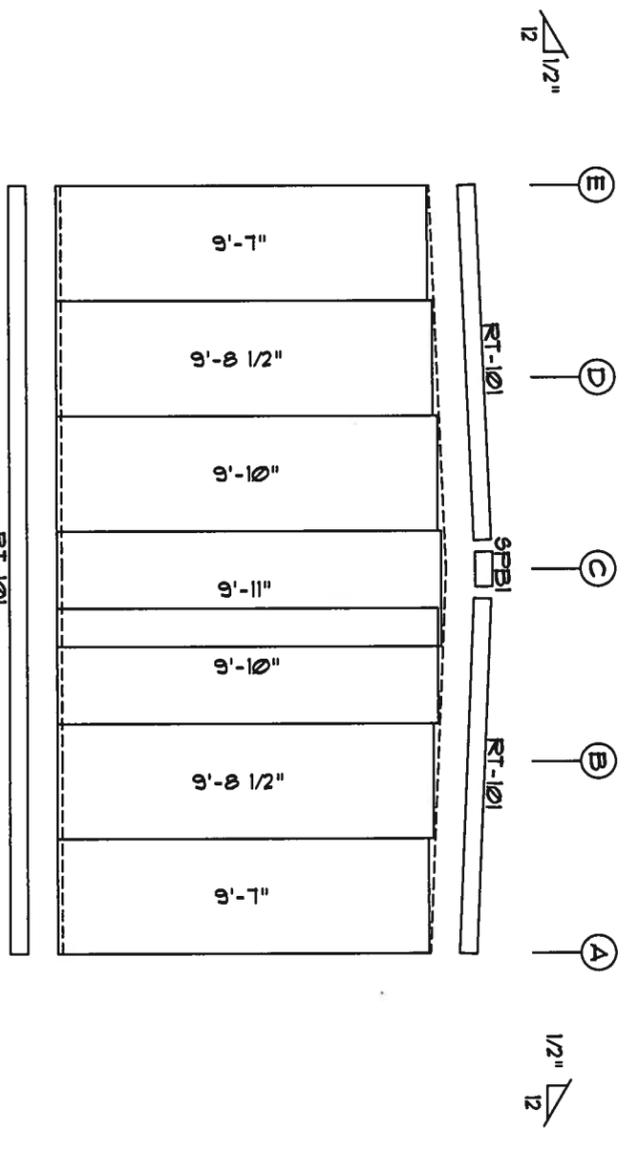
ENDWALL FRAMING FRAME LINE: 1



ENDWALL FRAMING FRAME LINE: 40



ENDWALL SHEETING & TRIM  
FRAME LINE: 1  
PANELS: 26 GA. 5X - Light Stone



ENDWALL SHEETING & TRIM  
FRAME LINE: 40  
PANELS: 26 GA. 5X - Light Stone

*WFL*  
AUG 15 2007

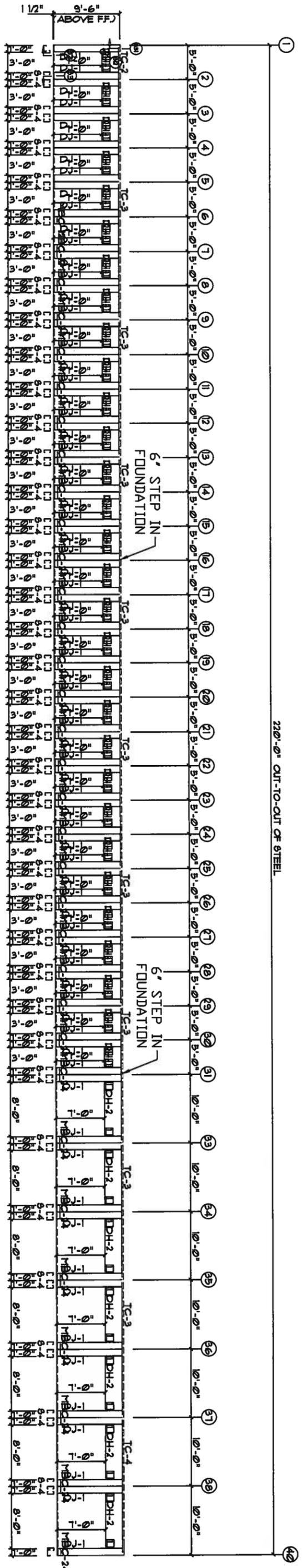
WWW.UNITEDSTEELBUILDING.COM  
2700 W Cypress Creek Rd.  
Ft. Lauderdale, FL 33309  
Phone: 888-448-6963

DESCRIPTION: ENDWALL DRAWING	DATE: 8/14/07	REVISION:
BLDG SIZE: 20'-0" x 220'-0" x 9'-6"	JOB NUMBER: Sherrouse-c	
CUSTOMER: North Florida Extiors	SCALE: N.T.S.	DRAWING NUMBER: E2
LOCATION: Lake City, FL 32025		

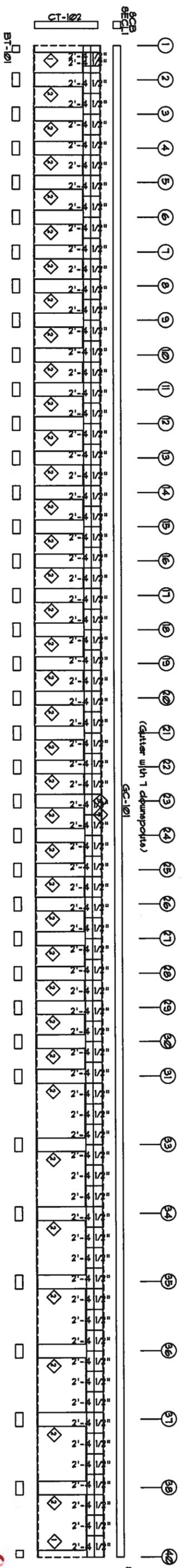
CONNECTION PLATES	
ID	MARK/PART
1	MCI

TRIM TABLE		
ID	MARK	LENGTH
1	CP4-12	1'-0"
2	JPI-24	1'-9"
3	HT-101	10'-2"
4	HT-101	10'-2"

MEMBER TABLE		
MARK	PART	LENGTH
S-4	4X25C16	9'-7 1/2"
DJ-1	4X25C16	9'-7 1/2"
TC-2	4X20016	20'-1"
TC-3	4X20016	20'-0"
TC-4	4X20016	19'-11"
DH-1	4X25C16	3'-0"
DH-2	4X25C16	8'-0"



SIDEWALL FRAMING FRAME LINE: E



SIDEWALL SHEETING & TRIM FRAME LINE: E  
 PANEL 9: 26 GA. 5X - Light Stone

*W.W. United Steel Building*  
 AUG 15 2001

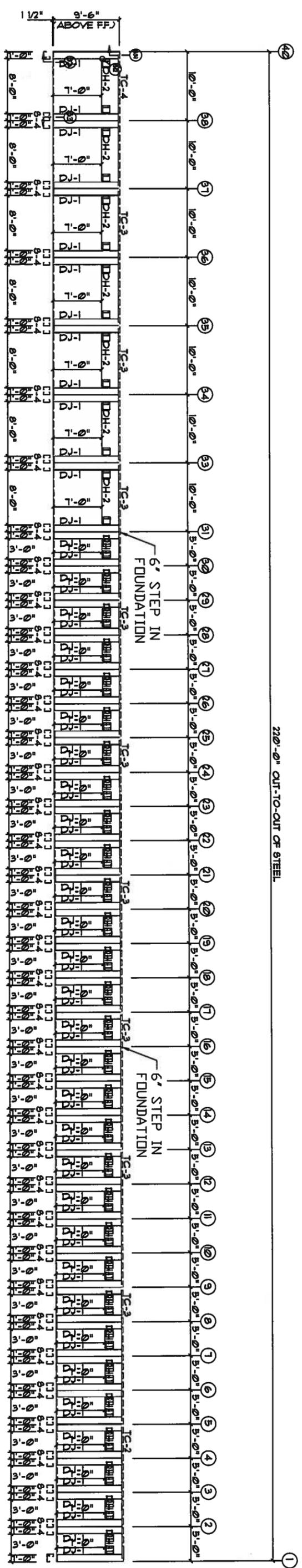
WWW.UNITEDSTEELBUILDING.COM  
 2700 W Cypress Creek Rd.  
 Ft. Lauderdale, FL 33309  
 Phone: 888-448-6963

DESCRIPTION: SIDEWALL DRAWING	DRAWN BY:	REVISION:
BLDG SIZE: 20'-0" x 220'-0" x 9'-6"	DATE: 8/14/07	JOB NUMBER: Sherrouse-c
CUSTOMER: North Florida Extiors	SCALE: N.T.S.	DRAWING NUMBER: E3
LOCATION: Lake City, FL 32025		

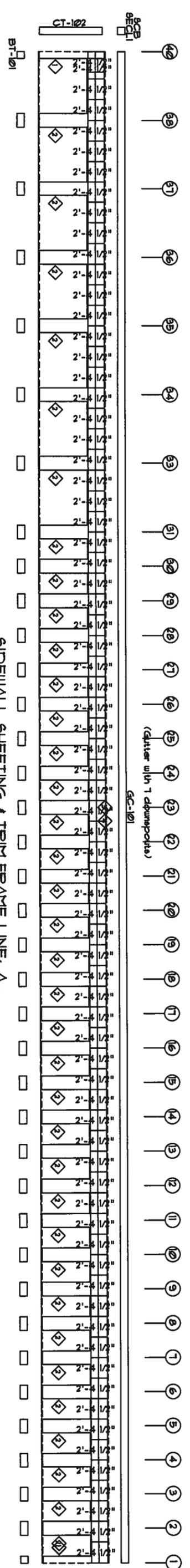
CONNECTION PLATES	
ID	MARK/PART
1	MCI

TRIM TABLE		
ID	MARK	LENGTH
1	CP4-12	1'-0"
2	JPI-24	1'-0"
3	HT-101	1'-9"
4	HT-101	10'-2"

MEMBER TABLE			
MARK	PART	LENGTH	
S-4	4X25C16	9'-1 1/2"	
DJ-1	4X25C16	9'-1 1/2"	
TC-2	4X20016	20'-11"	
TC-3	4X20016	20'-0"	
TC-4	4X20016	19'-11"	
DH-1	4X25C16	3'-0"	
DH-2	4X25C16	8'-0"	



SIDEWALL FRAMING FRAME LINE: A



SIDEWALL SHEETING & TRIM FRAME LINE: A

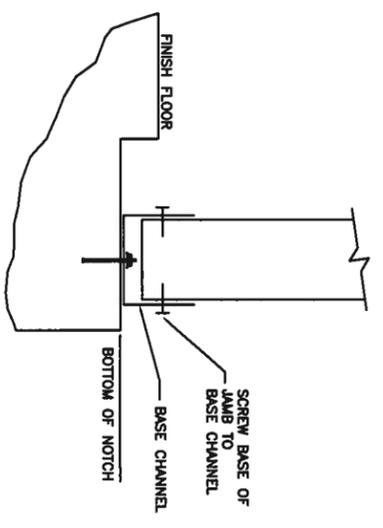
PANELS: 26 Ga. 5X - Light Stone

**AUG 15 2008**

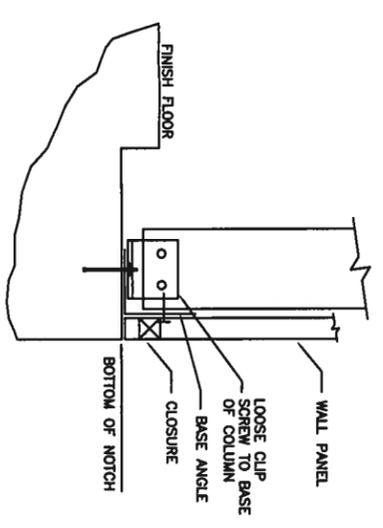
[WWW.UNITEDSTEELBUILDINGS.COM](http://WWW.UNITEDSTEELBUILDINGS.COM)  
 2700 W Cypress Creek Rd.  
 Ft. Lauderdale, FL 33309  
 Phone: 888-448-6963

DESCRIPTION: SIDEWALL DRAWING	DATE: 8/14/07	REVISION:
BLDG SIZE: 20'-0" x 220'-0" x 9'-6"	JOB NUMBER: Sheetrock-C	
CUSTOMER: North Florida Exteriors	SCALE: N.T.S.	DRAWING NUMBER: E4
LOCATION: Lake City, FL, 32025		

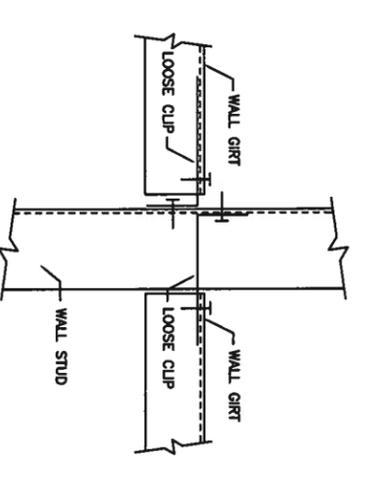




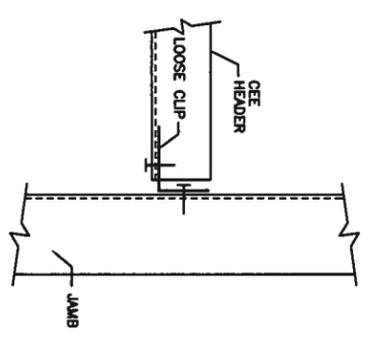
S2 BASE OF SIDEWALL OR ENDWALL WITH CHANNEL



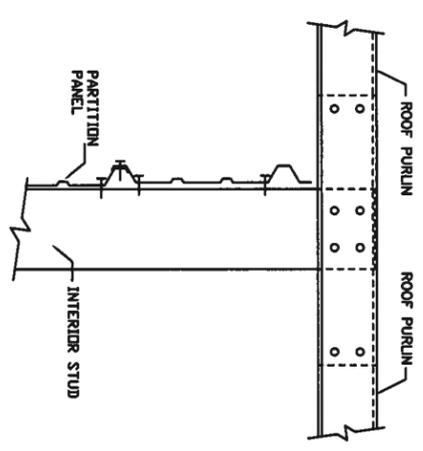
S3 BASE OF SIDEWALL OR ENDWALL WITH ANGLE



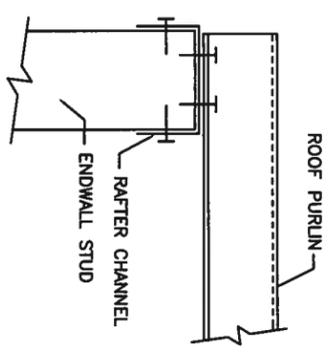
S11 JAMB OR COLUMN TO GIRTS



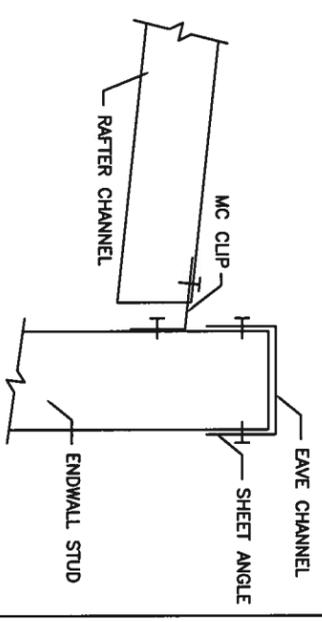
S12 HEADER TO JAMB



S22 INTERIOR COLUMN TO PURLIN (WITHOUT RAFTER)



S23 ENDWALL COLUMN/JAMB TO PURLIN WITH RAFTER



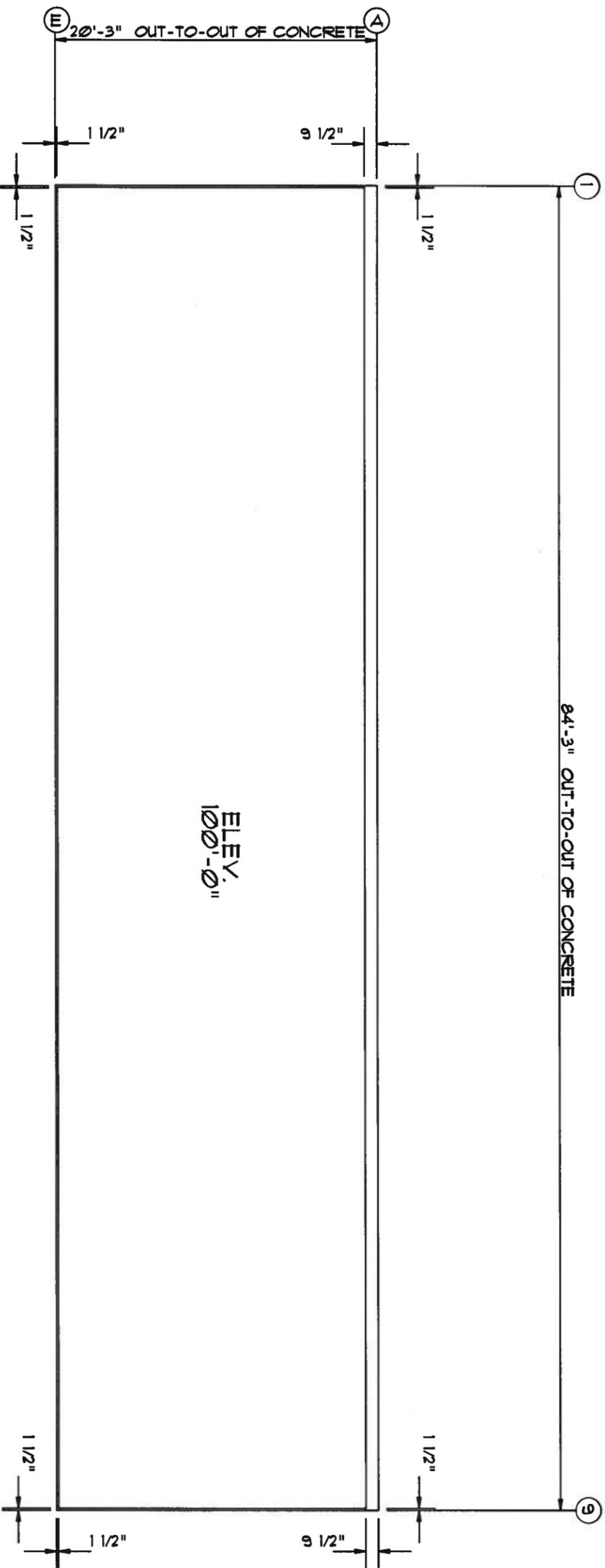
S31 INTERIOR RAFTER TO SIDEWALL COLUMN WITHOUT EAVE STRUT

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DESCRIPTION: Detail Page	DATE: 8/14/07	REVISION:
BLDG SIZE: 20'-0" x 220'-0" x 9'-6"	JOB NUMBER: 0601472B	
CUSTOMER: North Florida Extiors	SCALE: N.T.S.	
LOCATION: Lake City, FL 32025	DRAWING NUMBER: D1	



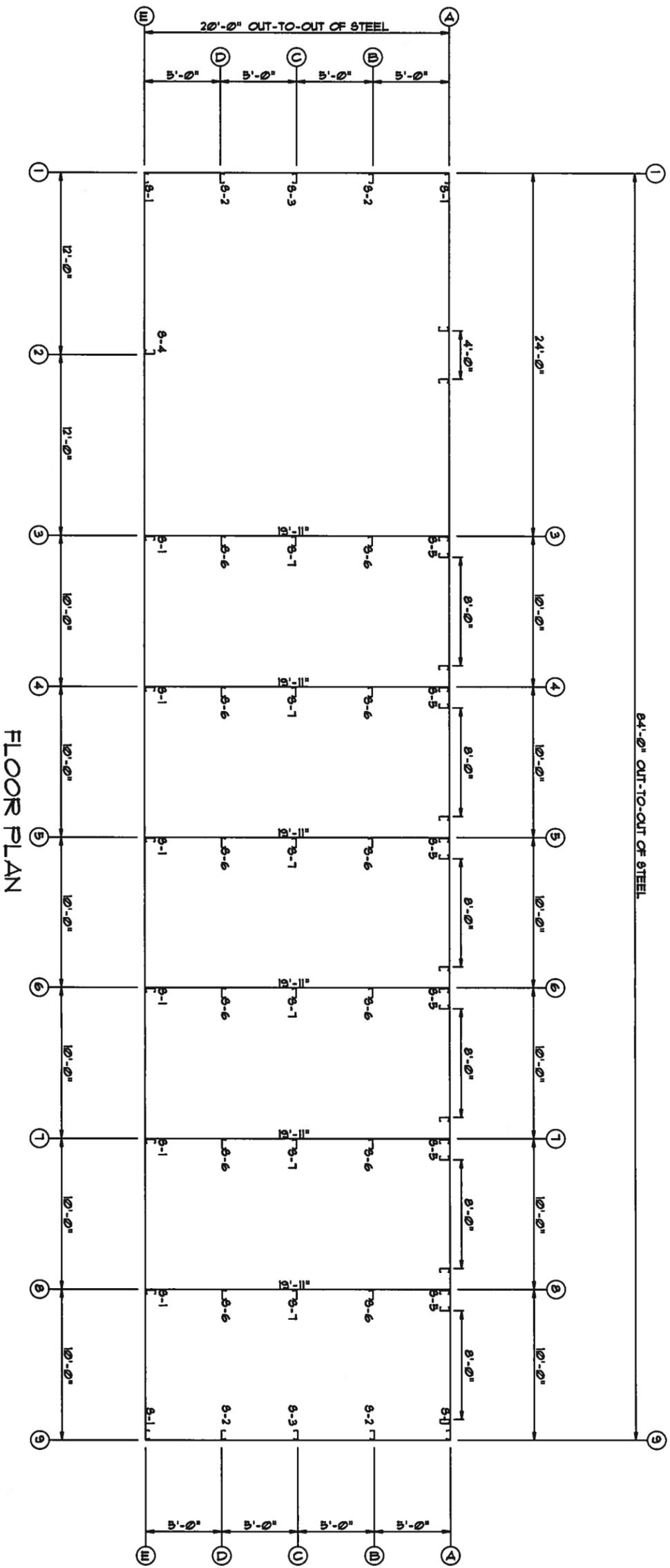


ANCHOR PLAN

*W W W*  
 AUG 15 2007

W W W. UNITED STEEL BUILDING.COM	
2700 W Cypress Creek Rd.	
Ft. Lauderdale, FL 33309	
Phone: 888-448-6963	
DESCRIPTION:	REVISION:
BLDG SIZE: 20'-0" x 84'-0" x 9'-6"	DATE: 8/13/07
CUSTOMER: North Florida Extiors	JOB NUMBER: SB3631

MEMBER TABLE		
MARK	PART	LENGTH
S-1	4X25C16	114.0000
S-2	4X25C16	112.241
S-3	4X25C16	114.141
S-4	4X25C14	114.0000
S-5	4X25C16	115.5000
S-6	4X25C16	116.5000
S-7	4X25C16	119.0000

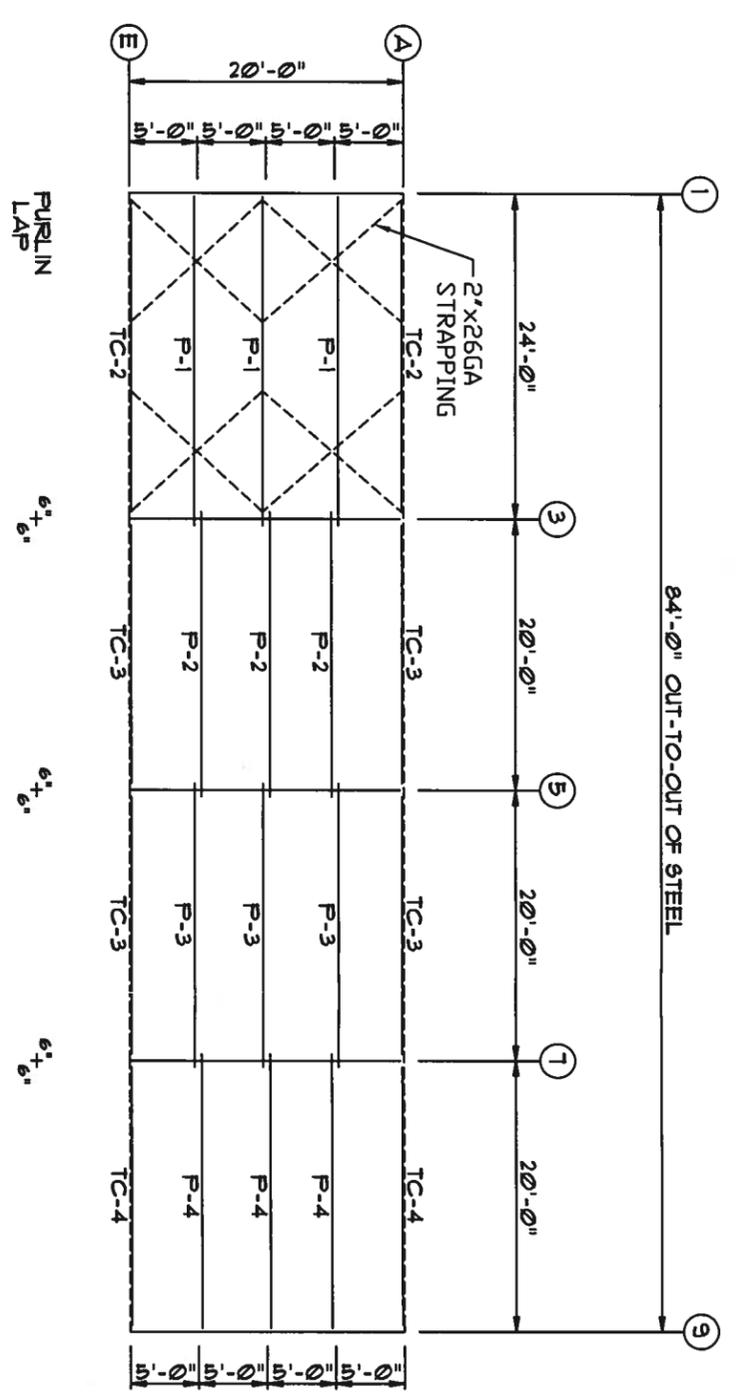


*Handwritten signature and date:*  
 AUG 13 2007

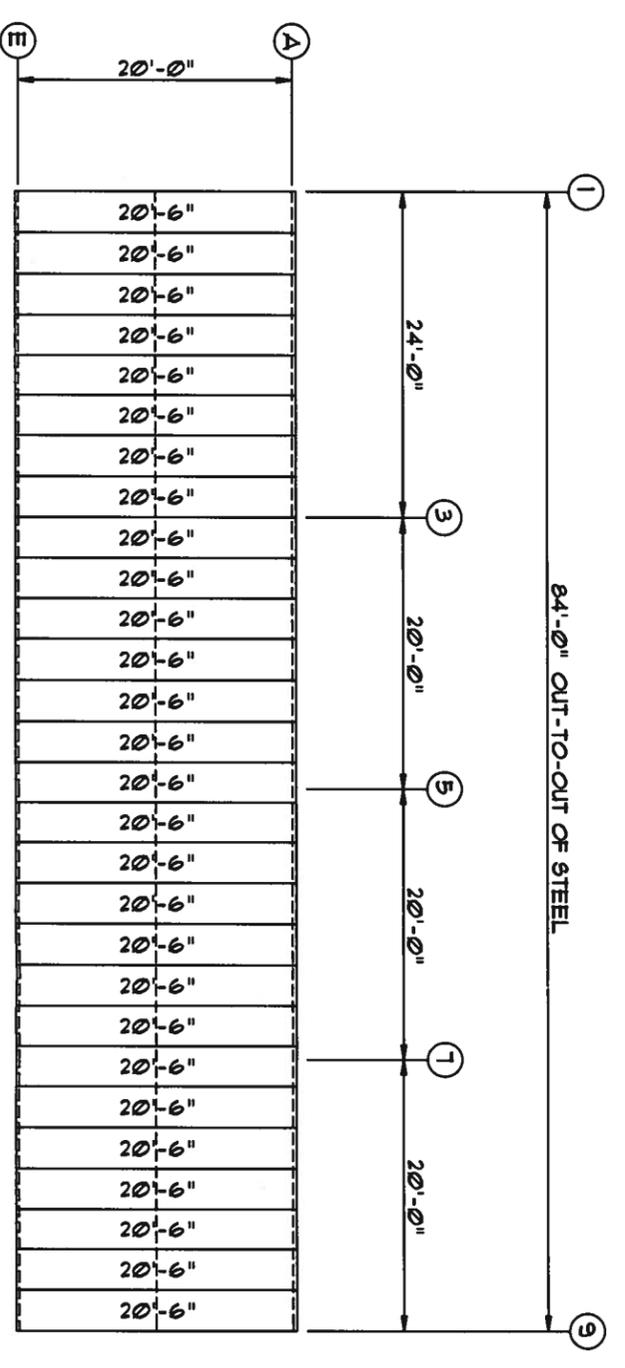
WWW.UNITEDSTEELBUILDING.COM  
 2700 W Cypress Creek Rd.  
 Ft. Lauderdale, FL 33309  
 Phone: 888-448-6963

DESCRIPTION:	DRN BR:	REVISION:
BUDG SIZE: 20'-0" x 84'-0" x 9'-6"	DATE: 8/13/07	
CUSTOMER: North Florida Extiors	JOB NUMBER: 0601472F	

MARK	PART	LENGTH
TC-2	4X20016	269.0000
TC-3	4X20016	240.0000
TC-4	4X20016	239.0000
P-1	4X25Z14	293.1500
P-2	4X25Z14	252.0000
P-3	4X25Z16	245.1500



ROOF FRAMING



ROOF SHEETING & TRIM  
 PANELS: 26 GA. 5X - NEED COLOR

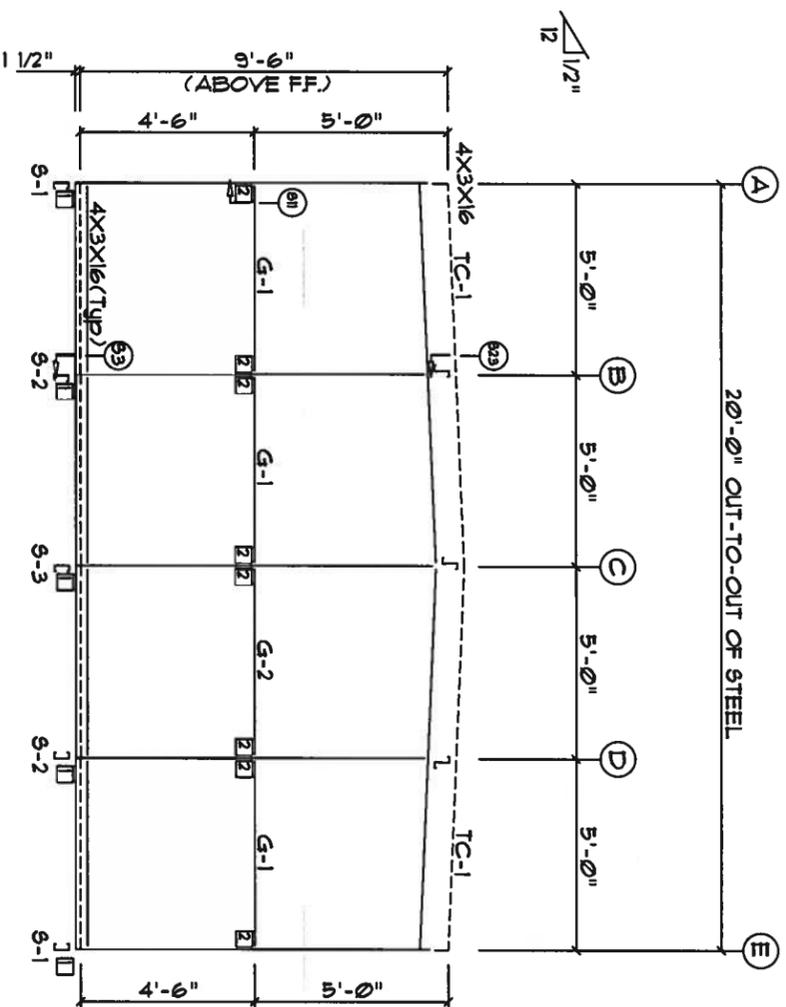
*W. W. United Steel Building*  
 AUG 15 2007

W W W. UNITED STEEL BUILDING.COM  
 2700 W Cypress Creek Rd.  
 Ft. Lauderdale, FL 33309  
 Phone: 888-448-6963

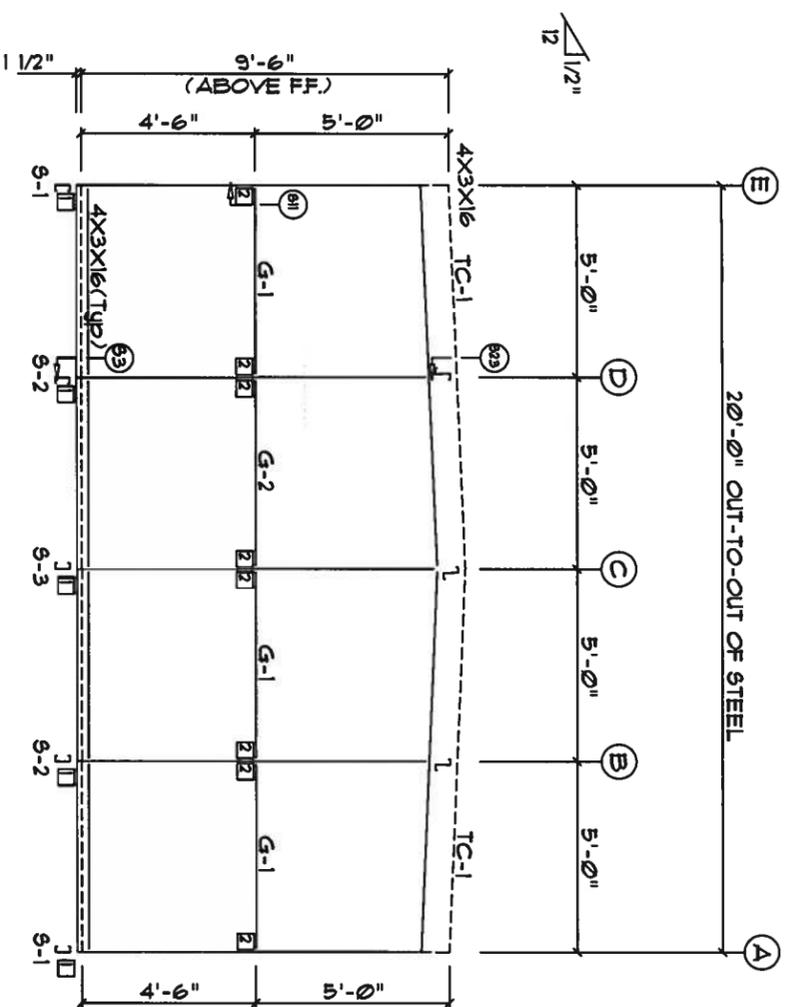
DESCRIPTION: ROOF DRAWING	DRN. BY:	REVISION:
BLDG SIZE: 20'-0" x 84'-0" x 9'-6"	DATE: 8/13/07	
CUSTOMER: North Florida Extiors	JOB NUMBER: 0601472F	

MEMBER TABLE			
MARK	PART	LENGTH	
S-1	4X25C16	9'-6"	
S-2	4X25C14	9'-4 1/4"	
S-3	4X25C14	9'-6 3/4"	
TC-1	4X25C16	10'-0 1/8"	
G-1	4X25C16	4'-9"	
G-2	4X25C16	4'-6 1/2"	

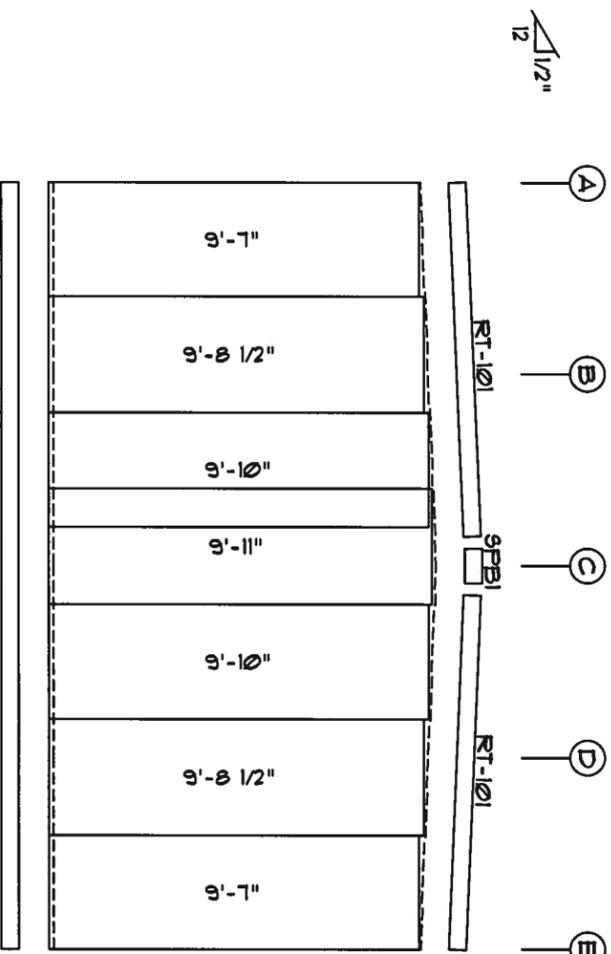
CONNECTION PLATES		
ID	MARK	PART
1	BC	
2	MC	



ENDWALL FRAMING FRAME LINE: 1

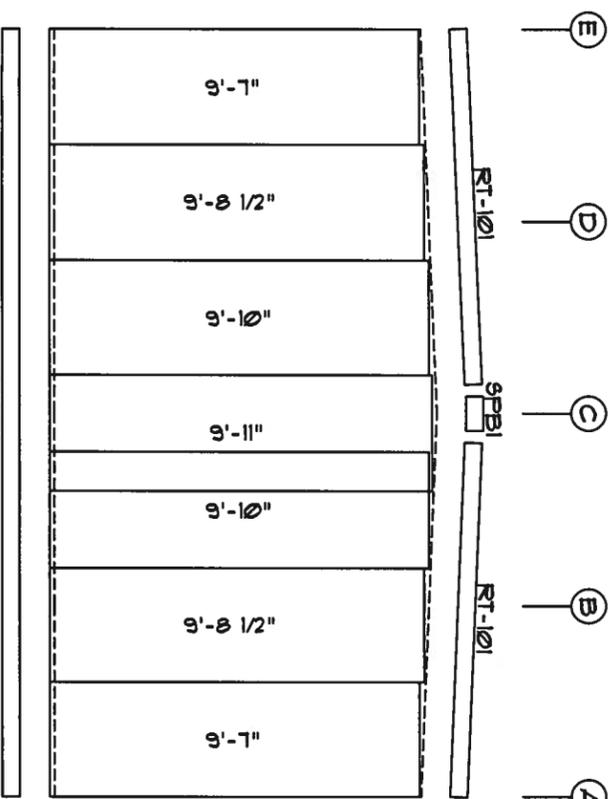


ENDWALL FRAMING FRAME LINE: 9



ENDWALL SHEETING & TRIM  
FRAME LINE: 1

PANELS: 26 Ga. SX - Light Stone



ENDWALL SHEETING & TRIM  
FRAME LINE: 9

PANELS: 26 Ga. SX - Light Stone

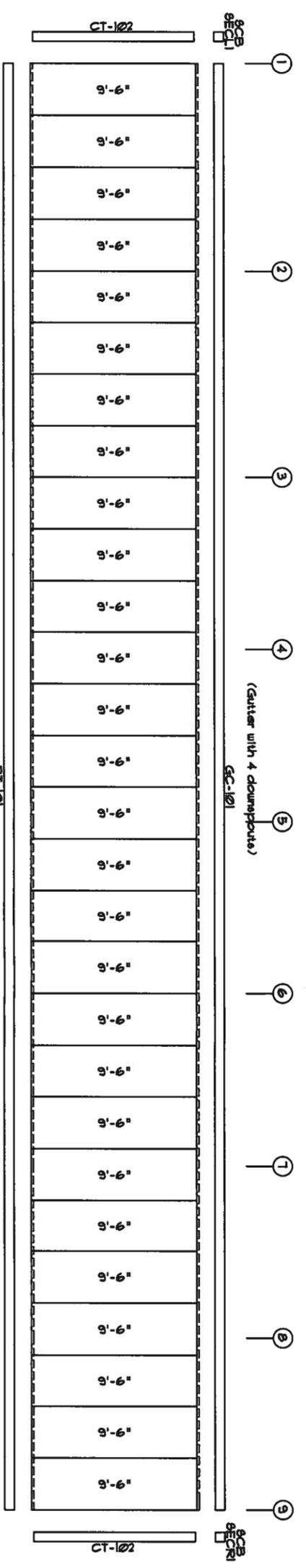
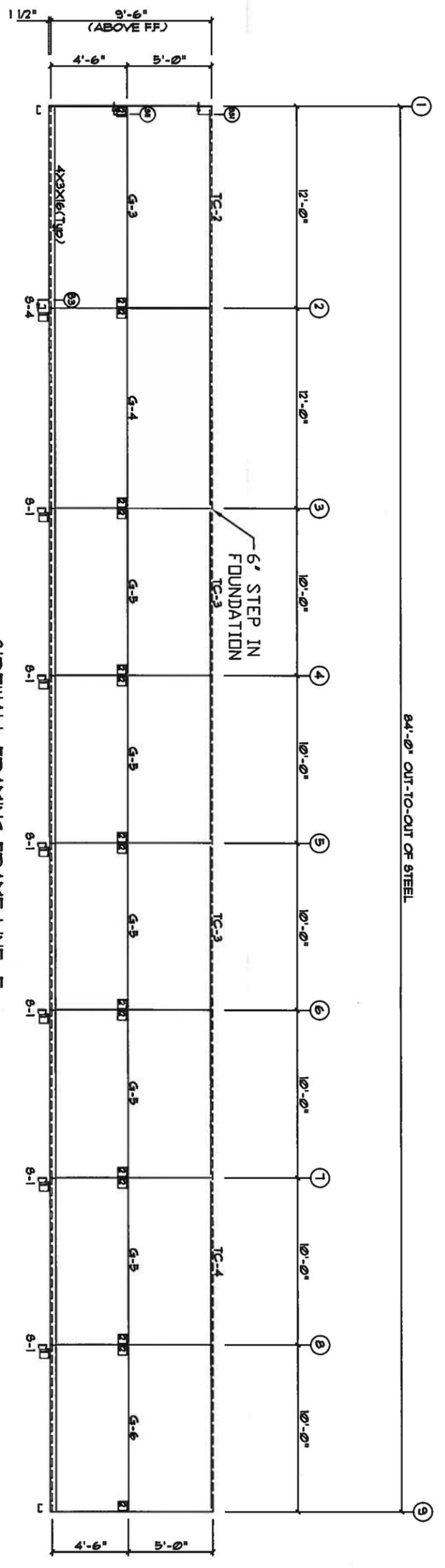
*WWS*  
AUG 15 2007

W W W . U N I T E D S T E E L B U I L D I N G . C O M  
2700 W Cypress Creek Rd.  
Ft. Lauderdale, FL 33309  
Phone: 888-448-6963

DESCRIPTION: ENDWALL DRAWING	DATE: 8/13/07	PERSON:
BLDG SIZE: 20'-0" x 84'-0" x 9'-6"	JOB NUMBER: 0601472F	
CUSTOMER: North Florida Extiors		

MEMBER TABLE		
MARK	PART	LENGTH
G-1	4X25C16	9'-6"
G-4	4X25C14	9'-6"
TC-2	4X20016	24'-1"
TC-3	4X20016	20'-0"
TC-4	4X20016	19'-11"
G-3	4X25C16	11'-5"
G-4	4X25C16	11'-11 1/2"
G-5	4X25C16	9'-9"
G-6	4X25C16	9'-5"

CONNECTION PLATES	
DID	MARK/PART
1	BCI
2	MCI

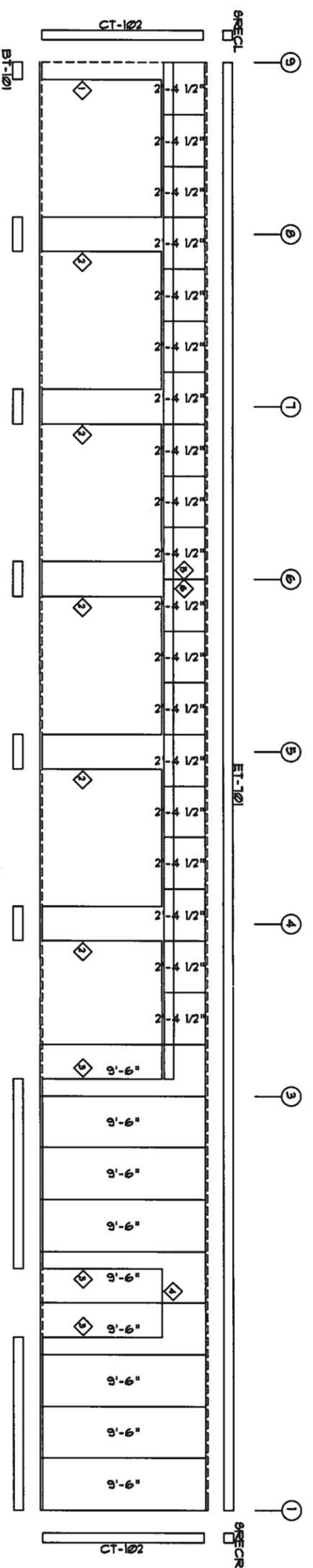
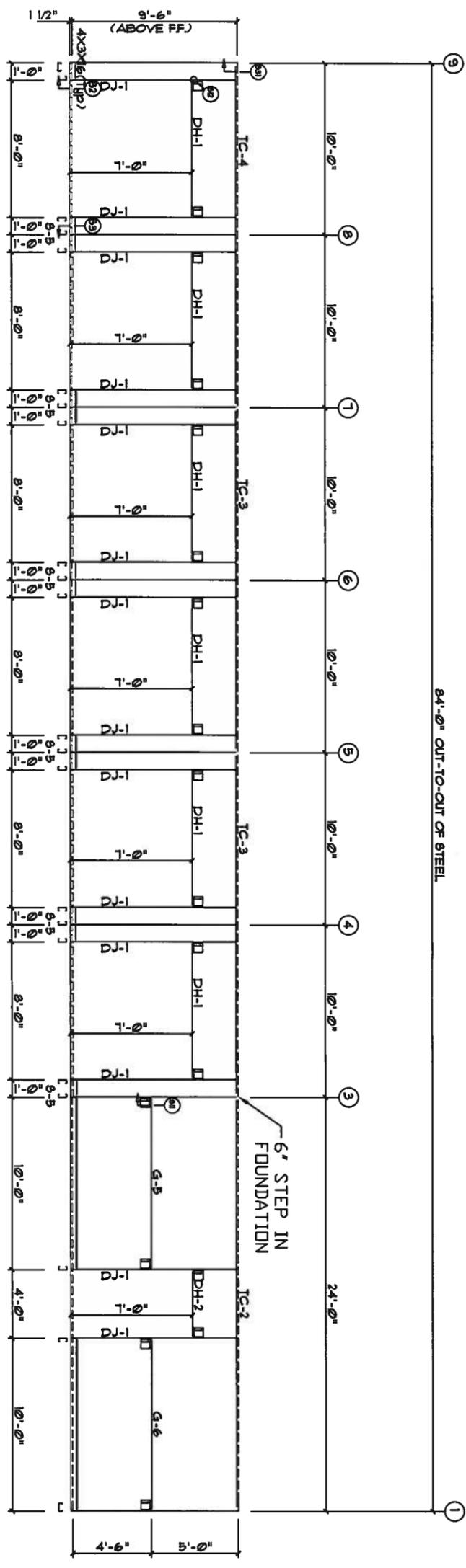


SIDEWALL SHEETING & TRIM FRAME LINE: E  
 PANEL 0: 26 GA. 5X - Light Stone

*WWS*  
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 Ft. Lauderdale, FL 33309  
 Phone: 888-448-6963

DESCRIPTION: SIDEWALL DRAWING	DRAWN BY:	REVISION:
BLUE SIZE: 20'-0" x 84'-0" x 9'-6"	DATE: 8/13/07	
CUSTOMER: North Florida Exteriors	JOB NUMBER: 0601472F	



MEMBER TABLE		
MARK	PART	LENGTH
G-5	4X25C16	9'-7 1/2"
DJ-1	4X25C16	9'-7 1/2"
TC-2	4X20016	24'-1"
TC-3	4X20016	20'-0"
TC-4	4X20016	19'-11"
DH-1	4X25C16	8'-0"
DH-2	4X25C16	4'-0"
G-5	4X25C16	9'-9"
G-6	4X25C16	9'-5"

TRIM TABLE		
OID MARK	LENGTH	
1	CP4-12	7'-0"
2	JP1-24	7'-3"
3	JT-101	4'-6"
4	HT-101	8'-1"
5	HT-101	10'-2"
6	HT-101	10'-2"

CONNECTION PLATES	
OID MARK	PART
1	MCI

SIDEWALL SHEETING & TRIM FRAME LINE: A  
 PANELS: 26 GA. 5X - Light Stone

SIDEWALL FRAMING FRAME LINE: A

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 Phone: 888-448-6963

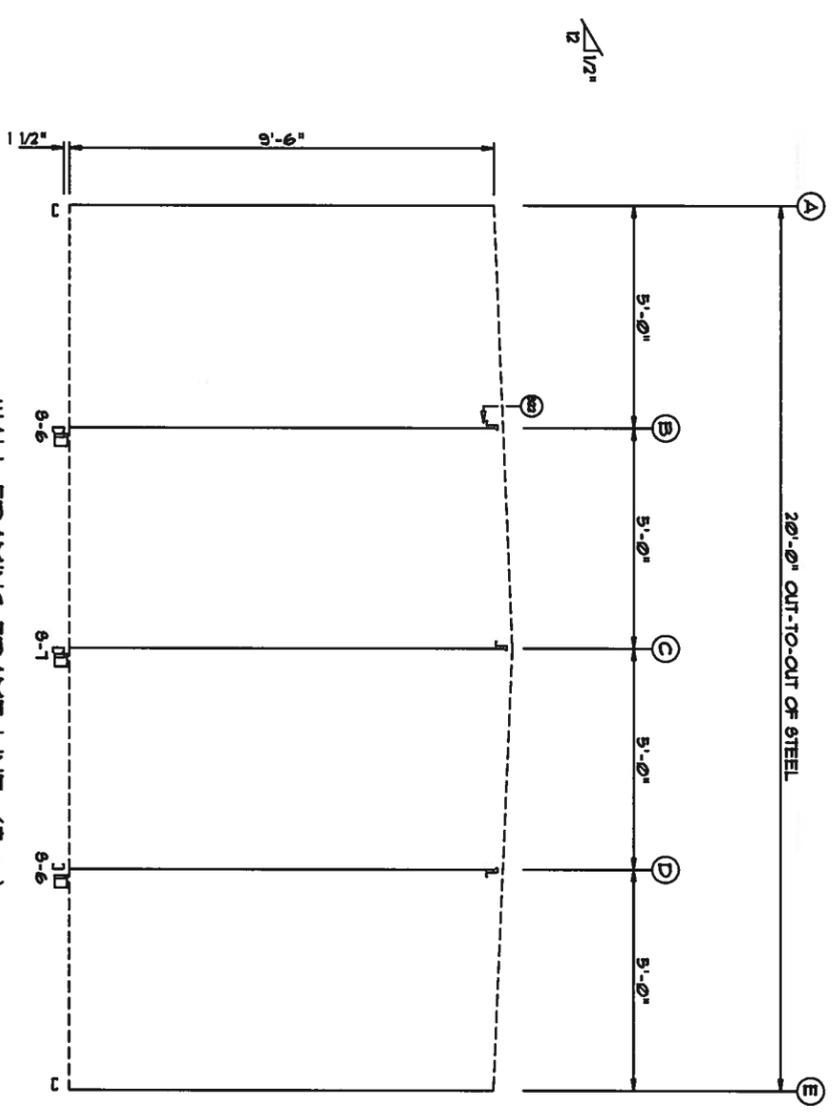
DESCRIPTION: SIDEWALL DRAWING  
 BLUE SIZE: 20'-0" x 84'-0" x 9'-6"  
 CUSTOMER: North Florida Extiors

DATE: 8/13/07  
 JOB NUMBER: 0601472F

REVISION:

AUG 15 2007

DESIGN	DATE	BY	REVISION
2-1	8/13/07	333309	
CONNECTION PLAN			
DIPERAZZARI			



WALL FRAMING FRAME LINE: (Typ)



