

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

CBC1250920
Culvert Permit No. Culvert Waiver Contractor's License Number 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 date/app. by Foundation date/app. by Monolithic date/app. by
Under slab rough-in plumbing date/app. by Slab date/app. by Sheathing/Nailing date/app. by
Framing date/app. by Rough-in plumbing above slab and below wood floor date/app. by
Electrical rough-in date/app. by Heat & Air Duct date/app. by Peri. beam (Lintel) date/app. by
Permanent power date/app. by C.O. Final date/app. by Culvert date/app. by
M/H tie downs, blocking, electricity and plumbing date/app. by Pool date/app. by
Reconnection date/app. by Pump pole date/app. by Utility Pole date/app. by
M/H Pole date/app. by Travel Trailer date/app. by Re-roof 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

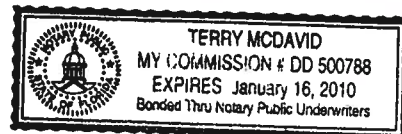
By: CONSTANCE A. LEE, President

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
By: *P. DeWitt Cason* DC, 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

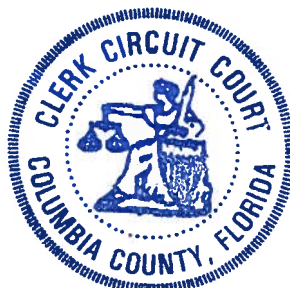


EXHIBIT A

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 GT Permit # 26210
 Application Approved by - Zoning Official BLK Date 05-09-07 Plans Examiner OK JH 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 7653
 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 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 Roof Pitch 1/12
TOTAL 94 FT 2 22,500

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.

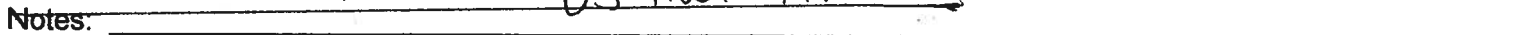
WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

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 _____
 Contractors License Number CBC1250920
 Competency Card Number _____
 NOTARY STAMP/SEAL

Notary Signature _____
 (Revised Sept. 2006)

Permit Application Number 07-690

Site Plan submitted by: Robert D. /

Plan Approved ✓ Not Approved _____

By M. O. O. County Health Department

Date 9/4/07

County Health Department

DH 4015, 10/96 (Replaces HRS-H Form 4016 which may be used)
(Stock Number: 5744-002-4015-6)



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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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

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

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] [Signature]
Clerk Executive Director

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.
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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

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.

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.

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.

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, appearing to read "Neil E. Miles", written over a horizontal line.

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

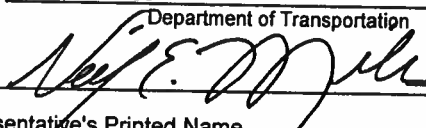
City, State, Zip: LAKE CITY, FL 32064

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 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

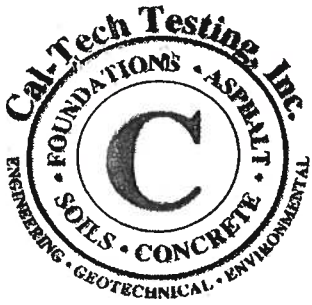


PERMITTEE : JOHN LEE S.R.25 (S) SEC NO: 29030 PERMIT CAT:B
M.P. 9.669+-
PROJ. DESCRIPTION : 24' ASH/ CON D/W W/D 50' T/R ETC.
PERMIT NO: 07-A-292-39
Asst. Maintenance Engineer or Permits Coordinator Approval

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

LABORATORIES

Tel. (386) 755-3633 • Fax (386) 752-5456
Tel. (904) 381-8901 • Fax (904) 381-8902
Tel. (850) 442-3495 • Fax (850) 442-4008

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 $\frac{1}{3}$ 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.


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

DRAWN BY:

CHECKED BY:

DATE _____

JOB NO.