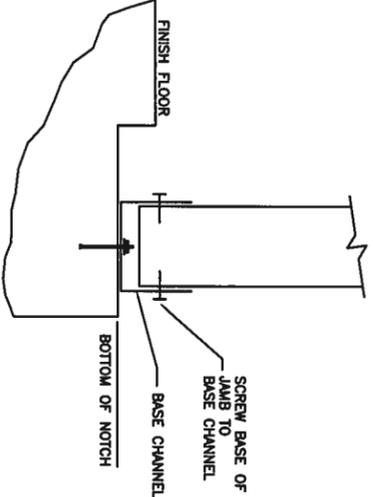
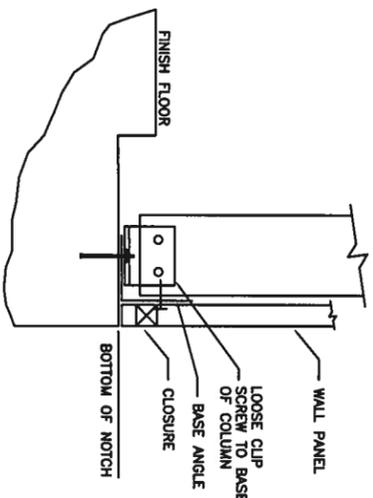
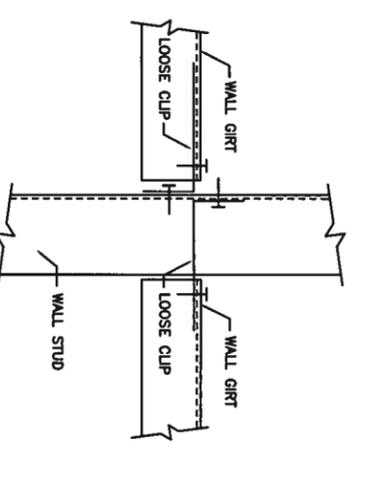
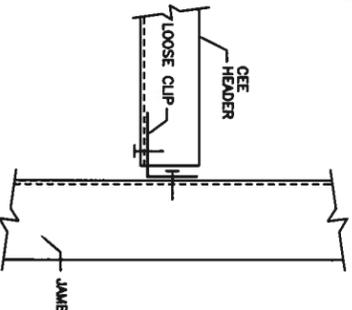
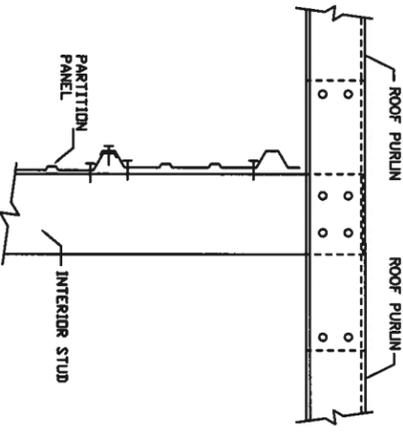
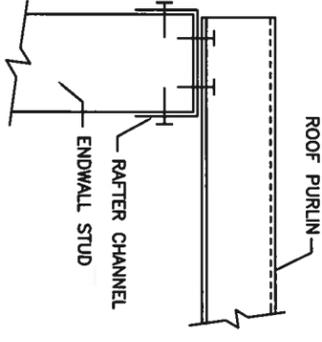
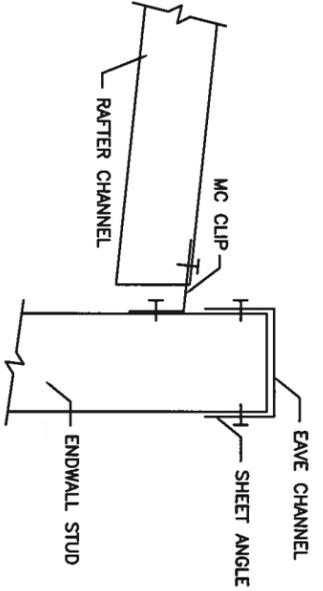
WALL SHEETING & TRIM FRAME LINE: (Typ)

PANELS: 29 GA. 9P - NEED COLOR

*Handwritten signature*  
AUG 15 2007

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 2700 W Cypress Creek Rd.  
 Ft. Lauderdale, FL 33309  
 Phone: 888-448-6963

DESCRIPTION: PARTITION DRAWING	DATE: 8/13/07
SIZE: 20'-0" x 84'-0" x 9'-6"	JOB NUMBER: 0601472F
CUSTOMER: North Florida Exteriors	REVISION:

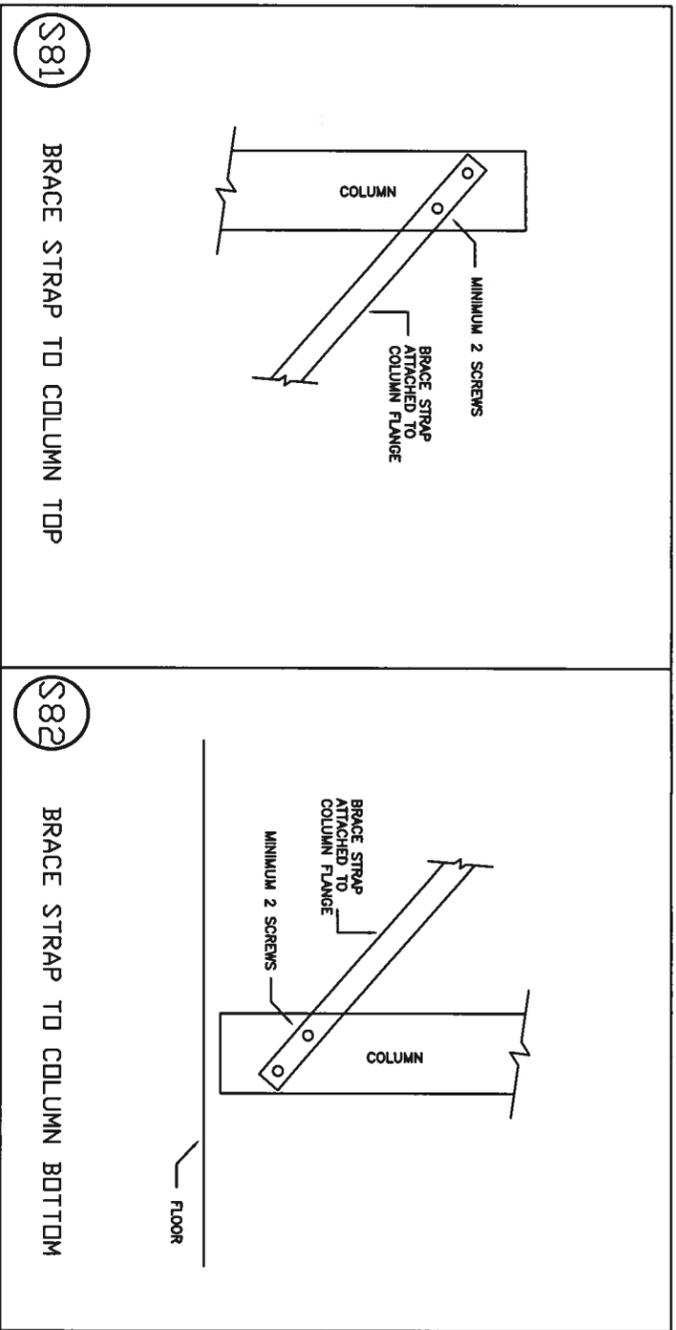
<p>(S2) BASE OF SIDEWALL OR ENDWALL WITH CHANNEL</p> 	<p>(S3) BASE OF SIDEWALL OR ENDWALL WITH ANGLE</p> 	<p>(S11) JAMB OR COLUMN TO GIRT</p> 
<p>(S12) HEADER TO JAMB</p> 	<p>(S22) INTERIOR COLUMN TO PURLIN (WITHOUT RAFTER)</p> 	<p>(S23) ENDWALL COLUMN/JAMB TO PURLIN WITH RAFTER</p> 
<p>(S31) INTERIOR RAFTER TO SIDEWALL COLUMN WITHOUT EAVE STRUT</p> 		

*MA*  
AUG 1 2007

W W W. UNITED STEEL BUILDING.COM  
 2700 W Cypress Creek Rd.  
 Ft. Lauderdale, FL 33309  
 Phone: 888-448-6963

DESCRIPTION: Detail Page  
 BLDG SIZE: 20'-0" x 84'-0" x 9'-6"  
 CUSTOMER: North Florida Extiors

DRN BR: REVISION:  
 DATE: 8/13/07  
 JOB NUMBER: 0601472F



*W.W. United Steel Building Co.*  
 AUG 15 2007

W.W. UNITED STEEL BUILDING CO. DM  
 2700 W Cypress Creek Rd.  
 Ft. Lauderdale, FL 33309  
 Phone: 888-448-6963

DESCRIPTION: Detail Page  
 BLDG SIZE: 20'-0" x 84'-0" x 9'-6"  
 CUSTOMER: North Florida Exteriors  
 DATE: 8/13/07  
 JOB NUMBER: 0601472F

**BUILDER / CONTRACTOR RESPONSIBILITIES**

IT IS THE RESPONSIBILITY OF THE BUILDER/CONTRACTOR TO INSURE THAT ALL PROJECT PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE REQUIREMENTS OF ANY GOVERNING BUILDING AUTHORITIES, THE SUPPLYING OF SEALED ENGINEERING DATA AND DRAWINGS FOR THE METAL BUILDING SYSTEM DOES NOT IMPLY OR CONSTITUTE AN AGREEMENT THAT THE BUILDING MANUFACTURER OR ITS DESIGN ENGINEER IS ACTING AS THE ENGINEER OF RECORD OR DESIGN PROFESSIONAL FOR A CONSTRUCTION PROJECT.

THE CONTRACTOR MUST SECURE ALL REQUIRED APPROVALS AND PERMITS FROM THE APPROPRIATE AGENCY AS REQUIRED.

APPROVAL OF THE MANUFACTURER'S DRAWINGS AND CALCULATIONS INDICATE THAT THE BUILDING MANUFACTURER CORRECTLY INTERPRETED AND APPLIED THE REQUIREMENTS OF THE CONTRACT DRAWINGS AND SPECIFICATIONS.

(SECT. 4.2.1 AISC CODE OF STANDARD PRACTICES, 9TH ED.)

WHERE DISCREPANCIES EXIST BETWEEN THE MANUFACTURER'S STRUCTURAL STEEL PLANS AND THE PLANS FOR OTHER TRADES, THE STRUCTURAL STEEL PLANS SHALL GOVERN. (SECT. 3.3 AISC CODE OF STANDARD PRACTICE 9TH ED.)

DESIGN CONSIDERATIONS OF ANY MATERIALS IN THE STRUCTURE WHICH ARE NOT FURNISHED BY THE BUILDING MANUFACTURER ARE THE RESPONSIBILITY OF THE CONTRACTORS AND ENGINEERS OTHER THAN THE BUILDING MANUFACTURER'S ENGINEERS UNLESS SPECIFICALLY INDICATED.

THE CONTRACTOR IS RESPONSIBLE FOR ALL ERECTION OF STEEL AND ASSOCIATED WORK IN COMPLIANCE WITH THE BUILDING MANUFACTURER'S "FOR CONSTRUCTION" DRAWINGS.

PRODUCTS SHIPPED TO BUILDER OR HIS CUSTOMER SHALL BE INSPECTED BY BUILDER IMMEDIATELY UPON ARRIVAL CLAIMS FOR SHORTAGES OR DEFECTIVE MATERIAL IF NOT PACKAGED MUST BE MAILED TO THE MANUFACTURER IN WRITING WITHIN FIVE (5) DAYS AFTER RECEIPT OF THE SHIPMENT. HOWEVER, IF A DEFECT IS OF SUCH A NATURE THAT REASONABLE VISUAL INSPECTION WOULD FAIL TO DISCLOSE IT, THEN THE CLAIM MUST BE MADE WITHIN FIVE (5) DAYS AFTER THE BUILDER LEARNS OF THE DEFECT. THE MANUFACTURER WILL NOT BE LIABLE FOR ANY DEFECT UNLESS CLAIM IS MADE WITHIN ONE (1) YEAR AFTER DATE OF THE ORIGINAL SHIPMENT BY THE MANUFACTURER TO BUILDER OR HIS CUSTOMER. THE MANUFACTURER WILL BE GIVEN A REASONABLE OPPORTUNITY TO INSPECT DEFECTIVE MATERIALS UPON RECEIPT OF CLAIM BY BUILDER.

IF A DEFECT IS OF SUCH NATURE THAT IT CAN BE REMEDIATED BY A FIELD OPERATION AT THE JOB SITE WITHOUT THE NECESSITY OF RETURNING THE MATERIAL TO THE MANUFACTURER, THEN UPON WRITTEN AUTHORIZATION OF THE MANUFACTURER THE BUILDER MAY REPAIR OR CAUSE THE MATERIAL TO BE REPAIRED AND THE MANUFACTURER WILL REIMBURSE THE BUILDER FOR THE COST OF THE REPAIR IN ACCORDANCE WITH THE WRITTEN AUTHORIZATION. ALL REPAIRS AS SHOWN AND PROVIDED BY THE MANUFACTURER FOR THIS BUILDING IS REQUIRED AND SHALL BE INSTALLED BY THE ERECTOR AS A PERMANENT PART OF THE STRUCTURE.

TEMPORARY SUPPORTS, SUCH AS TEMPORARY GUYS, BRACES, FALSE WORK, CRIBBING OR OTHER ELEMENTS REQUIRED FOR THE ERECTION OPERATION WILL BE DETERMINED AND INSTALLED BY THE ERECTOR. THESE TEMPORARY SUPPORTS WILL SECURE THE STEEL FRAMING, OR ANY PARTLY ASSEMBLED STEEL FRAMING, AGAINST LOADS COMPARABLE IN INTENSITY TO THOSE FOR WHICH THE STRUCTURE WAS DESIGNED, RESULTING FROM WIND, SEISMIC FORCES AND ERECTION OPERATIONS, BUT NOT THE LOADS RESULTING FROM THE PERFORMANCE OF WORK BY OR THE ACTS OF OTHERS, NOR SUCH UNPREDICTABLE LOADS AS THOSE DUE TO TORNADO, EXPLOSION OR COLLISION. (SECT. 7.9.1 AISC CODE OF STANDARD PRACTICE, 9TH ED.)

DESIGN OF GUTTER AND DOWNSPOUT IS A FUNCTION OF THE RAINFALL INTENSITY AND AREA TO BE DRAINED. DESIGN PARAMETERS UTILIZED ARE IN ACCORDANCE WITH THE 1986 LOW RISE BUILDING SYSTEMS MANUAL AND/OR THE 9TH EDITION OF THE ARCHITECTURAL GRAPHIC STANDARDS, AS APPLICABLE. PROPER OWNER MAINTENANCE DICTATES THAT THE DRAINAGE SYSTEM BE KEPT FREE AND CLEAR OF DEBRIS AND/OR ICE AT ALL TIMES TO ENSURE PROPER FUNCTION OF THE GUTTER AND DOWNSPOUT. IN THOSE CASES WHERE THE OWNER/TENANT OF A PROPERTY IS UNWILLING OR UNABLE TO PROVIDE PROPER MAINTENANCE, ELIMINATION OF GUTTER SHOULD BE CONSIDERED AS AN ALTERNATIVE.

**PRODUCT CERTIFICATIONS**

THE BUILDING MANUFACTURER IS A MEMBER OF THE METAL BUILDING MANUFACTURERS ASSOCIATION. THE BUILDING MANUFACTURER'S FABRICATION AND PRODUCTS ARE COVERED BY ONE OR MORE OF THE FOLLOWING CERTIFICATIONS:

1. APPROVED FABRICATOR OF PREFABRICATED BUILDINGS AND COMPONENTS. REFERENCE ICB0 REPORT NO. FA-337
2. SBCCI COMPLIANCE REPORT NO. 9461A
3. AISC METAL BUILDING CERTIFICATION PROGRAM
4. CITY OF HOUSTON APPROVED FABRICATOR (REGISTRATION NO. 164)
5. WISCONSIN PRODUCT APPROVAL NUMBER 980075-M
6. CLARK COUNTY, NEVADA APPROVED FABRICATOR
7. CITY OF LOS ANGELES, CALIFORNIA APPROVED TYPE 1 FABRICATOR (LA#1604)
8. CANADIAN WELDING BUREAU CERTIFICATION TO CSA STANDARD W47.1 IN DIVISION 1 (SYMBOL P722(HOUSTON, TX))
9. TEXAS DEPT. OF INSURANCE PRODUCT EVALUATION RC-34

**APPROVAL NOTES**

THE FOLLOWING CONDITIONS APPLY IN THE EVENT THAT THESE DRAWINGS ARE USED AS APPROVAL DRAWINGS:

- A) IT IS IMPERATIVE THAT ANY CHANGES TO THESE DRAWINGS:
  - 1) BE MADE IN CONTRASTING INK.
  - 2) BE LEGIBLE AND UNAMBIGUOUS.
  - 3) HAVE ALL INSTANCES OF CHANGE CLEARLY INDICATED.
- B) DATED SIGNATURE IS REQUIRED ON ALL PAGES.
- C) MANUFACTURER RESERVES THE RIGHT TO RE-SUBMIT DRAWINGS WITH EXTENSIVE OR COMPLEX CHANGES REQUIRED TO AVOID MISFABRICATION. THIS MAY IMPACT THE DELIVERY SCHEDULE.
- D) APPROVAL OF THESE DRAWINGS INDICATES CONCLUSIVELY THAT THE MANUFACTURER HAS CORRECTLY INTERPRETED THE CONTRACT REQUIREMENTS, AND FURTHER CONSTITUTES AGREEMENT THAT THE BUILDING AS DRAWN, OR AS DRAWN WITH INDICATED CHANGES REPRESENTS THE TOTAL OF THE MATERIALS TO BE SUPPLIED BY MANUFACTURER.
- E) ANY CHANGES NOTED ON THE DRAWINGS NOT IN CONFORMANCE WITH THE TERMS AND REQUIREMENTS OF THE CONTRACT BETWEEN MANUFACTURER AND ITS CUSTOMER ARE NOT BINDING ON MANUFACTURER UNLESS SUBSEQUENTLY SPECIFICALLY ACKNOWLEDGED AND AGREED TO IN WRITING BY CHANGE ORDER OR SEPARATE DOCUMENTATION. MANUFACTURER RECOGNIZES THAT RUBBER STAMPS ARE ROUTINELY USED FOR INDICATING APPROVAL. DISAPPROVAL, REJECTION, OR MERE REVIEW OF THE DRAWINGS SUBMITTED. HOWEVER, MANUFACTURER DOES NOT ACCEPT CHANGES OR ADDITIONS TO CONTRACTUAL TERMS AND CONDITIONS THAT MAY APPEAR WITH USE OF A STAMP OR SIMILAR INDICATION OF APPROVAL. DISAPPROVAL, ETC. SUCH LANGUAGE APPLIED TO MANUFACTURER'S DRAWINGS BY THE CUSTOMER, ARCHITECT, ENGINEER, OR ANY OTHER PARTY WILL BE CONSIDERED AS UNACCEPTABLE ALTERATIONS TO THESE DRAWING NOTES, AND WILL NOT ALTER THE CONTRACTUAL RIGHTS AND OBLIGATIONS EXISTING BETWEEN MANUFACTURER AND ITS CUSTOMER.

**GENERAL NOTES**

THE STRUCTURE UNDER THIS CONTRACT HAS BEEN DESIGNED AND DETAILED FOR THE LOADS AND CONDITIONS STIPULATED IN THE CONTRACT AND SHOWN ON THESE DRAWINGS. ANY ALTERATIONS TO THE STRUCTURAL SYSTEM OR REMOVAL OF ANY COMPONENT PARTS, OR THE ADDITION OF OTHER CONSTRUCTION MATERIALS OR LOADS MUST BE DONE UNDER THE ADVICE AND DIRECTION OF A REGISTERED ARCHITECT, CIVIL OR STRUCTURAL ENGINEER. THE BUILDING MANUFACTURER WILL ASSUME NO RESPONSIBILITY FOR ANY LOADS NOT INDICATED.

THIS METAL BUILDING IS DESIGNED WITH THE BUILDING MANUFACTURER'S STANDARD PRACTICES WHICH ARE BASED ON PERTINENT PROCEDURES AND RECOMMENDATIONS OF THE FOLLOWING ORGANIZATIONS AND CODES:

1. AMERICAN INSTITUTE OF STEEL CONSTRUCTION. "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS"
2. AMERICAN IRON AND STEEL INSTITUTE. "SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS"
3. AMERICAN WELDING SOCIETY. "STRUCTURAL WELDING CODE" AWS D1.1.
4. METAL BUILDING MANUFACTURER'S ASSOCIATION. "LOW RISE BUILDING SYSTEMS MANUAL"
5. INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS. "UNIFORM BUILDING CODE"
6. SOUTHERN BUILDING CODE CONGRESS INTERNATIONAL. "STANDARD BUILDING CODE"
7. BUILDING OFFICIAL AND CODE ADMINISTRATORS INTERNATIONAL. "BOCA NATIONAL BUILDING CODE"
8. NATIONAL BUILDING CODE OF CANADA.

MATERIAL PROPERTIES OF STEEL PLATE USED IN THE FABRICATION OF PRIMARY RIGID FRAMES, AND OTHER PRIMARY STRUCTURAL EXCLUSIVE OF COLD-FORMED SECTIONS, CONFORM TO ASTM-A529 OR A-572. FLANGES WITH THICKNESS OF ONE INCH OR LESS AND WIDTH OF 12" OR LESS CONFORM TO A-572 WITH A MINIMUM YIELD POINT OF 55,000 PSI. FLANGES GREATER THAN 1" IN THICKNESS OR 12" IN WIDTH CONFORM TO A-572 WITH A MINIMUM YIELD POINT OF 50,000 PSI. WEB MATERIAL CONFORMS TO ASTM-A36 MODIFIED WITH A MINIMUM YIELD POINT OF 46,000 PSI. MATERIAL PROPERTIES OF PIPE SECTIONS CONFORM TO ASTM-A53 TYPE E, GRADE B WITH A MINIMUM YIELD POINT OF 33,000 PSI.

MATERIAL PROPERTIES OF HOT ROLLED STEEL MEMBERS CONFORM TO THE REQUIREMENTS OF ASTM-A36 OR A572 WITH A MINIMUM YIELD POINT OF 50,000 PSI.

MATERIAL PROPERTIES OF COLD FORMED LIGHT GAGE STEEL MEMBERS CONFORM TO ASTM-A792 GRADES D OR E WITH GRADE 55 MODIFIED WITH A MINIMUM YIELD POINT OF 57,000 PSI.

MATERIAL PROPERTIES OF ROOF/MALL SHEETING, BASE METAL CONFORM TO ASTM-A792 GRADES D OR E WITH MINIMUM YIELD POINTS OF 50,000 PSI AND 80,000 PSI RESPECTIVELY, AS REQUIRED BY DESIGN. COATING OF BASE METAL UTILIZED FOR BRACING CONFORMS TO ASTM A475. CABLE BRACING IS TO BE INSTALLED TO A TAUT CONDITION WITH ALL SLACK REMOVED.

ROD AND ANGLE UTILIZED FOR BRACING MEMBERS CONFORM TO ASTM A36.

STRUCTURAL JOINTS WILL BE ASSEMBLED IN ACCORDANCE WITH TURN-OF-NUT METHOD AS DESCRIBED IN THE ASSEMBLED AND THE FASTENERS TIGHTENED IN ACCORDANCE WITH TURN-OF-NUT METHOD AS DESCRIBED IN THE SPECIFICATION FOR STRUCTURAL JOINTS USING A.S.T.M. A-325 OR A-490 BOLTS (11-13-88), UNLESS OTHERWISE NOTED. ALL JOINTS WILL BE ASSEMBLED WITHOUT WASHERS UNLESS OTHERWISE NOTED.

ALL STEEL MEMBERS EXCEPT BOLTS, FASTENERS AND CABLE SHALL RECEIVE ONE SHOP COAT OF IRON OXIDE CORROSION INHIBITIVE PRIMER, MEETING THE PERFORMANCE REQUIREMENTS OF TYP-636.

SHOP AND FIELD INSPECTIONS AND ASSOCIATED FEES ARE THE RESPONSIBILITY OF THE CONTRACTOR, UNLESS STIPULATED OTHERWISE IN THE CONTRACT.

THE METAL BUILDING MANUFACTURER WILL IDENTIFY PRIMARY STRUCTURAL STEEL WITH A MINIMUM YIELD POINT GREATER THAN 35,000 PSI BY MEANS OF A STICKER NEAR THE ERECTION MARK ON EACH SHIPPED PIECE. SECONDARY MEMBERS WITH A YIELD POINT EQUAL TO OR GREATER THAN 33,000 PSI SHALL BE IDENTIFIED BY MEANS OF A STICKER NEAR THE ERECTION MARK ON EACH SHIPPED PIECE. (THIS IS IN ACCORDANCE TO THE 1997 UBC SECTION 2203, SUB-SECTION 2203.2 AND 2203.3.)

**SAFETY COMMITMENT**

THE BUILDING MANUFACTURER HAS A COMMITMENT TO MANUFACTURE QUALITY BUILDING COMPONENTS THAT CAN BE SAFELY ERECTED. HOWEVER, THE SAFETY COMMITMENT AND JOB SITE PRACTICES OF THE ERECTOR ARE BEYOND THE CONTROL OF THE BUILDING MANUFACTURER.

IT IS STRONGLY RECOMMENDED THAT SAFE WORKING CONDITIONS AND ACCIDENT PREVENTION PRACTICES BE THE TOP PRIORITY OF ANY JOB SITE.

LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS SHOULD ALWAYS BE FOLLOWED TO HELP INSURE WORKER SAFETY.

MAKE CERTAIN ALL EMPLOYEES KNOW THE SAFEST AND MOST PRODUCTIVE WAY OF ERECTING A BUILDING. EMERGENCY PROCEDURES SHOULD BE KNOWN TO ALL EMPLOYEES.

DAILY MEETINGS HIGHLIGHTING SAFETY PROCEDURES ARE ALSO RECOMMENDED. THE USE OF HARD HATS, RUBBER SOLE SHOES FOR ROOF WORK, PROPER EQUIPMENT FOR HANDLING MATERIAL, AND SAFETY NETS WHERE APPLICABLE, ARE RECOMMENDED.

**BUILDING DESCRIPTION:**

Bldg. Size	Width	Length	Height	Roof Pitch	Left	Right
MAIN BLDG	24	144	9.5	0.5:12	Seathing	Seathing

BASE CONDITION	SECTIONS	WALL TYPE	TRUSS	ROOF TYPE	TRUSS	WALL TYPE	TRUSS	WALL TYPE
20 0a	SR	NEED COLOR	WALL	ROOF TYPE	TRUSS	WALL TYPE	TRUSS	WALL TYPE
20 0a	SR	Light Stone						

TYPE SEAL	20 0a	TRUSS (1/2" ROF INETS AT SPICES)	20 0a	ROOF	MEMBER WALL #12 SELF BRACKER )	20 0a	STITCH ROOF	ANCHOR BOLTS
1/2" X 1/2"	20 0a	NEED COLOR	RAVE	NEED COLOR	MEMBER WALL #12 SELF BRACKER ) <td>20 0a</td> <td>STITCH WALL <td>ANCHOR BOLTS</td> </td>	20 0a	STITCH WALL <td>ANCHOR BOLTS</td>	ANCHOR BOLTS
1"	20 0a	NEED COLOR	RAVE	NEED COLOR	GUTTER TO ROOF:	20 0a	STITCH	BY OTHERS
VARIOUS	20 0a	NEED COLOR	GUTTER	NEED COLOR	GUTTER TO ROOF:	20 0a	STITCH	BY BLDG MANUFACTURER
ULL 90	YES NO	20 0a	NEED COLOR	DOWN	CORNER TRIM	20 0a	STITCH	
30 RR ROOF	YES NO	20 0a	NEED COLOR	CORNER	ADDITIONAL FEATURES:	20 0a	RAVE ANGLE	
30 RR WALL	YES NO	20 0a	NEED COLOR	ACCESS				

**BUILDING LOADS**

THIS IS TO CERTIFY THAT THIS STRUCTURE IS DESIGNED UTILIZING THE LOADS INDICATED AND APPLIED AS REQUIRED BY THE FOLLOWING:

THIS CERTIFICATION IS LIMITED TO THE STRUCTURAL DESIGN OF THE FRAMING AND COVERING PARTS MANUFACTURED BY THE BUILDING MANUFACTURER AND AS SPECIFIED IN THE CONTRACT. ACCESSORY ITEMS SUCH AS DOORS, WINDOWS, LOUVERS, TRANSPARENT PANELS, VENTILATORS ARE NOT INCLUDED. ALSO EXCLUDED ARE OTHER PARTS OF THE PROJECT NOT PROVIDED BY THE BUILDING MANUFACTURER SUCH AS FOUNDATIONS, MASONRY WALLS, MECHANICAL EQUIPMENT AND THE ERECTION AND INSPECTION OF THE BUILDING. THE BUILDING SHOULD BE ERECTED ON A PROPERLY DESIGNED FOUNDATION IN ACCORDANCE WITH THE BUILDING MANUFACTURER'S DESIGN MANUAL, THE ATTACHED DRAWINGS, AND GOOD ERECTION PRACTICES.

THE CONTRACTOR AND/OR ENGINEER OF RECORD IS TO CONFIRM THAT THESE LOADS COMPLY WITH REQUIREMENTS OF THE LOCAL BUILDING DEPT.

ROOF DEAD LOAD 2 PSF ( FOR ROOF PANELS AND PURLINS )

ROOF LIVE LOAD 1 PSF

COLLATERAL DEAD LOAD 1 PSF

PRIMARY FRAMING 0 PSF

SECONDARY FRAMING 20 PSF

ADJUNCTIVE LIVE LOAD 0 PSF

GROUND SNOW LOAD 0 PSF ( C<sub>s</sub> = -- )

ROOF SNOW LOAD 0 PSF

WIND LOAD 110 MPH, EXPOSURE B

SEISMIC: A<sub>s</sub> = --, A<sub>v</sub> = --

Seismic Hazard Exposure Group --

Seismic Performance Category --

Site Coefficient --

S<sub>1</sub> = --

S<sub>2</sub> = --

Site Class: D

Design Category: Seismic Zone --

C<sub>d</sub> = --

**DRAWING INDEX**

PAGE	DESCRIPTION
C1	COVER SHEET
F1	ANCHOR BOLT PLAN
F2	FLOOR PLAN
E1	ROOF FRAMING PLAN
E2	ENDWALL FRAMING/SHEETING
E3	SIDEWALL FRAMING/SHEETING
E4	SIDEWALL FRAMING/SHEETING
E5	PARTITION FRAMING/SHEETING

IMPORTANCE FACTORS	0.87	Basic Structural System - Dual system with ordinary moment frames of steel & concentrically braced frames
WIND LOAD	0.87	
SNOW LOAD	1.00	
SEISMIC LOAD	1.00	
MEZZANINE LOADS	N/A	
LIVE LOAD	N/A	
DEAD LOAD	N/A	
CRANE INFORMATION	N/A	

**CHANDER P. NANGIA PE**  
 7423 HOLLOW RIDGE DR.  
 HOUSTON, TX 77095  
 FLORIDA PE # 21938

DRAWING STATUS		DRAWING STATUS/REVISIONS		WWW.UNITEDSTEELBUILDING.COM	
NO.	DATE	DESCRIPTION	BY	DATE	DESCRIPTION
A	8/13/07	FOR PERMIT	DUJ		

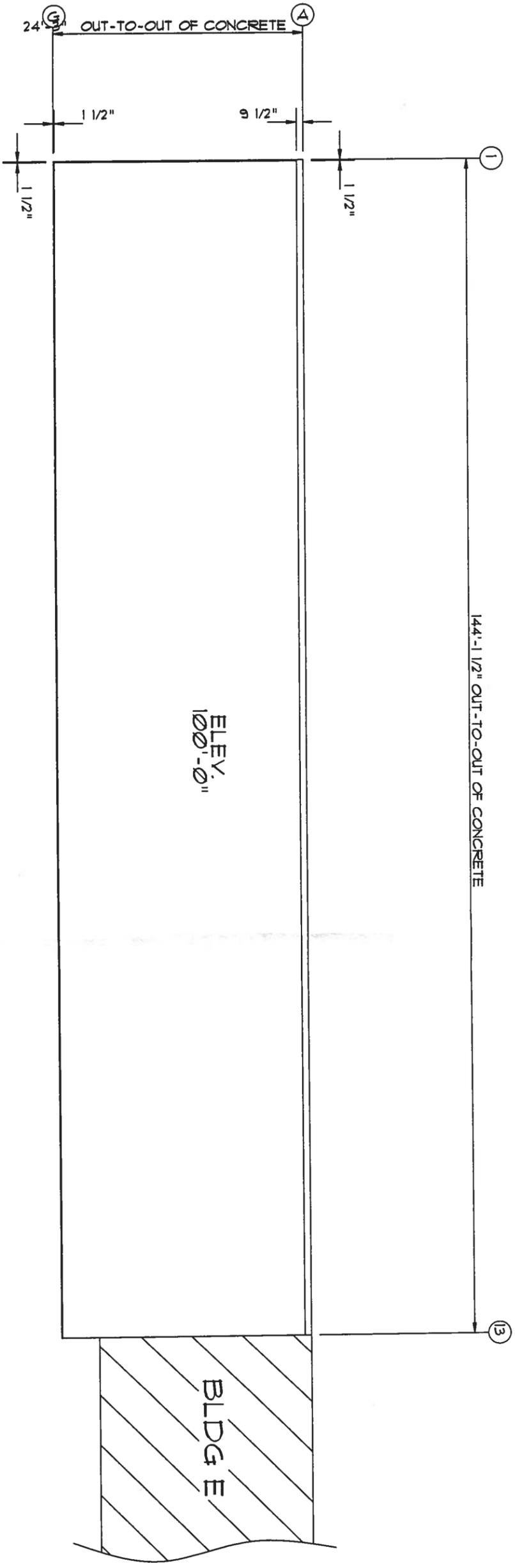
  

DESCRIPTION	DATE	BY
FOR APPROVAL	8/13/07	DUJ
FOR PERMIT	8/13/07	DUJ

2700 West Cypress Creek Rd  
 Ft. Lauderdale, FL 33309  
 Office: 1-888-448-6996

DATE: 8/13/07  
 JOB NUMBER: 06014720  
 DRAWING NUMBER: C1

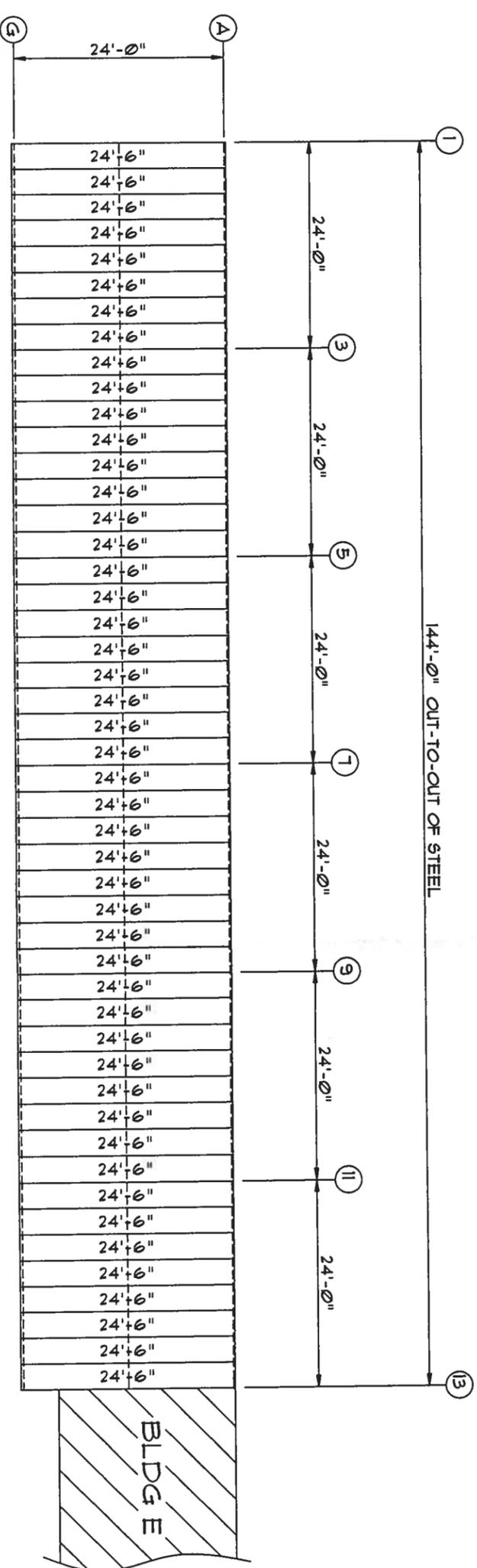
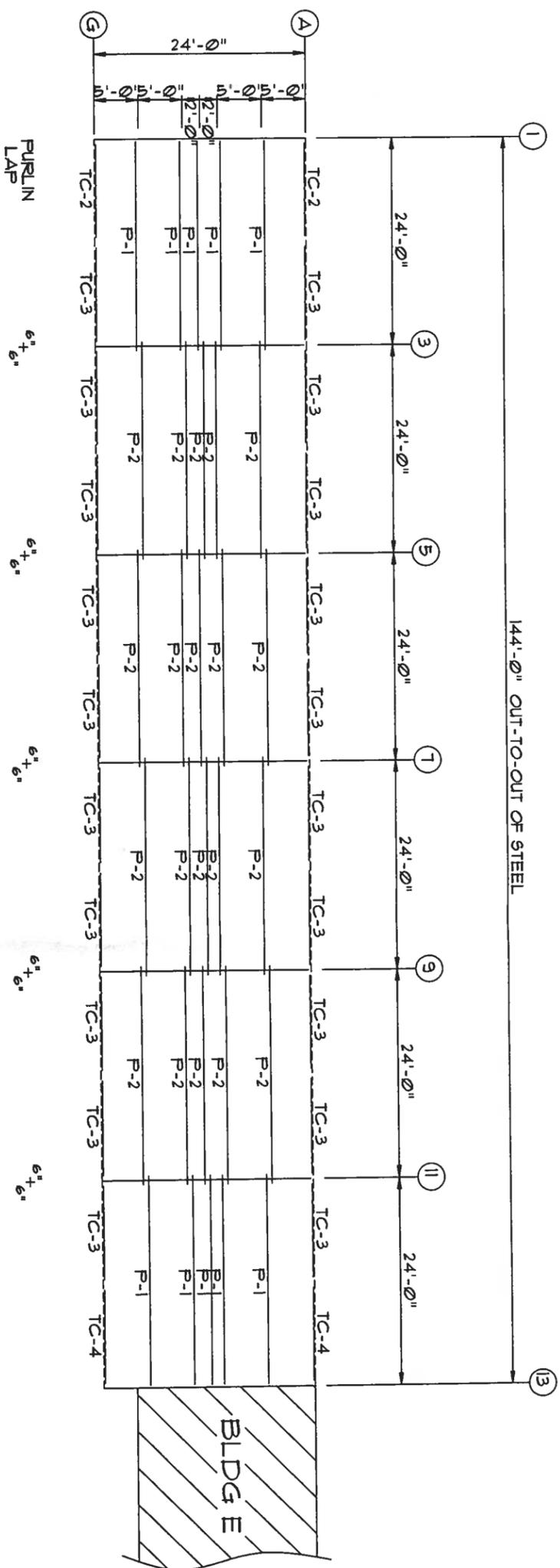


ANCHOR PLAN

*WMB*  
 8/13/07

W W W. UNITED STEEL BUILDING.COM 2700 W Cypress Creek Rd. Ft. Lauderdale, FL 33309 Phone: 888-448-6963	
DESCRIPTION:	BLDG SIZE: 24'-0" x 144'-0" x 9'-6"
CUSTOMER:	North Florida Exteriors
LOCATION:	Lake City, FL 32025
DATE:	8/13/07
JOB NUMBER:	06014720
SCALE:	N.T.S.
DRAWING NUMBER:	F1

MEMBER TABLE		
MARK	PART	LENGTH
TC-2	4X20016	145'0000
TC-3	4X20016	144'0000
TC-4	4X20016	143'0000
P-1	4X25Z16	293'1500
P-2	4X25Z16	300'0000



ROOF SHEETING & TRIM  
 PANELS: 26 GA. 5X - NEED COLOR

WWW.UNITEDSTEELBUILDING.COM

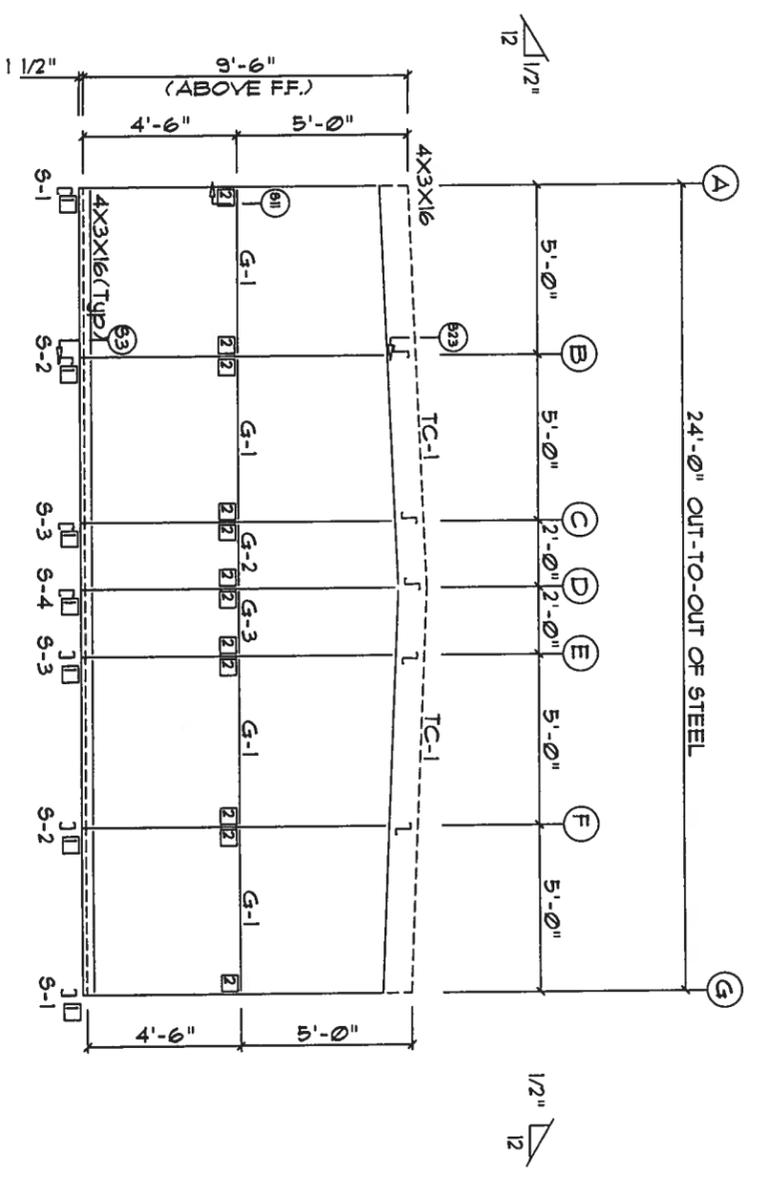
2700 W Cypress Creek Rd.  
 Ft. Lauderdale, FL 33309  
 Phone: 888-448-6963

*W. J. ...*  
 AUG 15 2007

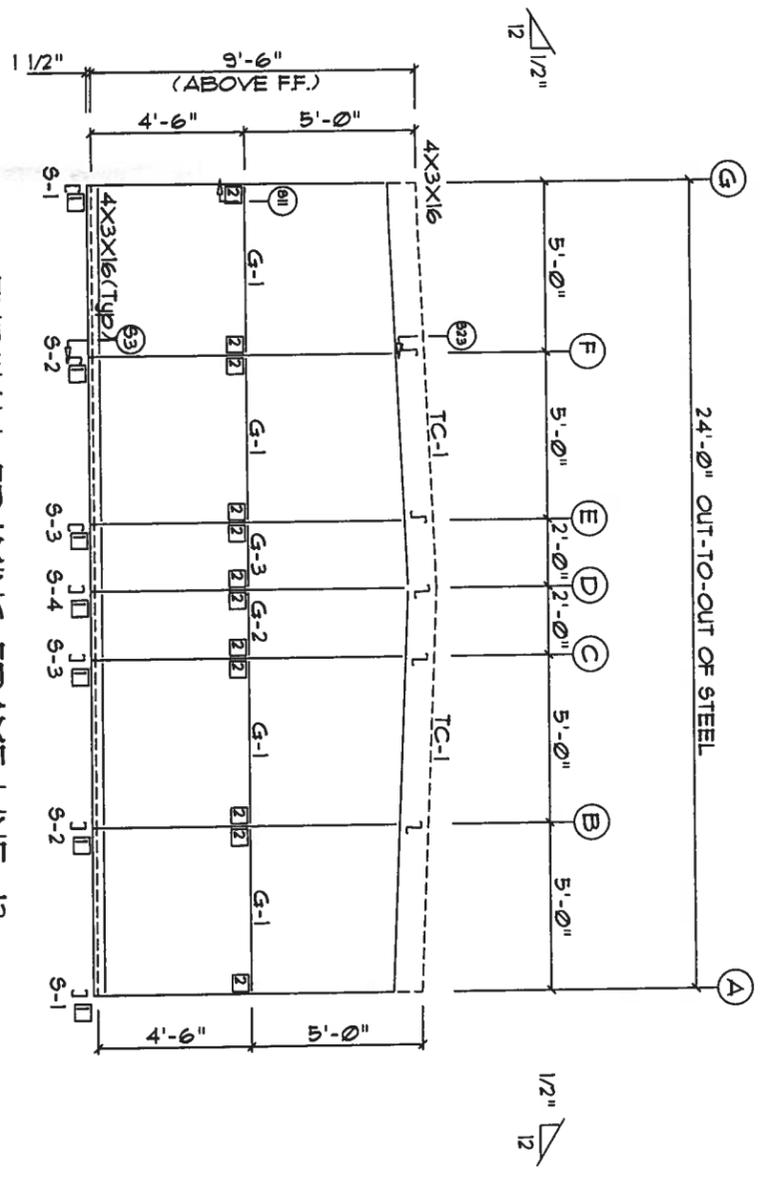
DESCRIPTION: ROOF DRAWING	DATE: 8/13/07	REVISION:
BLDG SIZE: 24'-0" x 144'-0" x 9'-6"	JOB NUMBER: 0601472D	
CUSTOMER: North Florida Extiors	SCALE: N.T.S.	DRAWING NUMBER: E1
LOCATION: Lake City, FL 32025		

MARK	PART	LENGTH
G-1	4X25C16	9'-6"
G-2	4X25C16	9'-4 1/4"
G-3	4X25C16	9'-6 3/4"
G-4	4X25C16	9'-7 3/4"
TC-1	4X25C16	12'-0" 1/8"
G-1	4X25C16	4'-9"
G-2	4X25C16	1'-9"
G-3	4X25C16	1'-6 1/2"

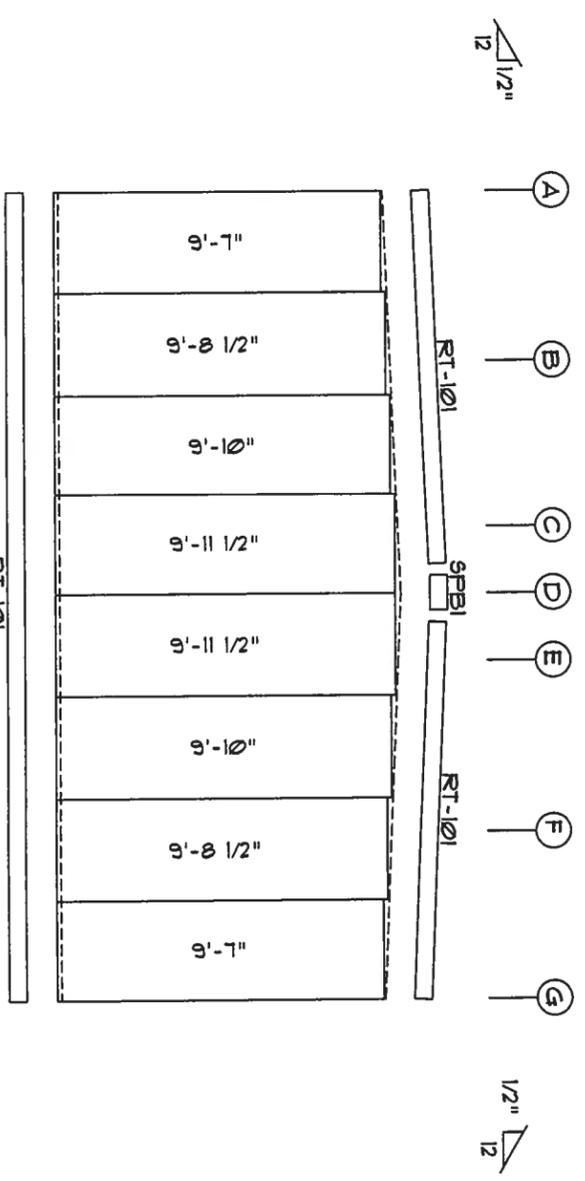
CONNECTION PLATES	
QID	MARK/PART
1	BC1
2	MC1



ENDWALL FRAMING FRAME LINE: 1

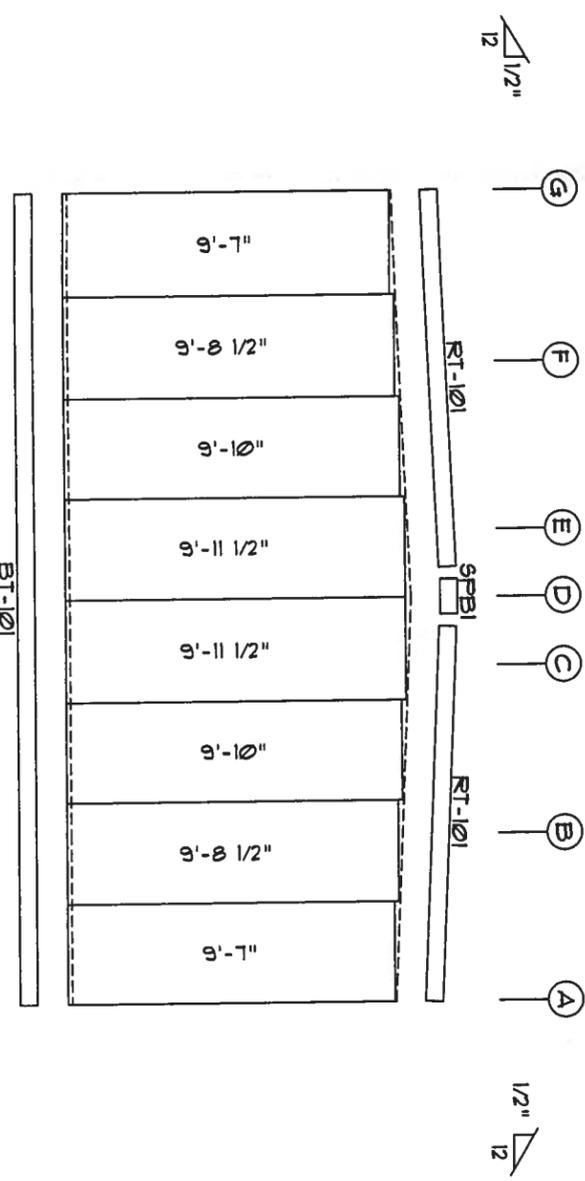


ENDWALL FRAMING FRAME LINE: 13



ENDWALL SHEETING & TRIM FRAME LINE: 1

PANELS: 26 Ga. 5X - Light Stone



ENDWALL SHEETING & TRIM FRAME LINE: 13

PANELS: 26 Ga. 5X - Light Stone

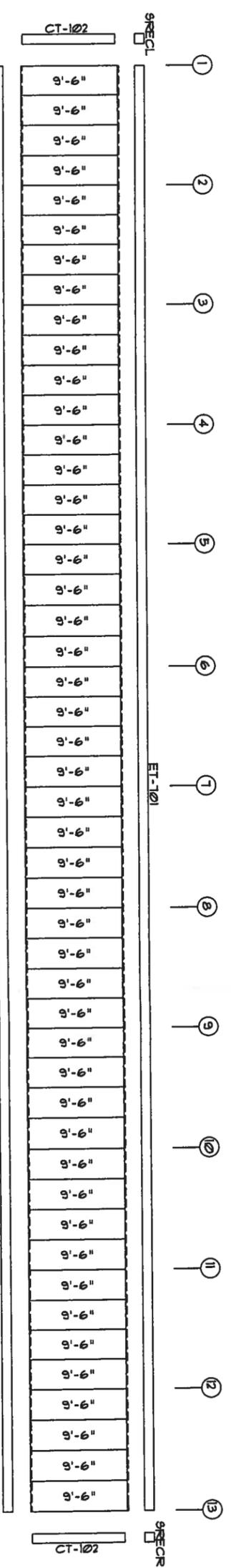
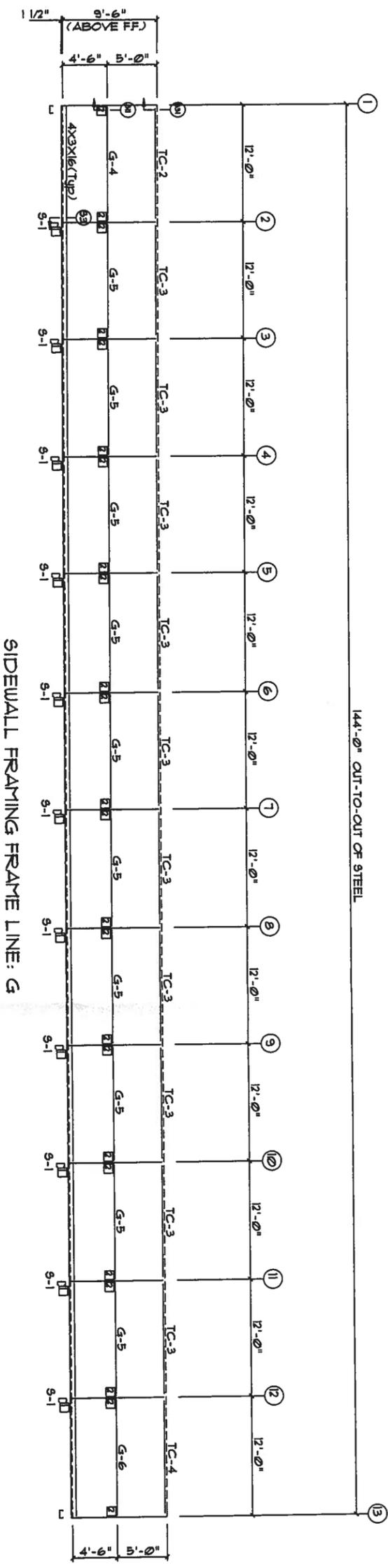
*WWS*  
AUG 15 2001