S.C. YOUNG

N.O. HMEIDI

9/4/07

07-00436

FIGURE:

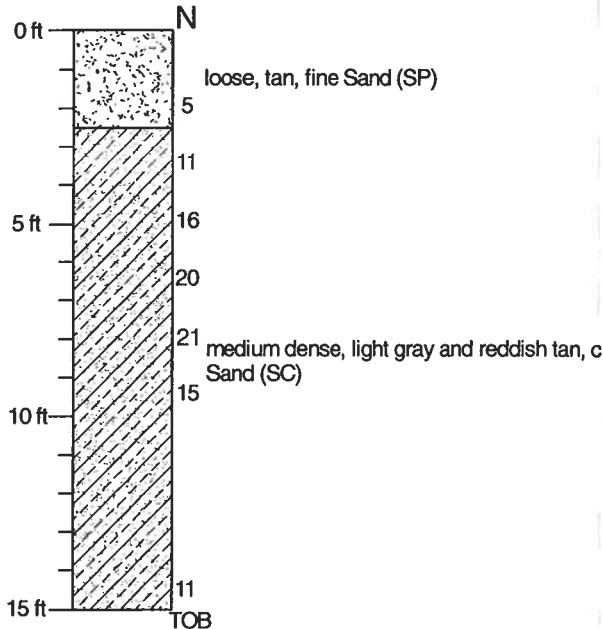
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B-1

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

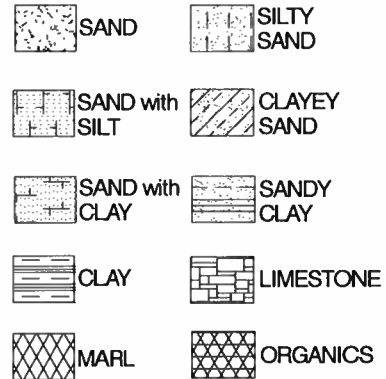
SILTS AND CLAYS-

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

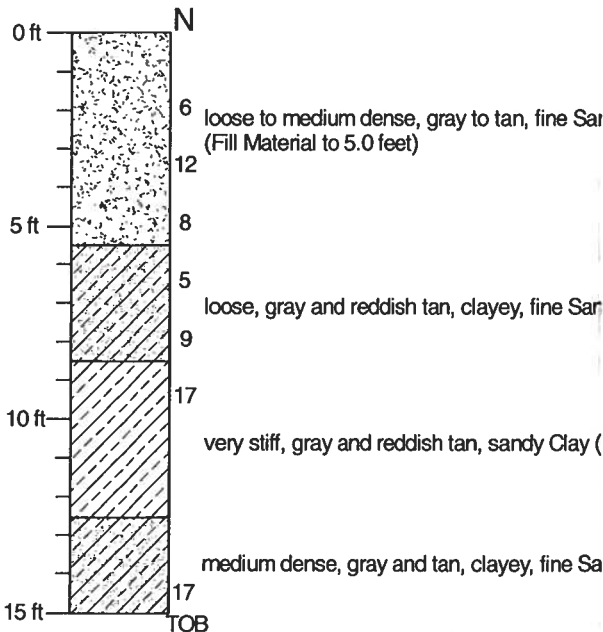


B-4

Water Table: N/A

Depth (ft)

Soil Description



REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

ATION
AGE
DE
A
JECT 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 Winnie S. Ball 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,

Signed, sealed and delivered in our presence:

Winnie S. Ball
Myrtle Ann McElroy

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 CASON, CLERK OF COURTS

By P. DeWitt Cason
Deputy Clerk

Date Nov 17, 2006



NEW ADDRESS IS 134 SW DISCOVERY PL, LAKE CITY FL 32025

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 00000000000000699 1001 8

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

RONNIE BRANNON TAX

 SUPPLEMENTAL
 X RENEWAL 18.00
 NEW LICENSE
 TRANSFER

 PENALTY 0.00
 TOTAL 18.00

X

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.

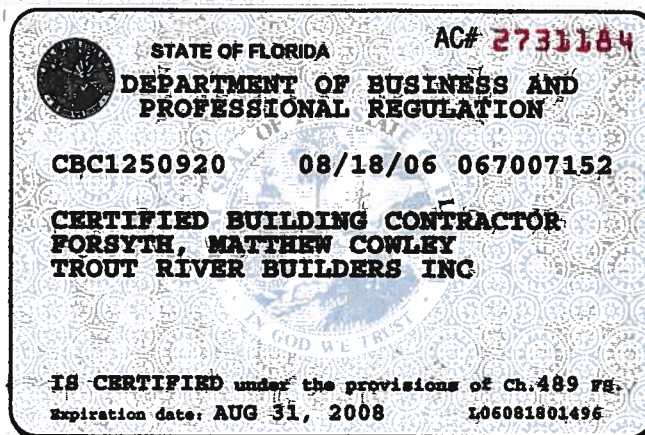
Expiration date: AUG 31, 2008

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

FL 32024

JEB BUSH
GOVERNORSIMONE MARSTILLER
SECRETARY

DISPLAY AS REQUIRED BY LAW





**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.



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

07-670
PERMIT NO. 4P33589
DATE PAID: 8-29-07
FEE PAID: 215.00
RECEIPT #: 12-PID-30441

CONSTRUCTION PERMIT FOR:

☒ 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 A 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 ☐

306 MS1 - based on flow
D 228 SQUARE FEET PRIMARY DRAINFIELD SYSTEM
R ☐ SQUARE FEET SYSTEM

A TYPE SYSTEM: ☒ STANDARD ☐ FILLED ☐ MOUND ☐

I CONFIGURATION: ☒ 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: Rock D Z TITLE: MASTER CONTRACTOR

APPROVED BY: Mr. O H TITLE: Env. Manager Columbia CH

DATE ISSUED: 9/4/07

EXPIRATION DATE: 3/4/09

DH 4016, 10/97 (Previous Editions May Be Used)

Page 3

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
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) 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.T.
EPA Registration No. 53843-189
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

OMB Approval No. 2502-0525

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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.: JB108476 Company Phone No.: 386-755-3671 • 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 Mini Storage
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): 9-10-07
Brand Name of Product(s) Used: B. I. G.
EPA Registration No.: 53443-144
Approximate Final Mix Solution %: 1.06
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 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: 9-10-07

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)

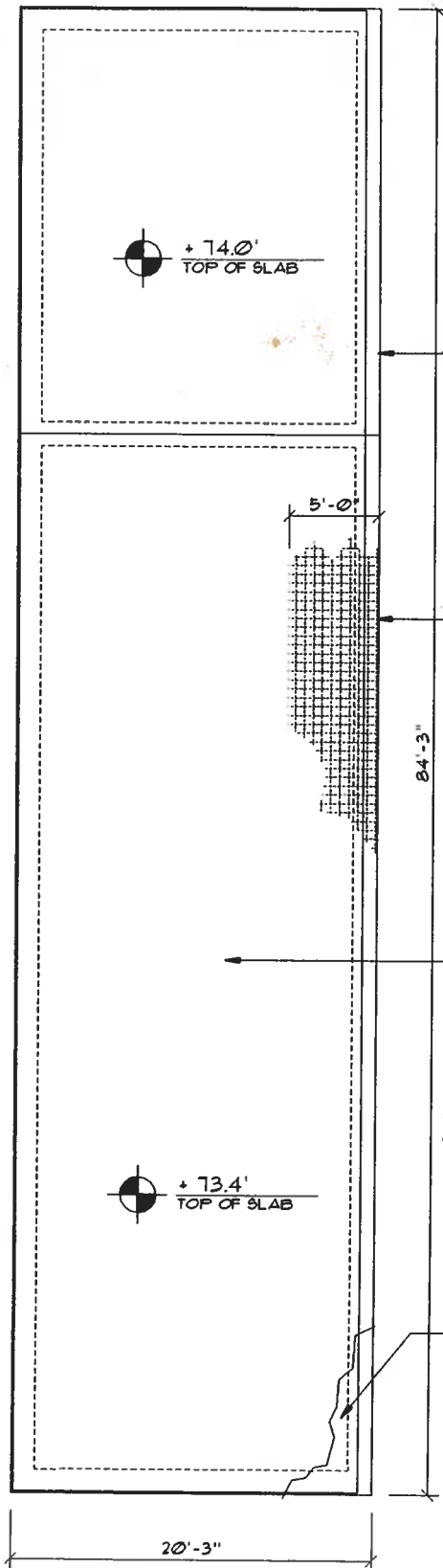
Form NPCA-99-B may still be used

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

ELISVILLE MINI STORAGE

Att'n JOE HALTIWANGER

~~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
JPH
Typical T.O.