WWW.UNITEDSTEELBUILDING.COM  
 2700 W Cypress Creek Rd.  
 Ft. Lauderdale, FL 33309  
 Phone: 888-448-6963

DESCRIPTION: ENDWALL DRAWING	DRAWN BY:	REVISION:
BLDG SIZE: 24'-0" x 144'-0" x 9'-6"	DATE: 8/13/07	
CUSTOMER: North Florida Extiors	JOB NUMBER: 06014720	
LOCATION: Lake City, FL 32025	SCALE: N.T.S.	DRAWING NUMBER: E2

MEMBER TABLE		
MARK	PART	LENGTH
S-1	4X25C16	9'-6"
TC-2	4X20016	12'-1"
TC-3	4X20016	12'-0"
TC-4	4X20016	11'-11"
G-4	4X25C16	11'-7 1/2"
G-5	4X25C16	11'-9"
G-6	4X25C16	11'-5"

CONNECTION PLATES	
D/D	MARK/PART
1	BCI
2	MCI



SIDEWALL SHEETING & TRIM FRAME LINE: G  
 PANELS: 26 GA. SX - Light Stone

*WVF*  
 AUG 15 2007

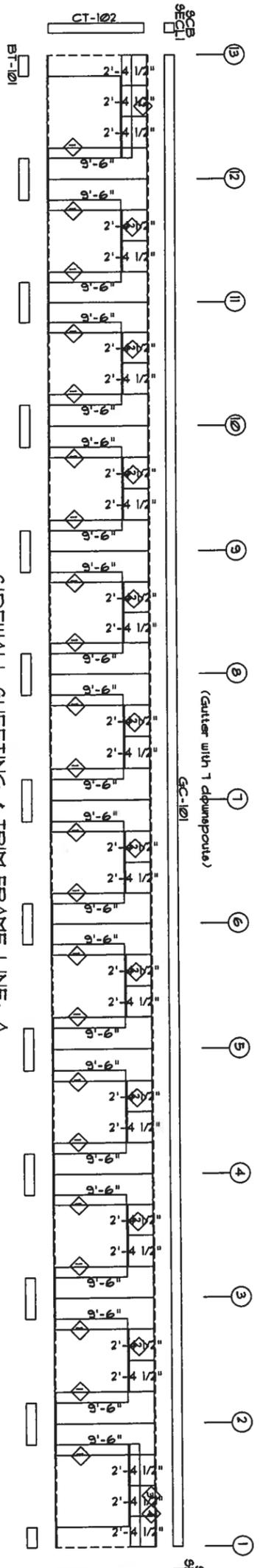
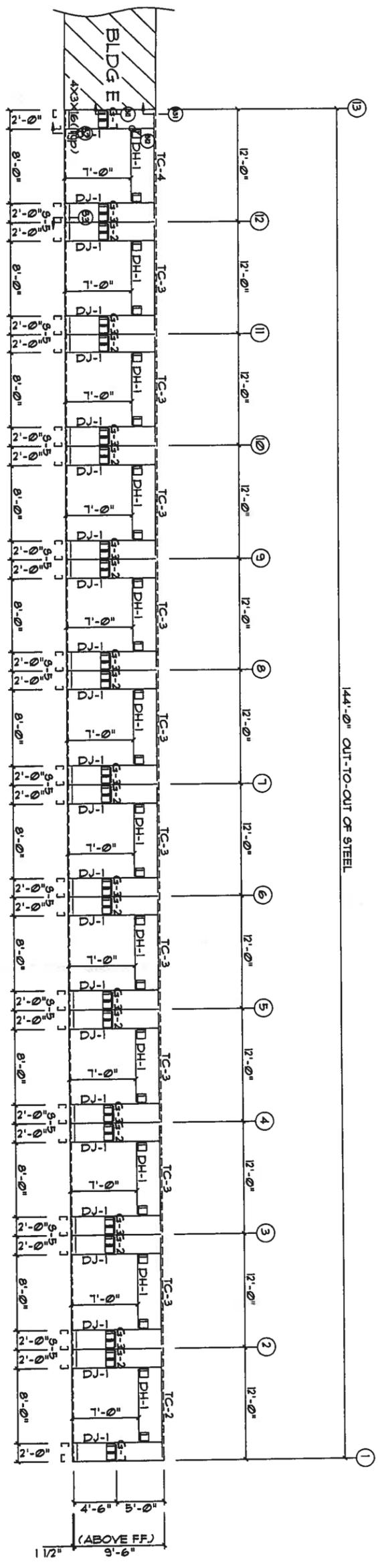
WWW.UNITEDSTEELBUILDING.COM  
 2700 W Cypress Creek Rd.  
 Ft. Lauderdale, FL 33309  
 Phone: 888-448-6963

DESCRIPTION: SIDEWALL DRAWING	DATE: 8/13/07	REVISION:
BUDG SIZE: 24'-0" x 144'-0" x 9'-6"	JOB NUMBER: 06014720	DRAWING NUMBER: E3
CUSTOMER: North Florida Extiors	SCALE: N.T.S.	
LOCATION: Lake City, FL 32025		

MARK	PART	LENGTH
S-5	4X25C16	9'-7 1/2"
DJ-1	4X25C16	9'-7 1/2"
TC-2	4X200I6	12'-1"
TC-3	4X200I6	12'-0"
TC-4	4X200I6	11'-11"
DH-1	4X25C16	8'-0"
G-2	4X25C16	1'-9"
G-3	4X25C16	1'-6 1/2"
G-7	4X25C16	1'-5"

TRIM TABLE	OID MARK	LENGTH
1	JT-101	1'-3"
2	HT-101	8'-6"
3	HT-101	5"
4	HT-101	10'-2"

CONNECTION PLATES	OID MARK/PART
1	MCI

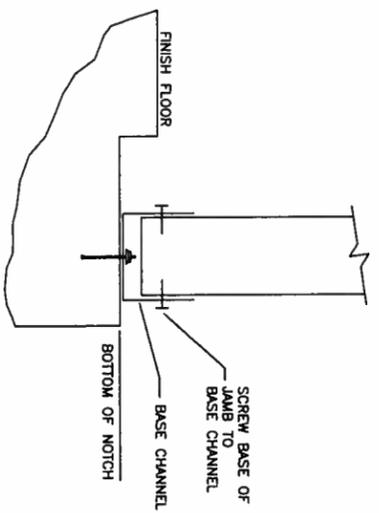


*WWS*  
AUG 15 2001

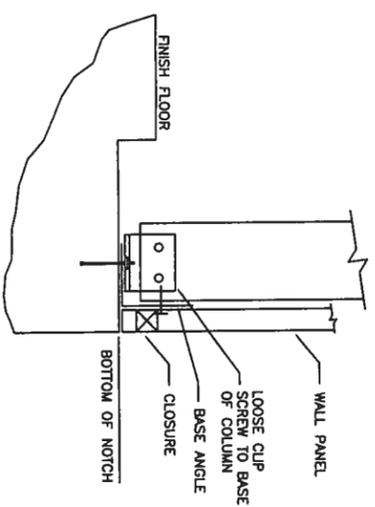
WWW.UNITEDESTEEELBUILDING.COM  
2700 W Cypress Creek Rd.  
Ft. Lauderdale, FL 33309  
Phone: 888-448-6963

DESCRIPTION: SIDEWALL DRAWING  
BLDG SIZE: 24'-0" x 144'-0" x 9'-6"  
CUSTOMER: North Florida Exteriors  
LOCATION: Lake City, FL, 32025

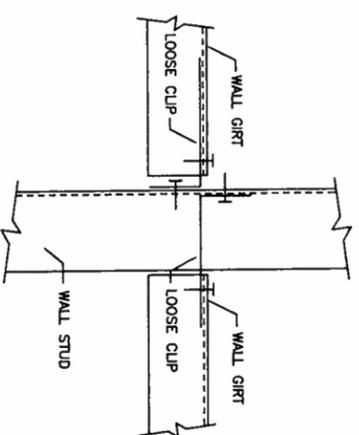
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JOB NUMBER: 06014720  
SCALE: N.T.S.  
DRAWING NUMBER: E4



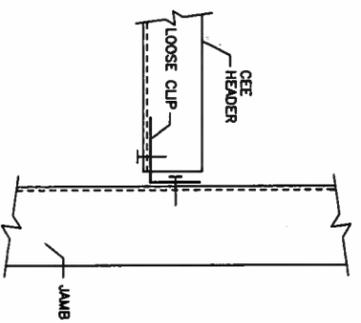
S2 BASE OF SIDEWALL OR ENDWALL WITH CHANNEL



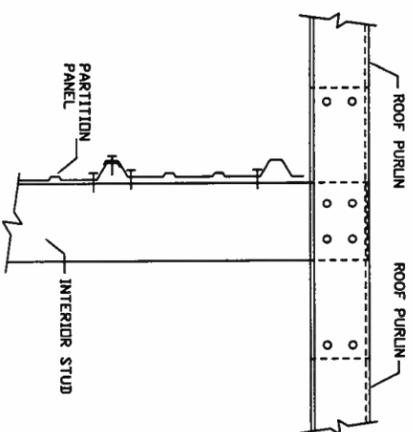
S3 BASE OF SIDEWALL OR ENDWALL WITH ANGLE



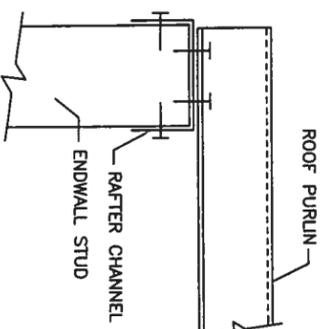
S11 JAMB OR COLUMN TO GIRT



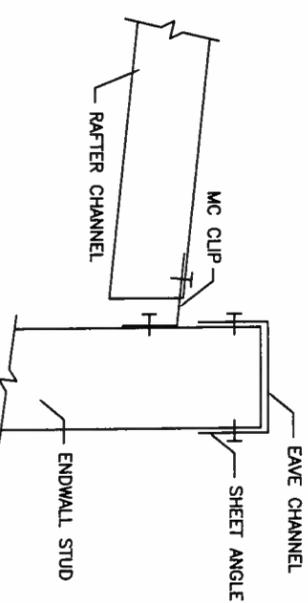
S12 HEADER TO JAMB



S22 INTERIOR COLUMN TO PURLIN (WITHOUT RAFTER)



S23 ENDWALL COLUMN/JAMB TO PURLIN WITH RAFTER



S31 INTERIOR RAFTER TO SIDEWALL COLUMN WITHOUT EAVE STRUT

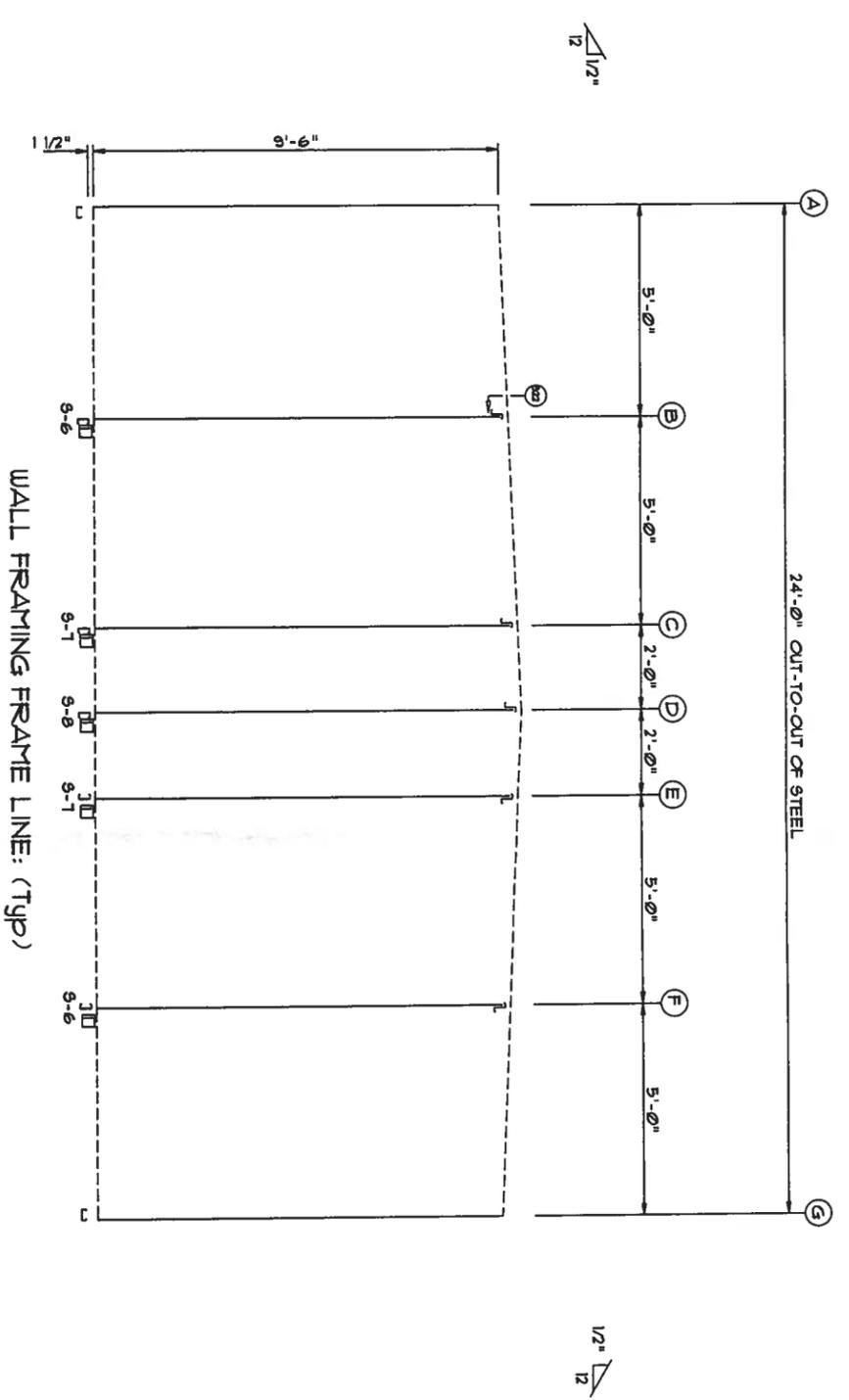
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 2700 W Cypress Creek Rd.  
 Ft. Lauderdale, FL 33309  
 Phone: 888-448-6963

APR 5 2008

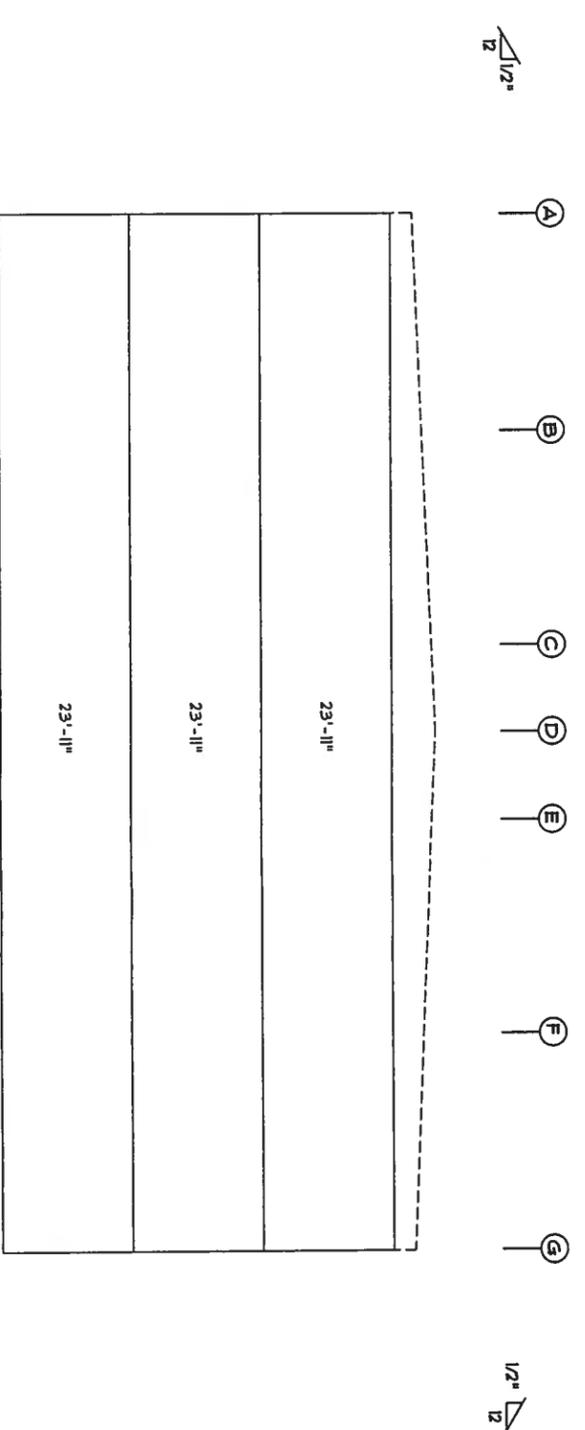
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BEDG. SIZE: 24'-0" x 144'-0" x 9'-6"	DATE: 8/13/07	
CUSTOMER: North Florida Exteriors	JOB NUMBER: 0601472D	
LOCATION: Lake City, FL, 32025	SCALE: N.T.S.	DRAWING NUMBER: D1



REVISION TABLE	
NO.	DESCRIPTION
1	ISSUED FOR PERMIT
2	CONNECTION PLATES
3	ADD
4	REMOVE
5	CHANGE
6	REWORK
7	REVISION



WALL FRAMING FRAME LINE: (Typ)



WALL SHEETING & TRIM FRAME LINE: (Typ)

PANELS: 29 GA. SP - NEED COLOR

*W. W. United Steel Building, CDM*  
**AUG 15 2007**

DESCRIPTION: PARTITION-DRAWING		REVISION:
BLDG SIZE: 24'-0" x 144'-0" x 9'-6"	DATE: 8/13/07	
CUSTOMER: North Florida Extiors	JOB NUMBER: 0601472D	
LOCATION: Lake City, FL, 32025	SCALE: N.T.S.	DRAWING NUMBER: E5

W W. UNITED STEEL BUILDING.COM  
 2700 W Cypress Creek Rd.  
 Ft. Lauderdale, FL 33309  
 Phone: 888-448-6963

**BUILDER / CONTRACTOR RESPONSIBILITIES**

IT IS THE RESPONSIBILITY OF THE BUILDER/CONTRACTOR TO INSURE THAT ALL PROJECT PLANS AND SPECIFICATIONS COMPLETELY WITH THE APPLICABLE REQUIREMENTS OF ANY GOVERNING BUILDING AUTHORITIES. THE SUPPLYING OF SEALED ENGINEERING DATA AND DRAWINGS FOR THE METAL BUILDING SYSTEM DOES NOT IMPLY OR CONSTITUTE AN AGREEMENT THAT THE BUILDING MANUFACTURER OR ITS DESIGN ENGINEER IS ACTING AS THE ENGINEER OF RECORD OR DESIGN PROFESSIONAL FOR A CONSTRUCTION PROJECT.

THE CONTRACTOR MUST SECURE ALL REQUIRED APPROVALS AND PERMITS FROM THE APPROPRIATE AGENCY AS REQUIRED.

APPROVAL OF THE MANUFACTURER'S DRAWINGS AND CALCULATIONS INDICATE THAT THE BUILDING MANUFACTURER CORRECTLY INTERPRETED AND APPLIED THE REQUIREMENTS OF THE CONTRACT DRAWINGS AND SPECIFICATIONS.

(SECT. 4.2.1 AISC CODE OF STANDARD PRACTICES, 9TH ED.)

WHERE DISCREPANCIES EXIST BETWEEN THE MANUFACTURER'S STRUCTURAL STEEL PLANS AND THE PLANS FOR OTHER TRADES, THE STRUCTURAL STEEL PLANS SHALL GOVERN. (SECT. 3.3 AISC CODE OF STANDARD PRACTICE 9TH ED.)

DESIGN CONSIDERATIONS OF ANY MATERIALS IN THE STRUCTURE WHICH ARE NOT FURNISHED BY THE BUILDING MANUFACTURER ARE THE RESPONSIBILITY OF THE CONTRACTORS AND ENGINEERS OTHER THAN THE BUILDING MANUFACTURER'S ENGINEERS UNLESS SPECIFICALLY INDICATED.

THE CONTRACTOR IS RESPONSIBLE FOR ALL ERECTION OF STEEL AND ASSOCIATED WORK IN COMPLIANCE WITH THE BUILDING MANUFACTURER'S FOR CONSTRUCTION DRAWINGS.

PRODUCTS SHIPPED TO BUILDER OR HIS CUSTOMER SHALL BE INSPECTED BY BUILDER IMMEDIATELY UPON ARRIVAL. CLAIMS FOR SHORTAGES OR DEFECTIVE MATERIAL IF NOT PACKAGED MUST BE MAILED TO THE MANUFACTURER IN WRITING WITHIN FIVE (5) DAYS AFTER RECEIPT OF THE SHIPMENT. HOWEVER, IF A DEFECT IS OF SUCH A NATURE THAT REASONABLE VISUAL INSPECTION WOULD FAIL TO DISCLOSE IT, THEN THE CLAIM MUST BE MADE WITHIN FIVE (5) DAYS AFTER THE BUILDER LEARNS OF THE DEFECT. THE MANUFACTURER WILL NOT BE LIABLE FOR ANY DEFECT UNLESS CLAIM IS MADE WITHIN ONE (1) YEAR AFTER DATE OF THE ORIGINAL SHIPMENT BY THE MANUFACTURER TO BUILDER OR HIS CUSTOMER. THE MANUFACTURER WILL BE GIVEN A REASONABLE OPPORTUNITY TO INSPECT DEFECTIVE MATERIALS UPON RECEIPT OF CLAIM BY BUILDER.

IF A DEFECT IS OF SUCH NATURE THAT IT CAN BE REMEDIED BY A FIELD OPERATION AT THE JOB SITE WITHOUT THE NECESSITY OF RETURNING THE MATERIAL TO THE MANUFACTURER, THEN UPON WRITTEN AUTHORIZATION OF THE MANUFACTURER THE BUILDER MAY REPAIR OR CAUSE THE MATERIAL TO BE REPAIRED AND THE MANUFACTURER WILL REIMBURSE THE BUILDER FOR THE COST OF THE REPAIR IN ACCORDANCE WITH THE WRITTEN AUTHORIZATION.

ALL BRACING AS SHOWN AND PROVIDED BY THE MANUFACTURER FOR THIS BUILDING IS REQUIRED AND SHALL BE INSTALLED BY THE ERECTOR AS A PERMANENT PART OF THE STRUCTURE.

TEMPORARY SUPPORTS, SUCH AS TEMPORARY GUYS, BRACES, FALSE WORK, CRIBBING OR OTHER ELEMENTS REQUIRED FOR THE ERECTION OPERATION WILL BE DETERMINED AND INSTALLED BY THE ERECTOR. THESE TEMPORARY SUPPORTS WILL SECURE THE STEEL FRAMING, OR ANY PARTLY ASSEMBLED STEEL FRAMING, AGAINST LOADS COMPARABLE IN INTENSITY TO THOSE FOR WHICH THE STRUCTURE WAS DESIGNED, RESULTING FROM WIND, SEISMIC FORCES AND ERECTION OPERATIONS, BUT NOT THE LOADS RESULTING FROM THE PERFORMANCE OF WORK BY OR THE ACTS OF OTHERS, NOR SUCH UNPREDICTABLE LOADS AS THOSE DUE TO TORNADO, EXPLOSION OR COLLISION. (SECT. 7.9.1 AISC CODE OF STANDARD PRACTICES, 9TH ED.)

DESIGN OF GUTTER AND DOWNSPOUT IS A FUNCTION OF THE RAINFALL INTENSITY AND AREA TO BE DRAINED. DESIGN PARAMETERS UTILIZED ARE IN ACCORDANCE WITH THE 1988 LOW RISE BUILDING SYSTEMS MANUAL AND/OR THE 9TH EDITION OF THE ARCHITECTURAL GRAPHIC STANDARDS, AS APPLICABLE. PROPER OWNER MAINTENANCE DICTATES THAT THE DRAINAGE SYSTEM BE KEPT FREE AND CLEAR OF DEBRIS AND/OR ICE AT ALL TIMES TO ENSURE PROPER FUNCTION OF THE GUTTER AND DOWNSPOUT. IN THOSE CASES WHERE THE OWNER/TENANT OF A PROPERTY IS UNWILLING OR UNABLE TO PROVIDE PROPER MAINTENANCE, ELIMINATION OF GUTTER SHOULD BE CONSIDERED AS AN ALTERNATIVE.

**PRODUCT CERTIFICATIONS**

THE BUILDING MANUFACTURER IS A MEMBER OF THE METAL BUILDING MANUFACTURERS ASSOCIATION. THE BUILDING MANUFACTURER'S FABRICATION AND PRODUCTS ARE COVERED BY ONE OR MORE OF THE FOLLOWING CERTIFICATIONS:

1. APPROVED FABRICATOR OF PREFABRICATED BUILDINGS AND COMPONENTS. REFERENCE ICBO REPORT NO. FA-337
2. SBOCI COMPLIANCE REPORT NO. 9461A
3. AISC METAL BUILDING CERTIFICATION PROGRAM
4. CITY OF HOUSTON APPROVED FABRICATOR (REGISTRATION NO. 164)
5. WISCONSIN PRODUCT APPROVAL NUMBER 950073-M
6. CLARK COUNTY, NEVADA APPROVED FABRICATOR
7. CITY OF LOS ANGELES, CALIFORNIA APPROVED TYPE 1 FABRICATOR (LA#1604)
8. CANADIAN WELDING BUREAU CERTIFICATION TO CSA STANDARD W47.1 IN DIVISION 1 (SYMBOL PY72(HOUSTON, TX))
9. TEXAS DEPT. OF INSURANCE PRODUCT EVALUATION RC-34

**APPROVAL NOTES**

THE FOLLOWING CONDITIONS APPLY IN THE EVENT THAT THESE DRAWINGS ARE USED AS APPROVAL DRAWINGS:

- A) IT IS IMPERATIVE THAT ANY CHANGES TO THESE DRAWINGS:
  - 1) BE MADE IN CONTRASTING INK.
  - 2) HAVE ALL INSTANCES OF CHANGE CLEARLY INDICATED.
  - 3) BE LEGIBLE AND UNAMBIGUOUS.
- B) DATED SIGNATURE IS REQUIRED ON ALL PAGES.
- C) MANUFACTURER RESERVES THE RIGHT TO RE-SUBMIT DRAWINGS WITH EXTENSIVE OR COMPLEX CHANGES REQUIRED TO AVOID MISFABRICATION. THIS MAY IMPACT THE DELIVERY SCHEDULE.
- D) APPROVAL OF THESE DRAWINGS INDICATES CONCLUSIVELY THAT THE MANUFACTURER HAS CORRECTLY INTERPRETED THE CONTRACT REQUIREMENTS, AND FURTHER CONSTITUTES AGREEMENT THAT THE BUILDING AS DRAWN, OR AS DRAWN WITH INDICATED CHANGES REPRESENTS THE TOTAL OF THE MATERIALS TO BE SUPPLIED BY MANUFACTURER.
- E) ANY CHANGES NOTED ON THE DRAWINGS NOT IN CONFORMANCE WITH THE TERMS AND REQUIREMENTS OF THE CONTRACT BETWEEN MANUFACTURER AND ITS CUSTOMER ARE NOT BINDING ON MANUFACTURER UNLESS SUBSEQUENTLY SPECIFICALLY ACKNOWLEDGED AND AGREED TO IN WRITING BY CHANGE ORDER OR SEPARATE DOCUMENTATION. MANUFACTURER RECOMMENDS THAT RUBBER STAMPS ARE ROUTINELY USED FOR INDICATING APPROVAL, DISAPPROVAL, REJECTION, OR MERE REVIEW OF THE DRAWINGS SUBMITTED. HOWEVER, MANUFACTURER DOES NOT ACCEPT CHANGES OR ADDITIONS TO CONTRACTUAL TERMS AND CONDITIONS THAT MAY APPEAR THROUGH USE OF A STAMP OR SIMILAR INDICATION OF APPROVAL, DISAPPROVAL, ETC. SUCH LANGUAGE APPLIED TO MANUFACTURER'S DRAWINGS BY THE CUSTOMER, ARCHITECT, ENGINEER, OR ANY OTHER PARTY WILL BE CONSIDERED AS UNACCEPTABLE ALTERATIONS TO THESE DRAWING NOTES, AND WILL NOT ALTER THE CONTRACTUAL RIGHTS AND OBLIGATIONS EXISTING BETWEEN MANUFACTURER AND ITS CUSTOMER.

**GENERAL NOTES**

THE STRUCTURE UNDER THIS CONTRACT HAS BEEN DESIGNED AND DETAILED FOR THE LOADS AND CONDITIONS STIPULATED IN THE CONTRACT AND SHOWN ON THESE DRAWINGS. ANY ALTERATIONS TO THE STRUCTURAL SYSTEM OR REMOVAL OF ANY COMPONENT PARTS, OR THE ADDITION OF OTHER CONSTRUCTION MATERIALS OR LOADS MUST BE DONE UNDER THE ADVICE AND DIRECTION OF A REGISTERED ARCHITECT, CIVIL OR STRUCTURAL ENGINEER. THE BUILDING MANUFACTURER WILL ASSUME NO RESPONSIBILITY FOR ANY LOADS NOT INDICATED.

THIS METAL BUILDING IS DESIGNED WITH THE BUILDING MANUFACTURER'S STANDARD PRACTICES WHICH ARE BASED ON PERMIT PROCEDURES AND RECOMMENDATIONS OF THE FOLLOWING ORGANIZATIONS AND CODES.

1. AMERICAN INSTITUTE OF STEEL CONSTRUCTION. "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS"
2. AMERICAN IRON AND STEEL INSTITUTE. "SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS"
3. AMERICAN WELDING SOCIETY. "STRUCTURAL WELDING CODE" AWS D1.1.
4. METAL BUILDING MANUFACTURER'S ASSOCIATION. "LOW RISE BUILDING SYSTEMS MANUAL"
5. INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS. "UNIFORM BUILDING CODE"
6. SOUTHERN BUILDING CODE CONGRESS INTERNATIONAL. "STANDARD BUILDING CODE"
7. BUILDING OFFICIAL AND CODE ADMINISTRATORS INTERNATIONAL. "BOCA NATIONAL BUILDING CODE"
8. NATIONAL BUILDING CODE OF CANADA.

MATERIAL PROPERTIES OF STEEL PLATE USED IN THE FABRICATION OF PRIMARY RIGID FRAMES, AND OTHER PRIMARY STRUCTURAL EXCLUSIVE OF COLD-FORMED SECTIONS, CONFORM TO ASTM-A529 OR A-572. FLANGES WITH THICKNESS OF ONE INCH OR LESS AND WIDTH OF 12 OR LESS CONFORM TO A-529 WITH A MINIMUM YIELD POINT OF 55,000 PSI. FLANGES GREATER THAN 1" IN THICKNESS OR 12" IN WIDTH CONFORM TO A-572 WITH A MINIMUM YIELD POINT OF 50,000 PSI. WEB MATERIAL CONFORMS TO ASTM-A36 MODIFIED WITH A MINIMUM YIELD POINT OF 46,000 PSI. MATERIAL PROPERTIES OF PIPE SECTIONS CONFORM TO ASTM-A53 TYPE E, GRADE B WITH A MINIMUM YIELD POINT OF 35,000 PSI.

MATERIAL PROPERTIES OF HOT ROLLED STEEL MEMBERS CONFORM TO THE REQUIREMENTS OF ASTM-A36 OR A572 WITH A MINIMUM YIELD POINT OF 50,000 PSI.

MATERIAL PROPERTIES OF COLD FORMED LIGHT GAGE STEEL MEMBERS CONFORM TO ASTM-A570 OR A607 GRADE 55 MODIFIED WITH A MINIMUM YIELD POINT OF 57,000 PSI.

MATERIAL PROPERTIES OF ROOF/WALL SHEETING, BASE METAL CONFORM TO ASTM-A792 GRADES D OR E WITH MINIMUM YIELD POINTS OF 50,000 PSI AND 80,000 PSI RESPECTIVELY, AS REQUIRED BY DESIGN. COATING OF BASE MATERIAL IS 55% ALUMINUM-ZINC ALLOY IN ACCORDANCE WITH A253 SPECIFICATIONS.

CABLE UTILIZED FOR BRACING CONFORMS TO ASTM A475. CABLE BRACING IS TO BE INSTALLED TO A TAUT CONDITION WITH ALL SLACK REMOVED.

ROD AND ANGLE UTILIZED FOR BRACING MEMBERS CONFORM TO ASTM A36.

STRUCTURAL JOINTS WITH A.S.T.M. A-325 HIGH STRENGTH BOLTS, WHERE INDICATED ON THE DRAWINGS, SHALL BE ASSEMBLED AND THE FASTENERS TIGHTENED USING A.S.T.M. A-325 OR A-490 BOLTS (11-13-95), UNLESS OTHERWISE NOTED. ALL JOINTS WILL BE ASSEMBLED WITHOUT WASHERS UNLESS OTHERWISE NOTED.

ALL STEEL MEMBERS EXCEPT BOLTS, FASTENERS AND CABLE SHALL RECEIVE ONE SHOP COAT OF IRON OXIDE CORROSION INHIBITIVE PRIMER, MEETING THE PERFORMANCE REQUIREMENTS OF TP-636.

SHOP AND FIELD INSPECTIONS AND ASSOCIATED FEES ARE THE RESPONSIBILITY OF THE CONTRACTOR, UNLESS STIPULATED OTHERWISE IN THE CONTRACT.

THE METAL BUILDING MANUFACTURER WILL IDENTIFY PRIMARY STRUCTURAL STEEL WITH A MINIMUM YIELD POINT GREATER THAN 36,000 PSI BY MEANS OF A STOKER NEAR THE ERECTION MARK ON EACH SHIPPED PIECE. SECONDARY MEMBERS WITH A YIELD POINT EQUAL TO OR GREATER THAN 33,000 PSI SHALL BE IDENTIFIED BY MEANS OF A STOKER NEAR THE ERECTION MARK ON EACH SHIPPED PIECE. (THIS IS IN ACCORDANCE TO THE 1997 UBC SECTION 2203, SUB-SECTION 2203.2 AND 2203.3.)

**SAFETY COMMITMENT**

THE BUILDING MANUFACTURER HAS A COMMITMENT TO MANUFACTURE QUALITY BUILDING COMPONENTS THAT CAN BE SAFELY ERECTED. HOWEVER, THE SAFETY COMMITMENT AND JOB SITE PRACTICES OF THE ERECTOR ARE BEYOND THE CONTROL OF THE BUILDING MANUFACTURER.

IT IS STRONGLY RECOMMENDED THAT SAFE WORKING CONDITIONS AND ACCIDENT PREVENTION PRACTICES BE THE TOP PRIORITY OF ANY JOB SITE.

LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS SHOULD ALWAYS BE FOLLOWED TO HELP INSURE WORKER SAFETY.

MAKE CERTAIN ALL EMPLOYEES KNOW THE SAFEST AND MOST PRODUCTIVE WAY OF ERECTING A BUILDING.

EMERGENCY PROCEDURES SHOULD BE KNOWN TO ALL EMPLOYEES.

DAILY MEETINGS HIGHLIGHTING SAFETY PROCEDURES ARE ALSO RECOMMENDED. THE USE OF HARD HATS, RUBBER SOLE SHOES FOR ROOF WORK, PROPER EQUIPMENT FOR HANDLING MATERIAL, AND SAFETY NETS WHERE APPLICABLE, ARE RECOMMENDED.

**BUILDING DESCRIPTION:**

Bldg. Size	Width	Length	Height	Roof Pitch	Left	Right
MAIN BLDG	20	100	9.5	0.5:12	Roofing	Roofing

**WARNING:** IN NO CASE SHOULD GALVALUME STEEL PANELS BE USED IN CONJUNCTION WITH LEAD OR COPPER. BOTH LEAD AND COPPER HAVE HARMFUL CORROSION EFFECTS ON THE ALUMINUM ZINC ALLOY COATING WHEN THEY ARE USED IN CONTACT WITH GALVALUME STEEL PANELS. EVEN RUN-OFF FROM COPPER FLASHING, WIRING, OR TUBING ONTO GALVALUME SHOULD BE AVOIDED.

BASE CONDITION	SEALING	ROOF	WALL	WALL TYPE	THICK	WIRE
20 0a	SR	NEED COLOR	WALL	BLANKET TYPE INSULATION		* ZINC COATED
20 0a	SR	Light Stone				

TYPE SEAL	THICK	(1/8" POP RIVETS AT SPICES)	ROOF	WALL	THICK	WIRE
3/8" x 1/2"	20 0a	NEED COLOR	RAVE	NEED COLOR	STITCH ROOF # 14 x 7/8	ANCHOR BOLTS
1"	20 0a	NEED COLOR	RAVE	NEED COLOR	STITCH WALL # 14 x 7/8	BY OTHERS

WARRANTIES	20 0a	NEED COLOR	GUTTER	STITCH	GUTTER STRIPS	STITCH
UL 90	YES NO	20 0a	NEED COLOR	DOWN	CORNER TRIM	MEMBER
30 YR ROOF	YES NO	20 0a	NEED COLOR	CORNER	ADDITIONAL FEATURES	
30 YR WALL	YES NO	20 0a	NEED COLOR	ACCESS		

**BUILDING LOADS**

THIS IS TO CERTIFY THAT THIS STRUCTURE IS DESIGNED UTILIZING THE LOADS INDICATED AND APPLIED AS REQUIRED BY THE LOCAL BUILDING DEPT.

THIS CERTIFICATION IS LIMITED TO THE STRUCTURAL DESIGN OF THE FRAMING AND COVERING PARTS MANUFACTURED BY THE BUILDING MANUFACTURER AND AS SPECIFIED IN THE CONTRACT. ACCESSORY ITEMS SUCH AS DOORS, WINDOWS, LOUVERS, TRANSPARENT PANELS, VENTILATORS ARE NOT INCLUDED. ALSO EXCLUDED ARE OTHER PARTS OF THE PROJECT NOT PROVIDED BY THE BUILDING MANUFACTURER SUCH AS FOUNDATIONS, MASONRY WALLS, MECHANICAL EQUIPMENT AND THE ERECTION AND INSPECTION OF THE BUILDING. THE BUILDING SHOULD BE ERECTED ON A PROPERLY DESIGNED FOUNDATION IN ACCORDANCE WITH THE BUILDING MANUFACTURER'S DESIGN MANUAL, THE ATTACHED DRAWINGS, AND GOOD ERECTION PRACTICES.

THE CONTRACTOR AND/OR ENGINEER OF RECORD IS TO CONFIRM THAT THESE LOADS COMPLY WITH REQUIREMENTS OF THE LOCAL BUILDING DEPT.

ROOF DEAD LOAD 2 PSF (FOR ROOF PANELS AND PURLINS)

COLLATERAL DEAD LOAD 1 PSF

ROOF LIVE LOAD 0 PSF

PRIMARY FRAMING 20 PSF

SECONDARY FRAMING 20 PSF

AUXILIARY LIVE LOAD 0 PSF (C<sub>g</sub> = --)

GROUND SNOW LOAD 0 PSF

ROOF SNOW LOAD 0 PSF

WIND LOAD 110 MPH, EXPOSURE B

SEISMIC: A<sub>s</sub> = --, A<sub>v</sub> = --

Seismic Hazard Exposure Group --

Seismic Performance Category --

Site Coefficient --

S<sub>1</sub> = --

S<sub>2</sub> = --

Site Class: D

Design Category: Seismic Zone --

C<sub>d</sub> = --

**DRAWING INDEX**

PAGE	DESCRIPTION
C1	COVER SHEET
F1	ANCHOR BOLT PLAN
F2	FLOOR PLAN
E1	ROOF FRAMING PLAN
E2	ENDWALL FRAMING/SHEETING
E3	SIDEWALL FRAMING/SHEETING
E4	SIDEWALL FRAMING/SHEETING
E5	PARTITION FRAMING/SHEETING

**IMPORTANCE FACTORS**

WIND LOAD	0.87	Basic Structural System - Dual system with ordinary moment, frames of steel & masonry, frames of steel & masonry, frames of steel & masonry
SNOW LOAD	--	
SEISMIC LOAD	1.00	Response Modification Factor (R)

**MEZZANINE LOADS**

LIVE LOAD	N/A	PSF	DEAD LOAD	N/A	PSF
-----------	-----	-----	-----------	-----	-----

**CRANE INFORMATION** N/A

**CHANDER P. NANGIA PE**  
 7423 HOLLOW RIDGE DR.  
 HOUSTON, TX 77095  
 FLORIDA PE # 21938

**DRAWING STATUS**

NO.	DATE	FOR PERMIT	BY	DATE
A	8/13/07		JDI	

**DRAWING STATUSES/REVISIONS**

DESCRIPTION	DATE	BY	DATE

**FOR APPROVAL:** BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL. THESE DRAWINGS, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONVEY THE GENERAL INTENT OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED FOR CONSTRUCTION CAN BE CONSIDERED AS COMPLETE.

**FOR PERMIT:** THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL, IN THAT AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED FOR CONSTRUCTION CAN BE CONSIDERED AS COMPLETE.

**FINAL DRAWINGS:**

**WWW.UNITEDSTEELBUILDING.COM**

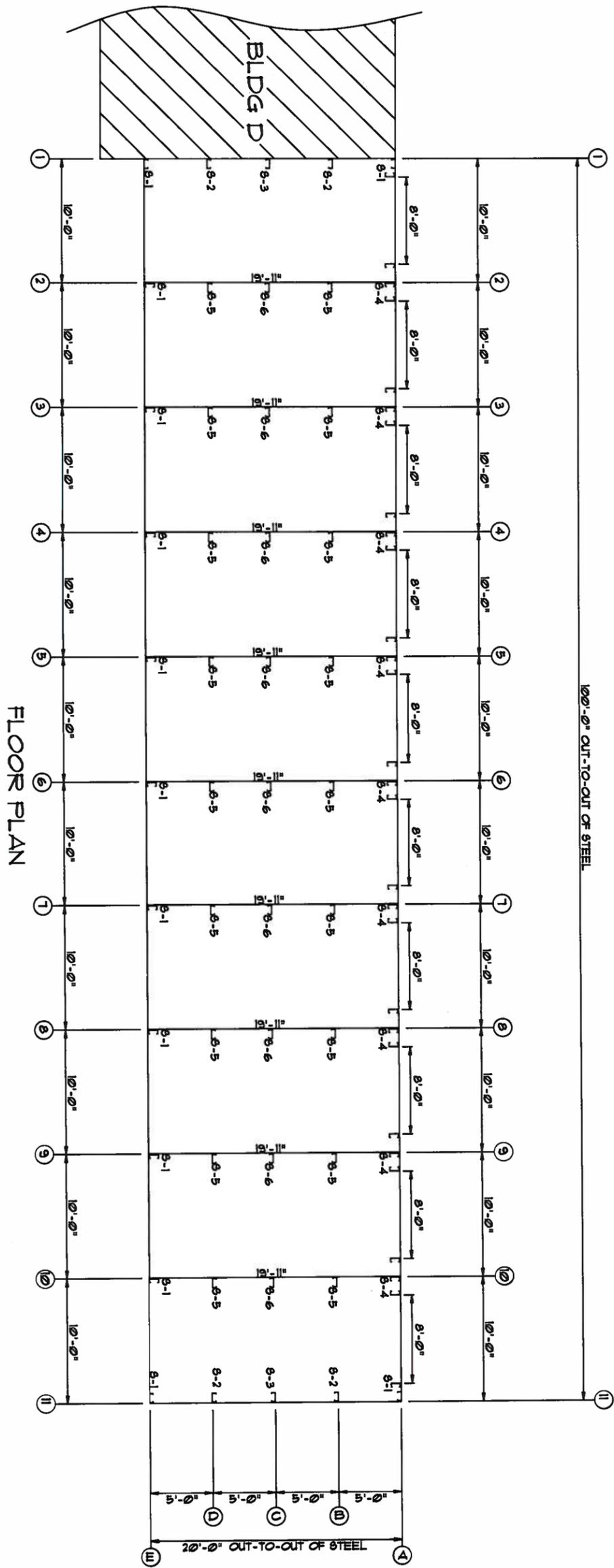
2700 West Cypress Creek, Building 900, Creekwood, Houston, TX 77058  
 Ft. Lauderdale, FL 33309  
 Office: 1-888-448-6803

North Florida Extentors  
 North Florida Extentors  
 Lake City, FL 32025

DATE: 8/13/07  
 JOB NUMBER: 0601472E  
 SCALE: N.T.S.  
 DRAWING NUMBER: C1



MEMBER TABLE		
MARK	PART	LENGTH
S-1	4X25C16	114'00"
S-2	4X25C16	112'41"
S-3	4X25C16	114'74"
S-4	4X25C16	115'50"
S-5	4X25C16	116'50"
S-6	4X25C16	119'00"



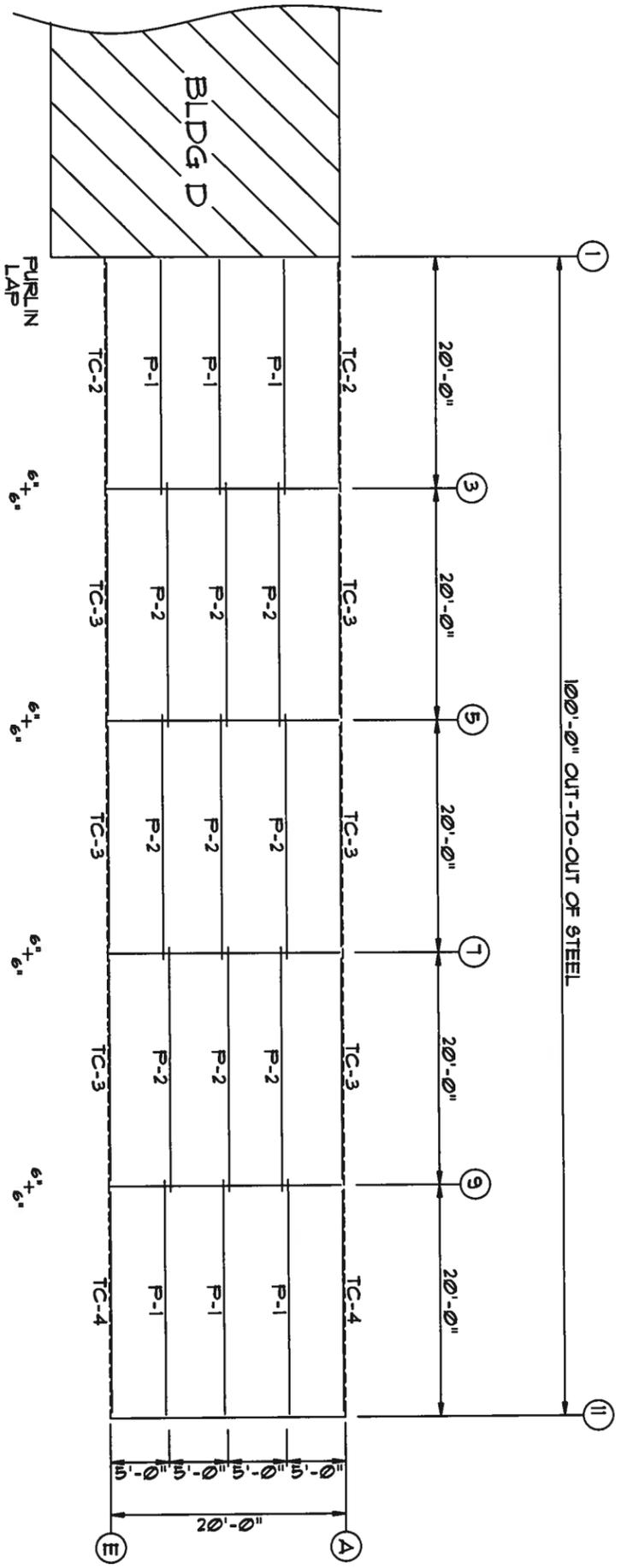
WJF

AUG 15 2008

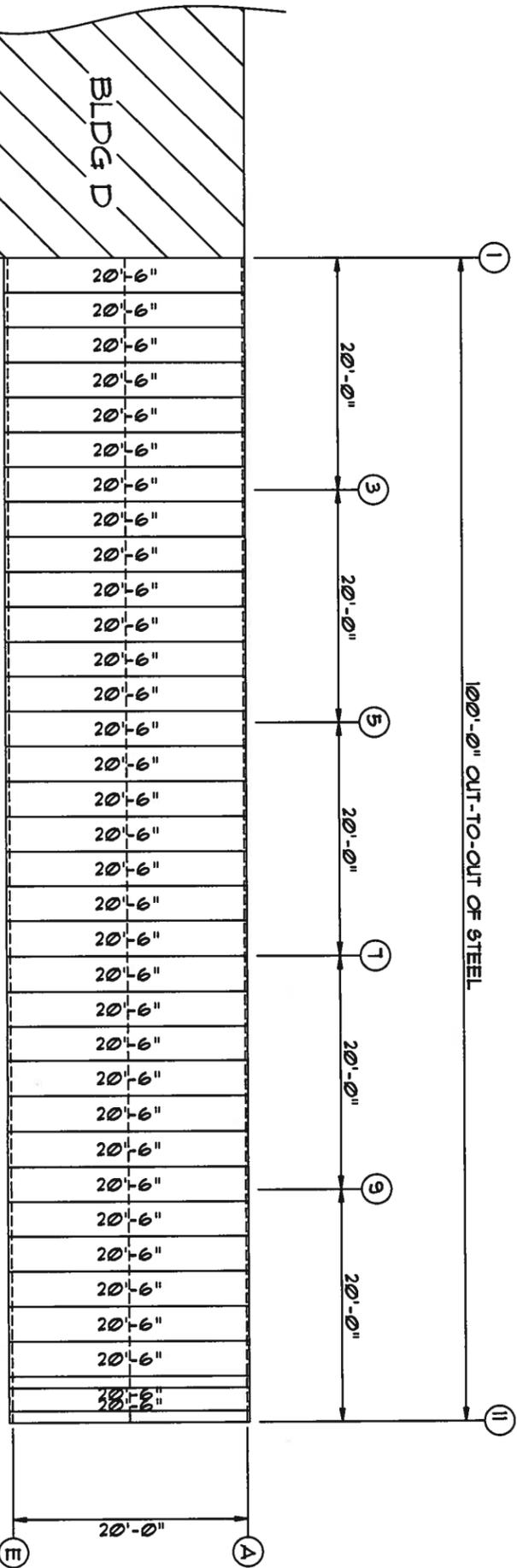
WWW.UNITEDSTEELBUILDING.COM  
 2700 W Cypress Creek Rd.  
 Ft. Lauderdale, FL 33309  
 Phone: 888-448-6963

DESCRIPTION:	DRN BR:	REVISION:
BLDG SIZE: 20'-0" x 100'-0" x 9'-6"	DATE: 8/13/07	
CUSTOMER: North Florida Exteriors	JOB NUMBER: 0601472E	
LOCATION: Lake City, FL, 32025	SCALE: N.T.S.	DRAWING NUMBER: F2

MEMBER TABLE		
MARK	PART	LENGTH
TC-2	4X20016	241.0000
TC-3	4X20016	240.0000
TC-4	4X20016	239.0000
P-1	4X25216	245.1500
P-2	4X25216	252.0000