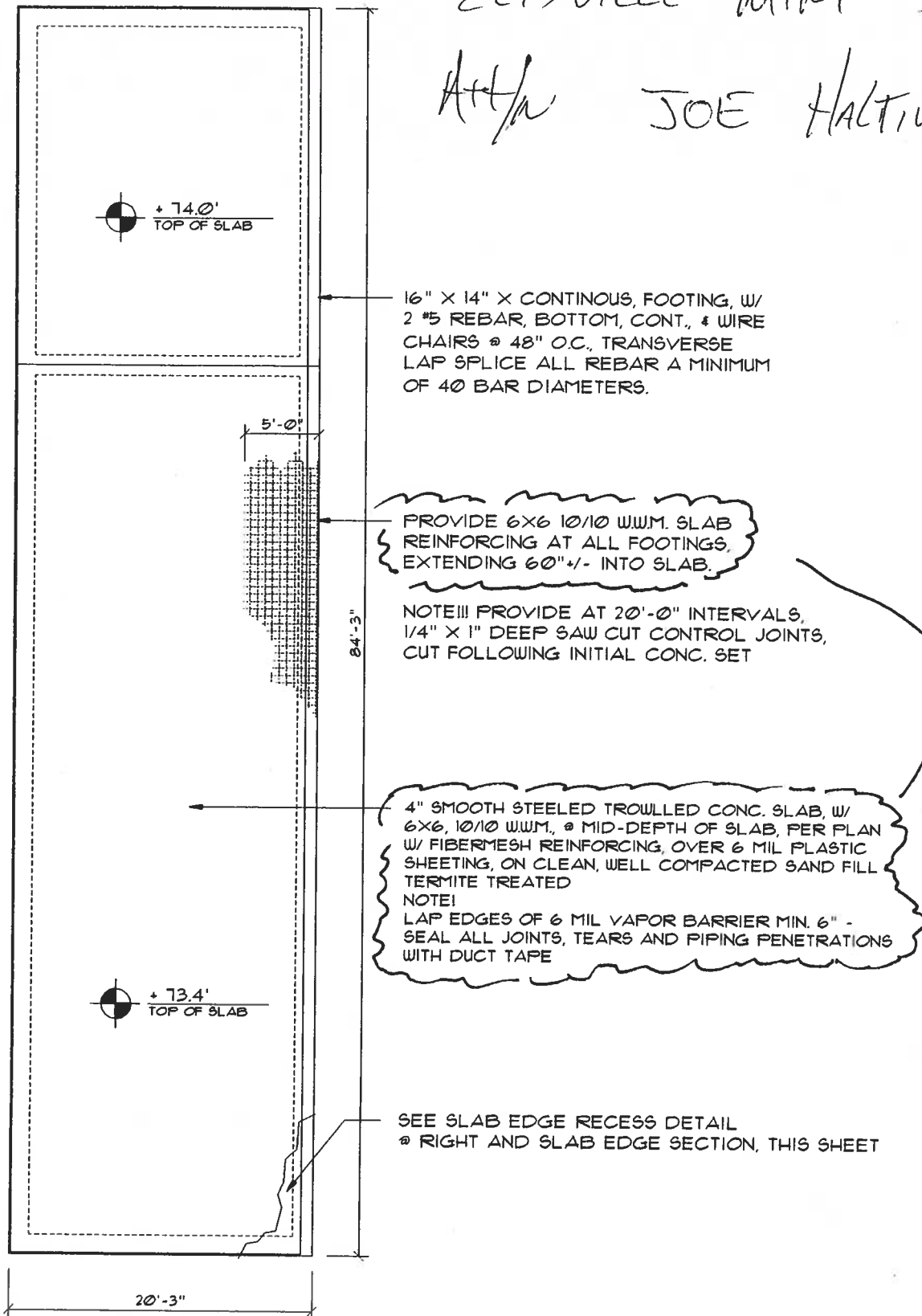
Foundation PLAN "E"

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

ELISVILLE MINI STORAGE

Att'n JOE HALTIWANGER

~~26210~~



Revised
11/2/2007
JPH
Typical T.O.

Foundation PLAN "E"

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

New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525

This form is completed by the licensed Pest Control Company.

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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. JB108478 Company Phone No. 386-755-3511 • 386-494-5751
FHA/VA Case No. (if any) _____

Section 2: Builder Information

Company Name: Trout River Trust Company Phone No. _____

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 441 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 B.T.
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 Trout River Trust 9-17-07 Bldg #2
7-19-07 Bldg #3
9-20-07 Bldg #3

Name of Applicator(s) Steve Brown 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 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: Town of Riva Building

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 Riverfront 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-Force
EPA Registration No. 53843-189
Approximate Final Mix Solution % 1.04
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

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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. JB103476 Company Phone No. 388-755-3611 • 352-494-6751
FHA/VA Case No. (if any) _____

Section 2: Builder Information

Company Name: Trust River East 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 B-100
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 Trust River East Bldg 12-1
Bldg 12-1 - 10-3-07
Bldg 12-3 - 10-3-07
Bldg 12-4 - 10-10-07
10-11-07 Bldg E 1
10-15-07 Bldg E 2

Name of Applicator(s) Steve Brown 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 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)

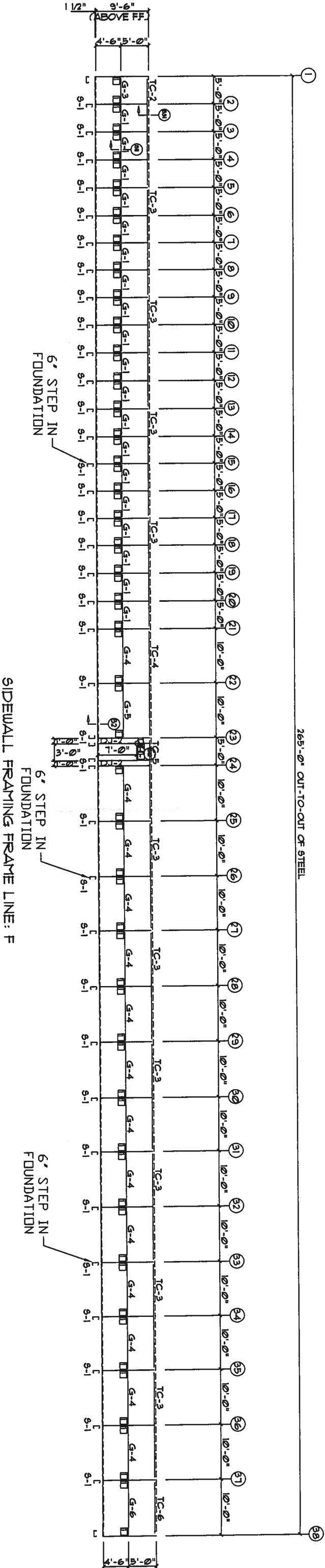
Form NPCA-99-B may still be used

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

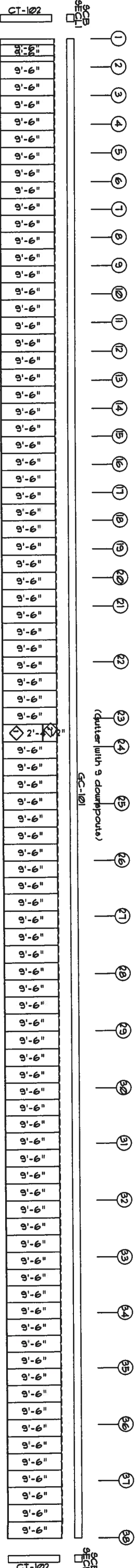
CONNECTION PLATES	
QID	MARK/PART
1	MC1

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

MEMBER TABLE		
MARK	PART	LENGTH
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-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. 5X - Light Stone