ROOF FRAMING



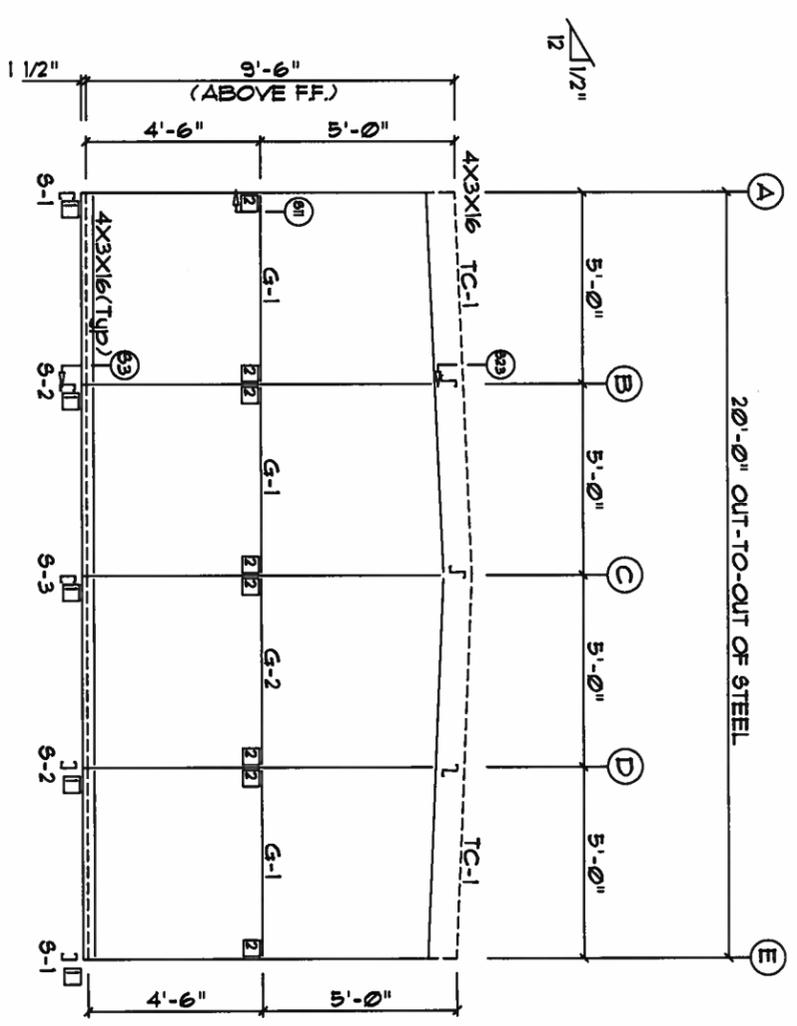
ROOF SHEETING & TRIM  
 PANELS: 26 GA. 5X - NEED COLOR

WWW.UNITEDSTEELBUILDINGS.COM  
 2700 W Cypress Creek Rd.  
 Ft. Lauderdale, FL 33309  
 Phone: 888-448-6963

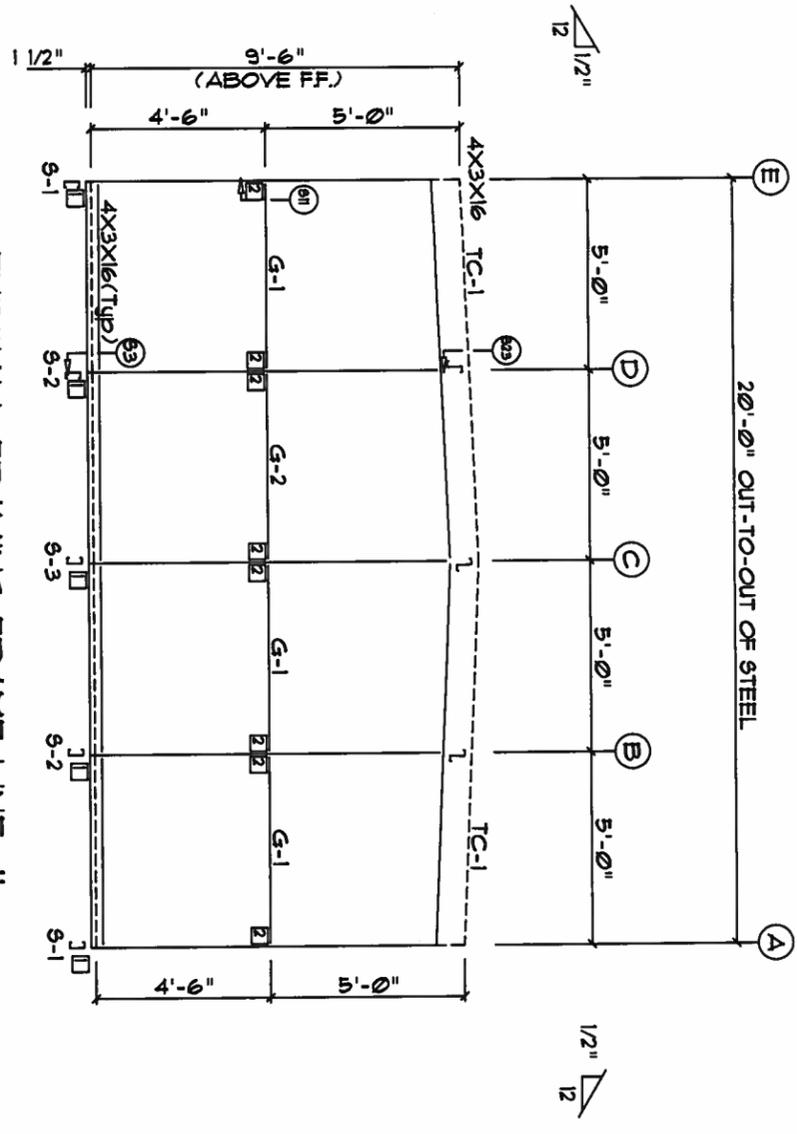
DATE: 8/13/07  
 JOB NUMBER: 0601472E  
 SCALE: N.T.S.  
 DRAWING NUMBER: E1

MEMBER TABLE		
MARK	PART	LENGTH
G-1	4X25C16	9'-6"
G-2	4X25C16	9'-4 1/4"
G-3	4X25C16	9'-6 3/4"
TC-1	4X25C16	10'-0 1/8"
G-1	4X25C16	4'-9"
G-2	4X25C16	4'-6 1/2"

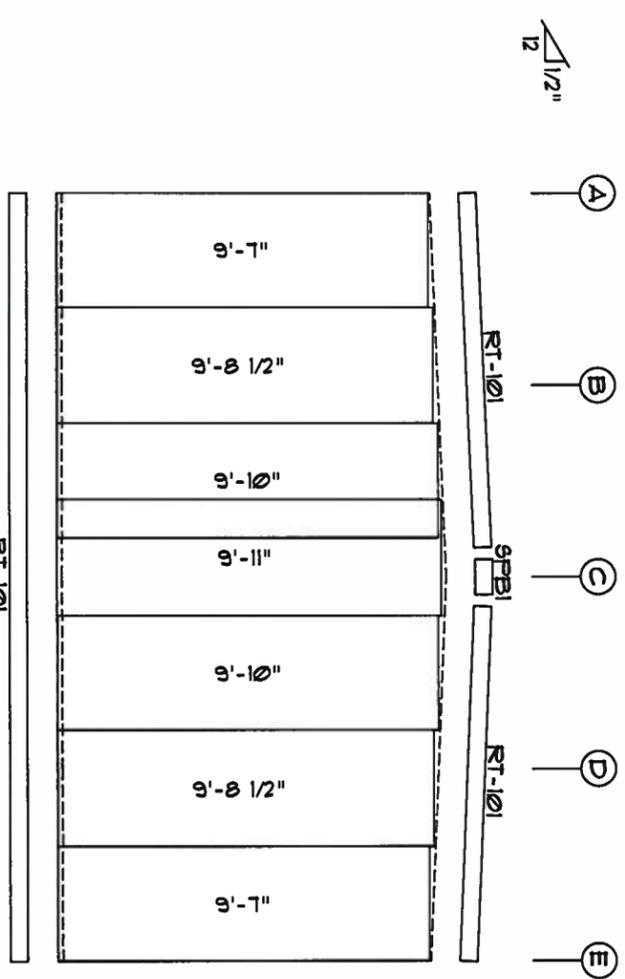
CONNECTION PLATES		
ID	MARK/PART	
1	BCI	
2	MCI	



ENDWALL FRAMING FRAME LINE: I

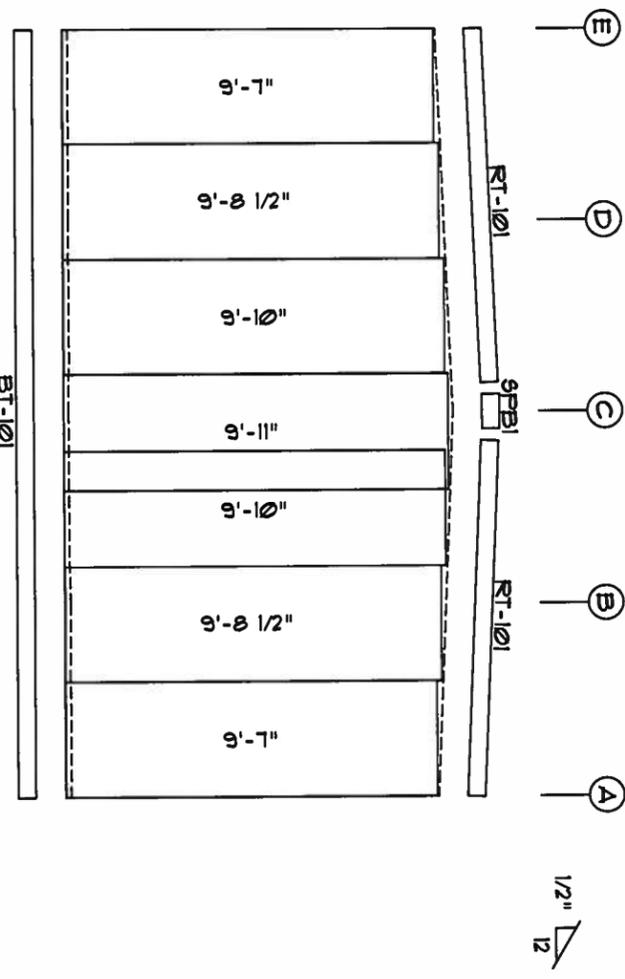


ENDWALL FRAMING FRAME LINE: II



ENDWALL SHEETING & TRIM  
FRAME LINE: I

PANELS: 26 Ga. 5X - Light Stone



ENDWALL SHEETING & TRIM  
FRAME LINE: II

PANELS: 26 Ga. 5X - Light Stone

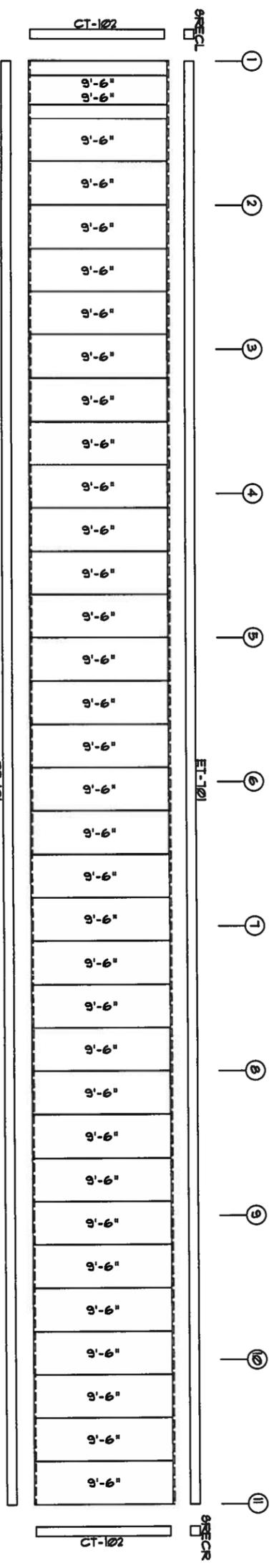
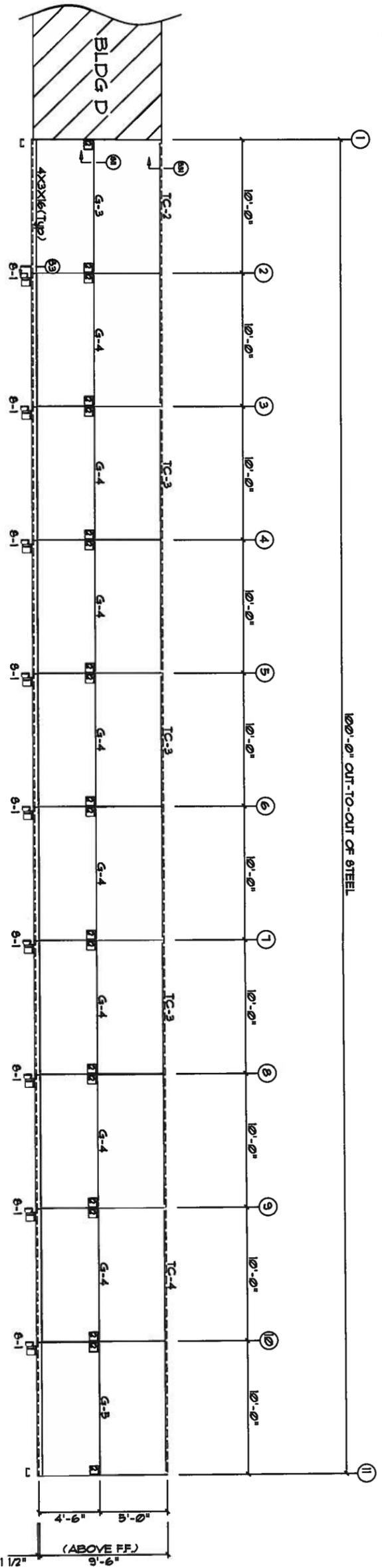
*WWS*  
AUG 15 2007

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 2700 W Cypress Creek Rd.  
 Ft. Lauderdale, FL 33309  
 Phone: 888-448-6963

DESCRIPTION: ENDWALL DRAWING	DRAWN BY:	REVISION:
BUILDING SIZE: 20'-0" x 100'-0" x 9'-6"	DATE: 8/13/07	
CUSTOMER: North Florida Extiors	JOB NUMBER: 0601472E	
LOCATION: Lake City, FL 32025	SCALE: N.T.S.	DRAWING NUMBER: E2

MEMBER TABLE			
MARK	PART	LENGTH	
S-1	4X25C16	9'-6"	
TC-2	4X20016	20'-1"	
TC-3	4X20016	20'-0"	
TC-4	4X20016	19'-11"	
G-3	4X25C16	9'-1 1/2"	
G-4	4X25C16	9'-9"	
G-5	4X25C16	9'-5"	

CONNECTION PLATES	
DID	MARK/PART
1	BCI
2	MCI



SIDEWALL SHEETING & TRIM FRAME LINE: E  
PANELS: 26 GA. SX - Light Stone

*W.W. United Steel Building*  
 AUG 15 2007

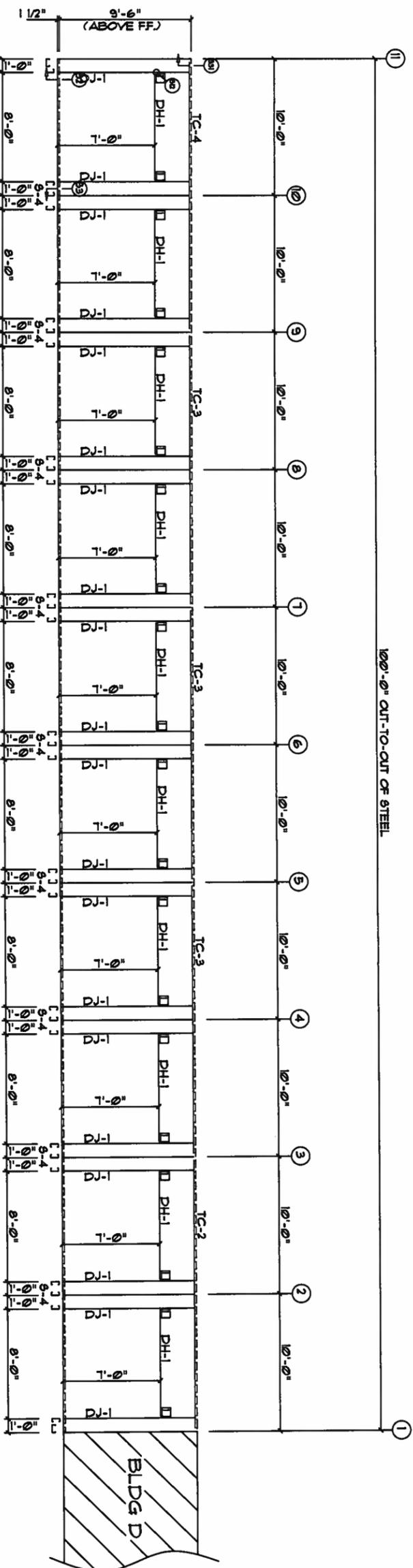
WWW.UNITEDSTEELBUILDING.COM  
 2700 W Cypress Creek Rd.  
 Ft. Lauderdale, FL 33309  
 Phone: 888-448-6963

DESCRIPTION: SIDEWALL DRAWING	DATE: 8/13/07	REVISION:
BLDG SIZE: 20'-0" x 100'-0" x 9'-6"	JOB NUMBER: 0601472E	
CUSTOMER: North Florida Extiors	SCALE: N.T.S.	DRAWING NUMBER: E3
LOCATION: Lake City, FL 32025		

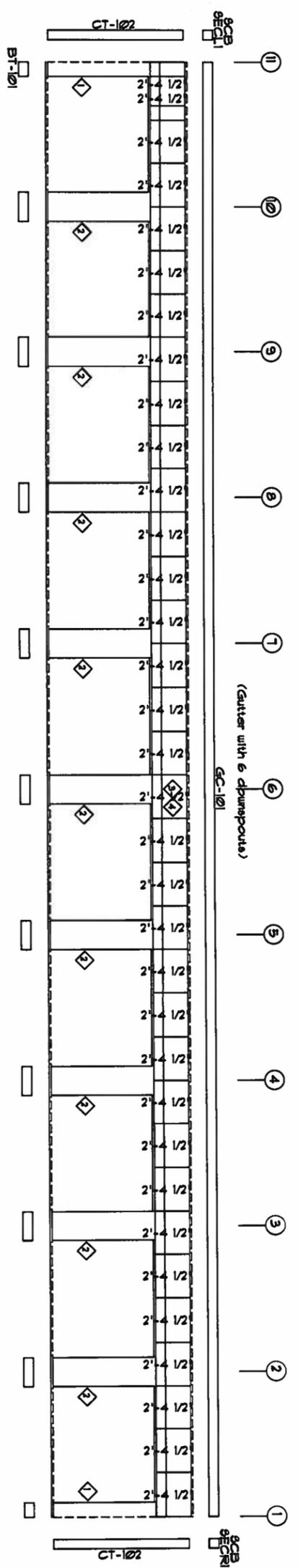
MEMBER TABLE		
MARK	PART	LENGTH
S-4	4X25C16	9'-1 1/2"
DJ-1	4X25C16	9'-1 1/2"
TC-2	4X20016	20'-1"
TC-3	4X20016	20'-0"
TC-4	4X20016	19'-11"
DH-1	4X25C16	8'-0"

TRIM TABLE		
OID MARK	LENGTH	
1	CP4-12	1'-0"
2	JP1-24	8'-9"
3	HT-101	8'-9"
4	HT-101	10'-2"

CONNECTION PLATES	
OID MARK/PART	
1	MCI



SIDEWALL FRAMING FRAME LINE: A



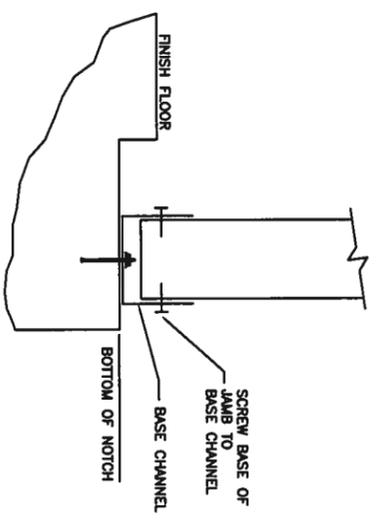
SIDEWALL SHEETTING & TRIM FRAME LINE: A  
 PANEL 5: 26 Ga. 5X - Light Stone

**WWS**  
 AUG 15 2007

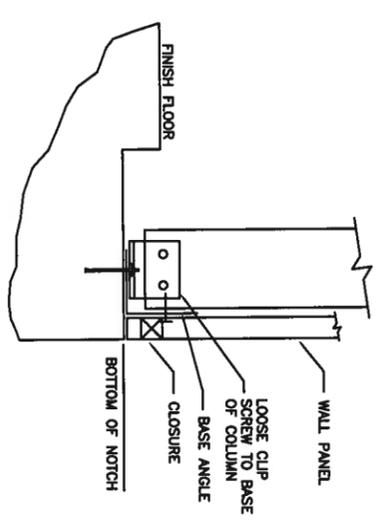
WWW.UNITEDSTEELBUILDING.COM  
 2700 W Cypress Creek Rd.  
 Ft. Lauderdale, FL 33309  
 Phone: 888-448-6963

DESCRIPTION: SIDEWALL DRAWING	DATE: 8/13/07	REVISION:
BLDG SIZE: 20'-0" x 100'-0" x 9'-6"	JOB NUMBER: 0601472	
CUSTOMER: North Florida Exteriors	SCALE: N.T.S.	DRAWING NUMBER: E4
LOCATION: Lake City, FL, 32025		

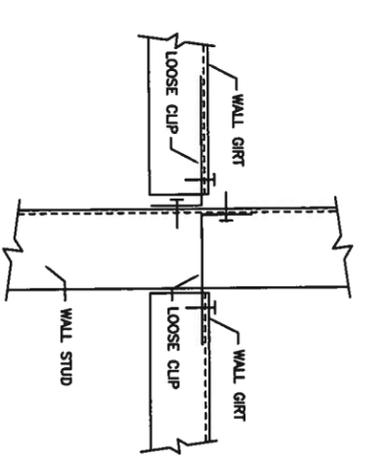




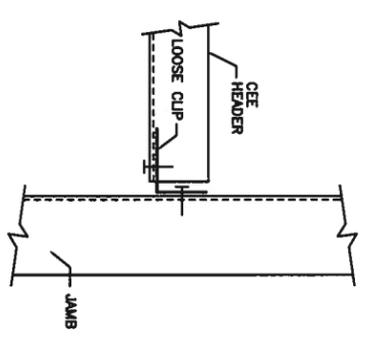
S2 BASE OF SIDEWALL OR ENDWALL WITH CHANNEL



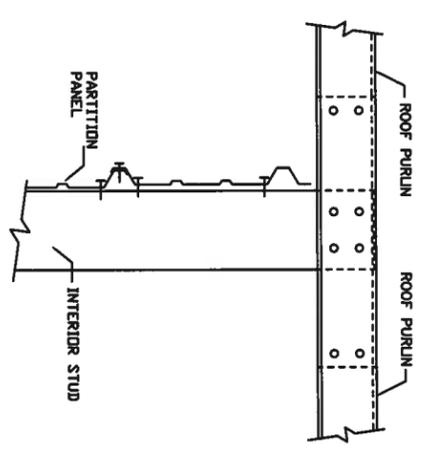
S3 BASE OF SIDEWALL OR ENDWALL WITH ANGLE



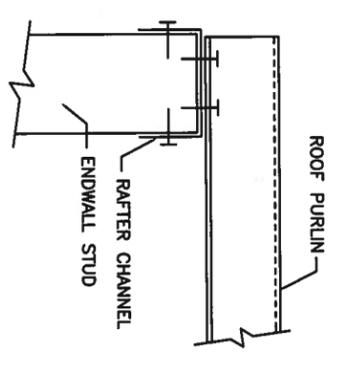
S11 JAMB OR COLUMN TO GIRT



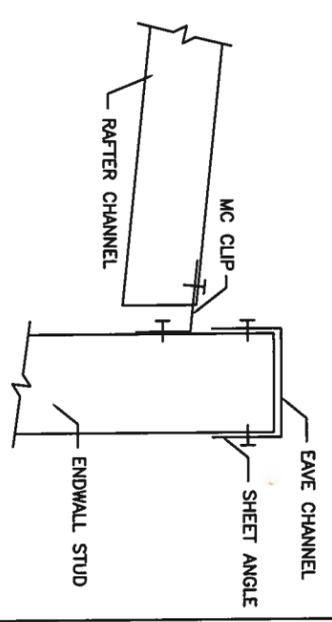
S12 HEADER TO JAMB



S22 INTERIOR COLUMN TO PURLIN (WITHOUT RAFTER)



S23 ENDWALL COLUMN/JAMB TO PURLIN WITH RAFTER



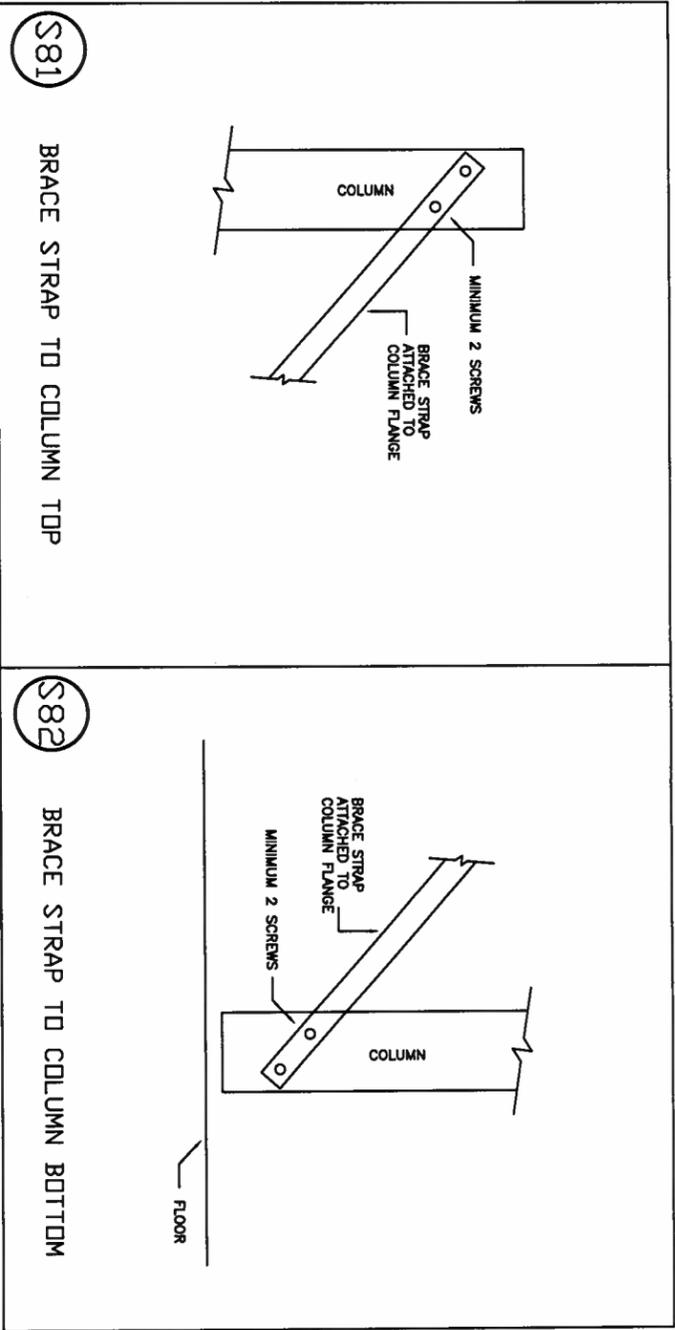
S31 INTERIOR RAFTER TO SIDEWALL COLUMN WITHOUT EAVE STRUT

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 Phone: 888-448-6963

DESCRIPTION: Detail Page  
 BLDG SIZE: 20'-0" x 100'-0" x 9'-6"  
 CUSTOMER: North Florida Exteriors  
 LOCATION: Lake City, FL 32025

DATE: 8/13/07  
 JOB NUMBER: 0601472E  
 SCALE: N.I.S.  
 DRAWING NUMBER: D1

*Handwritten signature*  
 AUG 15 2007



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 2700 W Cypress Creek Rd.  
 Ft. Lauderdale, FL 33309  
 Phone: 888-448-6963

DESCRIPTION: Detail Page  
 BUS SIZE: 20'-0" x 100'-0" x 9'-6"  
 CUSTOMER: North Florida Extentors  
 LOCATION: Lake City, FL, 32025

DATE: 8/13/07  
 JOB NUMBER: 0601472E  
 SCALE: N.T.S.  
 DRAWING NUMBER: D2

*WFB*  
 AUG 15 2007

**BUILDER / CONTRACTOR RESPONSIBILITIES**

IT IS THE RESPONSIBILITY OF THE BUILDER/CONTRACTOR TO INSURE THAT ALL PROJECT PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE REQUIREMENTS OF ANY GOVERNING BUILDING AUTHORITIES, THE SUPPLYING OF SEALED ENGINEERING DATA AND DRAWINGS FOR THE METAL BUILDING SYSTEM DOES NOT IMPLY OR CONSTITUTE AN AGREEMENT THAT THE BUILDING MANUFACTURER OR ITS DESIGN ENGINEER IS ACTING AS THE ENGINEER OF RECORD OR DESIGN PROFESSIONAL FOR A CONSTRUCTION PROJECT.

THE CONTRACTOR MUST SECURE ALL REQUIRED APPROVALS AND PERMITS FROM THE APPROPRIATE AGENCY AS REQUIRED. APPROVAL OF THE MANUFACTURER'S DRAWINGS AND CALCULATIONS INDICATE THAT THE BUILDING MANUFACTURER CORRECTLY INTERPRETED AND APPLIED THE REQUIREMENTS OF THE CONTRACT DRAWINGS AND SPECIFICATIONS. (SECT. 4.2.1 AISC CODE OF STANDARD PRACTICES, 9TH ED.) WHERE DISCREPANCIES EXIST BETWEEN THE MANUFACTURER'S STRUCTURAL STEEL PLANS AND THE PLANS FOR OTHER TRADES, THE STRUCTURAL STEEL PLANS SHALL GOVERN. (SECT. 3.3 AISC CODE OF STANDARD PRACTICE 9TH ED.) DESIGN CONSIDERATIONS OF ANY MATERIALS IN THE STRUCTURE WHICH ARE NOT FURNISHED BY THE BUILDING MANUFACTURER ARE THE RESPONSIBILITY OF THE CONTRACTORS AND ENGINEERS OTHER THAN THE BUILDING MANUFACTURER'S ENGINEERS UNLESS SPECIFICALLY INDICATED.

THE CONTRACTOR IS RESPONSIBLE FOR ALL ERECTION OF STEEL AND ASSOCIATED WORK IN COMPLIANCE WITH THE BUILDING MANUFACTURER'S "FOR CONSTRUCTION" DRAWINGS. PRODUCTS SHIPPED TO BUILDER OR HIS CUSTOMER SHALL BE INSPECTED BY BUILDER IMMEDIATELY UPON ARRIVAL. CLAIMS FOR SHORTAGES OR DEFECTIVE MATERIAL IF NOT PACKAGED MUST BE MAILED TO THE MANUFACTURER IN WRITING WITHIN FIVE (5) DAYS AFTER RECEIPT OF THE SHIPMENT. HOWEVER, IF A DEFECT IS OF SUCH A NATURE THAT REASONABLE VISUAL INSPECTION WOULD FAIL TO DISCLOSE IT, THEN THE CLAIM MUST BE MADE WITHIN FIVE (5) DAYS AFTER THE BUILDER LEARNS OF THE DEFECT. THE MANUFACTURER WILL NOT BE LIABLE FOR ANY DEFECT UNLESS CLAIM IS MADE WITHIN ONE (1) YEAR AFTER DATE OF THE ORIGINAL SHIPMENT BY THE MANUFACTURER TO BUILDER OR HIS CUSTOMER. THE MANUFACTURER WILL BE GIVEN A REASONABLE OPPORTUNITY TO INSPECT DEFECTIVE MATERIALS UPON RECEIPT OF CLAIM BY BUILDER.

**PRODUCT CERTIFICATIONS**

THE BUILDING MANUFACTURER IS A MEMBER OF THE METAL BUILDING MANUFACTURERS ASSOCIATION. THE BUILDING MANUFACTURER'S FABRICATION AND PRODUCTS ARE COVERED BY ONE OR MORE OF THE FOLLOWING CERTIFICATIONS:

1. APPROVED FABRICATOR OF PREFABRICATED BUILDINGS AND COMPONENTS. REFERENCE ICBO REPORT NO. FA-337
2. SBCCI COMPLIANCE REPORT NO. 9461A
3. AISC METAL BUILDING CERTIFICATION PROGRAM
4. CITY OF HOUSTON APPROVED FABRICATOR (REGISTRATION NO. 164)
5. WISCONSIN PRODUCT APPROVAL NUMBER 950075-M
6. CLARK COUNTY, NEVADA APPROVED FABRICATOR
7. CITY OF LOS ANGELES, CALIFORNIA APPROVED TYPE 1 FABRICATOR (LAAP1604)
8. CANADIAN WELDING BUREAU CERTIFICATION TO CSA STANDARD W47.1 IN DIVISION 1 (SYMBOL P722(HOUSTON, TX))
9. TEXAS DEPT. OF INSURANCE PRODUCT EVALUATION RC-34

**APPROVAL NOTES**

THE FOLLOWING CONDITIONS APPLY IN THE EVENT THAT THESE DRAWINGS ARE USED AS APPROVAL DRAWINGS:

- A) IT IS IMPERATIVE THAT ANY CHANGES TO THESE DRAWINGS:
  - 1) BE MADE IN CONTRASTING INK.
  - 2) BE LEGIBLE AND UNAMBIGUOUS.
- B) DATED SIGNATURE IS REQUIRED ON ALL PAGES.
- C) MANUFACTURER RESERVES THE RIGHT TO RE-SUBMIT DRAWINGS WITH EXTENSIVE OR COMPLEX CHANGES REQUIRED TO AVOID MISFABRICATION. THIS MAY IMPACT THE DELIVERY SCHEDULE.
- D) APPROVAL OF THESE DRAWINGS INDICATES CONCLUSIVELY THAT THE MANUFACTURER HAS CORRECTLY INTERPRETED THE CONTRACT REQUIREMENTS, AND FURTHER CONSTITUTES AGREEMENT THAT THE BUILDING AS DRAWN, OR AS DRAWN WITH INDICATED CHANGES REPRESENTS THE TOTAL OF THE MATERIALS TO BE SUPPLIED BY MANUFACTURER.
- E) ANY CHANGES NOTED ON THE DRAWINGS NOT IN CONFORMANCE WITH THE TERMS AND REQUIREMENTS OF THE CONTRACT BETWEEN MANUFACTURER AND ITS CUSTOMER ARE NOT BINDING ON MANUFACTURER UNLESS SUBSEQUENTLY SPECIFICALLY ACKNOWLEDGED AND AGREED TO IN WRITING BY CHANGE ORDER OR SEPARATE DOCUMENTATION. MANUFACTURER RECOGNIZES THAT RUBBER STAMPS ARE ROUTINELY USED FOR INDICATING APPROVAL. DISAPPROVAL, REJECTION, OR NOTE REVIEW OF THE DRAWINGS SUBMITTED. HOWEVER, MANUFACTURER DOES NOT ACCEPT CHANGES OR ADDITIONS TO CONTRACTUAL TERMS AND CONDITIONS THAT MAY APPEAR UPON USE OF A STAMP OR SIMILAR INDICATION OF APPROVAL, DISAPPROVAL, ETC. SUCH LANGUAGE APPLIED TO MANUFACTURER'S DRAWINGS BY THE CUSTOMER, ARCHITECT, ENGINEER, OR ANY OTHER PARTY WILL BE CONSIDERED AS UNACCEPTABLE ALTERATIONS TO THESE DRAWING NOTES, AND WILL NOT ALTER THE CONTRACTUAL RIGHTS AND OBLIGATIONS EXISTING BETWEEN MANUFACTURER AND ITS CUSTOMER.

**GENERAL NOTES**

THE STRUCTURE UNDER THIS CONTRACT HAS BEEN DESIGNED AND DETAILED FOR THE LOADS AND CONDITIONS STIPULATED IN THE CONTRACT AND SHOWN ON THESE DRAWINGS. ANY ALTERATIONS TO THE STRUCTURAL SYSTEM OR REMOVAL OF ANY COMPONENT PARTS, OR THE ADDITION OF OTHER CONSTRUCTION MATERIALS OR LOADS MUST BE DONE UNDER THE ADVICE AND DIRECTION OF A REGISTERED ARCHITECT, CIVIL OR STRUCTURAL ENGINEER. THE BUILDING MANUFACTURER WILL ASSUME NO RESPONSIBILITY FOR ANY LOADS NOT INDICATED. THIS METAL BUILDING IS DESIGNED WITH THE BUILDING MANUFACTURER'S STANDARD PRACTICES WHICH ARE BASED ON PERMITS PROCEDURES AND RECOMMENDATIONS OF THE FOLLOWING ORGANIZATIONS AND CODES.

1. AMERICAN INSTITUTE OF STEEL CONSTRUCTION: "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS"
2. AMERICAN IRON AND STEEL INSTITUTE: "SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS"
3. AMERICAN WELDING SOCIETY: "STRUCTURAL WELDING CODE" AWS D1.1.
4. METAL BUILDING MANUFACTURER'S ASSOCIATION: "LOW RISE BUILDING SYSTEMS MANUAL"
5. INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS: "UNIFORM BUILDING CODE"
6. SOUTHERN BUILDING CODE CONGRESS INTERNATIONAL: "STANDARD BUILDING CODE"
7. BUILDING OFFICIAL AND CODE ADMINISTRATORS INTERNATIONAL: "BOCA NATIONAL BUILDING CODE"
8. NATIONAL BUILDING CODE OF CANADA.

MATERIAL PROPERTIES OF STEEL PLATE USED IN THE FABRICATION OF PRIMARY RIGID FRAMES, AND OTHER PRIMARY STRUCTURAL EXCLUSIVE OF COLD-FORMED SECTIONS, CONFORM TO ASTM-A529 OR A-572. FLANGES WITH THICKNESS OF ONE INCH OR LESS AND WIDTH OF 12" OR LESS CONFORM TO A-529 WITH A MINIMUM YIELD POINT OF 50,000 PSI. FLANGES GREATER THAN 1" IN THICKNESS OR 12" IN WIDTH CONFORM TO A-572 WITH A MINIMUM YIELD POINT OF 50,000 PSI. WEB MATERIAL CONFORMS TO ASTM-A36 MODIFIED WITH A MINIMUM YIELD POINT OF 48,000 PSI. MATERIAL PROPERTIES OF PIPE SECTIONS CONFORM TO ASTM-A53 TYPE E, GRADE B WITH A MINIMUM YIELD POINT OF 35,000 PSI. MATERIAL PROPERTIES OF HOT ROLLED STEEL MEMBERS CONFORM TO THE REQUIREMENTS OF ASTM-A36 OR A572 WITH A MINIMUM YIELD POINT OF 50,000 PSI. MATERIAL PROPERTIES OF COLD FORMED LIGHT GAGE STEEL MEMBERS CONFORM TO ASTM-A570 OR A572 GRADE 55 MODIFIED WITH A MINIMUM YIELD POINT OF 57,000 PSI. MATERIAL PROPERTIES OF ROOF/WALL SHEETING, BASE METAL CONFORM TO ASTM-A792 GRADES D OR E WITH MINIMUM YIELD POINTS OF 50,000 PSI AND 80,000 PSI RESPECTIVELY, AS REQUIRED BY DESIGN. COATING OF BASE MATERIAL IS 55K ALUMINIUM-ZINC ALLOY IN ACCORDANCE WITH A255 SPECIFICATIONS. CABLE UTILIZED FOR BRACING CONFORMS TO ASTM A475. CABLE BRACING IS TO BE INSTALLED TO A TAUT CONDITION WITH ALL SLACK REMOVED. ROD AND ANGLE UTILIZED FOR BRACING MEMBERS CONFORM TO ASTM A36. STRUCTURAL JOINTS WITH A.S.T.M. A-325 HIGH STRENGTH BOLTS, WHERE INDICATED ON THE DRAWINGS, SHALL BE ASSEMBLED AND THE FASTENERS TIGHTENED IN ACCORDANCE WITH "TURN-OF-NUT" METHOD AS DESCRIBED IN THE SPECIFICATION FOR STRUCTURAL JOINTS USING A.S.T.M. A-325 OR A-490 BOLTS (11-13-85), UNLESS OTHERWISE NOTED. ALL JOINTS WILL BE ASSEMBLED WITHOUT WASHERS UNLESS OTHERWISE NOTED. ALL STEEL MEMBERS EXCEPT BOLTS, FASTENERS AND CABLE SHALL RECEIVE ONE SHOP COAT OF IRON OXIDE CORROSION INHIBITIVE PRIMER, MEETING THE PERFORMANCE REQUIREMENTS OF TP-536. SHOP AND FIELD INSPECTIONS AND ASSOCIATED FEES ARE THE RESPONSIBILITY OF THE CONTRACTOR, UNLESS STIPULATED OTHERWISE IN THE CONTRACT.

THE METAL BUILDING MANUFACTURER WILL IDENTIFY PRIMARY STRUCTURAL STEEL WITH A MINIMUM YIELD POINT GREATER THAN 36,000 PSI BY MEANS OF A STICKER NEAR THE ERECTION MARK ON EACH SHIPPED PIECE. SECONDARY MEMBERS WITH A YIELD POINT EQUAL TO OR GREATER THAN 33,000 PSI SHALL BE IDENTIFIED BY MEANS OF A STICKER NEAR THE ERECTION MARK ON EACH SHIPPED PIECE. (THIS IS IN ACCORDANCE TO THE 1997 UBC SECTION 2203, SUB-SECTION 2203.2 AND 2203.3.)

**SAFETY COMMITMENT**

THE BUILDING MANUFACTURER HAS A COMMITMENT TO MANUFACTURE QUALITY BUILDING COMPONENTS THAT CAN BE SAFELY ERECTED. HOWEVER, THE SAFETY COMMITMENT AND JOB SITE PRACTICES OF THE ERECTOR ARE BEYOND THE CONTROL OF THE BUILDING MANUFACTURER. IT IS STRONGLY RECOMMENDED THAT SAFE WORKING CONDITIONS AND ACCIDENT PREVENTION PRACTICES BE THE TOP PRIORITY OF ANY JOB SITE. LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS SHOULD ALWAYS BE FOLLOWED TO HELP INSURE WORKER SAFETY. MAKE CERTAIN ALL EMPLOYEES KNOW THE SAFEST AND MOST PRODUCTIVE WAY OF ERECTING A BUILDING. EMERGENCY PROCEDURES SHOULD BE KNOWN TO ALL EMPLOYEES. THE USE OF HARD HATS, RUBBER SOLE SHOES FOR ROOF WORK, PROPER EQUIPMENT FOR HANDLING MATERIAL, AND SAFETY NETS WHERE APPLICABLE, ARE RECOMMENDED.

**BUILDING DESCRIPTION:**

BASIC SIZE:	WIDTH	LENGTH	HEIGHT	ROOF PITCH	ENDWALL FRAME TYPE
MAIN BLDG	20	220	9.5	0.5:12	Seaching
WARNING: IN NO CASE SHOULD GALVALUME STEEL PANELS BE USED IN CONJUNCTION WITH LEAD OR COPPER. BOTH LEAD AND COPPER HAVE HARMFUL CORROSION EFFECTS ON THE ALUMINIUM ZINC ALLOY COATING WHEN THEY ARE USED IN CONTACT WITH GALVALUME STEEL PANELS. EVEN RUN-OFF FROM COPPER FLASHING, WHIRING, OR TUBING ON TO GALVALUME SHOULD BE AVOIDED.					
BASE CONDIOR:					
SHEATHING:					
BLANKET TYPE INSULATION:					
* ZINC COATED					
BY OTHERS					
BY BUILDING MANUFACTURER					

**BUILDING LOADS**

THIS IS TO CERTIFY THAT THIS STRUCTURE IS DESIGNED UTILIZING THE LOADS INDICATED AND APPLIED AS REQUIRED BY FBC 04

THIS CERTIFICATION IS LIMITED TO THE STRUCTURAL DESIGN OF THE FRAMING AND COVERING PARTS MANUFACTURED BY THE BUILDING MANUFACTURER AND AS SPECIFIED IN THE CONTRACT. ACCESSORY ITEMS SUCH AS DOORS, WINDOWS, LOUVERS, TRANSLUCENT PANELS, VENTILATORS ARE NOT INCLUDED. ALSO EXCLUDED ARE OTHER PARTS OF THE PROJECT NOT PROVIDED BY THE BUILDING MANUFACTURER SUCH AS FOUNDATIONS, MASONRY WALLS, MECHANICAL EQUIPMENT AND THE ERECTION AND INSPECTION OF THE BUILDING. THE BUILDING SHOULD BE ERECTED ON A PROPERLY DESIGNED FOUNDATION IN ACCORDANCE WITH THE BUILDING MANUFACTURER'S DESIGN MANUAL, THE ATTACHED DRAWINGS, AND GOOD ERECTION PRACTICES. THE CONTRACTOR AND/OR ENGINEER OF RECORD IS TO CONFIRM THAT THESE LOADS COMPLY WITH REQUIREMENTS OF THE LOCAL BUILDING DEPT.

ROOF DEAD LOAD 2 PSF ( FOR ROOF PANELS AND PURLINS )

COLLATERAL DEAD LOAD 0 PSF

ROOF LIVE LOAD 0 PSF

PRIMARY FRAMING 0 PSF

SECONDARY FRAMING 20 PSF

AUXILIARY LIVE LOAD 0 PSF

GROUND SNOW LOAD 0 PSF ( C<sub>s</sub> = --- )

ROOF SNOW LOAD 0 PSF

WIND LOAD 110 MPH, EXPOSURE B

SEISMIC: A<sub>g</sub> = ---, A<sub>v</sub> = ---

Seismic Hazard Exposure Group ---

Seismic Performance Category ---

Site Coefficient ---

S<sub>s</sub> = ---

S<sub>1</sub> = ---

Site Class D

Design Category Seismic Zone ---

C<sub>o</sub> = ---

**DRAWING INDEX**

PAGE	DESCRIPTION
C1	COVER SHEET
F1	ANCHOR BOLT PLAN
F2	FLOOR PLAN
E1	ROOF FRAMING PLAN
E2	ENDWALL FRAMING/SHEETING
E3	SIDEWALL FRAMING/SHEETING
E4	SIDEWALL FRAMING/SHEETING
E5	PARTITION FRAMING/SHEETING

**IMPORTANCE FACTORS**

WIND LOAD 0.87 Basic Structural System - Dual system with ordinary moment; frames of steel & concentrically braced frames

SNOW LOAD ---

SEISMIC LOAD 1.00 Response Modification Factor (R) ---

MEZZANINE LOADS Deflection Amplification Factor (I<sub>d</sub>) ---

LIVE LOAD N/A PSF DEAD LOAD N/A PSF Analysis Procedure - Equivalent Lateral Force

CRANE INFORMATION N/A

STANDARD & SPECIAL DETAILS

PANEL AND JOINTS ONLY

**CHANDER P. NANGIA PE**  
 7423 HOLLOW RIDGE DR.  
 HOUSTON, TX 77095  
 FLORIDA PE # 21938

**WWW.UNITEDSTEELBUILDING.COM**  
 2700 West Cypress Cregeador  
 Ft. Lauderdale, FL 33309  
 Office: 1-888-448-6963

**DRAWING STATUS**

NO.	DATE	BY	CRD	DESCRIPTION
A	8/13/07	JDU		FOR PERMIT

**DRAWING STATUS/REVISIONS**

DESCRIPTION	DATE	BY	CRD
FOR PERMIT	8/13/07	JDU	

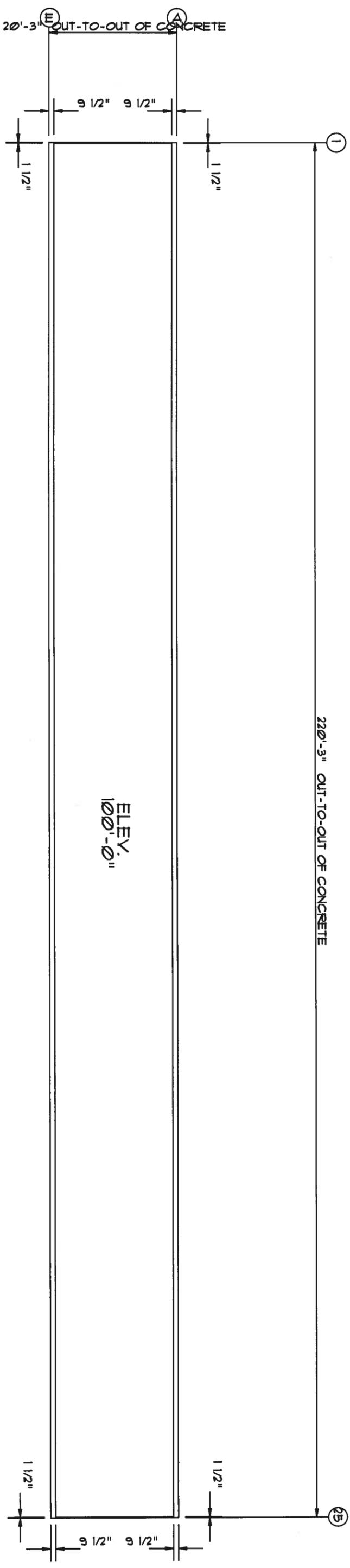
**FOR PERMIT**

THESE DRAWINGS BEING FOR PERMIT ARE BY DEFINITION NOT FINAL. IN THAT AS A MINIMUM THESE DRAWINGS ARE NOT IDENTIFIED, ONLY DRAWINGS ISSUED FOR CONSTRUCTION CAN BE CONSIDERED AS COMPLETE.

**FOR PERMIT**

THESE DRAWINGS BEING FOR PERMIT ARE BY DEFINITION NOT FINAL. IN THAT AS A MINIMUM THESE DRAWINGS ARE NOT IDENTIFIED, ONLY DRAWINGS ISSUED FOR CONSTRUCTION CAN BE CONSIDERED AS COMPLETE.

DATE: 8/13/07  
 JOB NUMBER: 0601472C  
 SCALE: N.T.S.  
 DRAWING NUMBER: C1

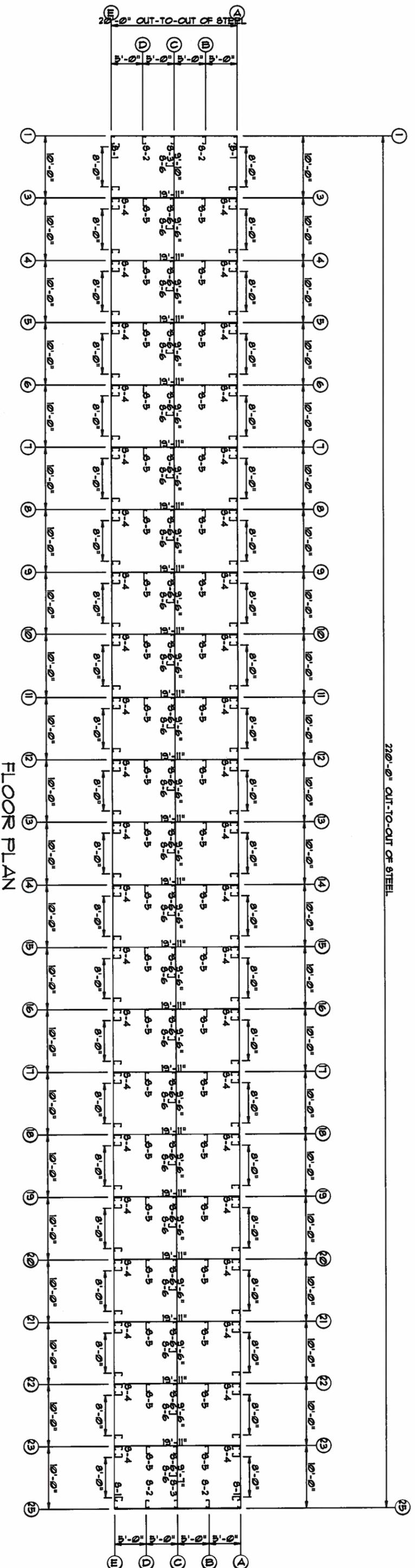


ANCHOR PLAN

WWW.UNITEDSTEELBUILDING.COM 2700 W Cypress Creek Rd. Ft. Lauderdale, FL 33309 Phone: 888-448-6963	
DESCRIPTION:	REVISION:
BLDG SIZE: 20'-0" x 220'-0" x 9'-6"	DATE: 8/14/07
CUSTOMER: North Florida Exteriors	JOB NUMBER: 0601472C
LOCATION: Lake City, FL, 32025	SCALE: N.T.S.
	DRAWING NUMBER: F1

*W. J. [Signature]*  
 AUG 15 2007

MEMBER TABLE		
MARK	PART	LENGTH
5-1	4X25C16	114.000
5-2	4X25C16	112.247
5-3	4X25C16	114.747
5-4	4X25C16	115.500
5-5	4X25C16	116.500
5-6	4X25C16	119.000

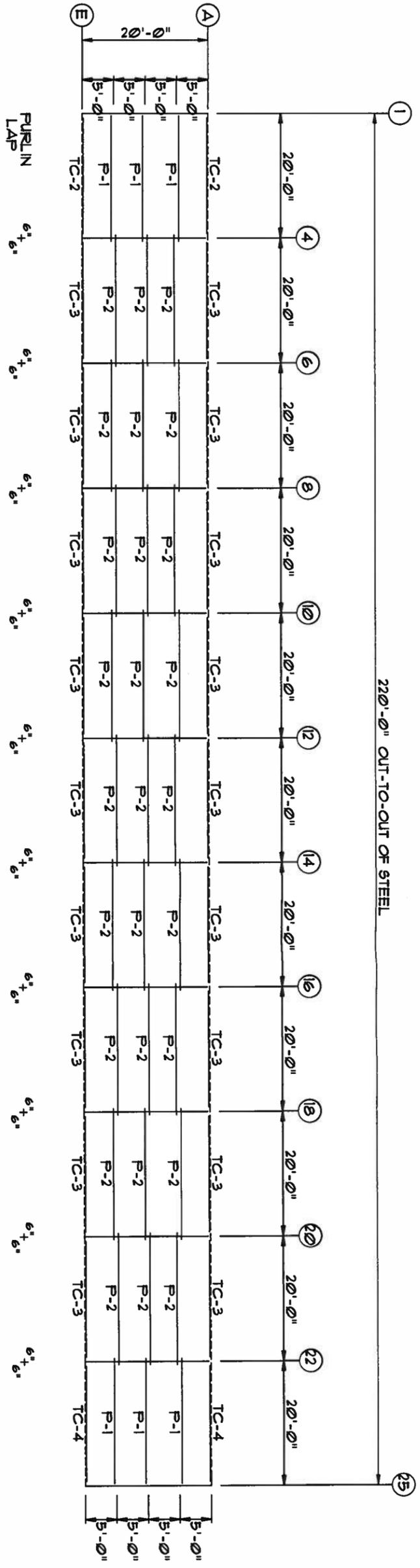


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 Phone: 888-448-6963

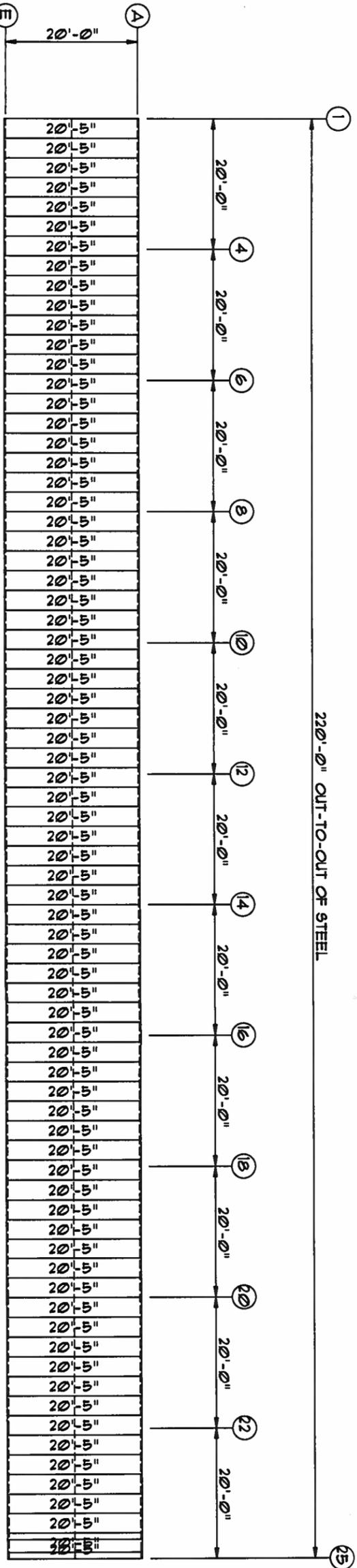
DATE: 8/14/07  
 JOB NUMBER: 0601472C  
 DRAWING NUMBER: F2

AUG 15 2007

MEMBER TABLE		
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TC-2	4X20016	241000
TC-3	4X20016	240000
TC-4	4X20016	239000
P-1	4X25216	245150
P-2	4X25216	252000



ROOF FRAMING



ROOF SHEETING & TRIM  
 PANELS: 26 GA. 5X - NEED COLOR

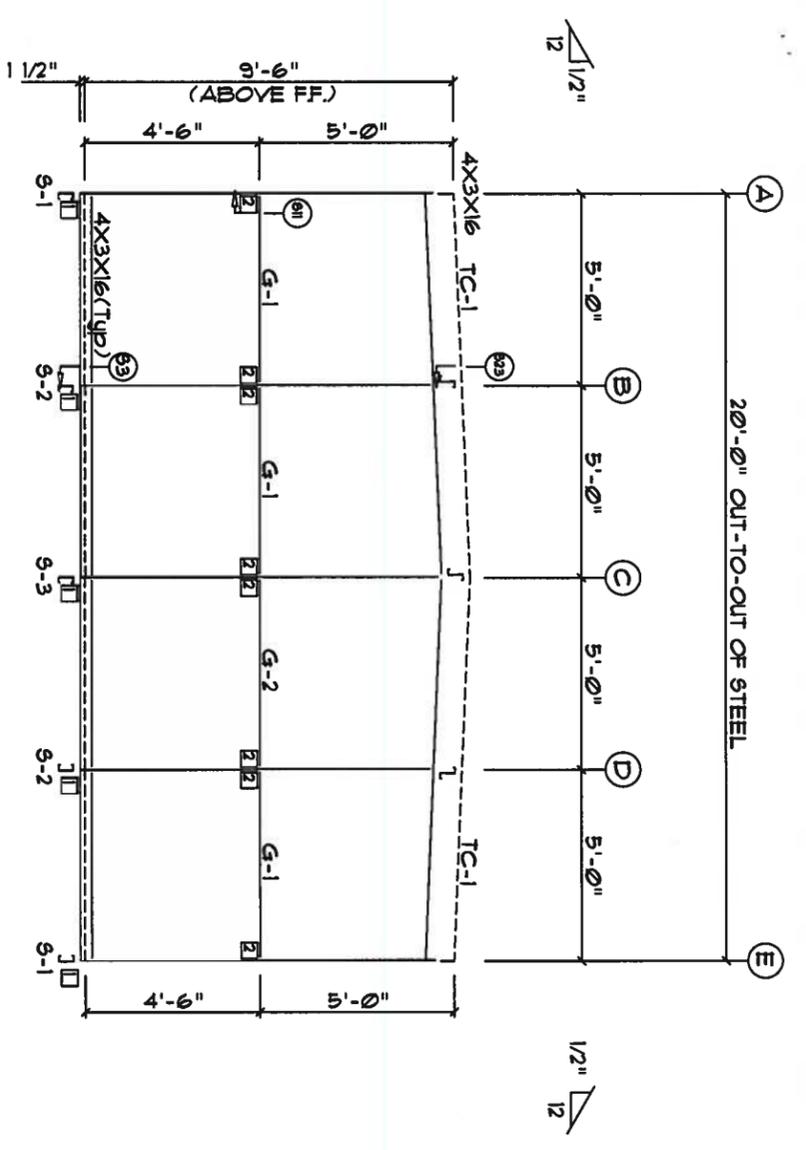
*W. J. R.*  
 AUG 15 2007

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 Phone: 888-448-6963

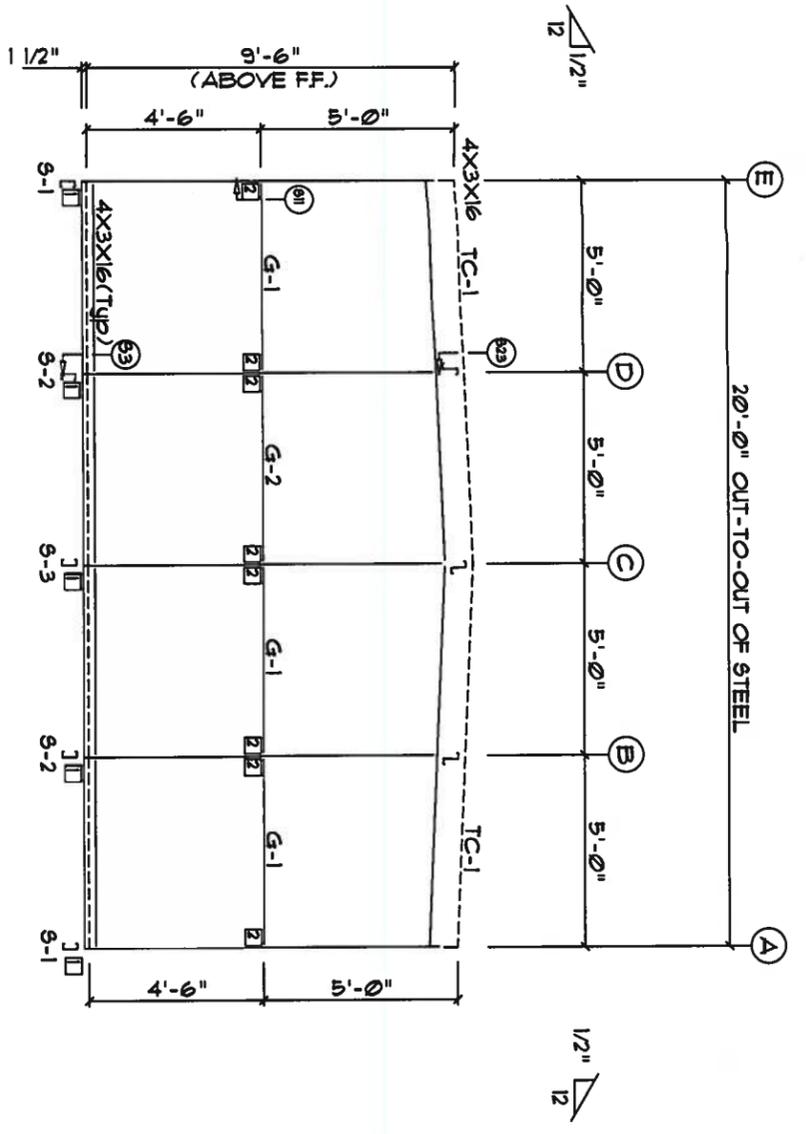
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BLDG SIZE: 20'-0" x 220'-0" x 9'-6"	DATE: 8/13/07	
CUSTOMER: North Florida Exteriors	JOB NUMBER: 0601472C	
LOCATION: Lake City, FL 32025	SCALE: N.T.S.	DRAWING NUMBER: E1

MEMBER TABLE		
MARK	PART	LENGTH
G-1	4X25C16	9'-6"
G-2	4X25C16	9'-4 1/4"
G-3	4X25C16	9'-6 3/4"
TC-1	4X25C16	10'-0 1/8"
G-1	4X25C16	4'-9"
G-2	4X25C16	4'-6 1/2"

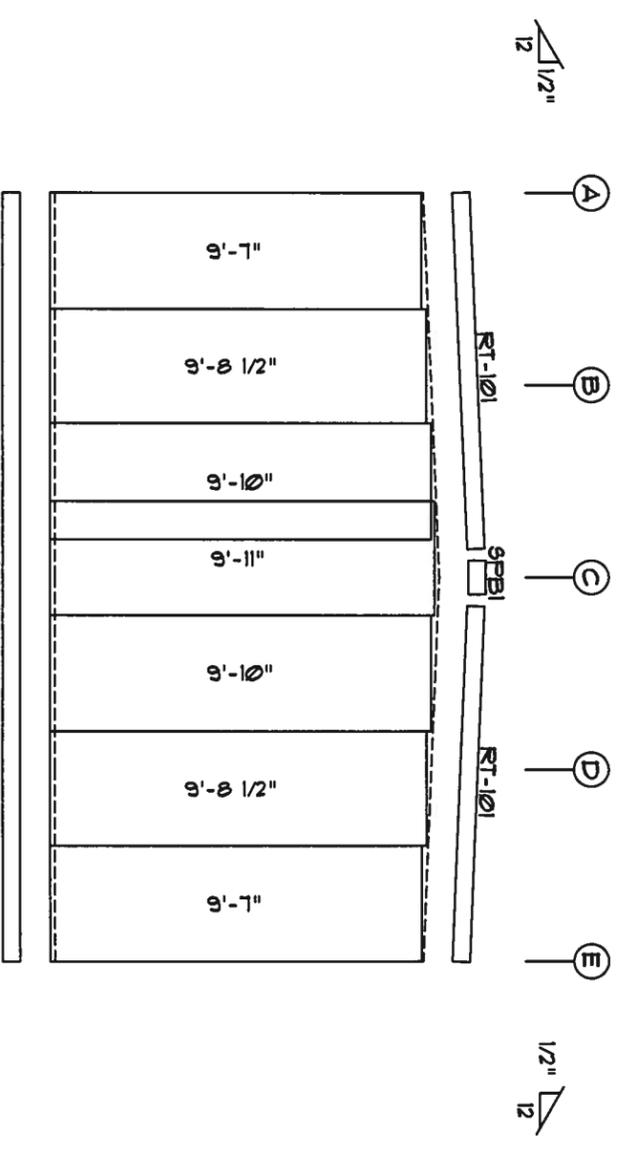
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ID	MARK/PART
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2	MC1



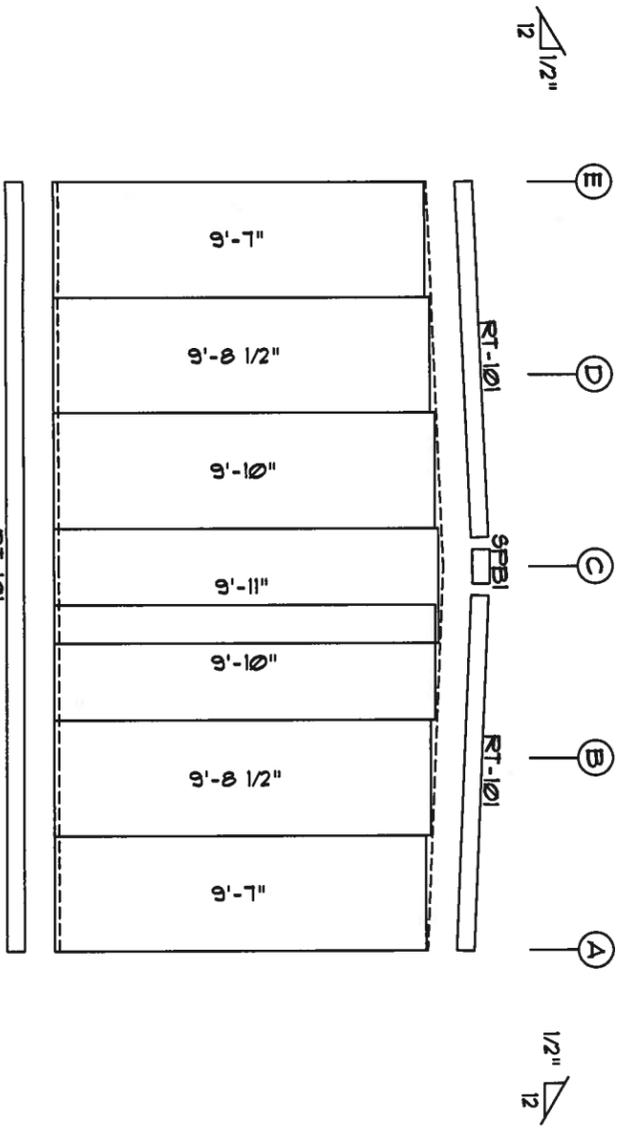
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ENDWALL FRAMING FRAME LINE: 25



ENDWALL SHEETING & TRIM  
FRAME LINE: 1  
PANELS: 26 Ga. 5X - Light Stone



ENDWALL SHEETING & TRIM  
FRAME LINE: 25  
PANELS: 26 Ga. 5X - Light Stone

*Handwritten signature*  
AUG 15 2007

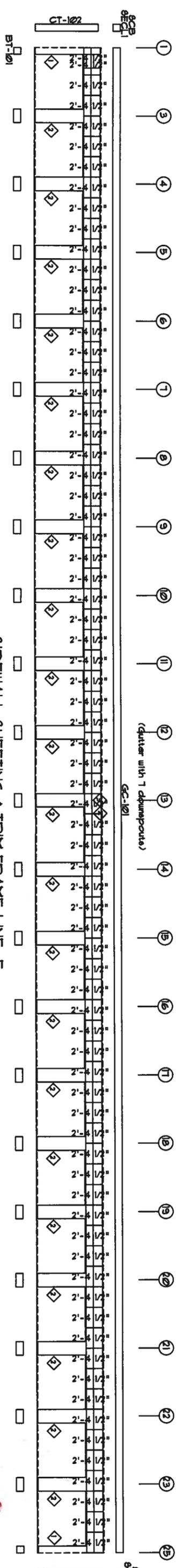
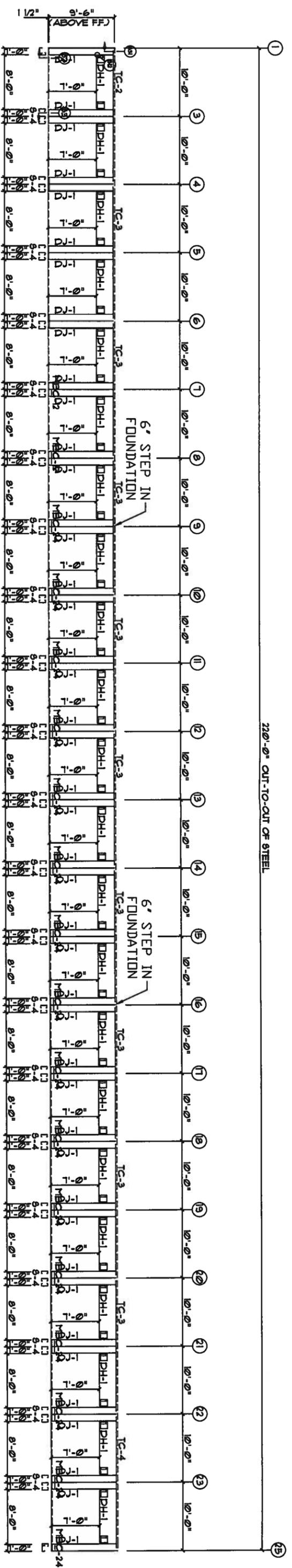
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Phone: 888-448-6963

DESCRIPTION: ENDWALL DRAWING	DRAWN BY:	REVISION:
BUDG SIZE: 20'-0" x 220'-0" x 9'-6"	DATE: 8/13/07	
CUSTOMER: North Florida Exteriors	JOB NUMBER: 0601472C	
LOCATION: Lake City, FL 32025	SCALE: N.T.S.	DRAWING NUMBER: E2

CONNECTION PLATES	
ID	MARK/PART
1	MCI

TRIM TABLE		
ID	MARK	LENGTH
1	CP4-12	1'-0"
2	JP1-24	1'-9"
3	HT-101	10'-2"

MEMBER TABLE			
MARK	PART	LENGTH	
S-4	4X25C16	9'-7 1/2"	
DJ-1	4X25C16	9'-7 1/2"	
TC-2	4X20016	20'-1 1/2"	
TC-3	4X20016	20'-1'-0"	
TC-4	4X20016	19'-11"	
DH-1	4X25C16	8'-0"	



*[Handwritten Signature]*  
 AUG 15 2004

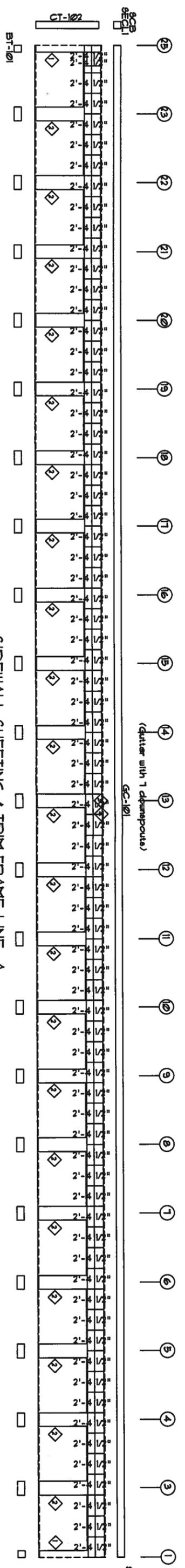
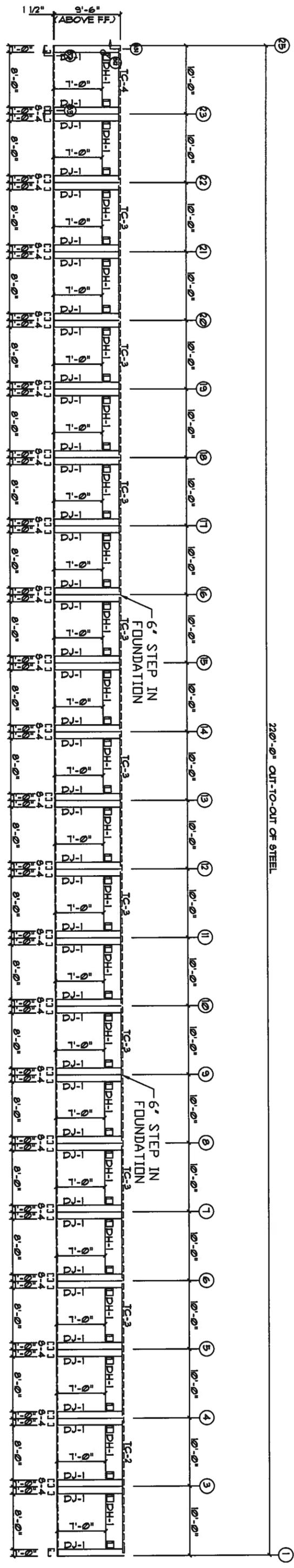
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 Ft. Lauderdale, FL 33309  
 Phone: 888-448-6963

DESCRIPTION: SIDEWALL DRAWING	DRAWN BY:	REVISION:
BUILDING SIZE: 20'-0" x 220'-0" x 9'-6"	DATE: 8/14/07	
CUSTOMER: North Florida Extérieurs	JOB NUMBER: 0601472C	
LOCATION: Lake City, FL 32025	SCALE: N.T.S.	DRAWING NUMBER: E3

CONNECTION PLATES	
ID MARK/PART	
1	MCI

TRIM TABLE			
ID MARK	LENGTH		
1	CP4-12	T-0"	
2	JPI-24	T-0"	
3	HT-101	T-9"	
4	HT-101	10'-2"	

MEMBER TABLE			
MARK	PART	LENGTH	
S-4	4X25C16	9'-1 1/2"	
DJ-1	4X25C16	9'-1 1/2"	
TC-2	4X20016	20'-0"	
TC-3	4X20016	20'-0"	
TC-4	4X20016	19'-11"	
DH-1	4X25C16	8'-0"	



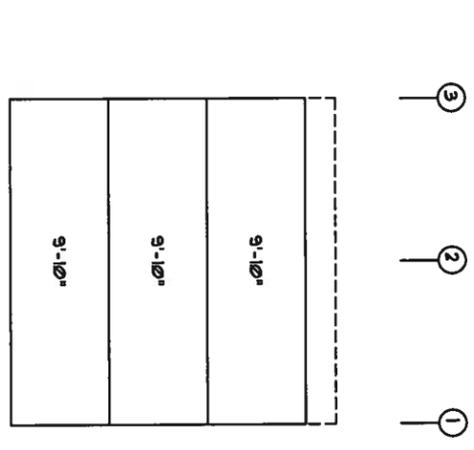
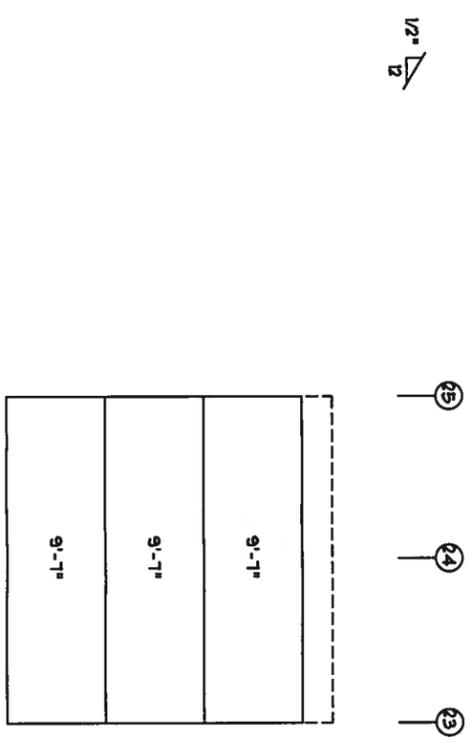
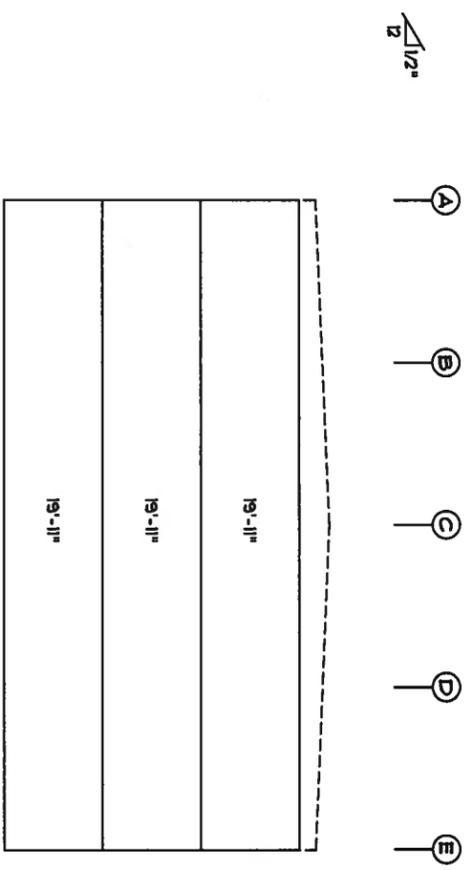
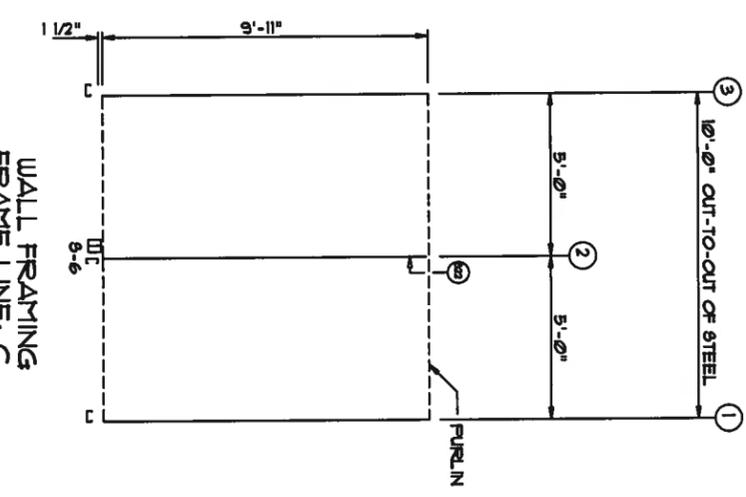
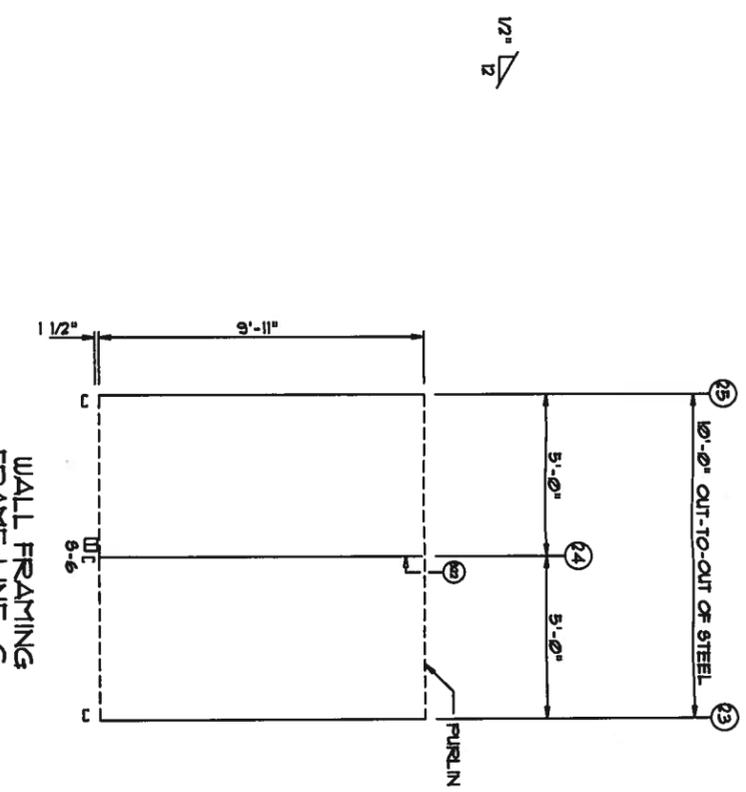
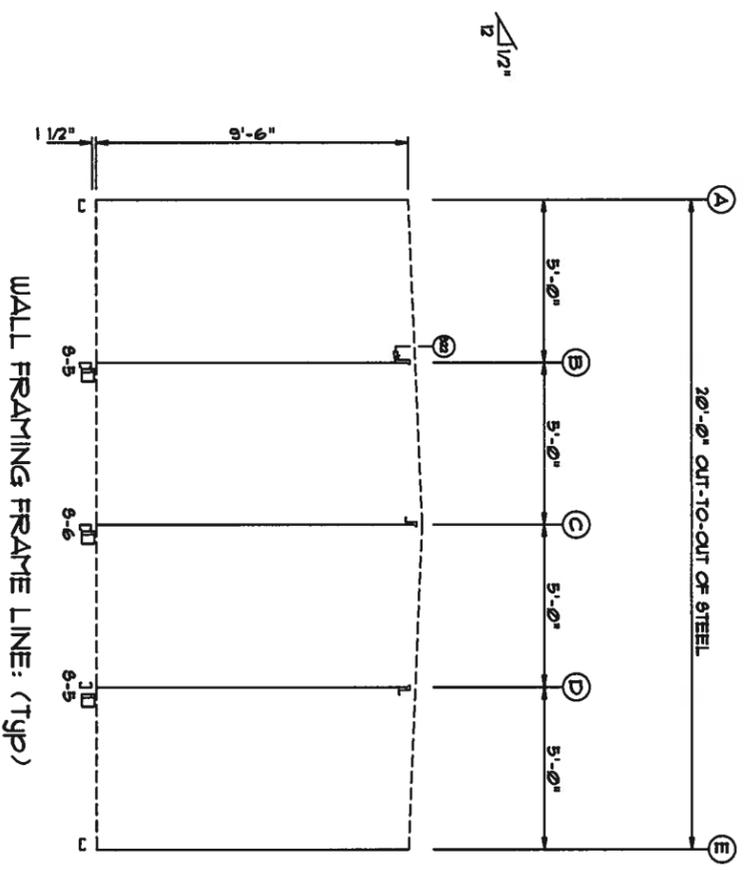
SIDEWALL SHEETING & TRIM FRAME LINE: A  
 PANELS: 26 GA. 8X - Light Stone

**APR 5 2001**

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DESCRIPTION: SIDEWALL DRAWING	DWN BY:	REVISION:
BUDG SIZE: 20'-0" x 220'-0" x 9'-6"	DATE: 8/14/07	
CUSTOMER: North Florida Extiors	JOB NUMBER: 0601472C	
LOCATION: Lake City, FL, 32025	SCALE: N.T.S.	DRAWING NUMBER: E4

PROJECT NO.	10000
DATE	8/13/07
CONNECTION PLAN	
DRAWN BY	
CHECKED BY	
DATE	
SCALE	



WALL SHEETING & TRIM  
FRAME LINE: (Typ)  
PANEL 29 GA. 9P - NEED COLOR

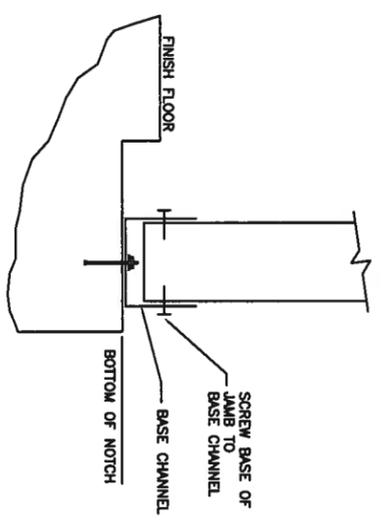
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FRAME LINE: C  
PANEL 29 GA. 9P - NEED COLOR

WALL SHEETING & TRIM  
FRAME LINE: C  
PANEL 29 GA. 9P - NEED COLOR

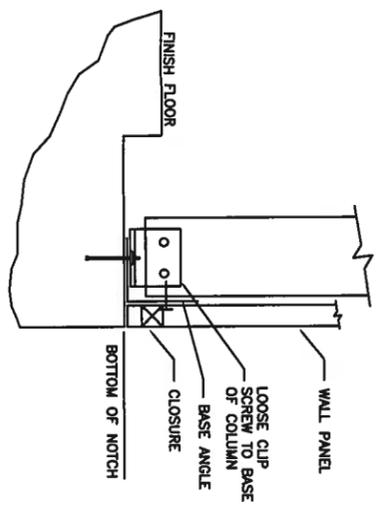
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AUG 15 2007

DESCRIPTION: PARTITION DRAWING	
BLDG SIZE: 20'-0" x 220'-0" x 9'-6"	DATE: 8/13/07
CUSTOMER: North Florida Exteriors	JOB NUMBER: 0601472C
LOCATION: Lake City, FL 32025	SCALE: N.T.S.
DRAWING NUMBER: E5	

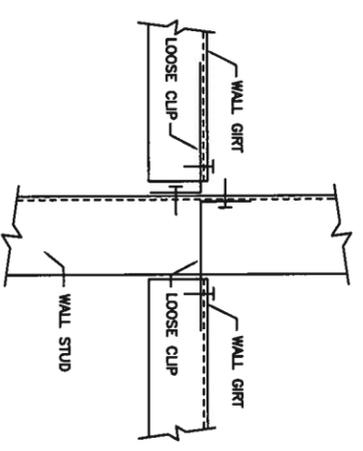
WWW.UNITEDSTEELBUILDING.COM  
2700 W Cypress Creek Rd.  
Ft. Lauderdale, FL 33309  
Phone: 888-448-6963



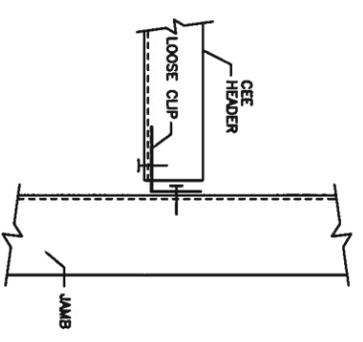
S2 BASE OF SIDEWALL OR  
ENDWALL WITH CHANNEL



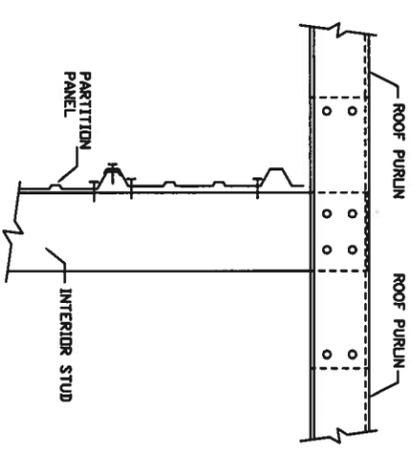
S3 BASE OF SIDEWALL OR  
ENDWALL WITH ANGLE



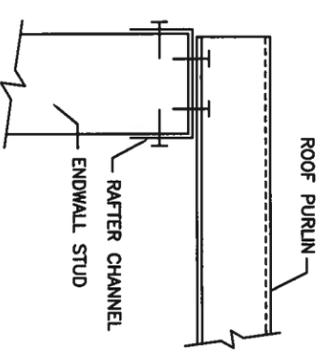
S11 JAMB OR COLUMN TO GIRT



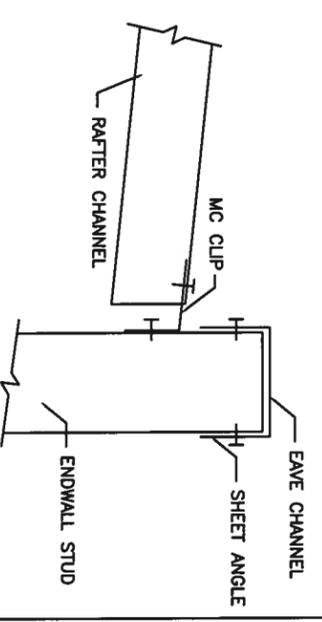
S12 HEADER TO JAMB



S22 INTERIOR COLUMN TO PURLIN  
(WITHOUT RAFTER)



S23 ENDWALL COLUMN/JAMB TO  
PURLIN WITH RAFTER



S31 INTERIOR RAFTER TO SIDEWALL  
COLUMN WITHOUT EAVE STRUT

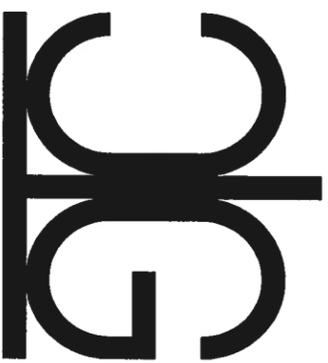
WWW.UNITEDSTEELBUILDING.COM  
 2700 W Cypress Creek Rd.  
 Ft. Lauderdale, FL 33309  
 Phone: 888-448-6963

DESCRIPTION: Detail Page  
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 CUSTOMER: North Florida Extiors  
 LOCATION: Lake City, FL, 32025

DATE: 8/13/07  
 JOB NUMBER: 0601472C  
 SCALE: N.T.S.  
 DRAWING NUMBER: D1

*ADG 15 2008*

# ELLISVILLE MINI-STORAGE WAREHOUSE BUILDINGS



STRUCTURAL/CIVIL ENGINEERS

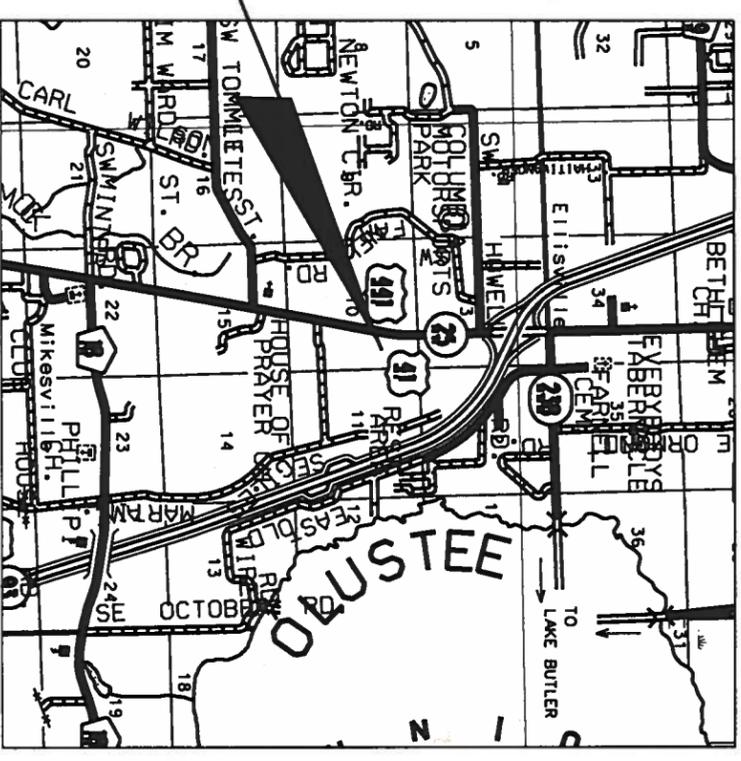
GTC Design Group  
176 NW Lake Jeffrey Road  
Lake City, FL, 32055  
Phone: (386) 719-9985  
Fax: (386) 362-6133  
Brett Crews, PE 65592  
Auth. #: 9461

GTC PROJECT NUMBER:  
PF07-030

FINAL PLANS

FOR:  
John Lee  
134 SW Discovery Pl.  
LAKE CITY, FL. 32025  
PHONE: 386.755.0294  
CELL: 386.623.1387

	<u>INDEX OF SHEETS</u>	<u>PROJECT LOCATION</u>
1	GENERAL NOTES & DETAILS	
2	EXISTING CONDITIONS	
3	SITE PLAN	
4	GRADING PLAN	
5	EROSION CONTROL NOTES AND DETAILS	
6	STORMWATER POND	
7	MISCELLANEOUS NOTES AND DETAILS	
8-9	FDOT DRIVEWAY CONNECTION & DETAILS	
10	LANDSCAPE PLAN	
	MISCELLANEOUS FDOT DESIGN STANDARDS	



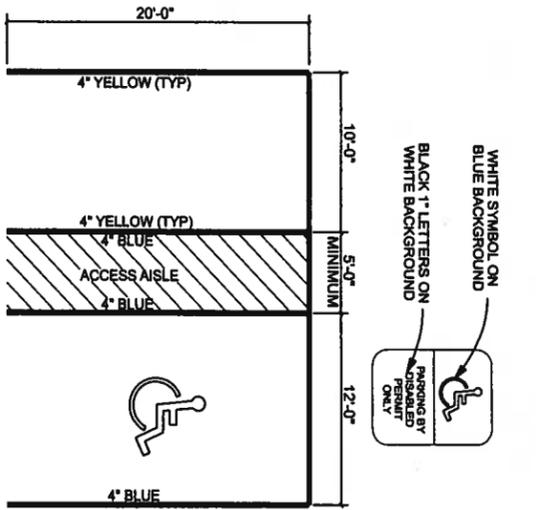
**LOCATION MAP**

SECTION 3, TOWNSHIP 6 SOUTH, RANGE 17 EAST  
COLUMBIA COUNTY, FLORIDA

*John Lee*  
7-20-07

**GENERAL NOTES**

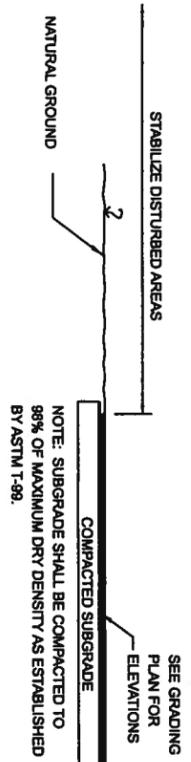
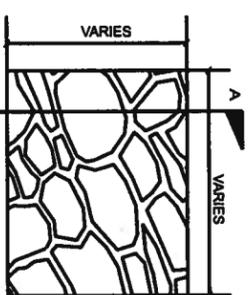
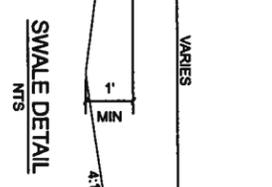
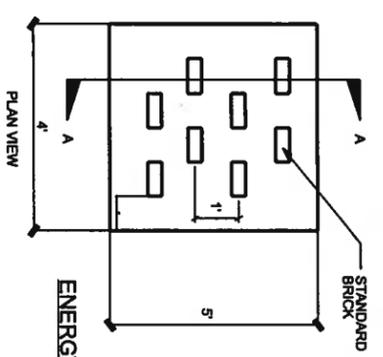
1. The contractor shall verify all existing conditions and dimensions at the job site to insure that all new work will fit in the manner intended on the plans. Should any conditions exist that are contrary to those shown on the plans, the contractor shall notify the engineer of such differences immediately prior to proceeding with the work.
2. The contractor shall maintain the construction site at all times in a secure manner. All open trenches and excavated areas shall be protected from access by the general public.
3. Boundary and topographical information shown was obtained from a survey performed by Donald F. Lee & Associates, Inc., P.S.M. Florida Certificate #7042.
4. Any public land corner within the limits of construction is to be protected. If a corner monument is in danger of being destroyed and has not been properly referenced, the contractor should notify the engineer.
5. The site is located in Section 3, Township 6 South, Range 17 East, Columbia County, Florida.
6. Contractors shall adhere to the Erosion Control Plan. All erosion control measures shall be implemented prior to construction and be continued until construction is complete.
7. All disturbed areas not sodded shall be seeded with a mixture of long-term vegetation and quick-growing short-term vegetation for the following conditions. For the months from September through March, the mix shall consist of 70 pounds per acre of long-term seed and 20 pounds per acre of winter rye. For the months of April through August, the mix shall consist of 70 pounds per acre of long-term seed and 20 pounds per acre of millet.
8. A pad of rubble riprap shall be placed at the bottom of all collection flumes and collection pipe outlets.
9. The location of the utilities shown in the plans is approximate only. The exact location shall be determined by the contractor during construction.
10. The contractor shall waste all excess earth on site as directed by the engineer.
11. All site construction shall be in accordance with the Columbia County Land Development Regulations.
12. Contractor shall provide an as-built survey meeting the requirements of Chapter 61G17 F.A.C. for the stormwater management systems. Include horizontal and vertical dimensional data so that improvements are located and delineated relative to the boundary. Provide sufficient detailed data to determine whether the improvements were constructed in accordance with the plans. Submit the survey to the engineer on reproducible 20 lb. Vellum.
13. Contractor shall review and become familiar with all required utility connections prior to bidding. Contractor shall provide all work and materials required to complete connection to the existing utilities. This includes, but is not limited to, manhole coring, wet taps, pavement repairs and directional boring.
14. Contractor shall coordinate all work with other contractors within project limits.
15. Contractor shall sod all slopes of 3' horizontal to 1' vertical and staple sod all slopes of 2' horizontal to 1' vertical.
16. All construction of armament shown in these plans shall conform to FDOT indexes and specifications.
17. All stormwater pipes shall have a minimum cover of 6". Use Limerock backfill if pipe under pavement has less than 12" cover.
18. Potable water to be supplied by the individual well, and wastewater sewage to be provided by the on-site septic system.



SIGN SHALL BE PLACED IN FRONT OF ALL DESIGNATED HANDICAPPED SPACES. SIGN TO BE PLACED ON PAVEMENT TO BOTTOM OF SIGN. 5' HANDICAPPED AISLE MAY BE PLACED ON THE RIGHT OR LEFT SIDE OF PARKING STALL.

HANDICAPPED PARKING SYMBOL SHALL BE 3 OR 5 FT. HIGH AND BLUE IN COLOR. SEE SITE PLAN FOR ADDITIONAL PARKING STALL DIMENSIONS.

**PARKING STALL DETAIL**  
NTS



**INSPECTIONS BY COUNTY ENGINEER OR REPRESENTATIVES**

1. Completion of clearing and grubbing. Visual only - no test requirements.
2. Rough graded and drainage structures in place. Test results L.B.R. - pipe backfill density.
3. Subgrade complete. Test results - density.
4. Limerock placed and finished. Test results - thickness, cross-section and density.
5. Asphaltic concrete in place. Test results - thickness and density.
6. Final inspection for acceptance to be performed by county engineer, public works director and county commissioner (should he/she desire to attend).
7. The developer/contractor shall be responsible for notifying the director of public works representative when each construction phase is ready for inspection.

**COLUMBIA COUNTY ROADWAY CONSTRUCTION REQUIREMENTS FOR DEVELOPERS GENERAL REQUIREMENTS**

1. The roadway construction plans must be reviewed and approved prior to commencing construction.
2. All materials and construction shall conform to the requirements of the FDOT Standard Specifications for Road and Bridge Construction.
3. The materials and construction shall be certified by a testing laboratory retained by the developer or contractor. Copies of all test results shall be provided prior to acceptance.
4. All traffic control and safety items (striping, stop bars, regulatory signs, etc.) shall be in place.
5. The temporary grass shall be sufficient to control erosion.
6. Final inspection for acceptance to be performed by county engineer, public works director and county commissioner (should he/she desire to attend).