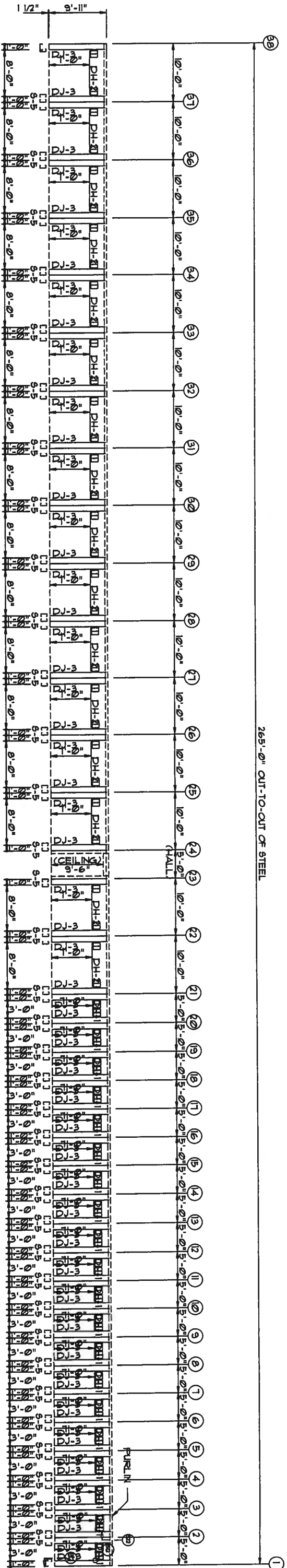
WWW.UNITEDSTEELBUILDING.COM

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

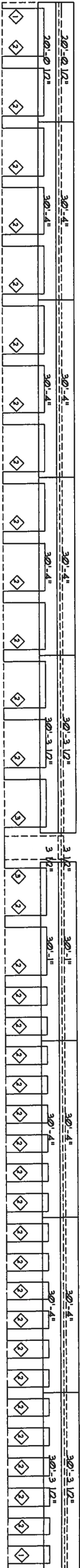
DESCRIPTION: SIDEWALL DRAWING	DRAWN BY:	REVISION:
BLDG SIZE: 25'-0" x 265'-0" x 9'-6"	DATE: 8/14/07	
CUSTOMER: North Florida Exteriors	JOB NUMBER: 0601472A	
LOCATION: Lake City, FL 32025	SCALE: N.T.S.	DRAWING NUMBER: E3

AUG 15 2007

MEMBER TABLE			
ITEM	MEMBER	SECTION	LENGTH
1	DH-3	408C36	16.000
2	DH-1	408C36	16.000
3	DH-2	408C36	16.000
FAST TABLE			
1	CP-13	64000	
2	CP-14	64000	
3	IT-30	81000	
CONNECTION TABLE			
1	MD1	HAZOPART	



WALL FRAMING FRAME LINE: D



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

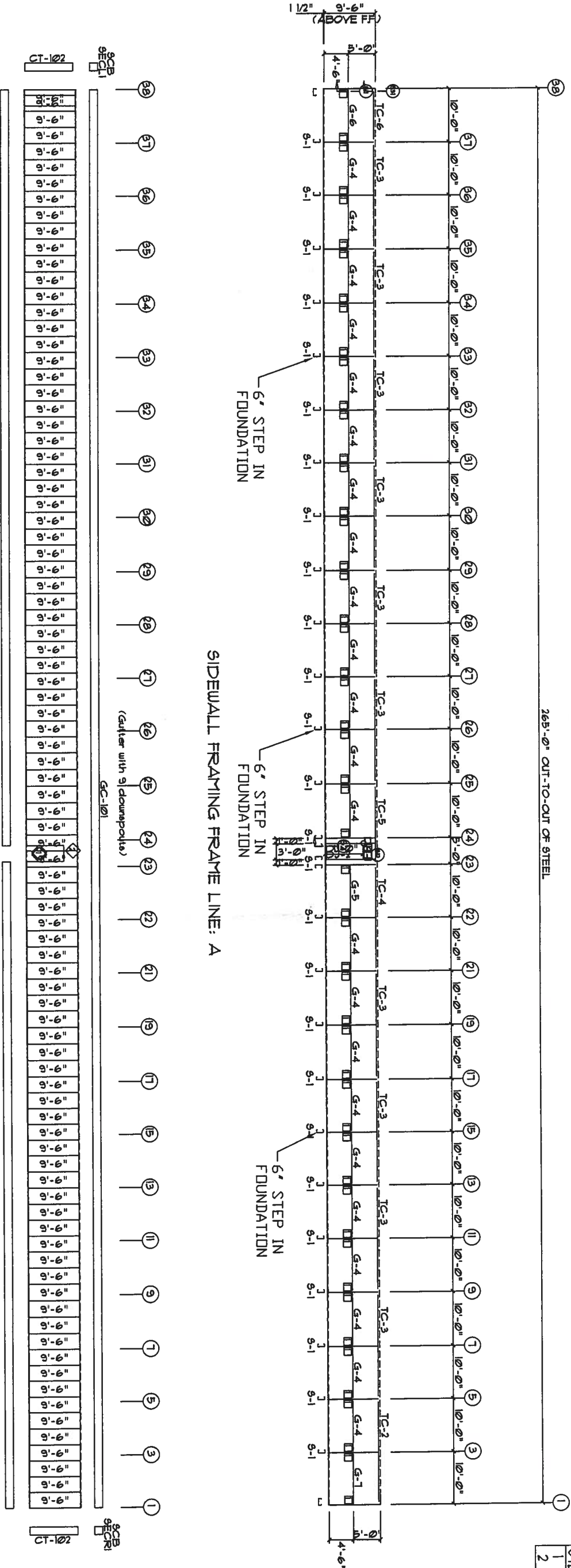
WWW.UNITEDSTEELBUILDING.COM
2700 W Cypress Creek Rd.
Ft. Lauderdale, FL 33309
Phone: 888-448-6963