P.O. Box 187  
130 West Howard Street  
Live Oak FL, 32064  
Phone: (386) 362-3678  
Fax: (386) 362-6133

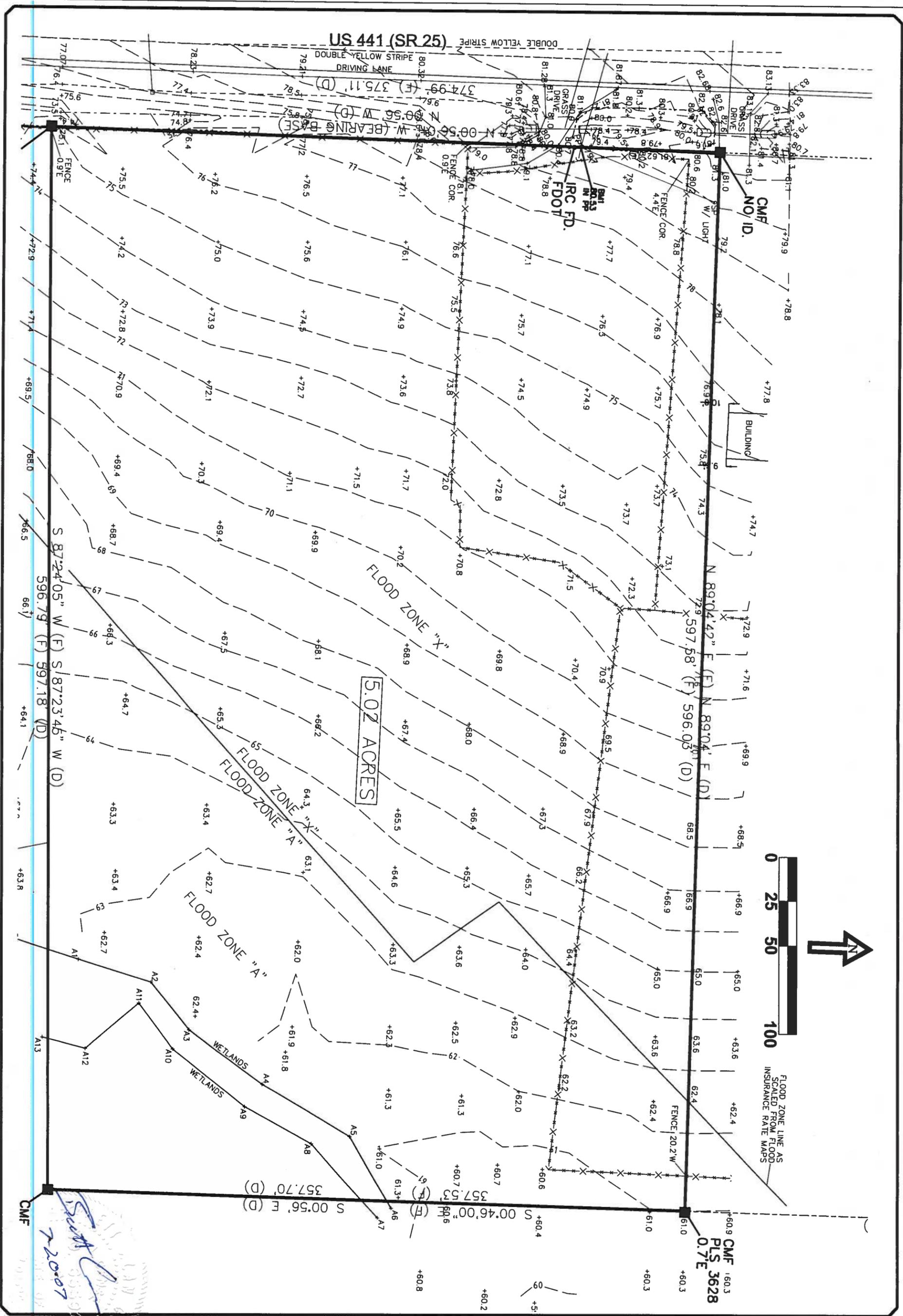
DATE	REVISION NOTES

**ELLISVILLE MINI-STORAGE  
GENERAL NOTES  
AND DETAILS**

PROJECT NUMBER  
**PF07-030**

SHEET  
**1**

*Bob Lee*  
7-20-07



PROJECT NUMBER		DATE	REVISION NOTES
PF07-030			
SHEET			
2			

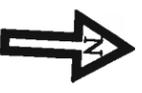
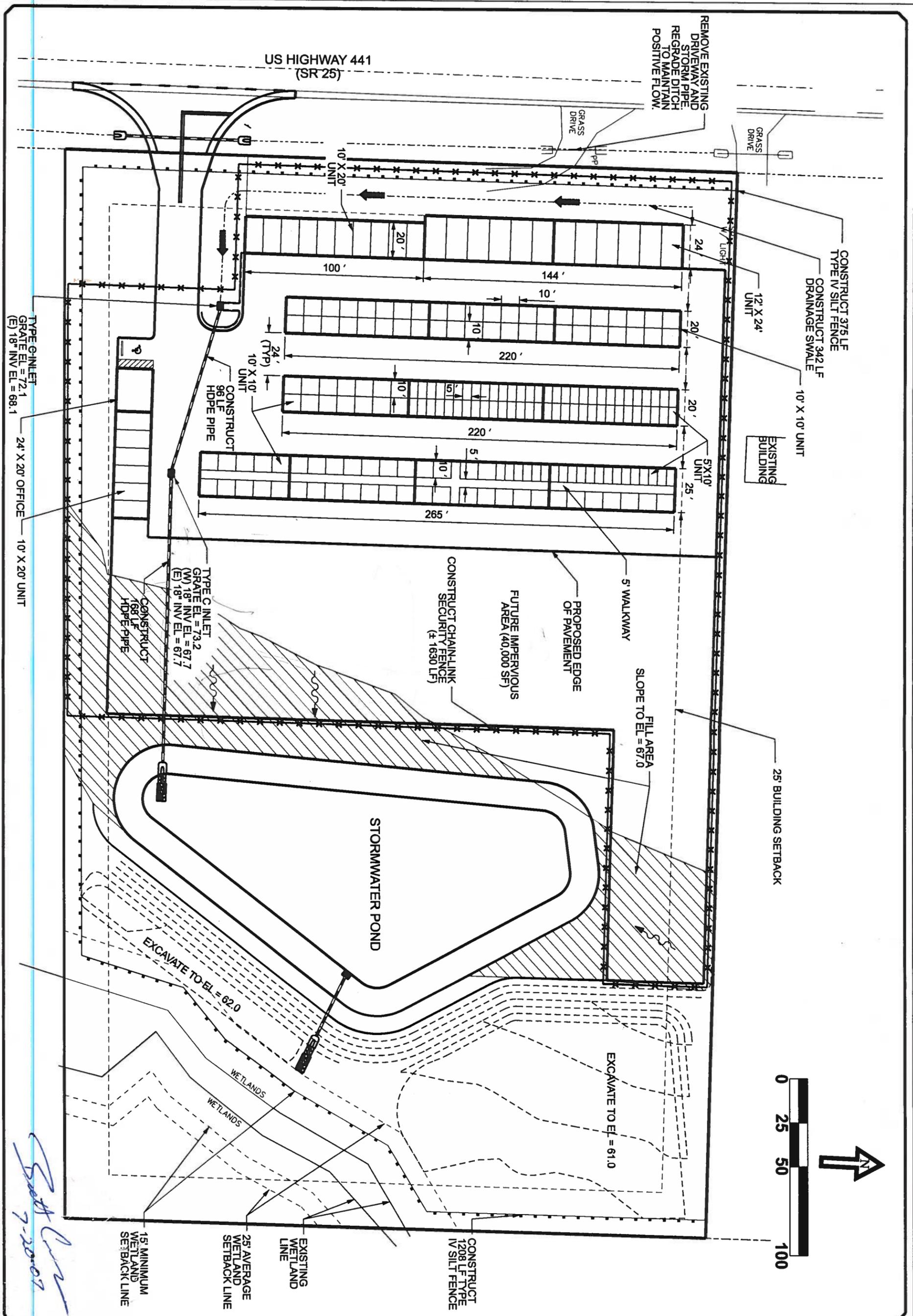
**ELLISVILLE MINI-STORAGE**  
**EXISTING CONDITIONS**



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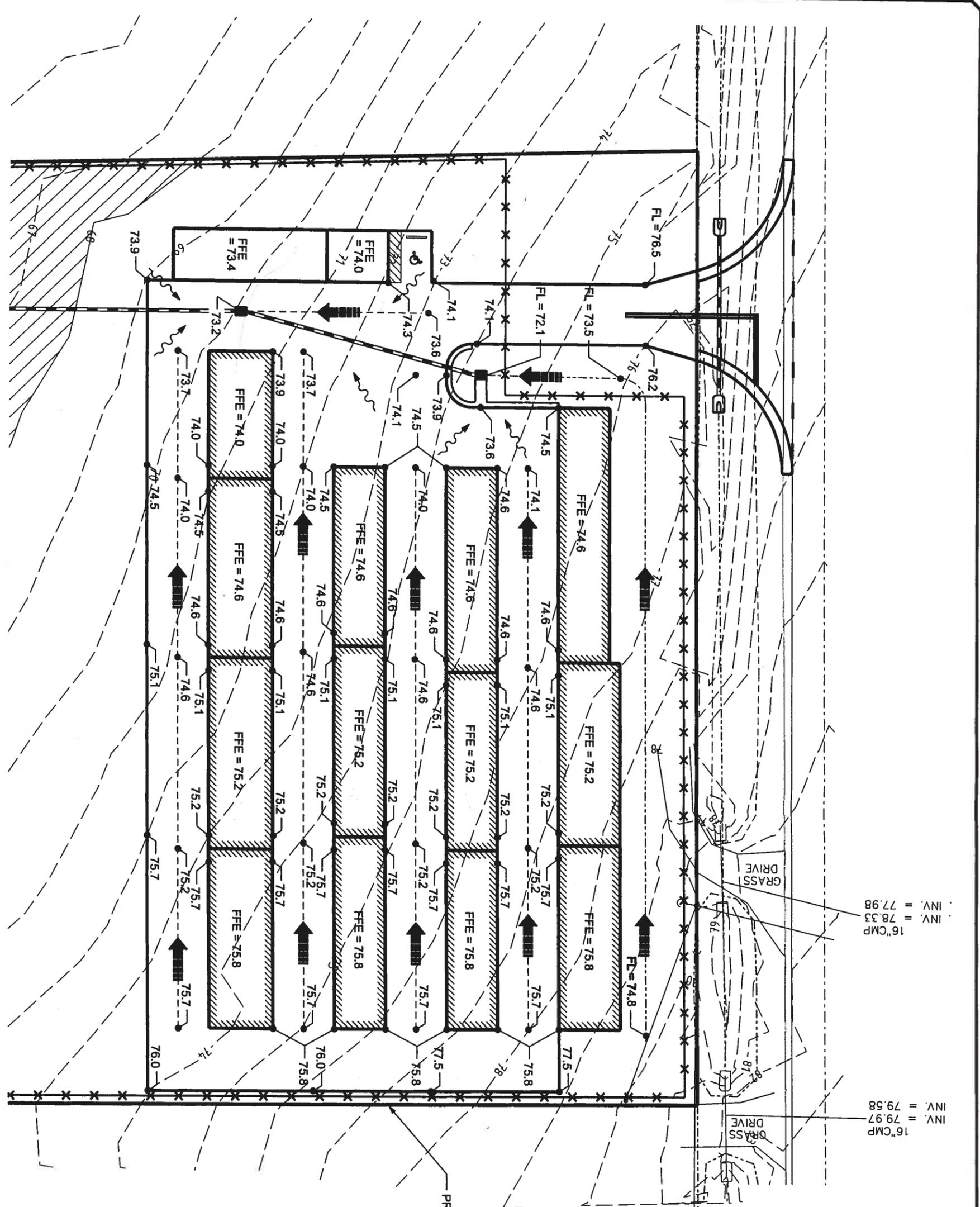
DATE	REVISION NOTES

*Handwritten signature and date:*  
 7-20-07



*Scott Lee*  
7-20-07

PROJECT NUMBER <b>PF07-030</b>	SHEET <b>3</b>	<b>ELLISVILLE MINI STORAGE</b>  <b>SITE PLAN</b>	STRUCTURAL/CIVIL ENGINEERS	P.O. Box 187 130 West Howard Street Live Oak FL, 32064 Phone: (386) 362-3678 Fax: (386) 362-6133	DATE	REVISION NOTES



16" CMP  
 INV. = 77.98  
 INV. = 78.33

16" CMP  
 INV. = 79.97  
 INV. = 79.58



*Handwritten signature and date:*  
 [Signature]  
 7-20-07

DATE	REVISION NOTES



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 Live Oak FL, 32064  
 Phone: (386) 362-3678  
 Fax: (386) 362-6133

STRUCTURAL/CIVIL ENGINEERS

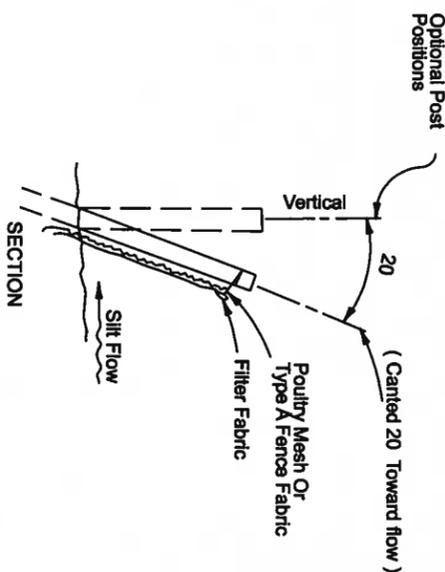
**ELLISVILLE MINI STORAGE**  
**GRADING PLAN**

PROJECT NUMBER  
**PF07-030**

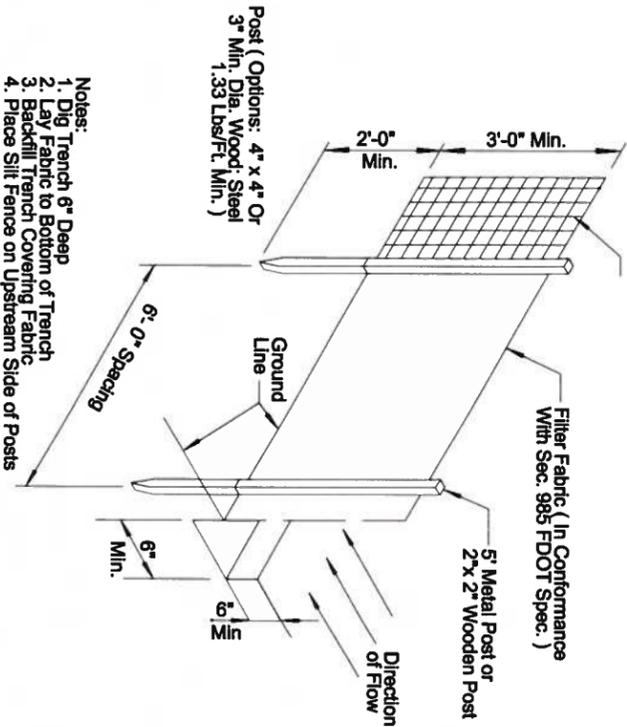
SHEET  
**4**

**EROSION CONTROL NOTES**

1. Contractor shall adhere to SRWMD and other governing authorities for erosion and sediment control regulations. Contractor shall use BMP's from "The Florida Development Manual".
2. Sediment and erosion control facilities, storm drainage facilities and detention basins shall be installed prior to any other construction.
3. Erosion control measures shall be inspected weekly and after each rainfall and replaced as necessary.
4. Sediment and erosion control measures shall not be removed until all construction is complete and until a permanent ground cover has been established.
5. All open drainage swales shall be grassed and riprap shall be placed as required to control erosion.
6. Silt fences shall be located on site to prevent sediment and erosion from leaving right-of-way limits.
7. Additional erosion control devices shall be used as required.
8. Silt fence shall be cleaned or replaced when silt builds up to within one foot of top of silt fence.
9. During construction and after construction is complete, all structures shall be cleaned of all debris and excess sediment.
10. All grades areas shall be stabilized immediately with a temporary fast-growing cover and/or mulch.
11. A pad of rubble riprap shall be placed at the bottom of all collection flumes and collection pipe outlets.
12. All disturbed areas not sodded shall be seeded with a mixture of long-term vegetation and quick-growing short-term vegetation for the following conditions. For the months from September through March, the mix shall consist of 70 pounds per acre of long-term seed and 20 pounds per acre of winter rye. For the months of April through August, the mix shall consist of 70 pounds per acre of long-term seed and 20 pounds per acre of millet.
13. Staked silt fences shall be placed near all box culvert extensions in accordance with FDOT Standard Index 102.
14. Disturbed areas shall be stabilized with sodding and grassing and mulching. All side slopes steeper than 3:1 shall be adequately protected from erosion through the use of hay bales or sodding.
15. All stabilization practices shall be initiated as soon as practicable in areas of the job where construction activities have temporarily or permanently stopped, but in no case shall the disturbed area be left unprotected for more than three (3) days.
16. If the proposed erosion control plan does not work, the contractor should use the BMP's in the Florida Erosion and Sediment Control Inspector's manual to implement a plan that will work and meet actual field conditions.
17. All waste generated on the project shall be disposed of by the contractor in areas provided by contractor.
18. Loaded haul trucks shall be covered with tarps.
19. Excess dirt shall be removed daily.
20. Fertilizer shall be applied as specified in the plans and specifications.
21. This project shall comply with all water quality standards. Permit required from SRWMD has been obtained.
22. All pollution controls shall be maintained at all times.
23. Straw bales shall be placed to remove sediment. Straw bales shall be replaced after three (3) months or when sediment reaches one-half (1/2) the height of the bales.
24. Qualified personnel shall inspect the area used for storage of stockpiles, the silt fence and straw bales, the location where vehicles enter or exit the site, and the disturbed areas that have not been finally stabilized, at least once every seven (7) calendar days and within 24 hours of the end of a storm of 0.2 inches or greater.
25. Sites that have been finally stabilized with sod or grassing shall be inspected at least once every week.
26. Contractor is responsible for the construction and maintenance of all erosion and sedimentation controls during proposed construction.



Poultry Mesh ( 20 Ga. Min. )  
Or Type A Fence Fabric  
( Index No. 451 & Sec. 966  
FDOT Spec. ) - Where Required

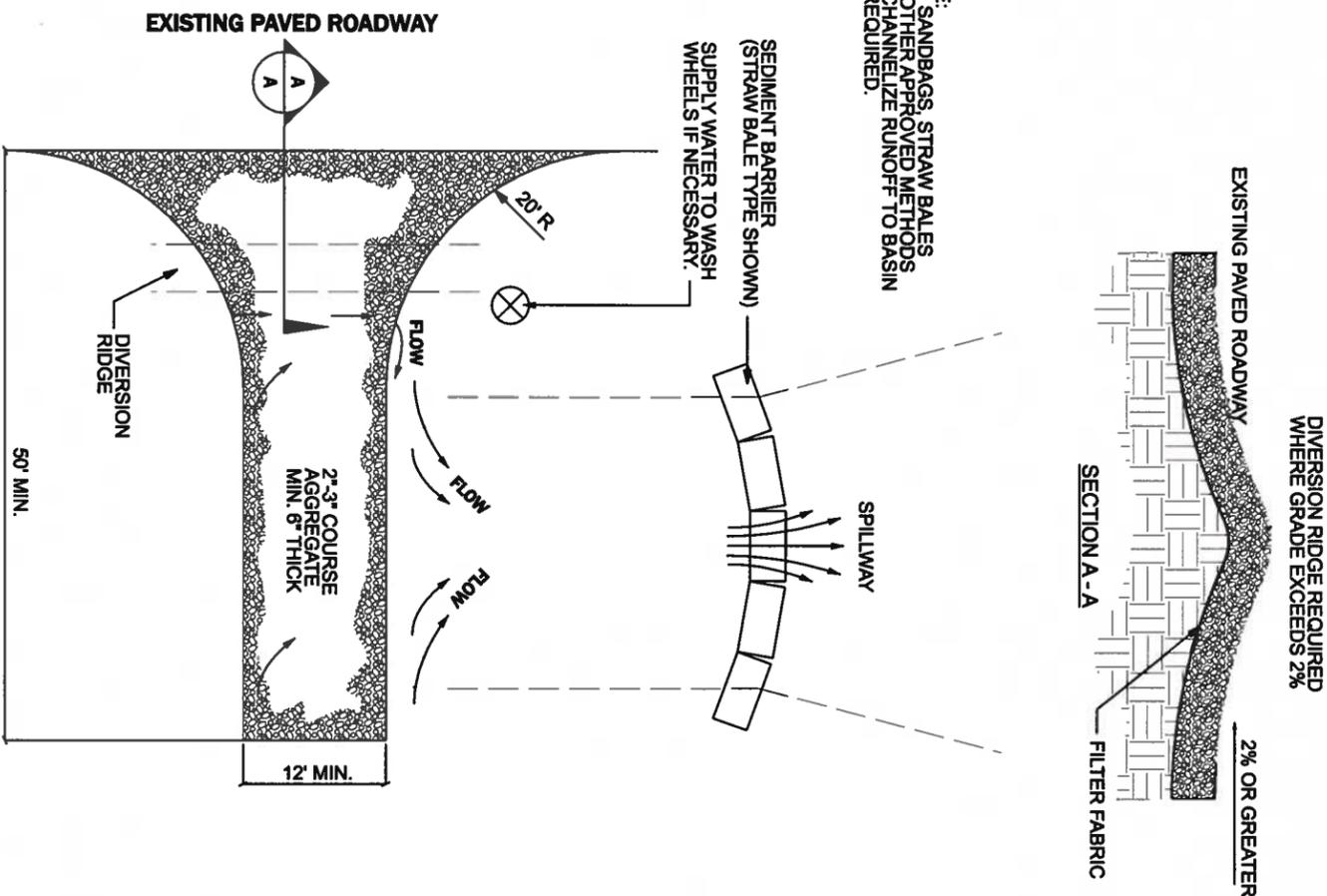


- Notes:  
1. Dig Trench 6" Deep  
2. Lay Fabric to Bottom of Trench  
3. Backfill Trench Covering Fabric  
4. Place Silt Fence on Upstream Side of Posts

**TYPE IV SILT FENCE**

AS COMPARED TO TYPE III SILT FENCE, TYPE IV FENCE HAS GREATER STRENGTH AND HEIGHT WHICH REDUCES THE POSSIBILITY OF SEDIMENT AND WATER FROM OVERTOPPING THE FENCE. AS A RESULT, AVOID USING THE IV FENCE IN AREAS WHERE THE DEAINED WATER WOULD BACK INTO TRAVEL LANES OR OFF THE RIGHT OF WAY.

NOTE:  
USE SANDBAGS, STRAW BALES OR OTHER APPROVED METHODS TO CHANNELIZE RUNOFF TO BASIN AS REQUIRED.



- NOTES:  
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE TOP DRESSING REPAIR AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT.  
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY.  
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS ONTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

**TEMPORARY GRAVEL CONSTRUCTION ENTRANCE**

NTS

PLAN

*Sub Case*  
7-20-07

DATE	REVISION NOTES

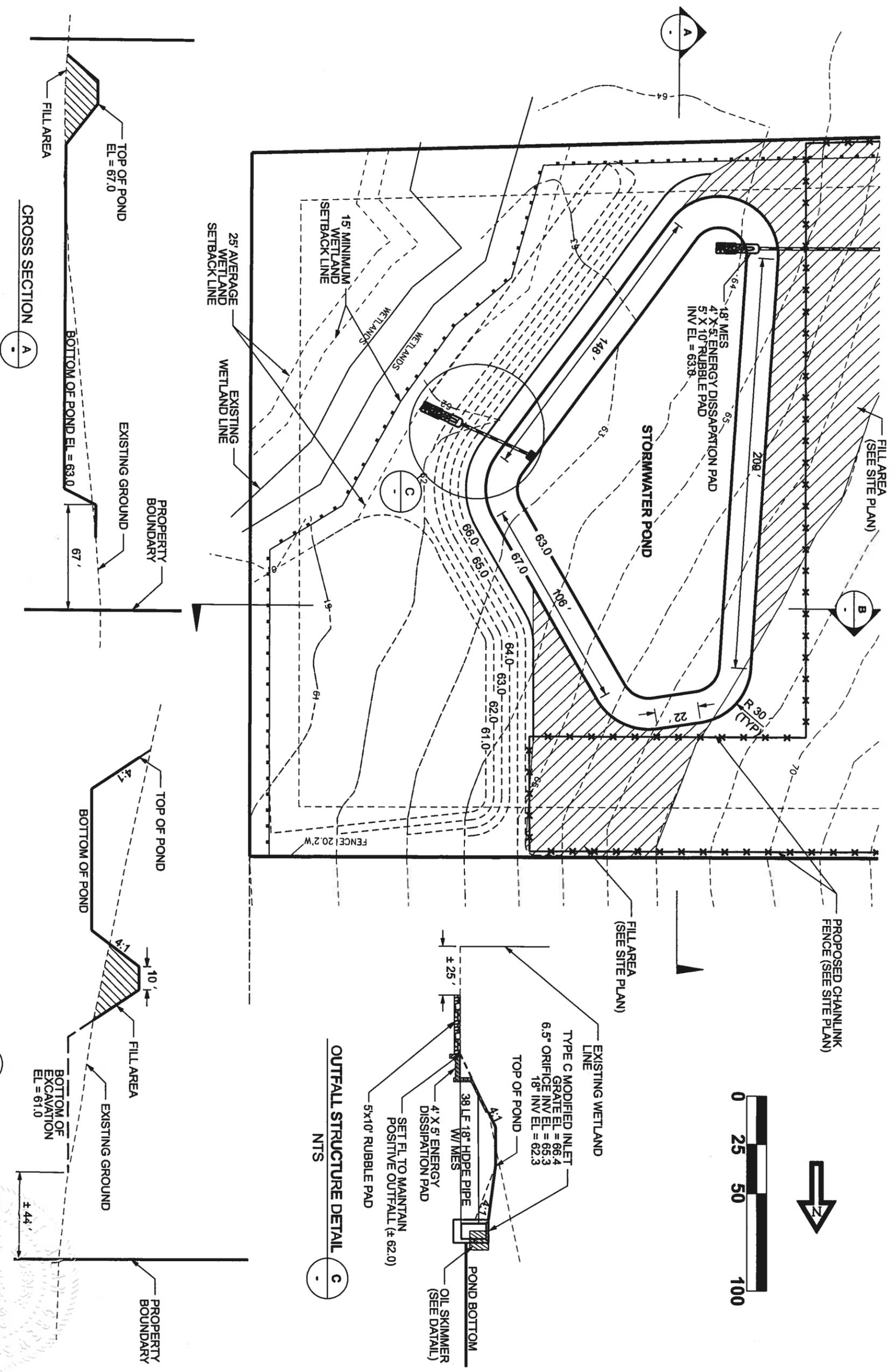
P.O. Box 187  
130 West Howard Street  
Live Oak FL, 32064  
Phone: (386) 362-3678  
Fax: (386) 362-6133



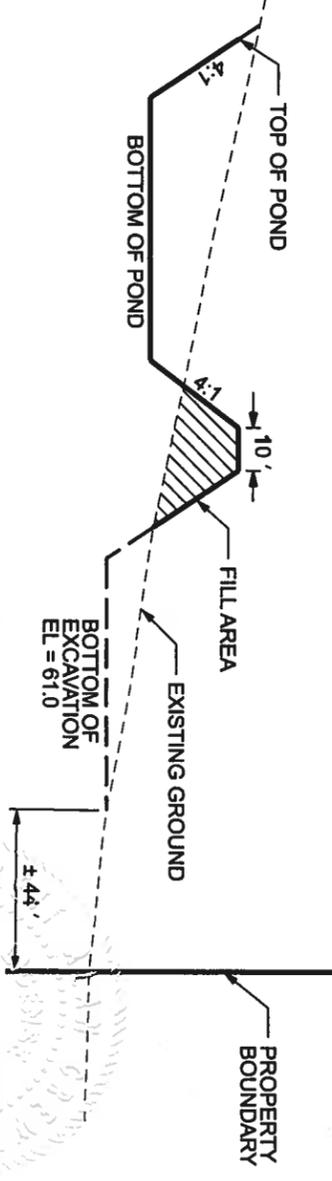
**ELLISVILLE MINI-STORAGE  
EROSION CONTROL  
NOTES & DETAILS**

PROJECT NUMBER  
**PF07-030**

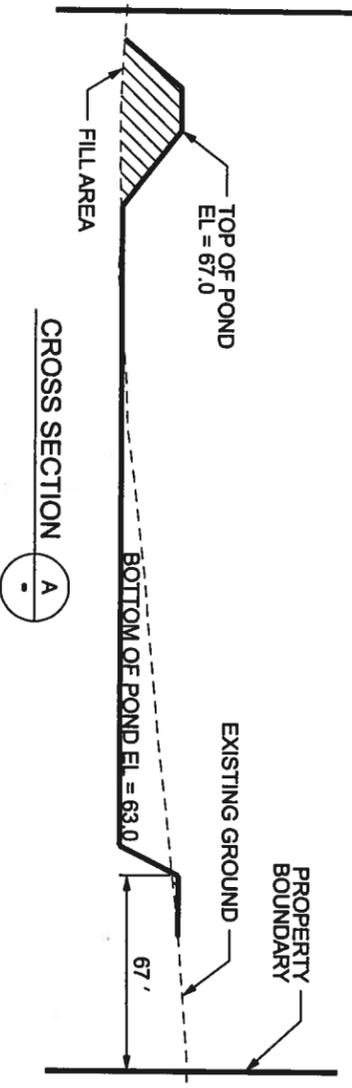
SHEET  
**5**



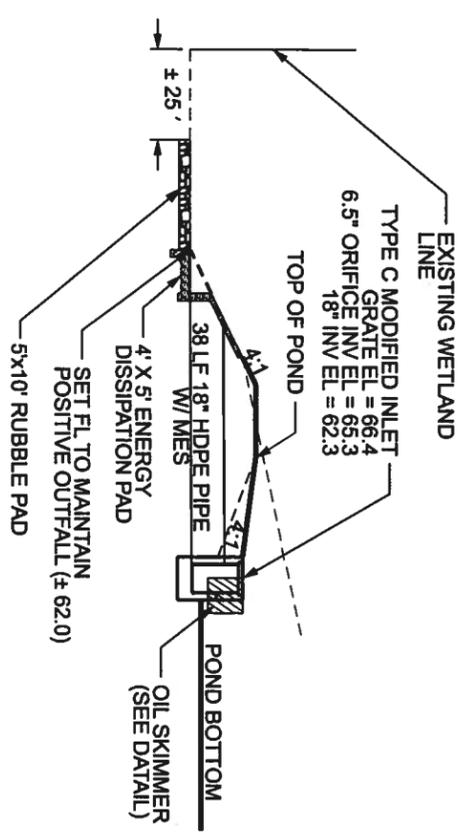
CROSS SECTION B



CROSS SECTION A



OUTFALL STRUCTURE DETAIL NTS



**ELLISVILLE MINI STORAGE**  
**STORMWATER POND**



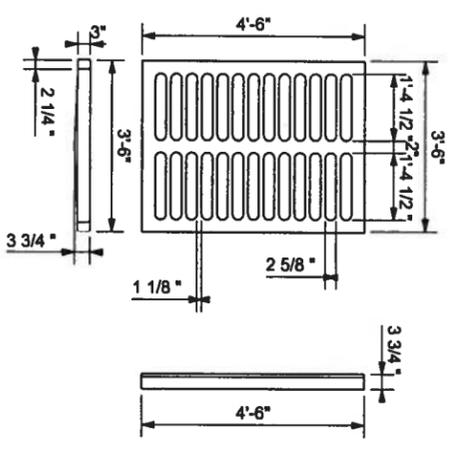
P.O. Box 187  
130 West Howard Street  
Live Oak FL, 32064  
Phone: (386) 362-3678  
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DATE	REVISION NOTES

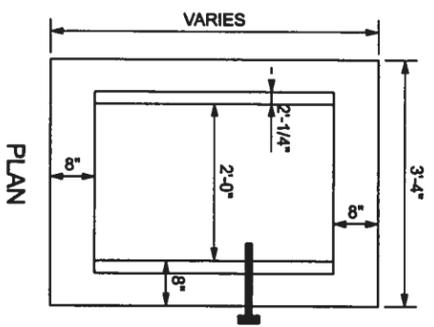
PROJECT NUMBER  
**PF07-030**

SHEET  
**6**

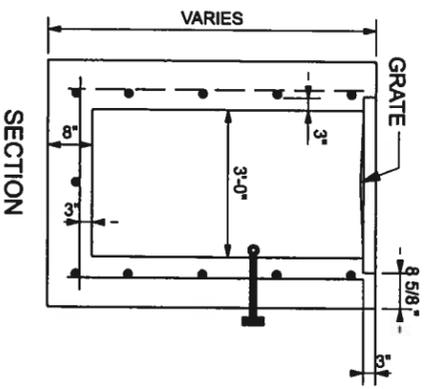
*Scott Carter*  
7-20-07



TYPE C INLET - GRATE  
APPROX. WEIGHT 235 LBS.

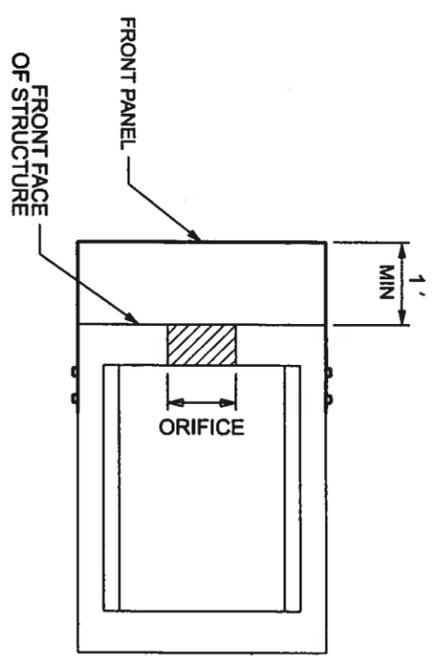


PLAN

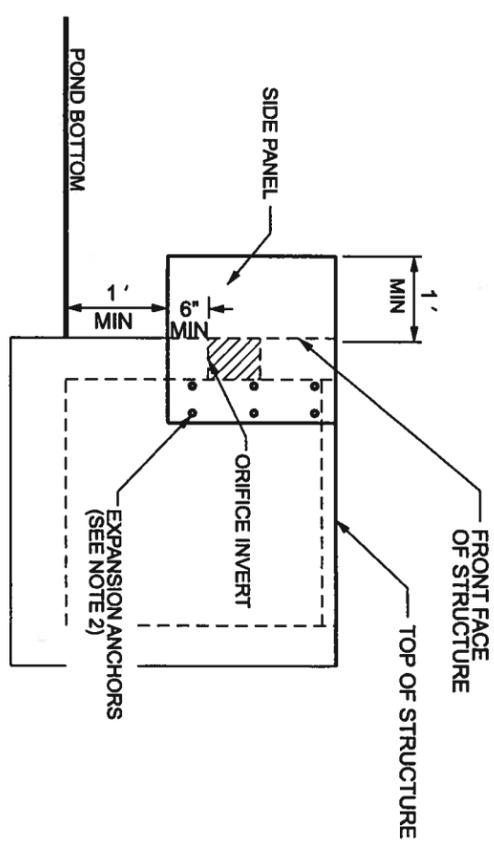


SECTION

TYPE C INLET - DETAIL  
RECOMMENDED MAXIMUM PIPE SIZE:  
2'-0" WALL 18" PIPE  
3'-1" WALL 24" PIPE (18" WHERE ON 18" PIPE ENTERS A 2'-0" WALL)



FRONT PANEL OF STRUCTURE



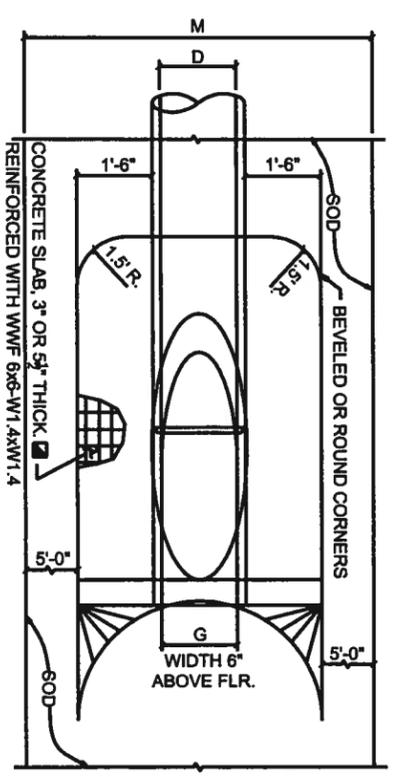
PLAN VIEW

SIDE VIEW

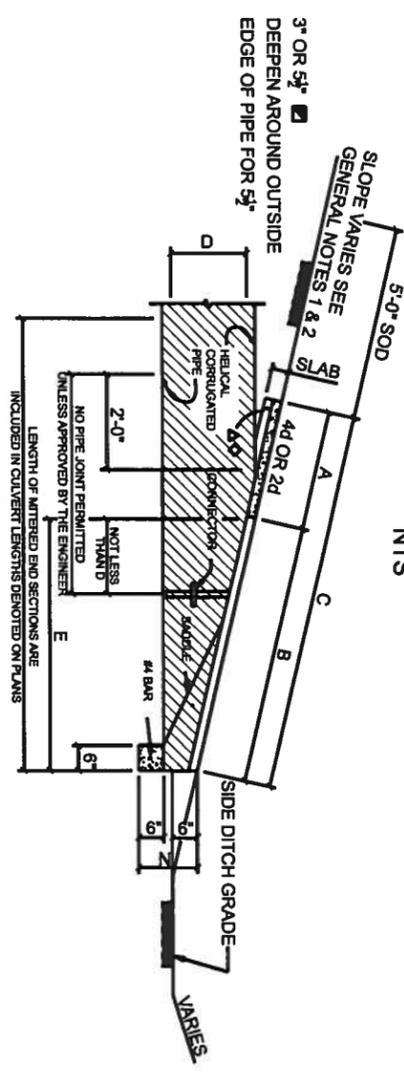
- NOTES:
- 1.) THE LOCATION OF THE REINFORCING STEEL IN THESE STRUCTURES MUST CONFORM TO THE APPLICABLE STANDARDS TO AVOID CONFLICT WITH THE EXPANSION ANCHORS USED TO ATTACH SKIMMERS
  - 2.) EXPANSION ANCHORS SHALL BE PLACED IN LOCATIONS TO ENSURE THE OIL SKIMMER IS SECURELY FASTENED TO THE STRUCTURE

ALUMINUM OIL SKIMMER DETAIL  
NTS

DIMENSIONS AND QUANTITIES												
4d SLOPE	D	X	A	B	C	E	F	G	M		CONC. (CY)	CONC. (SY)
									SINGLE PIPE	N		
15'	2'-7"	2.5'	3.09'	5.59'	3.0'	7'	1.23'	4.33'	1.04'	0.44		22
18'	2'-10"	2.5'	4.12'	6.62'	4.0'	8'	1.41'	4.58'	1.04'	0.49		24
24'	3'-5"	2.5'	6.18'	8.68'	6.0'	10'	1.73'	5.08'	1.04'	0.65		27



TOP VIEW - SINGLE PIPE  
NTS



SECTION  
NTS

\* SLOPE: 4d MITER: TO C.L. PIPE FOR PIPES 16" AND SMALLER.  
2d FOR PIPES 24" AND LARGER.  
2d MITER: TO C.L. PIPE FOR PIPES 18" AND SMALLER.  
1d FOR PIPES 24" AND LARGER.

CONCRETE MITERED END SECTION DETAIL  
NTS

DATE	REVISION NOTES

**EG**  
STRUCTURAL/CIVIL ENGINEERS

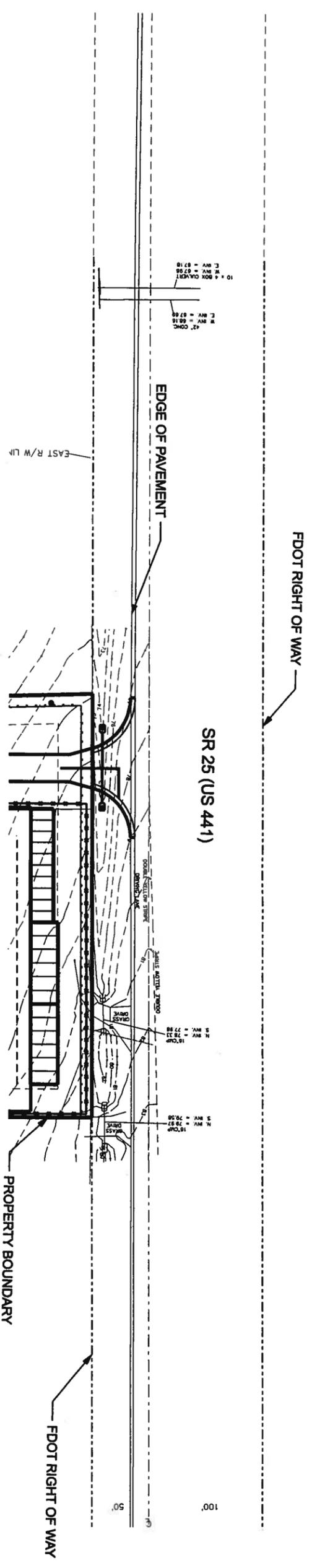
P.O. Box 187  
130 West Howard Street  
Live Oak FL, 32064  
Phone: (386) 362-3678  
Fax: (386) 362-6133

**ELLISVILLE MINI-STORAGE  
MISCELLANEOUS  
NOTES AND DETAILS**

PROJECT NUMBER  
**PF07-030**

SHEET  
**7**

*Sub 7-20-07*



**FDOT CONNECTION AND DRAINAGE NOTES**

1. The driveway connection is to be constructed in accordance with the Florida Department of Transportation Standard Specifications for Road and Bridge Construction (Current Edition) and the Roadway and Traffic Design Standards (Current Edition).
2. The traffic signs and pavement markings shall conform to the requirements of the Manual on Uniform Traffic Control Devices (Current Edition) and the Florida Department of Transportation Roadway and Traffic Design Standards (Current Edition). According to State Indexes 17302 & 17346, all pavement markings pertaining to the driveway access permitted through FDOT shall be constructed with certified lead-free, thermoplastic material. This requirement shall include any driveway(s) "Special Pavement Markings" shown to the permitted access connection and shall include those markings lying both ON and OFF the State Right-of-Way.
3. All permitted pavement striping pertaining to this access permit shall require Certified Lead Free Thermoplastic Marking Materials as the final placement item. Temporary Traffic bearing paint shall be required to be in place 30 minutes before official shutdown. Temporary Traffic Bearing Paints and Thermoplastic Marking Materials shall be Lead Free and shall meet/obtain FDOT minimum specifications for Night Reflectivity. Temporary R/W's shall be installed during both temporary and permanent striping phases.
4. Failure by the permittee and/or his/her contractor to have a certified striping crew on site before the start of paving can be reason to suspend the approved permit until such time as the permittee and/or his/her contractor corrects the situation to the satisfaction of the on-site State FDOT Permits Personnel/Inspector.
5. The existing asphalt paved shoulder shall be mechanically saw cut and removed as well as all pre-existing sub grade materials within the limits of the project improvements, work zone, or as may be called for under the state FDOT permit.
6. Maintenance of traffic shall be performed in accordance with the Florida Department of Transportation Roadway and Traffic Design Standard Indexes 600 & 625.
7. The contractor shall obtain three (3) density tests according to the FDOT Standard Specifications for Road and Bridge Construction (Current Edition). Lime rock shall be compacted to 98% of the maximum density as determined by AASHTO 180. A copy of the tests shall be submitted to FDOT before starting any paving operations.
8. All areas disturbed within FDOT right-of-way shall be resodded with "Certified Coastal Bermuda Grass Sod." All sod shall be installed to FDOT satisfaction before paving may commence.
9. All FDOT right-of-way restoration, grass sod placement and/or seeding and straw mulch required under this approved state access permit shall be in place and have received two (2) waterings and also have received a passing inspection for permit compliance for this item before any type of asphalt paving or concrete driveways can commence upon state FDOT right-of-way property. Be aware that no paving or concrete pours can commence until all of the above restoration over said project.
10. All areas of the State right-of-way within the limits of construction with a proposed finish grade slope of 1:4 or steeper shall be completely covered with Certified Coastal Bermuda Grass or an FDOT approved alternative grass sod. This provision shall be met a minimum of 24 hours in advance of any planned paving or concrete pour that is approved under the FDOT access or drainage permit. Refer to the attached permit cover letter and/or approved site plan or plan notes on R/W restoration for additional restoration provisions and other sodding specifications.
11. All permitted and proposed work/construction upon State FDOT right-of-way shall conform to the State of Florida's most current Roadway and Traffic Design Standards Manual, the State FDOT's Standard Specification for Road and Bridge Construction, the approved permit provisions, cover letter general, and Special permit provisions.
12. The permittee or legal representative shall contact the local State of Florida FDOT Maintenance Permits Office having jurisdiction over this approved permit. A minimum of 48 hours in advance of the planned activation of said access permit for the explicit purpose of setting up the mandatory pre-construction meeting with all parties involved in the construction of this project. Contact can be made by calling 386-961-7180 or 7183 or 7148 Tuesday through Friday, 7:00 A.M. to 5:00 P.M. Failure on the permittee or his general construction contractor's part to make advanced contact for a mutually agreed upon pre-construction meeting shall be reason for suspension of the approved FDOT Access Permit.
13. If drainage connection has been permitted and is required as a provision of the approved FDOT site plan and physical connection into an existing FDOT structure(s) is required; then the actual entry shall be made by smooth core method only, with no more than maximum of 0.500 of an inch overtop allowed. The permittee shall make advanced preparations to have the FDOT permit inspector on site at the time of commencement of entry to ensure a water tight seal is made to FDOT standards. Neither the permittee nor any representative of the permittee shall conduct this phase of the project without an FDOT inspector on site. All permitted and approved or required pavement markings shall be constructed with lead-free, thermoplastic materials in accordance with FDOT Index No. 17346 under special pavement markings.
14. All permitted aboveground signage shall conform to FDOT Index No. 11860 and 17302. Aboveground posted signs and sign bracket attachments shall be installed prior to the final driveway construction in accordance with FDOT Indexes 11860 and 17302.
15. Failure to abide by the attached general special permit provisions, as well as the attached cover letter (a legal part of the permit) shall be reason to suspend any or all FDOT approved permitted activities until such time that the situation has been corrected to FDOT satisfaction.
16. No paving shall commence until all required density tests have been delivered to the FDOT Lake City Maintenance, Access Permits Office and have met the minimum FDOT specifications.
17. Mill and resurface as required to provide smooth intersection of state road and proposed driveway connection.
18. Contractor shall coordinate with FDOT inspector on site to determine exact location of stop bar.

*Submittal*  
*7-20-07*

DATE	REVISION NOTES

**CG**  
 STRUCTURAL/CIVIL ENGINEERS

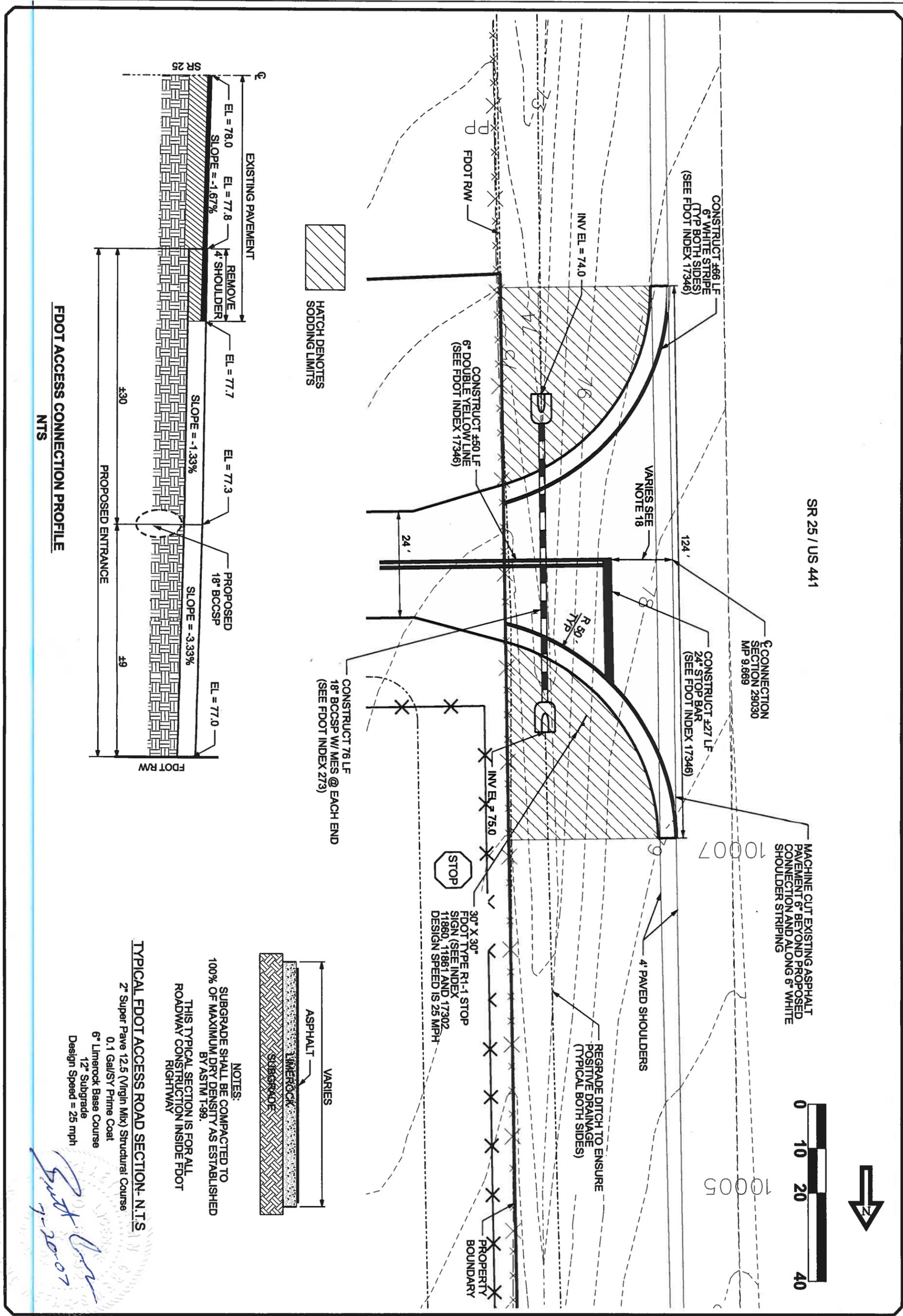
P.O. Box 187  
 130 West Howard Street  
 Live Oak FL, 32064  
 Phone: (386) 362-3678  
 Fax: (386) 362-6133

**ELLISVILLE MINI-STORAGE  
 FDOT DRIVEWAY  
 CONNECTION AND DETAILS**

PROJECT NUMBER  
**PF07-030**

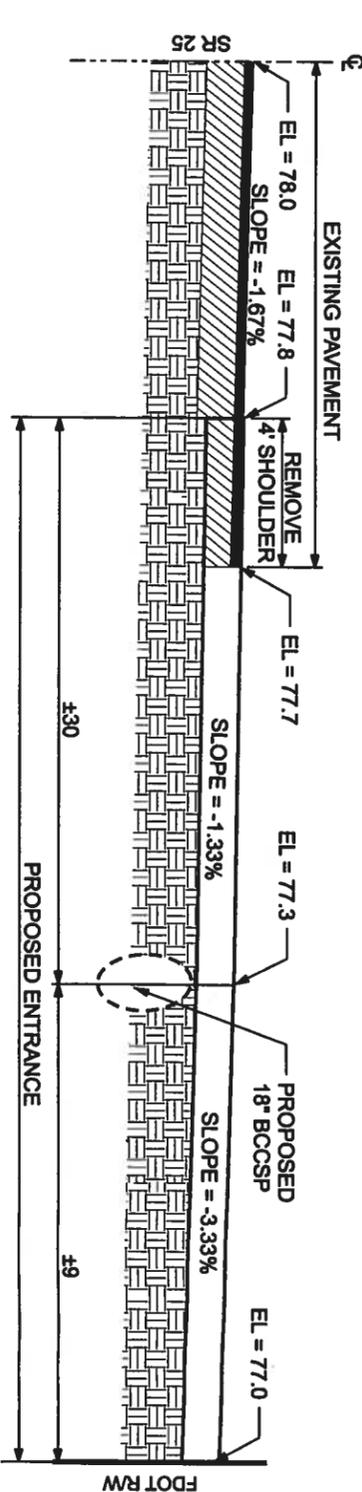
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SR 25 / US 441

MACHINE CUT EXISTING ASPHALT PAVEMENT 6" BEYOND PROPOSED CONNECTION AND ALONG 6" WHITE SHOULDER STRIPING



HATCH DENOTES SODDING LIMITS



NOTES:  
 SUBGRADE SHALL BE COMPACTED TO 100% OF MAXIMUM DRY DENSITY AS ESTABLISHED BY ASTM T-99.  
 THIS TYPICAL SECTION IS FOR ALL ROADWAY CONSTRUCTION INSIDE FDOT RIGHTWAY

TYPICAL FDOT ACCESS ROAD SECTION - N.T.S.

- 2" Super Pave 12.5 (Virgin Mix) Structural Course
- 0.1 Gal/SY Prime Coat
- 6" Limerock Base Course
- 12" Subgrade
- Design Speed = 25 mph

**FDOT ACCESS CONNECTION PROFILE**  
 N.T.S.

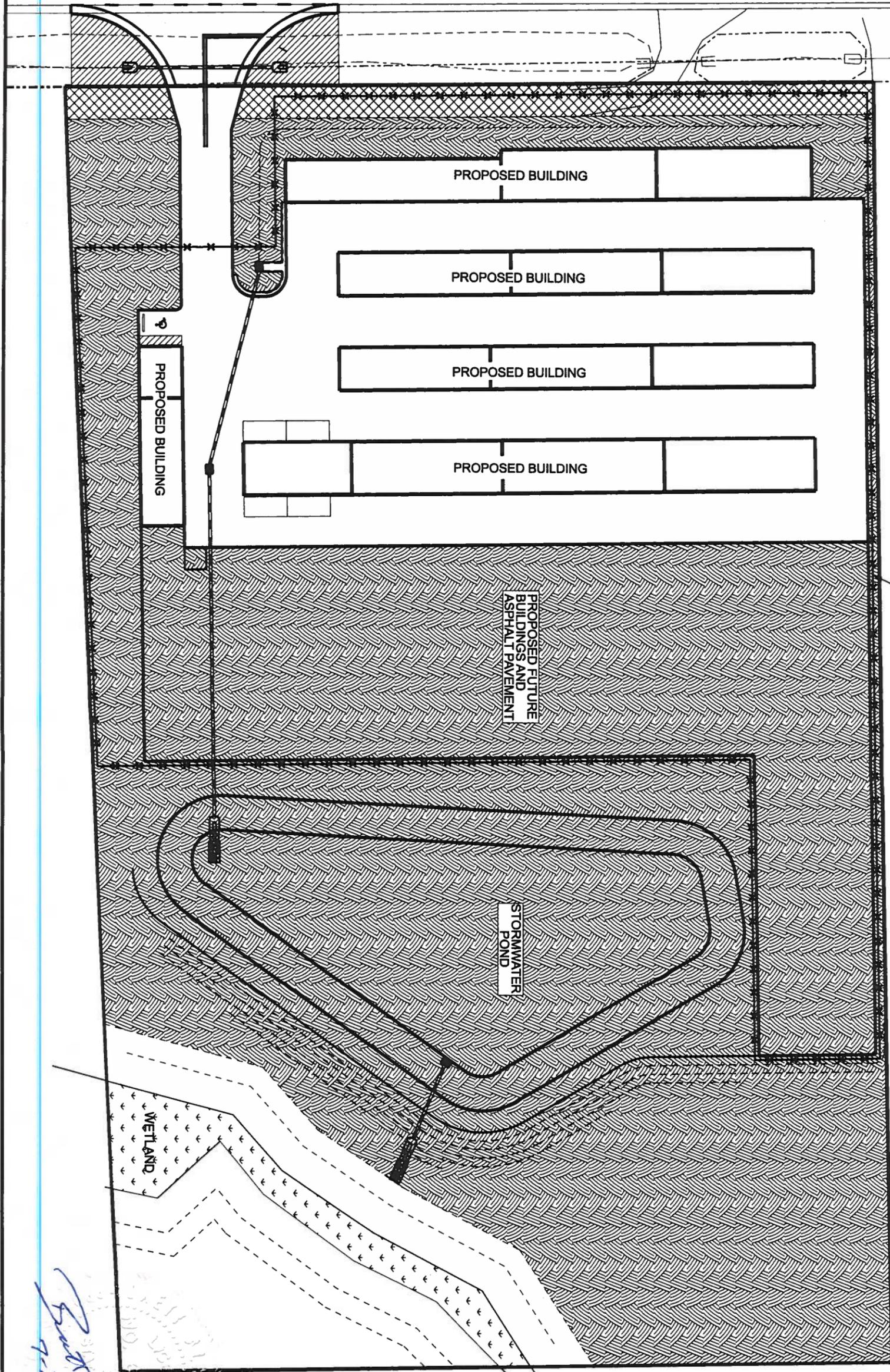
*Sub 7-20-07*

<p><b>ELLISVILLE MINI-STORAGE</b>  <b>FDOT DRIVEWAY</b>  <b>CONNECTION AND DETAILS</b></p>	<p>STRUCTURAL/CIVIL ENGINEERS</p>	<p>P.O. Box 187                  130 West Howard Street                  Live Oak FL, 32064                  Phone: (386) 362-3678                  Fax: (386) 362-6133</p>	DATE	REVISION NOTES

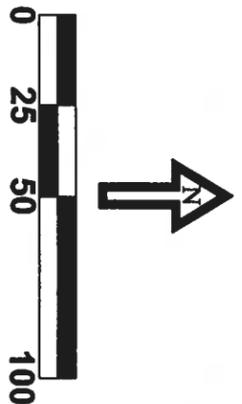
PROJECT NUMBER  
**PF07-030**

SHEET  
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US HIGHWAY 441  
(SR 25)

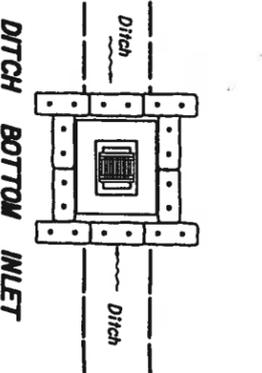
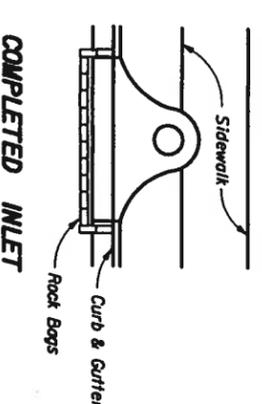
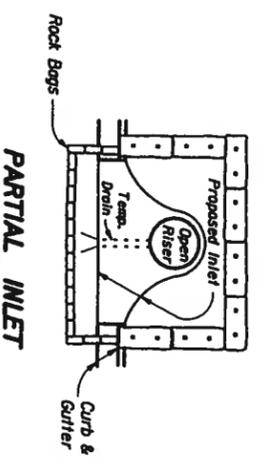


- LEGEND**
-  GRASSSED AREA
  -  LANDSCAPE AREA
  -  WETLANDS AREA

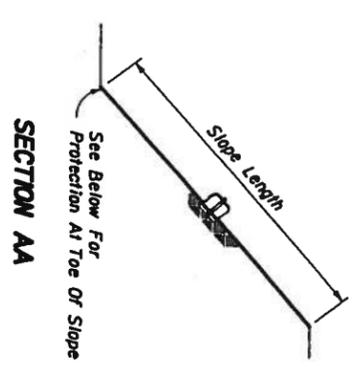
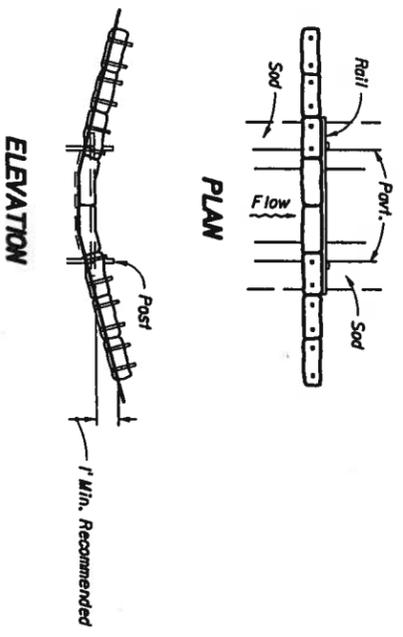


*Bob*  
7/12/07  
9:20:01

SHEET <b>10</b>	PROJECT NUMBER <b>PF07-030</b>	<b>ELLISVILLE MINI STORAGE</b>  <b>LANDSCAPE PLAN</b>	 P.O. Box 187 130 West Howard Street Live Oak FL, 32064 Phone: (386) 362-3678 Fax: (386) 362-6133 STRUCTURAL/CIVIL ENGINEERS	DATE	REVISION NOTES

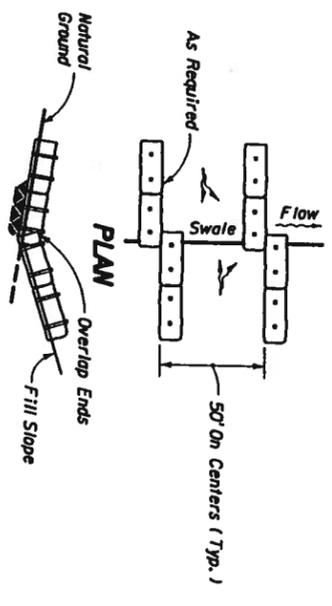
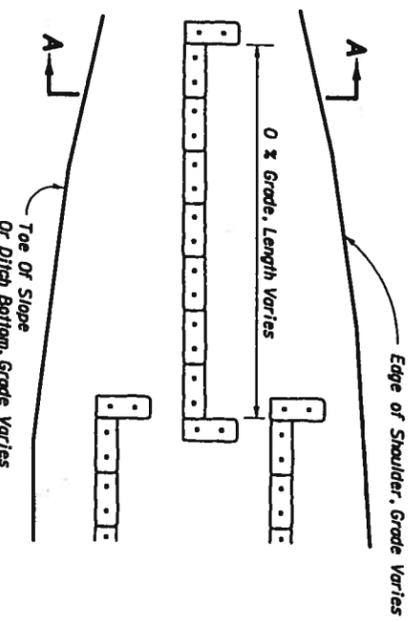


**PROTECTION AROUND INLETS OR SIMILAR STRUCTURES**



Note:  
Where the slope length exceeds 25 feet, construct one row of bale barriers of 0% longitudinal grade midway up the slope. Construct two rows of bale barriers where the slope length exceeds 50 feet.

**ALONG FILL SLOPE**

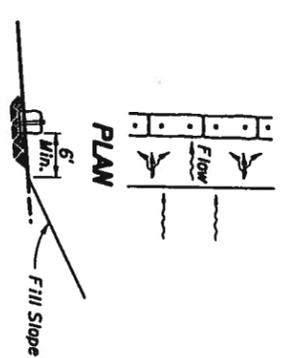


**ELEVATION**  
TO BE USED WHERE THE NATURAL GROUND SLOPES TOWARD THE TOE OF SLOPE

**AT TOE OF SLOPE**

**BARRIERS FOR FILL SLOPES**

**ELEVATION**  
TO BE USED WHERE THE NATURAL GROUND SLOPES AWAY FROM THE TOE OF SLOPE

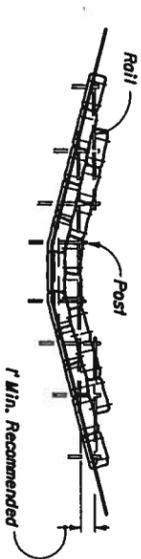


**NOTES FOR BALED HAY OR STRAW BARRIERS**

1. Type I and II Barriers should be spaced in accordance with Chart 1, Sheet 1.
2. Hay bales shall be trenched 3" to 4" and anchored with 2 - 1" x 2" (or 1" dia.) x 4' wood stakes. Stakes of other material or shape providing equivalent strength may be used if approved by the Engineer. Stakes other than wood shall be removed upon completion of the project.
3. Rails and posts shall be 2" x 4" wood. Other materials providing equivalent strength may be used if approved by the Engineer.
4. Adjacent bales shall be batted firmly together. Unavoidable gaps shall be plugged with hay or straw to prevent silt from passing.
5. Where used in conjunction with silt fence, hay bales shall be placed on the upstream side of the fence.
6. Bales to be paid for under the contract unit price for Baled Hay or Straw, EA. The unit price shall include the cost of filter fabric for Type I and II Barriers. Sand bags shall be paid for under the unit price for Sandbagging, CY. Rock bags to be paid for under the contract unit price for Rock Bags, EA.

**BARRIERS FOR UNPAVED DITCHES**

**TYPE II**

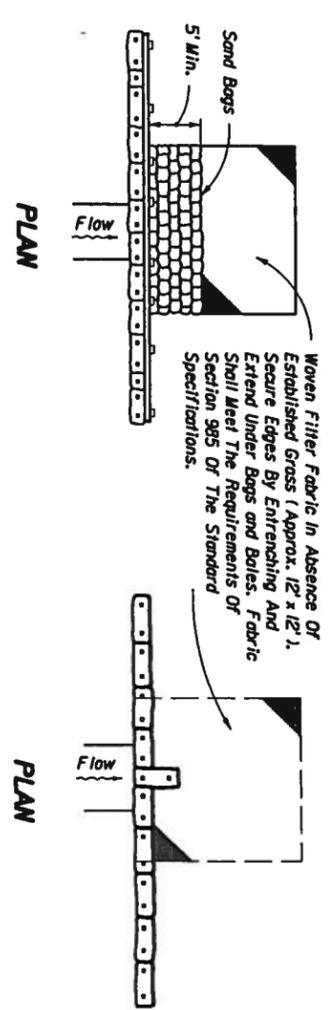


**ELEVATION**

**TYPE I**



**ELEVATION**



2006 FDOT Design Standards

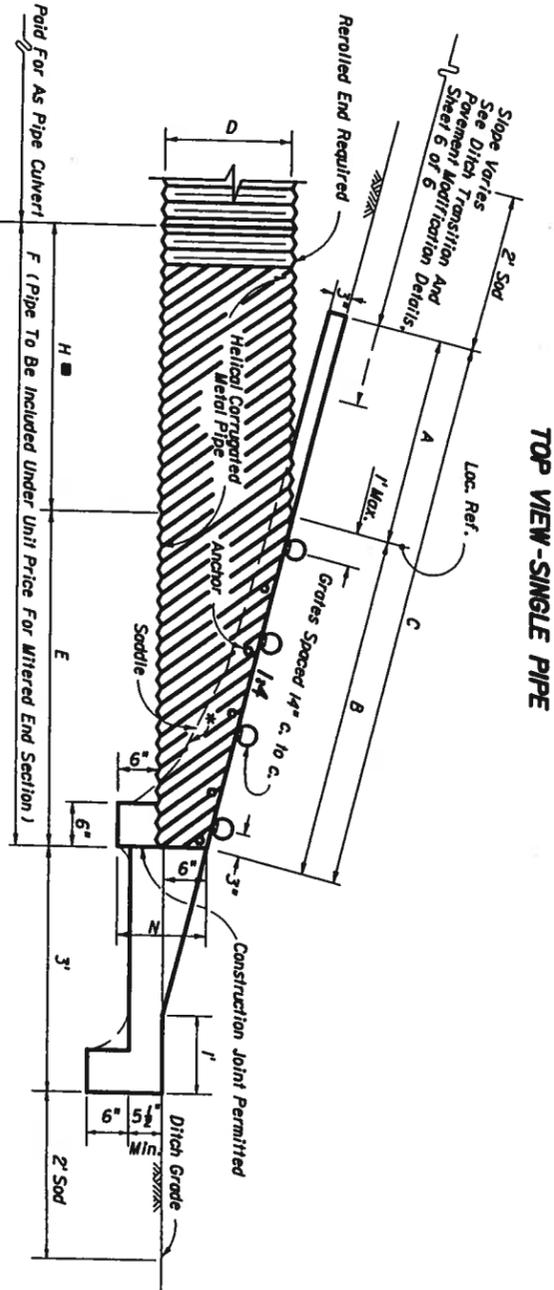
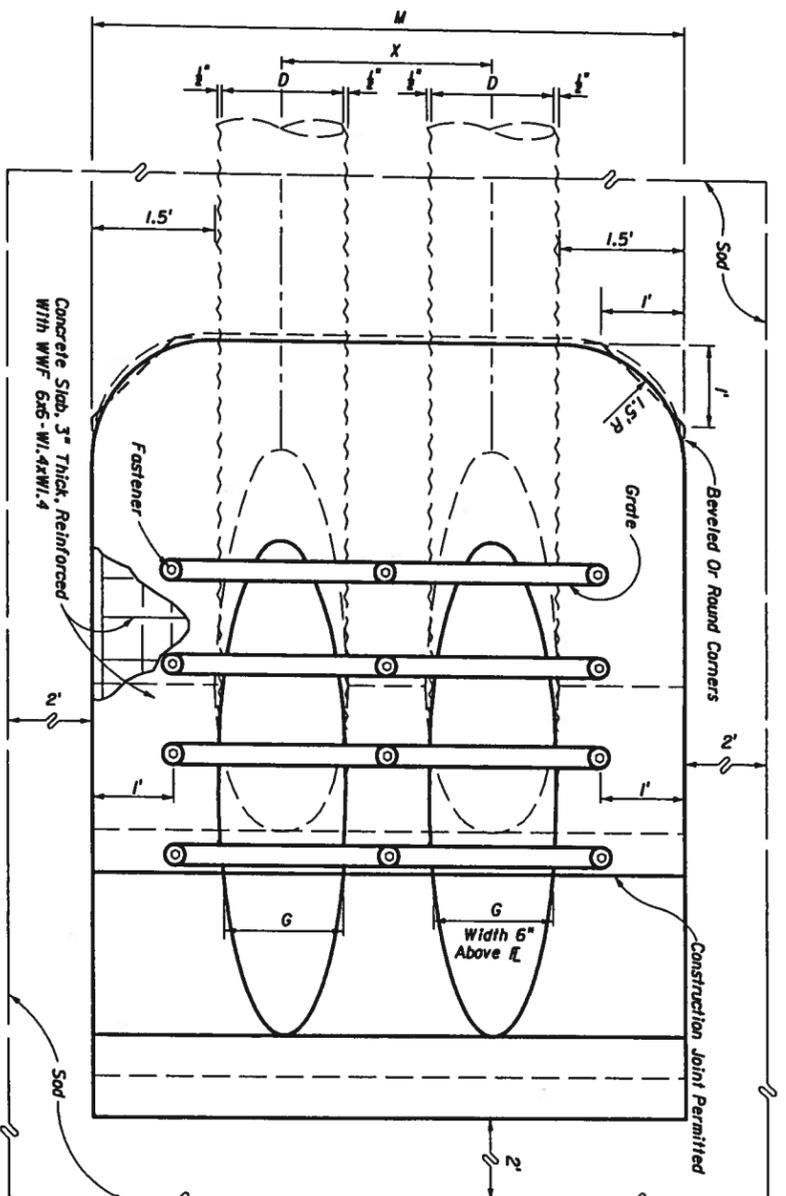
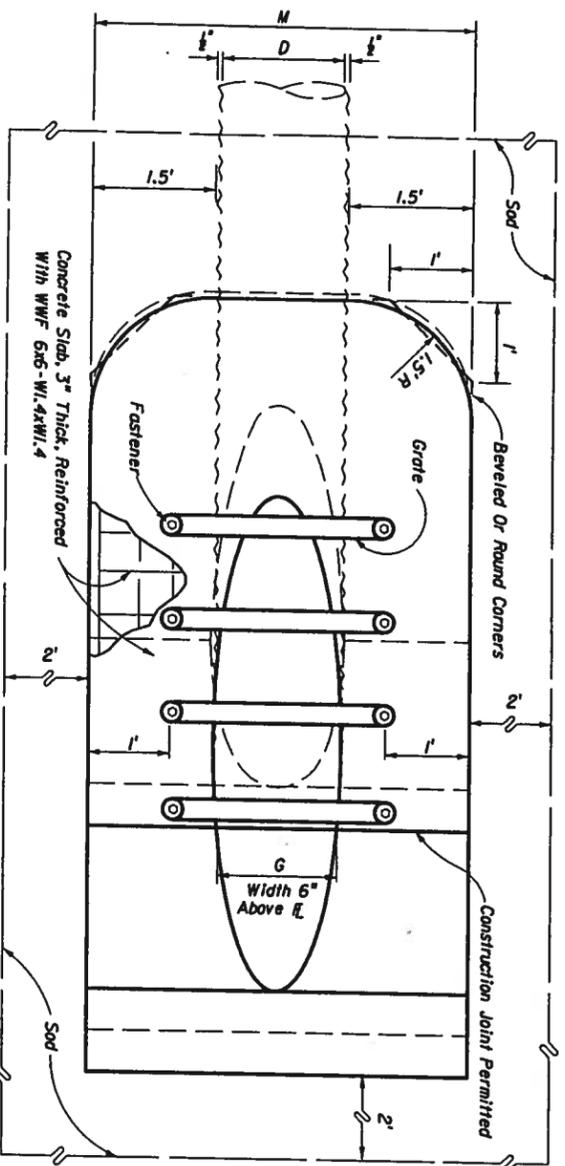
TEMPORARY EROSION AND SEDIMENT CONTROL

Last Revision 00  
Sheet No. 2 of 3

Index No. 102

# DIMENSIONS & QUANTITIES

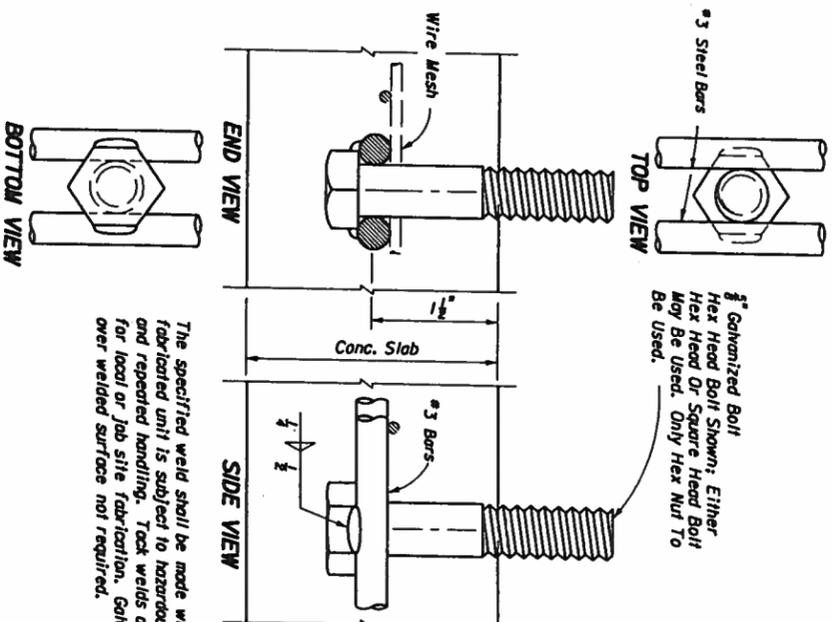
D	X	A	B	C	E	F	G	H	M				GRATE SIZES		CONCRETE (Cu. Yds.)				SODDING (Sq. Yds.)				REMARKS
									Single Pipe	Double Pipe	Triple Pipe	Quad. Pipe	N	Standard Weight Pipe	Extra Strong Pipe	Single Pipe	Double Pipe	Triple Pipe	Quad. Pipe	Single Pipe	Double Pipe	Triple Pipe	
8"	2'-0"	2.5'	0.72'	3.22'	0.7'	4.0'	0.59'	3.3'	3.75'	5.75'	7.75'	9.75'	1.04'			0.52	0.90	1.22	1.54	7	8	8	9
10"	2'-2"	2.5'	1.34'	3.84'	1.3'	5.0'	0.81'	3.7'	3.92'	6.08'	8.25'	10.41'	1.04'			0.64	0.99	1.34	1.70	7	8	8	10
12"	2'-4"	2.5'	2.05'	4.56'	2.0'	6.0'	1.00'	4.0'	4.08'	6.42'	8.75'	11.08'	1.04'			0.68	1.09	1.48	1.88	7	8	10	11
15"	2'-7"	2.5'	3.09'	5.59'	3.0'	7.0'	1.23'	4.0'	4.33'	6.92'	9.50'	12.08'	1.04'			0.64	1.00	1.35	1.71	8	9	10	12
18"	2'-10"	2.5'	4.12'	6.62'	4.0'	8.0'	1.41'	4.0'	4.58'	7.42'	10.25'	13.08'	1.04'			0.69	1.09	1.49	1.89	9	10	11	14
24"	3'-5"	2.5'	6.18'	8.68'	6.0'	10.0'	1.73'	4.0'	5.08'	7.83'	10.83'	15.33'	1.04'	2 1/2"	3"	0.83	1.34	1.82	2.34	10	11	13	15
30"	4'-3"	2.5'	8.25'	10.75'	8.0'	12.0'	2.00'	4.0'	6.08'	8.50'	11.77'	16.25'	1.04'	3"	3 1/2"	0.96	1.63	2.32	2.99	12	14	17	19
36"	5'-1"	2.5'	10.31'	12.81'	10.0'	14.0'	2.24'	4.0'	6.08'	11.17'	14.08'	18.33'	1.04'	3"	3 1/2"	1.20	1.92	2.77	3.62	13	16	18	21
42"	6'-0"	2.5'	12.37'	14.87'	12.0'	16.0'	2.45'	4.0'	6.58'	12.58'	16.25'	24.58'	1.04'	2 1/2"	3"	1.20	2.25	3.34	4.61	14	17	20	23
48"	6'-9"	2.5'	14.43'	16.93'	14.0'	18.0'	2.65'	4.0'	7.08'	13.83'	18.58'	27.33'	1.04'	2 1/2"	3"	1.60	3.11	4.62	6.12	14	17	20	23
54"	7'-8"	2.5'	16.49'	18.99'	16.0'	20.0'	2.83'	4.0'	7.58'	15.25'	20.92'	30.58'	1.04'	3"	4"	1.76	3.56	5.34	7.14	15	19	22	26
60"	8'-6"	2.5'	18.55'	21.05'	18.0'	22.0'	3.00'	4.0'	8.08'	16.58'	22.08'	33.58'	1.04'	3"	4"	1.94	4.03	6.12	8.20	17	20	24	28



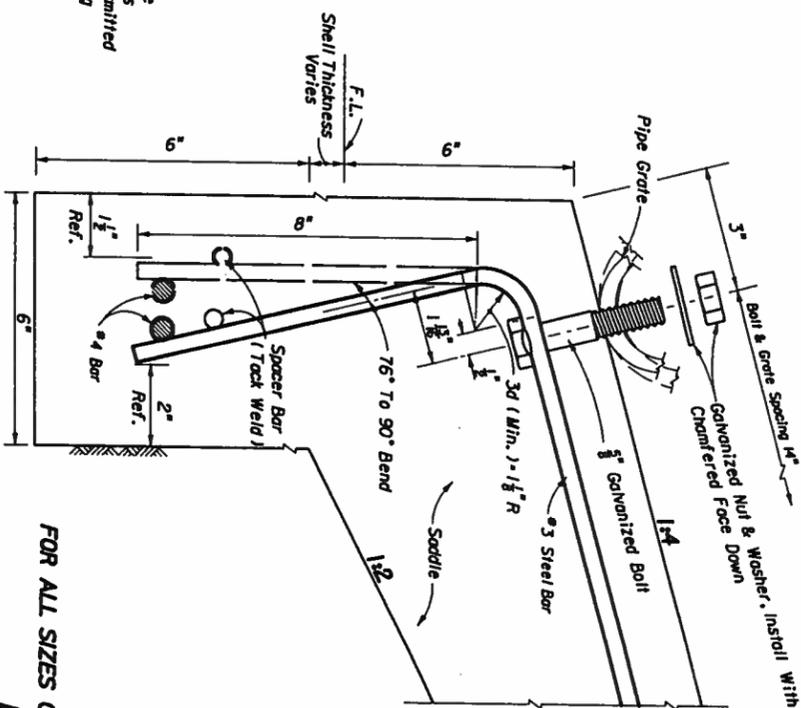
NOTE: See Sheets 5 and 6 for details and general notes.

\*Slope:  
To 6" Pipe For Pipe 18" And Smaller  
1/2" For Pipe 24" And Larger

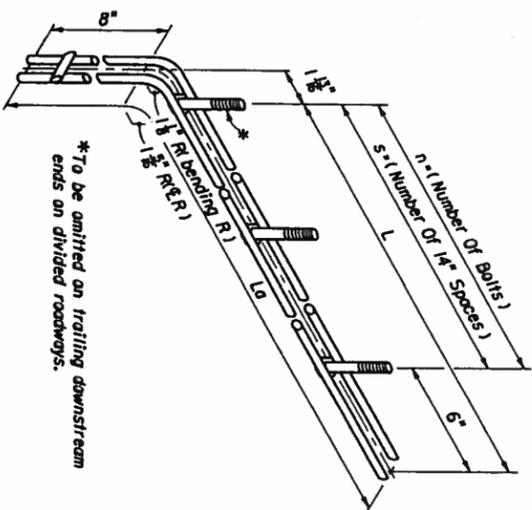




The specified weld shall be made when the fabricated unit is subject to hazardous loads and repeated handling. Tack welds are permitted for local or job site fabrication. Galvanizing over welded surface not required.



FOR ALL SIZES OF SINGLE AND MULTIPLE DRAIN PIPE FASTENER UNIT



\*To be omitted on trailing downstream ends on divided roadways.

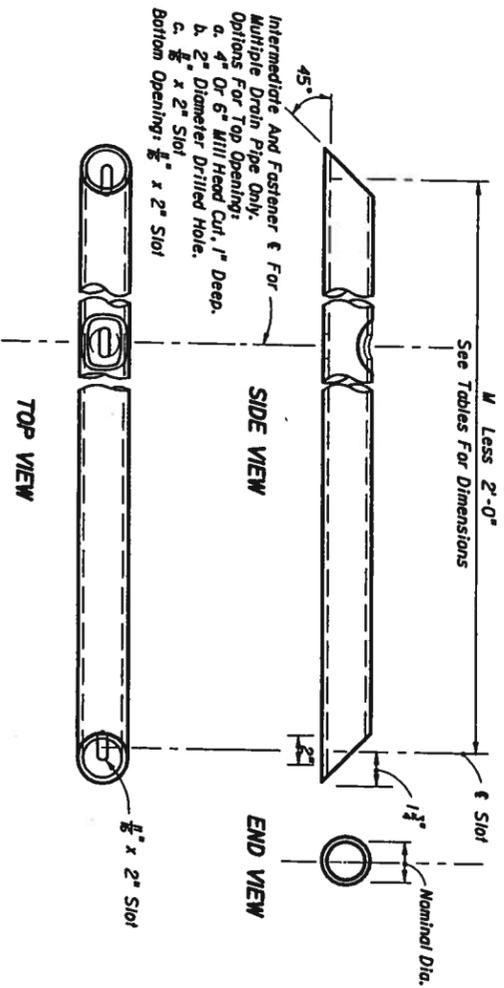
Drain Size	s	n	L	La
CONCRETE PIPE (ROUND)				
15"	3	4	4'-0"	4'-11"
18"	4	5	5'-2"	6'-1"
24"	6	7	7'-6"	8'-5"
30"	7	10	8'-8"	9'-7"
36"	9	12	11'-0"	11'-11"
42"	11	14	13'-4"	14'-3"
48"	13	15	15'-8"	16'-7"
54"	14	15	16'-10"	17'-9"
60"	16	17	19'-2"	20'-1"

Drain Size	s	n	L	La
ELLIPTICAL CONCRETE PIPE				
12" x 18"	2	3	2'-10"	3'-9"
14" x 20"	3	4	3'-0"	4'-11"
18" x 30"	4	5	5'-2"	6'-1"
24" x 36"	5	6	6'-4"	7'-3"
28" x 45"	7	8	8'-8"	9'-7"
34" x 53"	8	9	9'-10"	10'-9"
38" x 60"	10	11	12'-2"	13'-1"
43" x 68"	11	12	13'-4"	14'-3"
48" x 76"	13	14	15'-8"	16'-7"
53" x 83"	15	15	16'-10"	17'-9"
58" x 91"	16	16	18'-0"	18'-11"

Drain Size	s	n	L	La
CORRUGATED METAL PIPE (ROUND)				
15"	2	3	2'-10"	3'-9"
18"	3	4	4'-0"	4'-11"
24"	5	6	6'-4"	7'-3"
30"	7	8	8'-8"	9'-7"
36"	8	9	9'-10"	10'-9"
42"	10	12	12'-2"	13'-1"
48"	12	13	14'-6"	15'-5"
54"	14	15	16'-10"	17'-9"
60"	15	16	18'-0"	18'-11"

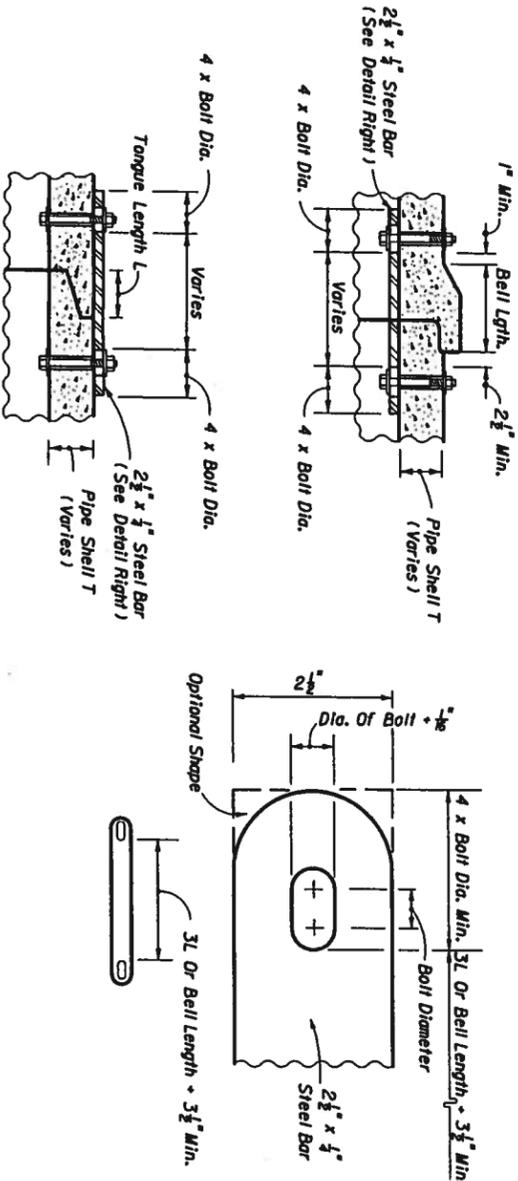
Drain Size (Std. & X-Std.)	Grate Size	Bolt Length
15"	2 1/2"	5 1/2"
18"	3"	6"
24"	3 1/2"	6 1/2"
30"	4"	7"

\*\*To be used only when grates are called for in the plans. \*\*\*1974 AASHTO Pipe Arch Sizes.



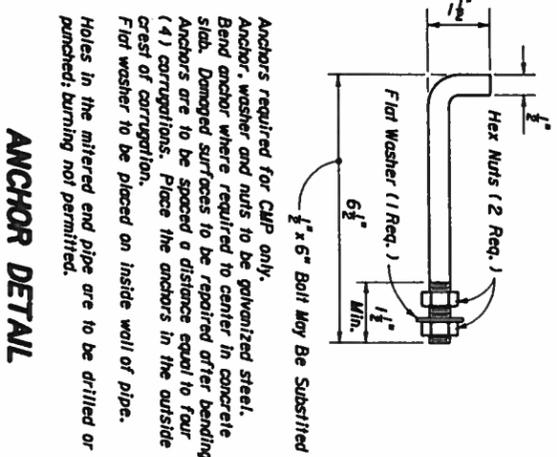
GRATE DETAIL FOR SINGLE & MULTIPLE DRAIN PIPE

See General Notes, Sheet 6.



CONCRETE PIPE CONNECTOR DETAIL

All bars, bolts, nuts and washers are to be galvanized steel. Bolt diameters shall be 3/8" for 15" to 36" pipe and 1/2" for 42" to 60" pipe. Two connectors required per joint, located 60° right and left of bottom center of pipe. Bolt holes in pipe shell are to be drilled.



ANCHOR DETAIL

Anchor required for CIP only. Anchor, washer and nuts to be galvanized steel. Bend anchor where required to center in concrete slab. Damaged surfaces to be repaired after bending. Anchors are to be spaced a distance equal to four (4) corrugations. Place the anchors in the outside crest of corrugation. Flat washer to be placed on inside wall of pipe. Holes in the mitered end pipe are to be drilled or punched; burning not permitted.

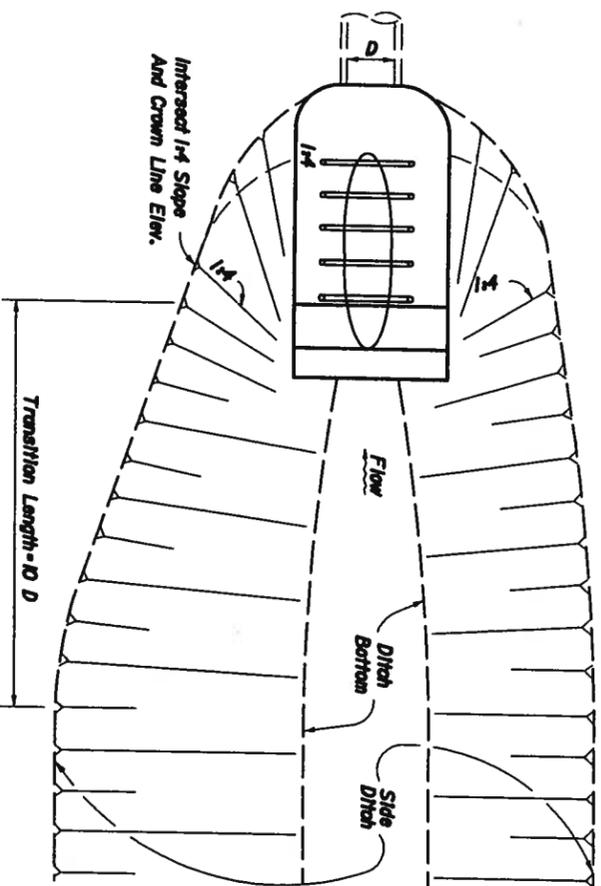


## GENERAL NOTES

1. Unless otherwise designated in the plans, concrete pipe mitered end sections may be used with any type of side drain pipe; corrugated steel pipe mitered end sections may be used with any type of side drain pipe except aluminum pipe; and, corrugated aluminum mitered end sections may be used with any type of side drain pipe except steel pipe. When bituminous coated metal pipe is specified for side drain pipe, mitered end sections shall be constructed with like pipe or concrete pipe. When the mitered end section pipe is dissimilar to the side drain pipe, a concrete jacket shall be constructed in accordance with Index No. 250.
2. Concrete pipe used in the assembly of mitered end sections shall be of selective lengths to avoid excessive connections.
3. Corrugated metal pipe galvanizing that is damaged during bawling and perforating for mitered end section shall be repaired.
4. That portion of corrugated metal pipe in direct contact with the concrete slab and extending 12" beyond shall be bituminous coated prior to placing of the concrete.
5. Corrugated polyethylene pipe (CPE) for side drain application of 15", 18" or 24" diameter shall utilize either corrugated metal or concrete mitered end sections. When used in conjunction with corrugated metal mitered end sections, connection shall be by either a formed metal band specifically designated to join CPE pipe and metal pipe or other coupler approved by the State Drainage Engineer. When used in conjunction with a concrete mitered end section, connection shall be by concrete jacket constructed in accordance with Index No. 250.
6. When existing multiple side drain pipes are spaced other than the dimensions shown in this detail, or have non-parallel axes, or have non-uniform sections, the mitered end sections will be constructed either separately as single pipe mitered end sections or collectively as multiple pipe end sections as directed by the Engineer; however, mitered end sections will be paid for each based on each independent pipe end.
7. In addition to the requirements of Section 430-4, side drain culverts shall comply with the cover requirements shown on Index No. 205.
8. The reinforced concrete slab shall be constructed for all sizes of side drain pipe and cast in place with Class I concrete.
9. Round pipe size 30" or greater, pipe-arch size 35" x 24" or greater and elliptical pipe 18" x 30" or greater shall be grouted unless excepted in the plans. Smaller sizes of pipe shall be grouted only when called for in plans. The lower grout on trailing downstream ends on divided highways shall be omitted.
10. Grates are to be fabricated from steel ASTM A53, Grade B, pipe. The lower grout on all traffic approach ends shall be Schedule 80 and all remaining grates shall be Schedule 40. Grates subject to salt free and corrosive free environment may be fabricated from galvanized pipe, with base metal exposed during fabrication repaired as specified in Section 582, Standard Specifications; or, fabricated from black pipe and hot dipped galvanized after fabrication in accordance with ASTM A423. Grates subject to salt water or highly corrosive environment shall be hot dipped galvanized after fabrication in accordance with ASTM A423.
11. Ditch transitions shall be used on all grades in excess of 3% as directed by the Engineer.
12. The project engineer shall contact the District Drainage Engineer for possible alternate treatment prior to constructing side drain mitered end sections where a minimum spacing of 30' will not result between the toe points of the mitered end sections.
13. The cost of all pipe (s), grates, fasteners, reinforcing, connectors, anchors, concrete, sealants, jackets and coupling bands shall be included in the cost for the mitered end section. Sodding shall be paid for separately under the contract unit price for Sodding, SY.
14. Mitered end sections shall be paid for under the contract unit price for Mitered End Section (SD), Ea., based on each independent pipe end.

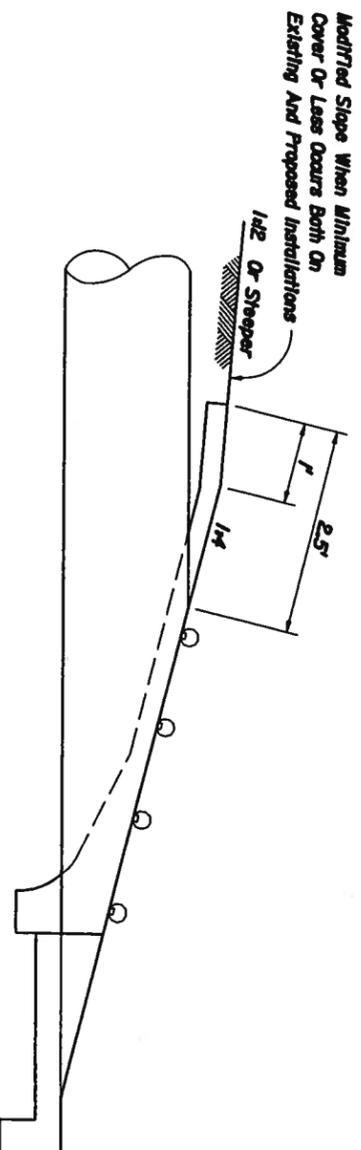
## DESIGN NOTES

1. In artificial hydraulic locations, grates shall not be used until potential debris transport has been evaluated by the drainage engineer and appropriate adjustments made. Ditch grades in excess of 3% or pipe with less than 1.5' of cover and grades in excess of 7% will require such an evaluation (General Note 9).
2. The design engineer shall determine highly corrosive locations and specify in the plans when the grates shall be hot-dipped galvanized after fabrication (General Note 10).
3. The design engineer shall determine and designate in the plans which alternate types of mitered end section will not be permitted. The restriction shall be based on corrosive or structural requirements.



PLAN

## DITCH TRANSITION



## PERMISSIBLE PAVEMENT MODIFICATION

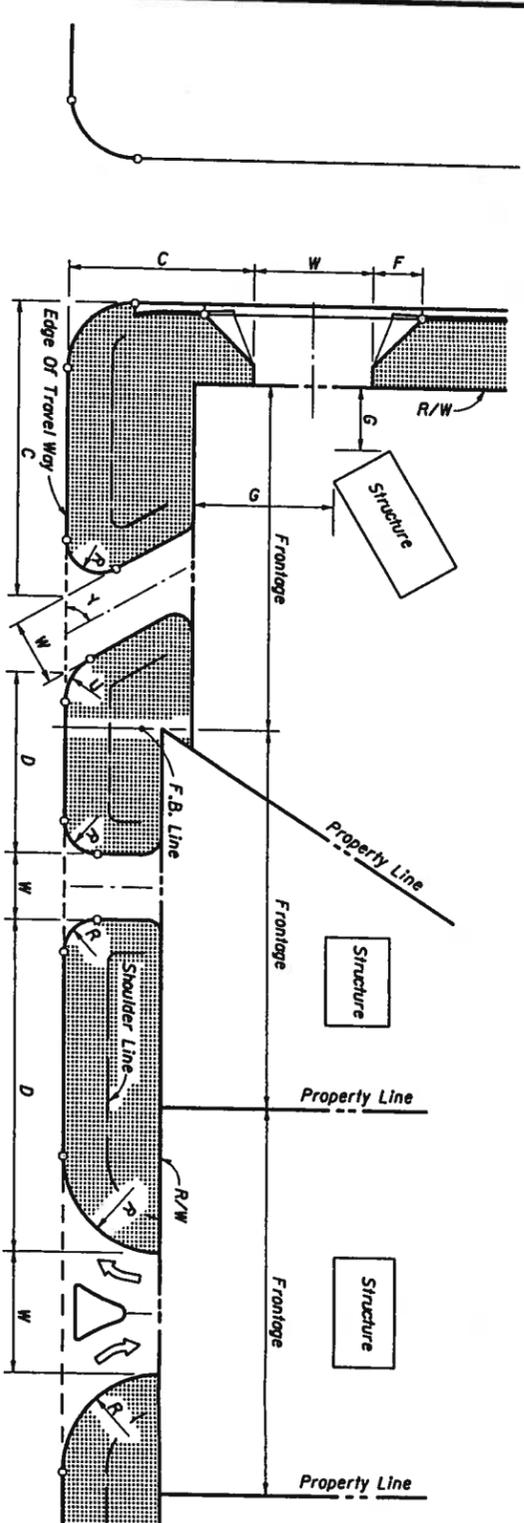


2006 FDOT Design Standards

**SIDE DRAIN MITERED END SECTION**  
NOTES & INFORMATION

Last Revision	Sheet No.
04	6 of 6

Index No.  
**273**



For Additional Information Refer To FDOT Rules Chapters 14-96 And 14-97.  
**SKETCH ILLUSTRATING DEFINITIONS**

ELEMENT DESCRIPTION	URBAN (CURB & GUTTER)		RURAL	
	1-80 Trips/Day or 1-5 Trips/Hour	21-600 Trips/Day or 6-80 Trips/Hour	1-80 Trips/Day or 1-5 Trips/Hour	21-600 Trips/Day or 6-80 Trips/Hour
CONNECTION WIDTH W	12' Min. 24' Max.	24' Min. 36' Max. ☆	12' Min. 24' Max.	24' Min. 36' Max. ☆
FLARE (Drop Curb) F	10' Min.	10' Min.	N/A	N/A
RETURNS (Radius) R & U	N/A	△	15' Min. 25' Std. 50' Max.	25' Min. 50' Std. 75' Max. (Or 3-Centered Curves)
ANGLE OF DRIVE Y	60°-90°	60°-90°	60°-90°	60°-90°
DIVISIONAL ISLAND (Throat Median)		4'-22' Wide		4'-22' Wide
SETBACK G	12' Min. All categories. See General Note No. 5.			

Street or road intersection design, with possible auxiliary lanes and channelization, may be necessary. Intersection design, with possible auxiliary lanes and channelization, should be considered for connections with more than 4000 trips/days.

☆ "2-Way" refers to one "in" movement and one "out" movement i.e. not exclusive left or right turn lanes on the connection.

△ When more than 2 lanes in the turnout connection are required, the 36' max. width may be increased to relieve interference between entering and exiting traffic which adversely affects traffic flow. These cases require documented site specific study and design.

△ Small radii may be used in lieu of flares as approved by the Department.

DESIGN NOTE: 1-Way connections will be designed to effectively eliminate unpermitted movements.

**GENERAL NOTES**

- For definitions and descriptions of access connection "Categories" and access "Classifications" of highway segments, and for other detailed information on access to the State Highway System, refer to FDOT Rule Chapter 14-96, "State Highway Connection Permits Administrative Process" and Rule Chapter 14-97, "State Highway System Access Management Classification System And Standards."
  - For this index the term "turnout" applies to that portion of driveways, roads or streets adjoining the outer roadway. For this index the term "connection" encompasses a driveway, street or road and their appurtenant islands, separators, transition tapers, auxiliary lanes, travelway flares, drainage pipes and structures, crossovers, sidewalks, curb cut ramps, signing, pavement marking, required signalization, maintenance of traffic or other means of access to or from controlled access facilities. The turnout requirements set forth in this index do not provide complete intersection design, construction or maintenance requirements.
  - The location, positioning, orientation, spacing and number of connections and median openings shall be in conformance with FDOT Rule Chapter 14-97.
  - On Department construction projects all driveways not shown on the plans are to be reconstructed at their existing location in conformance to these standards, or, in conformance to permits issued during the construction project.
  - Driveways shall have sufficient length and size for all vehicular queuing, stacking, maneuvering, standing and parking to be carried out completely beyond the right of way line. Except for vehicles stopping to enter the highway, the turnout areas and drives within the right of way shall be used only for moving vehicles entering or leaving the highway.
  - Connections with expected daily traffic over 4000 vpd are to be constructed as intersecting streets or roads. The design requirement of this index and that of the local government will be used to select appropriate connection widths, radii and intersection design, subject to the approval of the Department.
- For connections with expected daily traffic less than 4000 vpd, the Department will determine if drop curbs or radius returns are required in accordance with existing or planned connections. Where radius returns apply, the design requirements of this index and that of the local government will be used to select appropriate connection widths, radii and intersection design, subject to the approval of the Department.
- For connections that are intended to daily accommodate either multi-unit vehicles or single unit vehicles exceeding 30' in length, returns with 50' radii are to be used, unless otherwise called for in the plans or otherwise stipulated by permit. Where large numbers of multi-unit vehicles will use the connection, the connection width and radii are to be increased and auxiliary lanes, tapers, lane flares, separators and/or islands constructed, as determined by the Department to be necessary for safe turning movements.
- Any connection on a highway having a posted or operating speed over 45 mph shall have radial returns. Any connection requiring or having a specified median opening with left turn storage and served directly by that opening shall have radial returns.
  - Where a connection is intended to align with a connection across the highway, the through lanes are to align directly with the corresponding through lanes.
  - For new connections and for connections on all new construction and reconstruction projects, pavement materials and thicknesses shall meet the requirements applicable to either that detailed for "Urban Flared Turnouts", or that described in "Table S15-1" for connections with radial returns and/or auxiliary lanes.
  - The responsibility for the cost of construction or alteration to an access connection shall be in accordance with FDOT Rule Chapter 14-96.

**DESIGN NOTES**

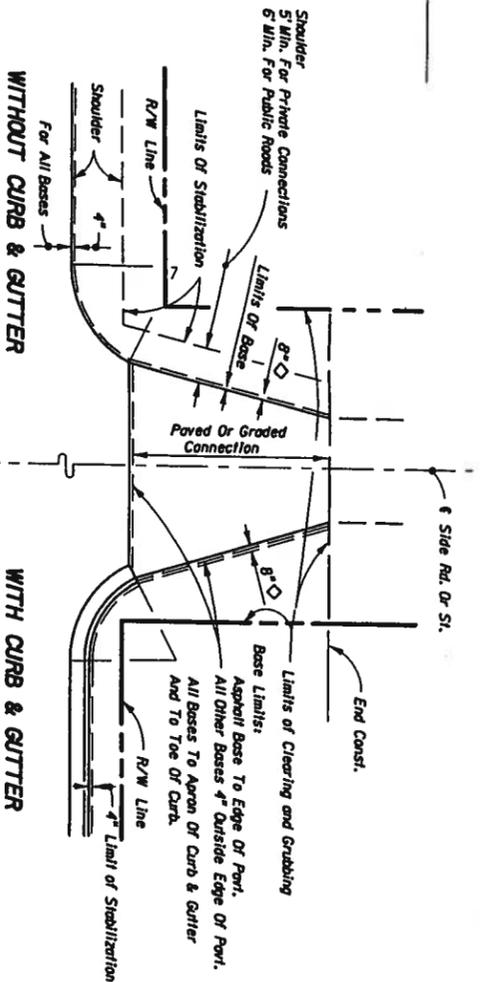
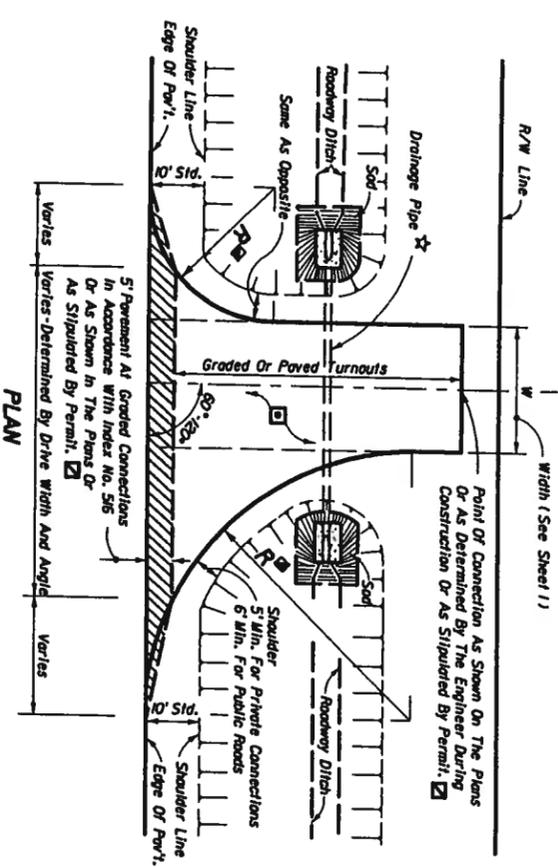
- Prior to the adoption of FDOT Rules Chapters 14-96 and 14-97, connections to the State Highway System were defined and permitted by Classes. Connections have been redefined by Categories under Rule 14-96; and, the term "Class" has been applied to highway segments of the State Highway System as defined under Rule 14-97.

NOT INTENDED FOR FULL INTERSECTION DESIGN  
**SUMMARY OF GEOMETRIC REQUIREMENTS FOR TURNOUTS**



Typical Half Section For Low Volume/Residential Connections

Typical Half Section For Higher Volume Connections



LIMITS OF CLEARING & GRUBBING, STABILIZING AND BASE AT INTERSECTIONS

MATERIAL TYPES AND THICKNESSES IN DRIVING AREAS FOR RURAL AND URBAN CONNECTIONS

Course	Materials	Thickness (in.)	
		Connections	Roadway
Structural	Asphaltic Concrete	1"	1 1/2"
Bases	Optional Base (See Index No. 541)	0.8, G. 1	0.8, G. 3

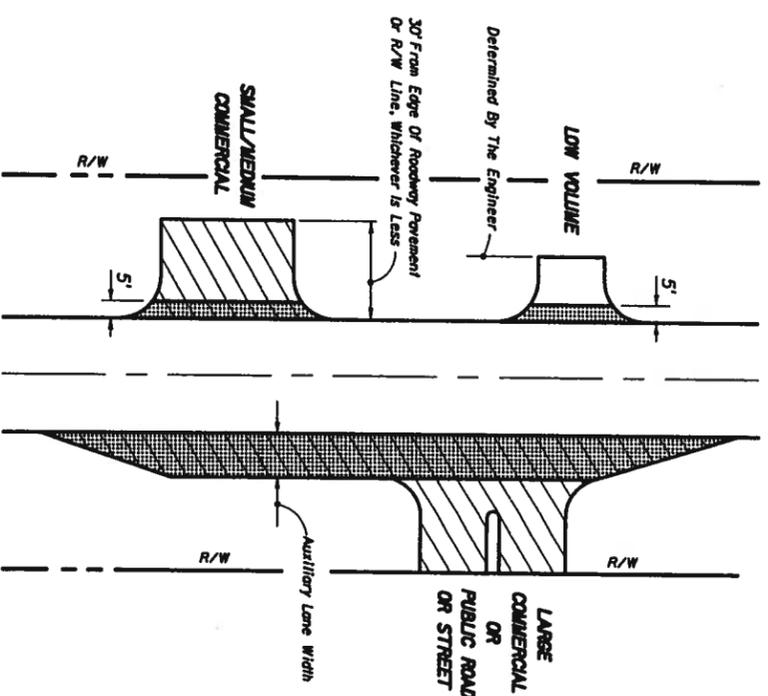
1. The pavement should be structurally adequate to meet the expected traffic loads and should not be less than that shown above, except as approved by the Department for graded connections. Other Department approved pavement equivalencies may be used at the discretion of the Engineer. For additional information see Index No. 54.
2. Auxiliary lanes and their transition tapers shall be the same structure as the abutting roadway pavement or any of the roadway structures indicated above, whichever is thicker.
3. If an asphalt base course is used for a turnout, its thickness may be increased to match the edge of roadway pavement in lieu of a separate structural course. 6" of Portland cement concrete will be acceptable in lieu of the asphalt base and structural courses. See Notes 4 and 5 below.
4. A structural course is required for feasible pavements when they are used for auxiliary lanes serving more than a single connection.
5. Connections paved with Portland cement concrete shall be Class I concrete of at least 6" thick. The Department may require greater thickness when called for in the plans or stipulated by permit. Materials and construction are to conform with FDOT Standard Specifications Sections 346, 350 and 522.
6. The Department may require other pavement criteria where local conditions warrant.

NOTES

1. The pavement should be structurally adequate to meet the expected traffic loads and should not be less than that shown above, except as approved by the Department for graded connections. Other Department approved pavement equivalencies may be used at the discretion of the Engineer. For additional information see Index No. 54.
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6. The Department may require other pavement criteria where local conditions warrant.

PAVEMENT STRUCTURE FOR TURNOUTS AND AUXILIARY LANES

TABLE S15-1



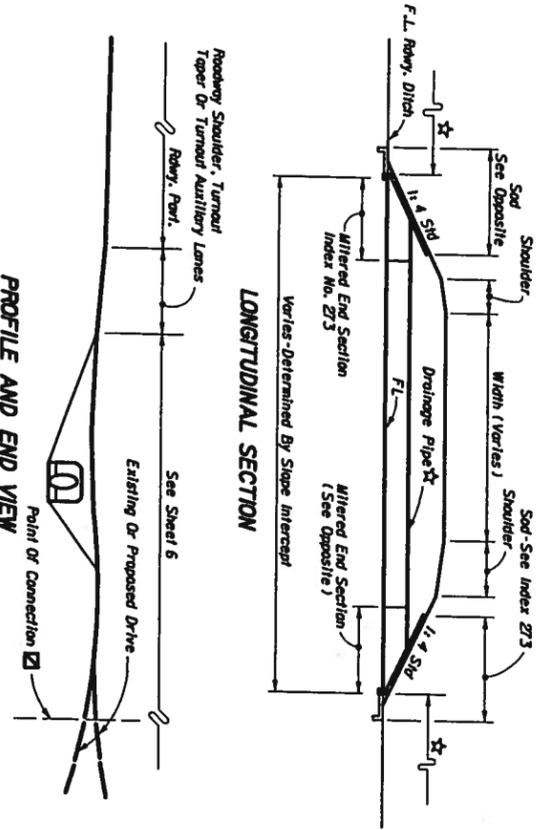
LEGEND

- Graded or Paved
- Required Paving
- Limits Of Department Maintenance

NOTES

1. Auxiliary lane pavements and crossover pavements shall be maintained by the Department.
2. Department maintenance of turnout pavement shall extend out to 5' from edge of the travel way or limits of paved shoulders, and extend to include auxiliary lanes. The remainder of any turnout paved area on the right of way shall be maintained by the owner or his authorized agent. As a function of routinely reworking shoulders, the Department may grade and shape existing material on non-paved areas beyond the maintained pavement.
3. Control and maintenance of drainage facilities within the right of way shall be solely the responsibility of the Department, unless specified differently by Department permit.
4. The maintenance and operation of highway lighting, traffic signals, associated equipment, and other necessary devices shall be the responsibility of a public agency.
5. All pavement markings on the State highways, including acceleration and deceleration lane markings, and signing installed for the operation of the State highway shall be maintained by the Department.
6. All signing and marking installed for the operation of the connection (such as stop bars and stop signs for the connection) shall be the responsibility of the permittee.

LIMITS OF CONSTRUCTION AND MAINTENANCE FOR RURAL CONNECTIONS



PROFILE AND END VIEW

- ★ Drainage pipe size and length shall be that shown on the plans, or as stipulated by permit, or, as determined by the Engineer during construction. The size shall be at least that established by the FDOT District, but not less than 15" diameter or equivalent. For minimum cover over drainage pipe see Index No. 205. Pipe arch or elliptical pipe may be required to obtain necessary cover. At minimal cover applications a modified pavement apron is permitted. See "PERMISSIBLE PAVEMENT MODIFICATION" Index No. 273.
- ☐ Stable material may be required for graded turnouts to provide property as directed by the Engineer in accordance with Section 02-6 of the Standard Specifications.
- ☑ The 5' pavement of graded connections is not required where there is paved shoulder 4' or more in width. The 5' pavement requirement may be waived for connections serving one or two homes or field entrances with less than 20 trips per day, or 5 trips per hour as approved by permit or by the Engineer, or when not itemized in the plans.
- ☑ Paved turnouts are to be constructed for all paved connections. The connecting point will be determined by the Engineer. Paved turnouts are to be constructed for all business, commercial, industrial or high volume residential graded connecting facilities. The connecting point shall be 30' from edge of roadway pavement or at R/W line, whichever is less.
- ☑ Paved turnouts are to be constructed for all connecting facilities over 4000 vehicles per day. The connecting point shall be at the R/W line.
- ☑ See "Summary Of Geometric Requirements For Turnouts" chart for return radii lengths and supplemental information.

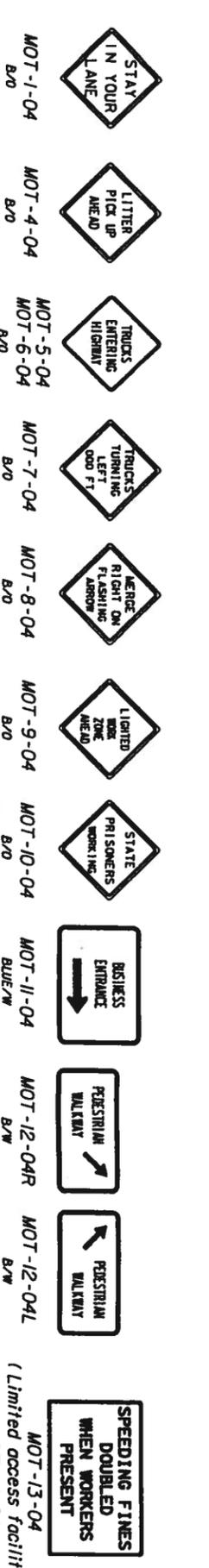
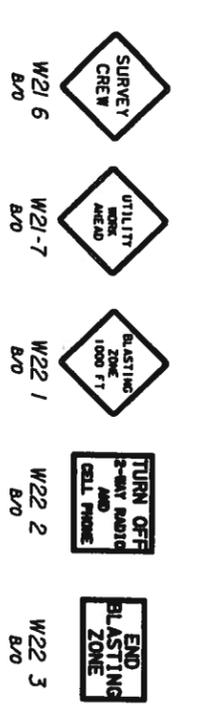
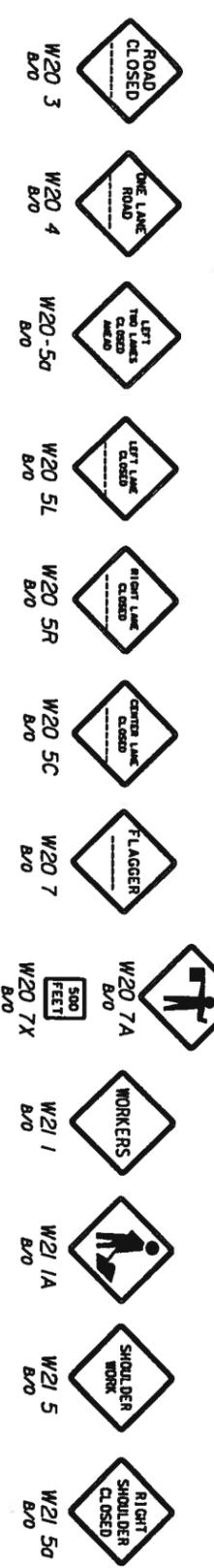
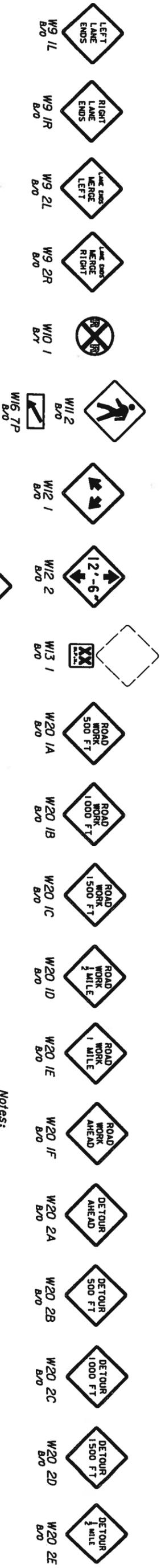
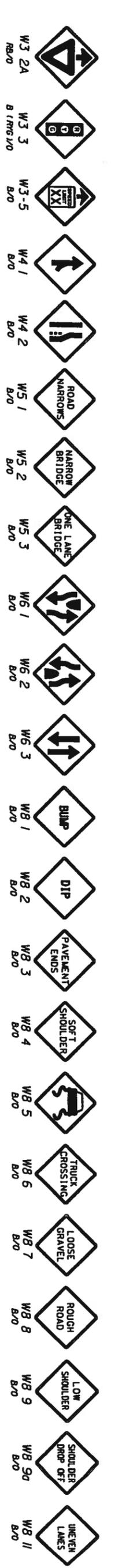
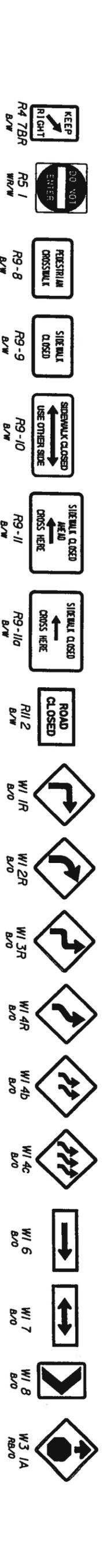
RURAL TURNOUT CONSTRUCTION



2006 FDOT Design Standards

TURNOUTS

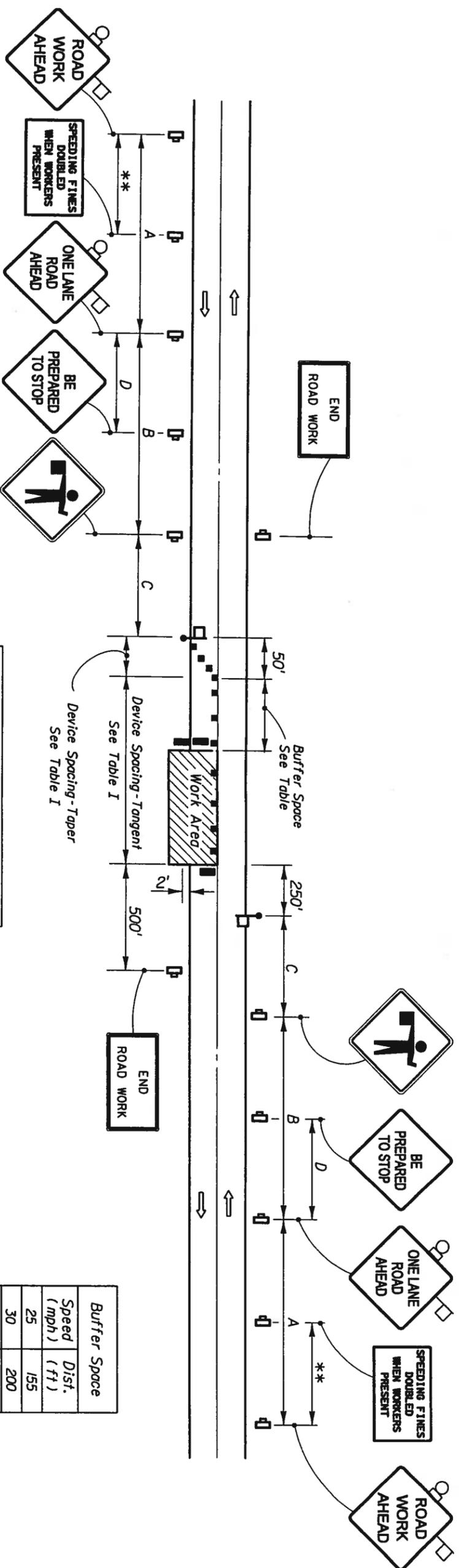
Last Revision	04	Sheet No.	5 of 6
Index No.	S15		



**COLOR CODES**  
**Legend and/or Symbol / Background**  
 O-Orange (Reflectorized) R-Red (Reflectorized)  
 B-Black (Non-Reflectorized) Y-Yellow (Reflectorized)  
 W-White (Reflectorized) G-Green (Reflectorized)

**Notes:**  
 1. The size of diamond shaped Temporary Traffic Control (TTC) warning signs shall be a minimum of 48" X 48".  
 2. Fluorescent orange shall be used for all orange colored work zone signs.  
 3. When standard orange flags or flashing warning lights are used in conjunction with signs, they shall not block the sign face.  
 4. The sign shields, symbols and messages contained on this sheet are provided for ready reference to those signs used in the development of the 600 series Design Standards and are commonly used in the development of traffic control plans.  
 For additional signs and sign detail information refer to the STANDARD HIGHWAY SIGNS MANUAL as specified in the MUTCD. Special signs for traffic control plans will be as approved by the State Traffic Plans Engineer.  
 The sign codes shown on this sheet are for the purpose of identifying cell names found in the Traffic Control Cell Library (TC2.Cell). The STANDARD HIGHWAY SIGNS MANUAL should be referenced for the official sign codes for use in the development of traffic control plans. See Index No. T355 for MOT sign details.

**COMMONLY USED WARNING AND REGULATORY SIGNS IN WORK ZONES**



Speed	Spacing (ft)			
	A	B	C	D
40 mph or less	200	200	200	100
45 mph	350	350	350	175
50 mph	500	500	500	250
*55 mph or greater	2640	1640	1000	500

\* The ROAD WORK 1 MILE sign may be used as an alternate to the ROAD WORK AHEAD sign.

\*\* 500' beyond the ROAD WORK AHEAD sign or midway between signs whichever is less.

\*\*\* BE PREPARED TO STOP sign may be omitted for speeds of 45 MPH or less.

Speed (mph)	Max. Distance Between Devices (ft)			
	Cones or Tubular Markers	Taper	Type I or Type II Barricades or Vertical Panels or Drums	Taper
25 to 45	20	20	20	50
50 to 70	20	20	50	100

**GENERAL NOTES**

1. Work operations shall be confined to one traffic lane, leaving the opposite lane open to traffic.
2. All vehicles, equipment, workers (except flaggers), and their activities are restricted to one side of the roadway.
3. Additional one-way control may be effected by the following means:
  - (1) Flag-carrying vehicle;
  - (2) Official vehicle;
  - (3) Pilot vehicles;
  - (4) Traffic signals.

When flaggers are the sole means of one-way control the flaggers shall be in sight of each other or in direct communication at all times.

4. The ONE-LANE ROAD signs are to be fully covered and the FLAGGER signs either removed or fully covered when no work is being performed and the highway is open to two-way traffic.

5. When a side road intersects the highway within the TTC zone, additional TTC devices shall be placed in accordance with other applicable TCZ indexes.

6. The two channelizing devices directly in front of the work area and the one channelizing device directly at the end of the work area may be omitted provided vehicles in the work area have high-intensity rotating, flashing, oscillating, or strobe lights operating.
7. For general TCZ requirements and additional information, refer to Index No. 600.

Speed (mph)	Dist. (ft)
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645
70	730

When Buffer Space cannot be obtained due to geometric constraints, the greatest obtainable length shall be used, but not less than 200 ft.

**DURATION NOTES**

1. ROAD WORK AHEAD and the BE PREPARED TO STOP signs may be omitted if all of the following conditions are met:
  - a) Work operations are 60 minutes or less.
  - b) Speed limit is 45 mph or less.
  - c) No sight obstructions to vehicles approaching the work area for a distance equal to the buffer space.
  - d) Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.
  - e) Volume and complexity of the roadway has been considered.

**CONDITIONS**

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROUGH THE AREA BETWEEN THE CENTERLINE AND A LINE 2' OUTSIDE THE EDGE OF TRAVEL WAY.

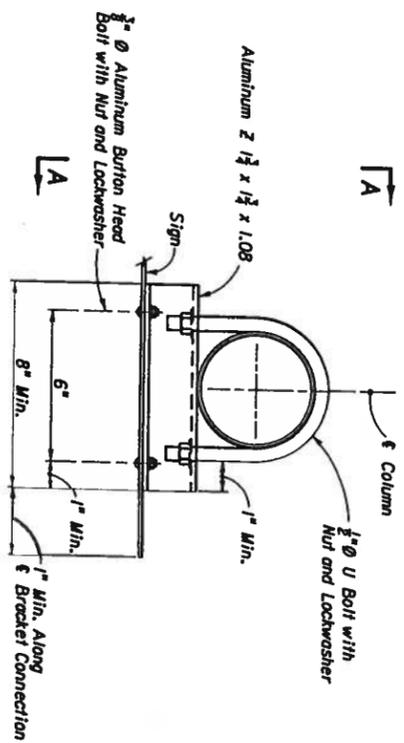
**SYMBOLS**

- Work Area
- Sign with 18" x 18" (Min.) Orange Flag And Type B Light
- Type I, Type II Or Type III Barricade Or Vertical Panel Or Drum
- Channelizing Device (See Index No. 600)
- Work Zone Sign

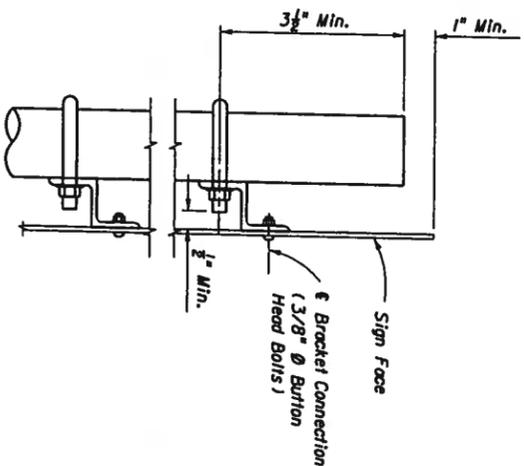
- Flagger
- Lane Identification + Direction of Traffic



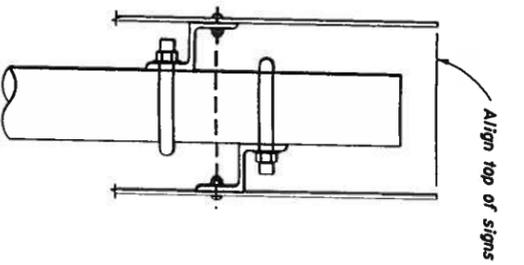




**TYPE I BRACKET**

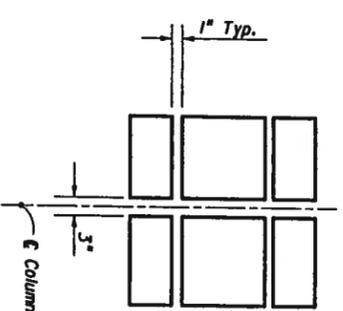


**VIEW AA**

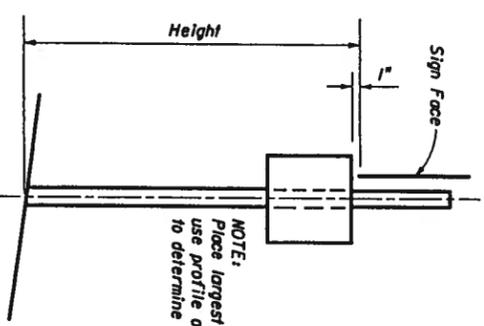


**NOTE: Use profile of largest sign and height to bottom of largest sign to determine column size.**

**SIGNS BACK-TO-BACK**

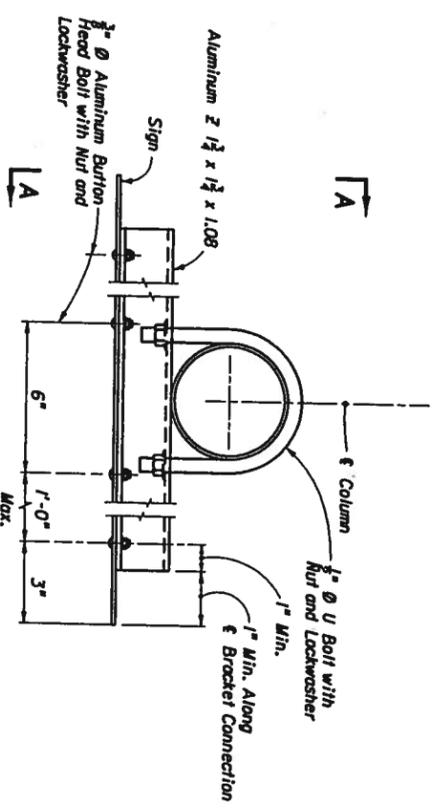


**SIGN CLEARANCE**

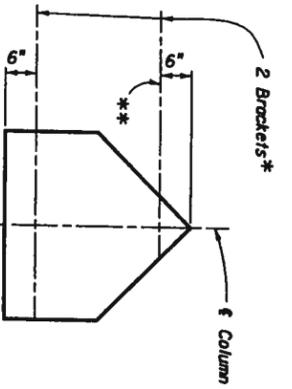


**SIGNS AT 90°**

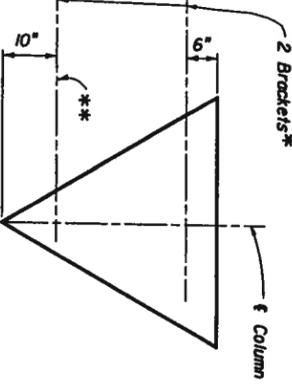
**NOTE:** Place largest sign on top, use profile of largest sign to determine column size.



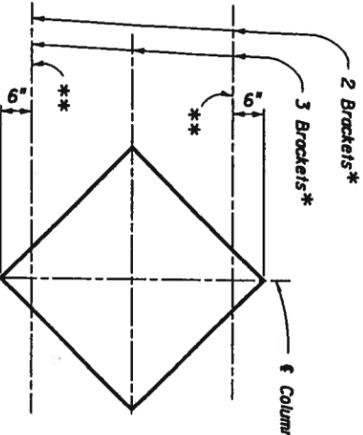
**TYPE II BRACKET (SINGLE SIGN)**



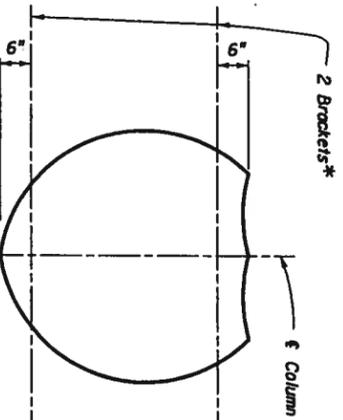
**SCHOOL**



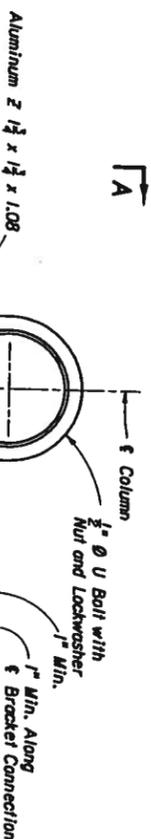
**YIELD**



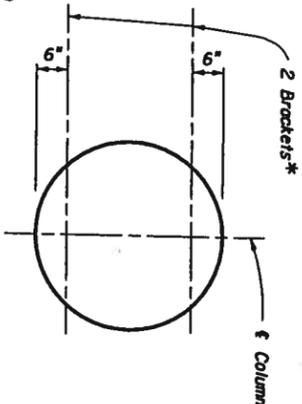
**DIAMOND**



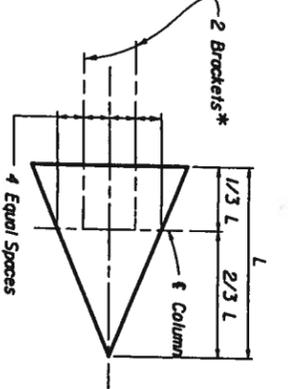
**SHIELD**



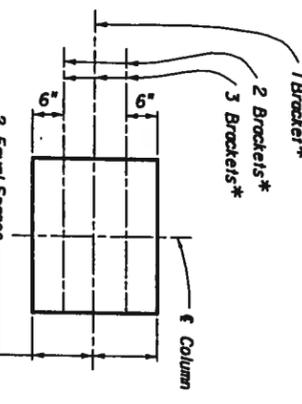
**TYPE II BRACKET (DOUBLE SIGNS)**



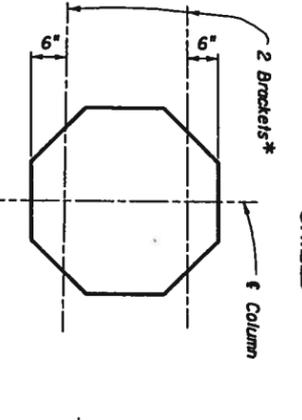
**RAILROAD**



**PENNANT**



**RECTANGLE**



**STOP**

**NOTE:** Nylon washers provided by the sheeting supplier shall be used on all ground mounted signs. The washers shall be installed under the sign bolt head to protect the sheeting.

**BRACKET LOCATIONS (SEE VIEW AA)**

**NOTE:** The above Bracket locations apply at the 3/8" of Bracket-Sign Connection (3/8" @ Burton Head Bolts). See View AA. The locations also apply at Double Signs configurations. When installing back-to-back signs the topmost bracket location of one of the signs will require adjustment as shown on the above detail.

**\*\* NOTE:** Use Type I Bracket at the open location (always).

**NOTE:** 3/8" @ Stainless Steel Hex Head Bolts with Flat Washer under Head and Lockwasher under Nut may be used in lieu of 3/8" @ Aluminum Burton Head Bolts.





## GENERAL NOTES

**DESIGN SPECIFICATIONS :** Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals, AASHTO 1994.  
**ALUMINUM :** Except as noted below, Aluminum Materials shall meet the requirements of Aluminum Association Alloy 6061-T6 (ASTM B209, B221, or B308).

1. Permitted Alternate for Sheets and Plates--- Alloy 5154-H38 (ASTM B209)

**CONCRETE :** All concrete shall be Class I (Special), the specified compressive strength at 28 days (f'c) shall be 3 ksi min.

**SIGN PANELS :** Sign Panels shall be 0.08 inches min. thick Aluminum Plate with all corners rounded. See sign layout sheet. Panels are to be degreased, etched, neutralized and treated with Alodine 1200, Irdine H-2, Banderite 721 or equal. No stenciling permitted on panels.

**ALUMINUM BOLTS, NUTS & LOCKWASHERS :** Aluminum bolts shall meet the requirements of ASTM F468, Alloy 2024-T4.

The Bolts shall have an Anodic Coating of at least 0.0002 inches thick and be chromate sealed. Lockwashers shall meet the requirements of Aluminum Association Alloy 7075-T6 (ASTM B221). Nuts shall meet the requirements of ASTM F-467, Alloy 6061-T6 or 6262-T9.

**STAINLESS STEEL BOLTS, NUTS AND LOCKWASHERS :** Stainless Steel Bolts, Nuts and Lockwashers conforming to ASTM F593 Alloy Group 2 Condition A, CW2, or SH4 may be provided in lieu of Aluminum Bolts, Nuts and Washers.

**U-BOLTS, NUTS & LOCKWASHERS :** U-Bolts, Nuts and Lockwashers shall meet the requirements of ASTM A307, Grade A and shall be galvanized in accordance with ASTM A153.

**INSTALLING FRANGIBLE COLUMN SUPPORTS :** Columns (Posts) may be installed by driving the columns in accordance with Index Nos. 11861 thru 11865, or as an alternate method the contractor may set the columns (Posts) to the depth indicated in preformed holes backfilled with suitable material tamped in layers not thicker than 6" to provide adequate compaction.

**SHOP DRAWINGS :** When Type C ground sign supports are furnished and fabricated in accordance with these plans, shop drawings will NOT be required for approval by the Engineer.

**HOW TO USE THIS TABLE :** Select the appropriate Sign Profile and Size to determine the Sign Identification Number. If the exact Sign Size of all Components are not listed, select the appropriate profile and larger Component Sizes. This table also gives the Quantity and Type of Sign Brackets required for each Sign for each Wind Zone. Where the Sign Size is given as a Vertical and Horizontal Dimension, the Vertical Dimension (Depth) is given first and the Horizontal Dimension (Length) is given last. For Column Sizes, Heights and Footings see appropriate (Wind Zone or Height - 14" Max.) sheets titled "Column Sizes, Column Heights and Footings" Index Numbers 11861 thru 11865. No Shop or Field Splice is allowed in Sign Panels. All Panels shall be furnished in one piece.

## WIND SPEEDS BY COUNTY

### ZONE NO. 1 (60 mph)

Alachua, Baker, Bradford, Calhoun, Clay, Columbia, Gadsden,  
 Gilchrist, Hamilton, Holmes, Jackson, Jefferson, Lafayette,  
 Lake, Leon, Liberty, Madison, Marion, Putnam, Sumter,  
 Suwannee, Union and Washington Counties.

### ZONE NO. 2 (70 mph)

Bay, Citrus, Desoto, Dixie, Duval, Escambia, Flagler,  
 Franklin, Gadsden, Gulf, Hardee, Hendry, Hernando,  
 Highlands, Hillsborough, Levy, Nassau, Oklawaha,  
 Okeechobee, Orange, Osceola, Pasco, Pinellas,  
 Polk, Santa Rosa, Seminole, St. Johns, Taylor,  
 Wakulla, and Walton Counties.

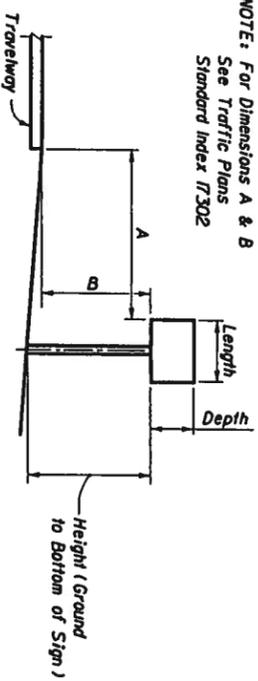
### ZONE NO. 3 (80 mph)

Brevard, Charlotte, Collier, Indian River, Lee, Manatee,  
 Martin, Palm Beach, Sarasota, St. Lucie, and Volusia Counties.

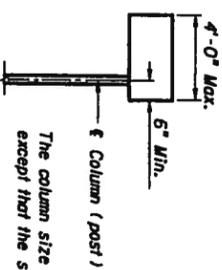
### ZONE NO. 4 (90 mph)

Broward, Dade, and Monroe Counties

NOTE: For Dimensions A & B  
 See Traffic Plans  
 Standard Index T-302



**TYPICAL SECTION**



The column size shall be as tabulated in the Standard except that the size shall not be smaller than 3 1/2" Ø.

Note: All cantilever sign installations shall comply with standard Index T-302. The sign shall be supported by an aluminum round column with concrete footing and breakaway support. All sign brackets shall be Type II.

## CANTILEVER SIGN

2006 FDOT Design Standards

SINGLE COLUMN GROUND SIGNS



Last Revision  
07/01/05

Sheet No.  
2 of 4  
Index No.  
11860

Sign Identification Number	HEIGHT (Feet)											
	10	10	10	10	10	10	10	10	10	10		
COL. SIZE	2 x 1/2	2 1/2 x 1/2	3 x 1/2	3 1/2 x 1/2	4 x 1/2	4 1/2 x 1/2	5 x 1/2	6 x 1/2	8 x 1/2	10		
FOUNDATION	0 x 4-0	0 x 4-3	0 x 4-9	0 x 5-3	2-0 x 3-9	2-0 x 4-0	2-0 x 4-3	2-0 x 4-9	2-0 x 4-9	10		
1	15	15	20	20	25							
2		17	17	22	25							
3		13	18	18	25							
4		9	9	11	18	18	25					
5												
6		9	9	12	18	18	25					
7			6	6	12	12	23	25				
8	15	15	20	20	25							
9		15	15	20	20	25						
10		12	12	15	15	22	22	25				
11		9	9	12	12	18	18	25				
12					12	12	22	22	25			
13		12	12	14	14	22	22	25				
14				12	12	20	20	25				
15		11	11	13	13	20	20	25				
16		9	9	12	12	18	18	25				
17				9	9	13	13	25				
18				12	12	23	23	25				
19				9	9	18	18	25				
20												
21		8	8	11	11	17	17	25				
22			11	11	15	15	25					
23		7	7	11	11	16	16	25				
24			10	10	14	14	25					
25		11	11	13	13	20	20	25				
26		10	10	12	12	20	20	25				
27		9	9	12	12	18	18	25				
28		9	9	12	12	18	18	25				
29		9	9	12	12	18	18	25				
30		8	8	12	12	16	16	25				
31		6	6	10	10	14	14	25				
32			8	8	12	12	25					
33		7	7	11	11	16	16	25				
34		6	6	10	10	14	14	25				
35		10	10	14	14	25						
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37				11	11	21	21	25				
38				11	11	20	20	25	25			
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40												
41						14	14	18	18	23	23	25
42						12	12	16	16	20	20	25
43												
44	16	22	22	25								
45		16	16	21	21	25						
46		16	16	21	21	25						
47		16	16	21	21	25						
48		16	16	21	21	25						
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51			18	18	25							
52		13	13	17	17	25						

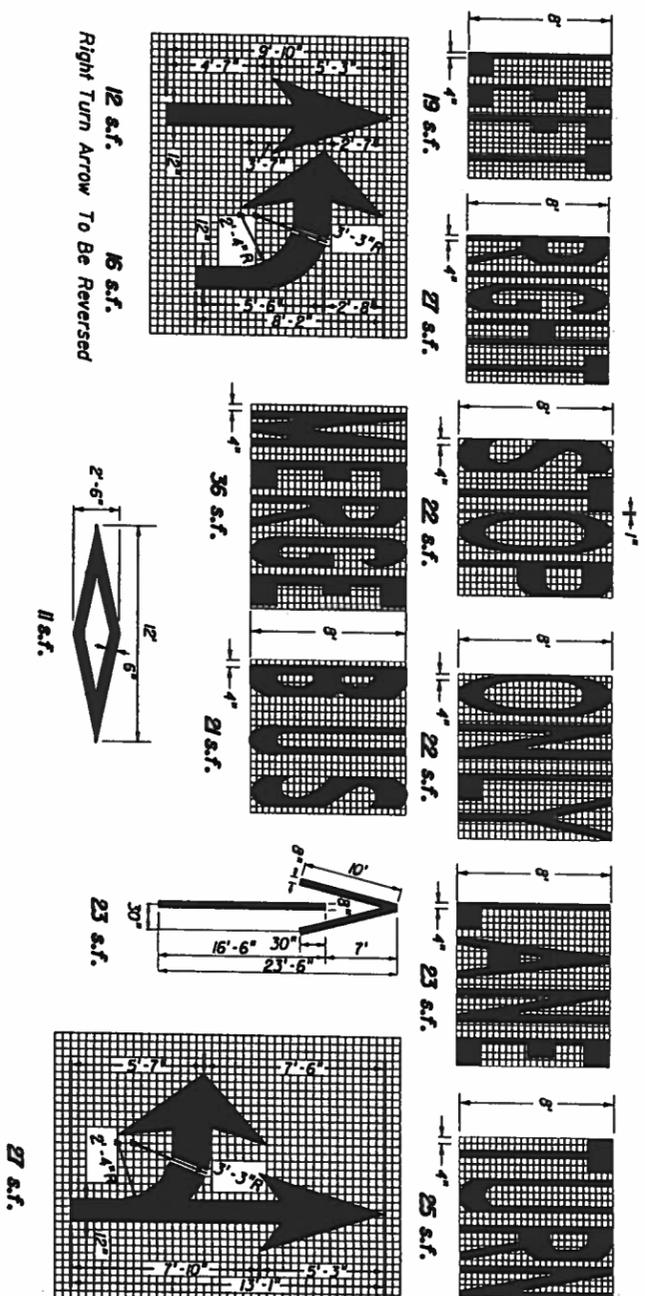
Sign Identification Number	HEIGHT (Feet)									
	10	10	10	10	10	10	10	10	10	10
COL. SIZE	2 x 1/2	2 1/2 x 1/2	3 x 1/2	3 1/2 x 1/2	4 x 1/2	4 1/2 x 1/2	5 x 1/2	6 x 1/2	8 x 1/2	10
FOUNDATION	0 x 4-0	0 x 4-3	0 x 4-9	0 x 5-3	2-0 x 3-9	2-0 x 4-0	2-0 x 4-3	2-0 x 4-9	2-0 x 4-9	10
53		13	13	16	16	24	24	25		
54		13	13	16	16	24	24	25		
55		12	12	15	15	23	23	25		
56		11	11	13	13	21	21	25		
57		11	11	13	13	21	21	25		
58		11	11	13	13	20	20	25		
59		11	11	13	13	20	20	25		
60		10	10	12	12	20	20	25		
61		10	10	13	13	19	19	25		
62		9	9	12	12	17	17	25		
63			12	12	17	17	25			
64		8	8	12	12	17	17	25		
65			11	11	16	16	25			
66			11	11	15	15	25			
67		7	7	11	11	15	15	25		
68		10	10	14	14	25				
69		10	10	14	14	25				
70		6	6	10	10	14	14	25		
71			9	9	14	14	25			
72			9	9	13	13	25			
73			9	9	13	13	25			
74										
75			7	7	12	12	24	24	25	
76			7	7	12	12	23	23	25	
77			11	11	23	23	25			
78			7	7	12	12	24	24	25	
79										
80			10	10	19	19	23	25		
81			9	9	18	18	23	25		
82										
83										
84										
85										
86					15	15	19	19	23	25
87					13	13	17	17	21	25
88										
89										
90										
91										

SEE NOTE INDEX NO 11860

The Column Size is O.D. x Wall Thickness in inches.  
 The Foundation Size is O.D. x Depth in feet & inches.  
 A zero O.D. means that a concrete foundation is not necessary.

- NOTES**
1. Work this Standard with Standard Index Numbers 11850 and 11865.
  2. To determine column (post) size and footing requirements use the required Sign Identification Number and Sign Height (H), Designs for Heights (H) lower than those listed in the Table are included in Standard Index Number 11855.
  3. Single Column Installations are not allowed for heights (H) exceeding the maximum height shown in the Table, and for sign profiles (Sign Identification Numbers) without any design tabulated. In this event, the sign (S) will have to be supported by multiple columns (posts) using breakaway devices. See Standard Index Number 11200.
  4. The Column (Post) material shall be aluminum. The size is given as outside diameter and wall thickness. Columns (posts) larger than 3 1/2" x 1/8" are non-fragile and shall be installed with breakaway supports and will have concrete footings and slip bases.
  5. The foundation size is given as outside diameter and depth.
    - a) Fragile Supports: The Column (Post) shall be driven into the ground to the depth indicated or set into preformed holes to the specified depth with suitable backfill tamped into compacted layers not exceeding 6" or filled with flowable fill or bagged concrete. The cost of the flowable fill or bagged concrete shall be included in the cost of the sign.
    - b) Breakaway Supports: Foundations for Breakaway Supports require concrete. The column support shall be set in a concrete foundation sized as shown in the table. The first dimension indicates the diameter and the second dimension the depth into the ground. In all cases the ground is to be considered as undisturbed earth, road material, or properly compacted fill.



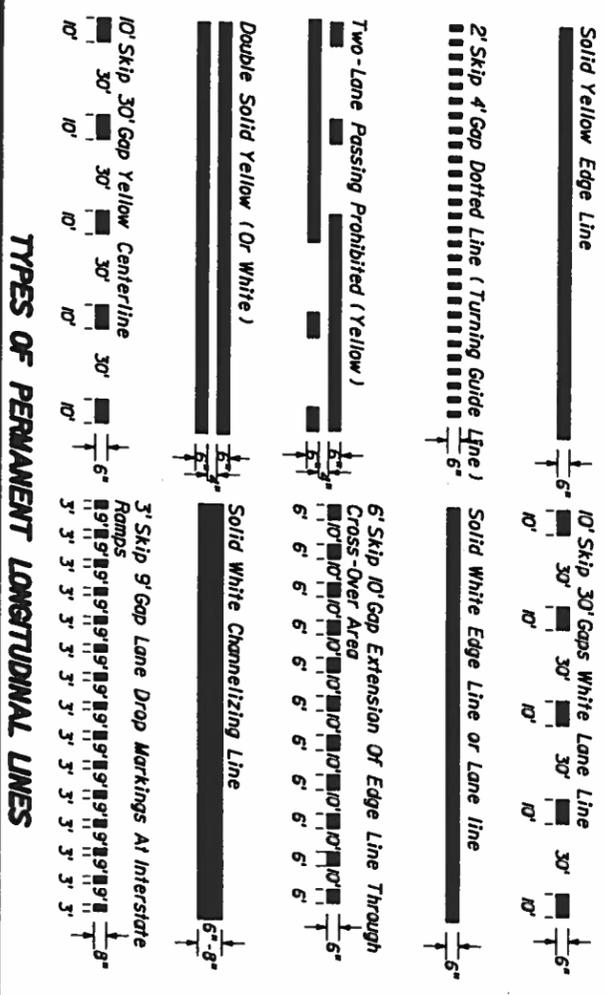


NOTE: When arrow and pavement message are used together, the arrow shall be located down stream of the pavement message and shall be separated from the pavement message by a distance of 25' from base of the arrow to the base of the message. Stop message shall be placed 25' from back of stop line.

**PAVEMENT ARROW AND MESSAGE DETAILS**

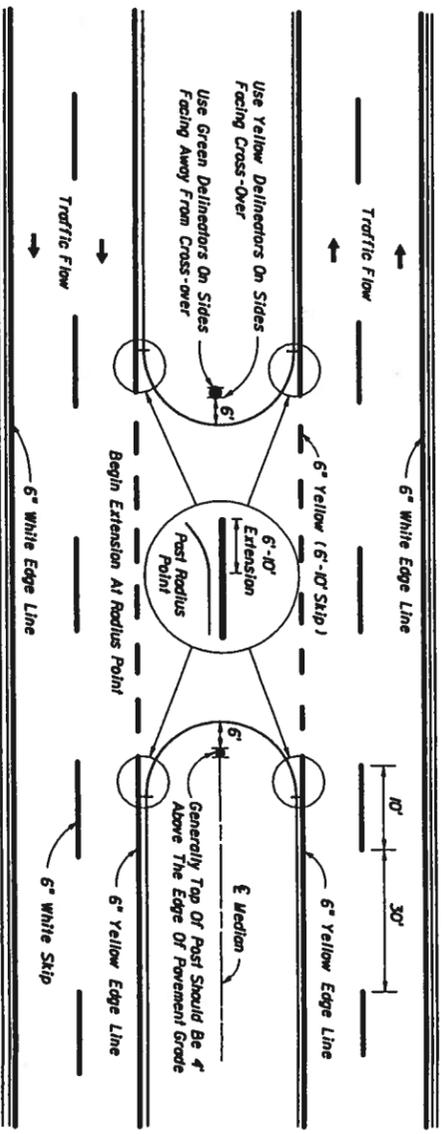
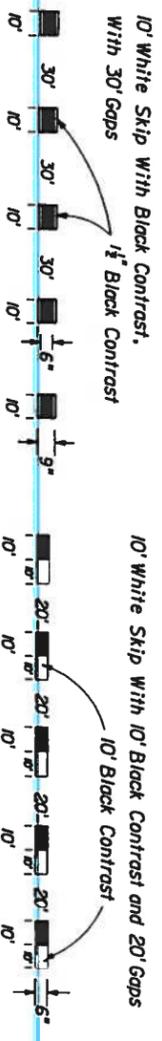
DIMENSIONS ARE WITHIN 1" ±

**BASIC COLOR RULE:** White lines separate traffic in the same direction. Yellow lines separate traffic in opposing directions. Yellow dotted lines may be used in special cases. Black may be used in combination with white for skip lines where a light-colored pavement does not provide sufficient contrast with the markings.



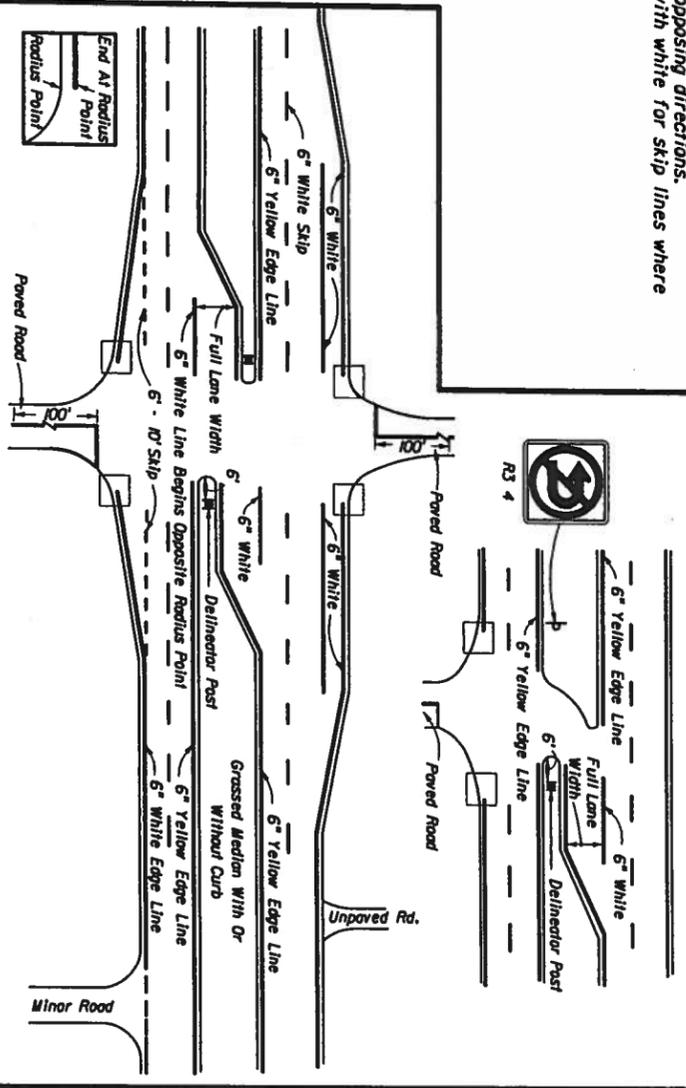
**TYPES OF PERMANENT LONGITUDINAL LINES**

**CONTRAST MARKINGS**



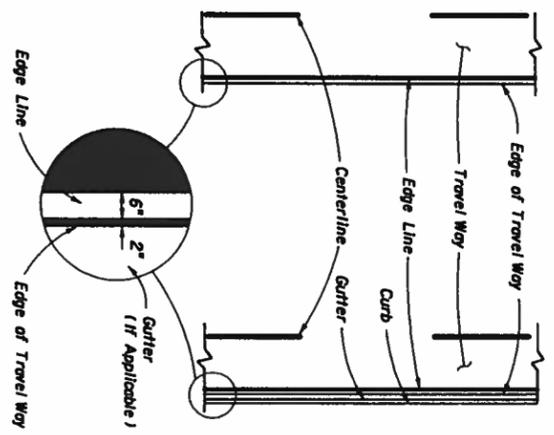
**PAVEMENT MARKINGS AND DELINEATORS FOR MEDIAN CROSS-OVER**

NOTE: Markings applied to median areas shall be yellow in color.



**PAVEMENT MARKINGS FOR INTERSECTIONS WITH MAJOR AND MINOR ROADS**

**PLACEMENT OF EDGE LINES**



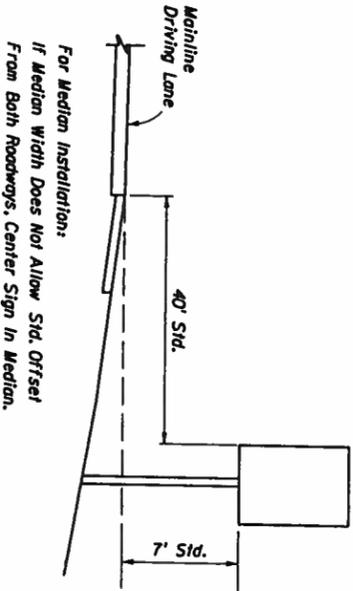
2006 FDOT Design Standards

**SPECIAL MARKING AREAS**

Last Revision	07/01/05	Sheet No.	1 of 13
Index No.	17346		

**CASE I**

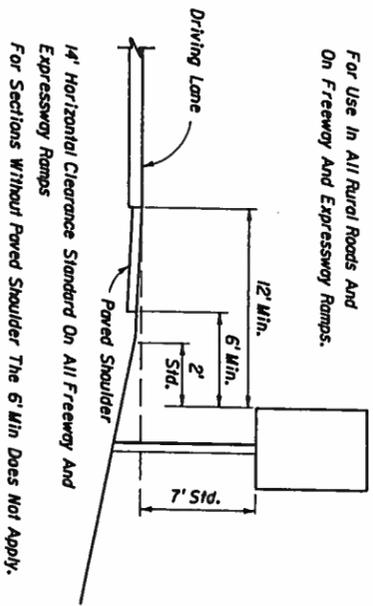
For use on Freeway and Expressway systems for signs on mainline.



For Median Installation:  
If Median Width Does Not Allow Std. Offset From Both Roadways, Center Sign In Median.

**CASE II**

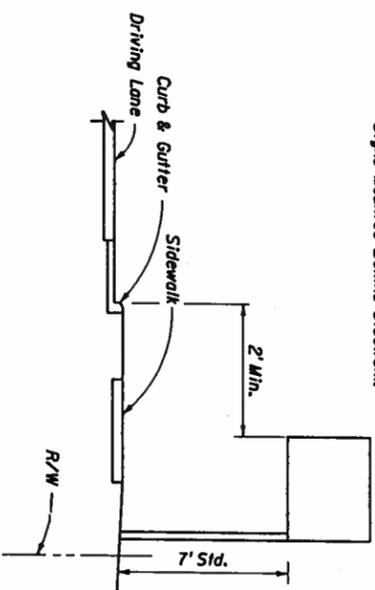
For Use in All Rural Roads And On Freeway And Expressway Ramps.



12' Min.  
6' Min.  
2' Std.  
7' Std.  
4' Horizontal Clearance Standard On All Freeway And Expressway Ramps  
For Sections Without Paved Shoulder The 6' Min Does Not Apply.

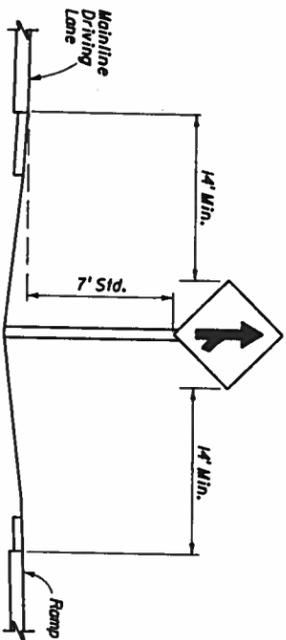
**CASE III**

For Use On All Roads with Signs Mounted Behind Sidewalk.



**CASE IV (Merge Sign)**

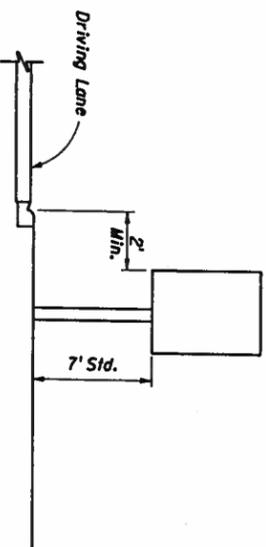
For Use On All Rural, Freeway And Expressway Systems.



4' Min.  
7' Std.  
4' Min.  
7' Std.

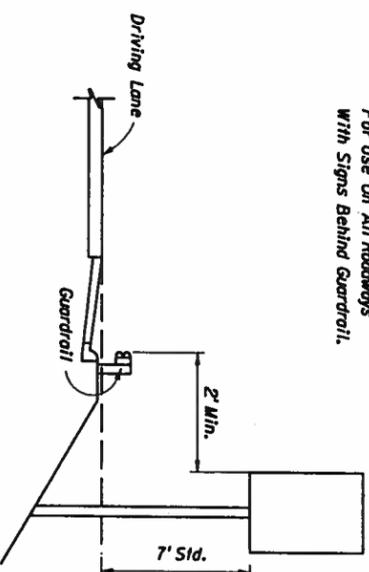
**CASE V**

For Use in Business Or Residential Areas Only.



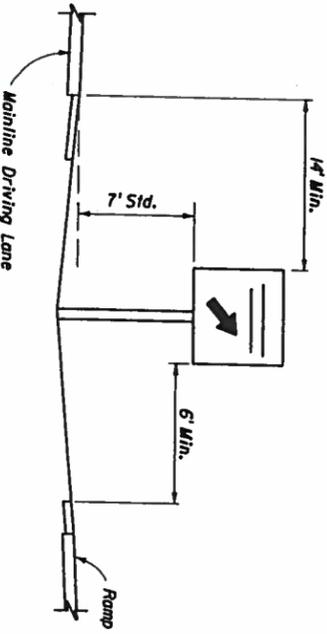
**CASE VI**

For Use On All Roadways with Signs Behind Guardrail.



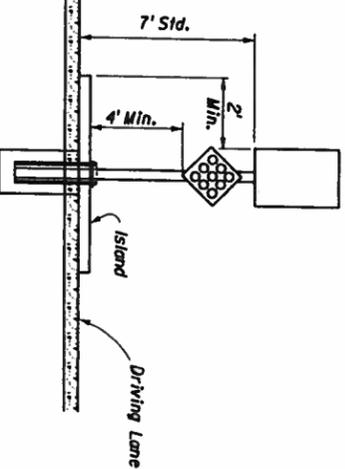
**CASE VII (REST AREA & EXIT GORE SIGNS)**

For Use On All Freeway And Expressway Systems



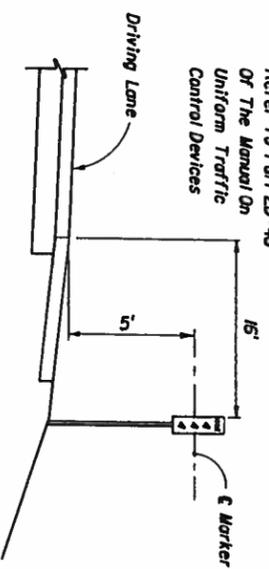
**CASE VIII**

Sign On Island



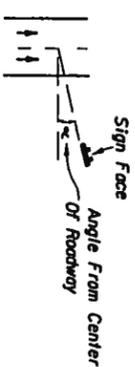
**CASE IX (MILE POST MARKER)**

For More Information Refer To Part 2D-46 Of The Manual On Uniform Traffic Control Devices



**GENERAL NOTES:**

1. The typical sections shown herein serve as a guide for locating the traffic signs required under various roadside conditions. For size and details of sign construction and footing, refer to the appropriate standard index drawing for roadside sign.
2. It shall be the CONTRACTORS responsibility to verify the length of sign supports in the field prior to fabrication.
3. Roadside signs shall be installed at an angle of 1 to 4 degrees away from the traffic flow (see illustration 1). Shoulder mounted signs shall be rotated counterclockwise and median mounted signs rotated clockwise. Signs on curves shall be mounted as noted above from the perpendicular to the motorist line of sight.



4. The setback for stop and yield signs may be reduced to 3' minimum from the driving lane if required for visibility in business or residential sections with no curb and speeds of 30 MPH or less.
5. The mounting heights are measured from the bottom of the sign panel to a horizontal line extended from the edge of the driving lane. If the standard heights cannot be met, the minimum heights are as follows:

Expressway & Freeway Systems	7'
Other Roadway Systems	5'
Rural Urban (including residential with parking and/or pedestrian activity)	7'

If a secondary sign is mounted below the major sign, the major sign shall be at least 8' and the secondary sign at least 5' for expressway & freeway systems and for other systems the height to the secondary sign shall be at least 5' for rural and 7' for urban sections.

6. Sign supports should never be placed in the bottom of ditches where erosion might affect the proper operation of the breakaway feature.

7. Sign supports shall not reduce the accessible route /continuous passage to less than 4' min. clear width as required by the Americans with Disabilities Act (ADA) Accessibility Guidelines.