DESCRIPTION: PARTITION DRAWING	DRAWN BY:	REVISION:
BUILD 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: E5

MEMBER TABLE		
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	MC1



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

WWW.UNITEDSTEELBUILDING.COM

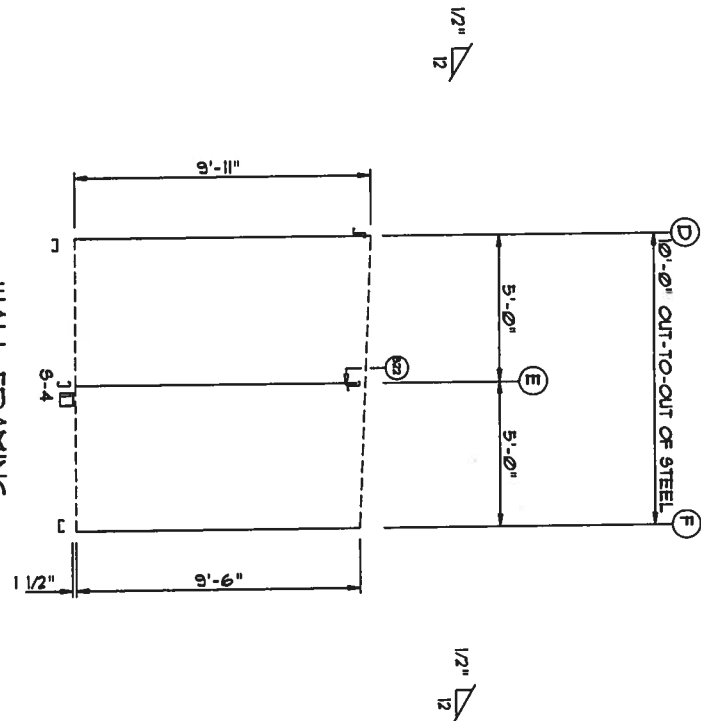
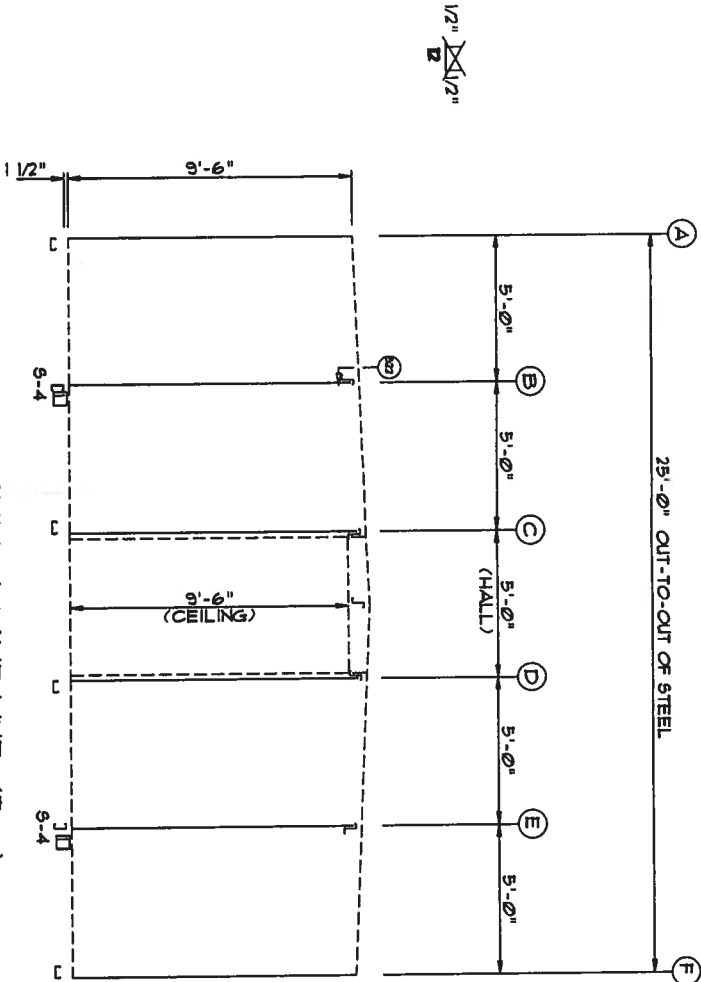
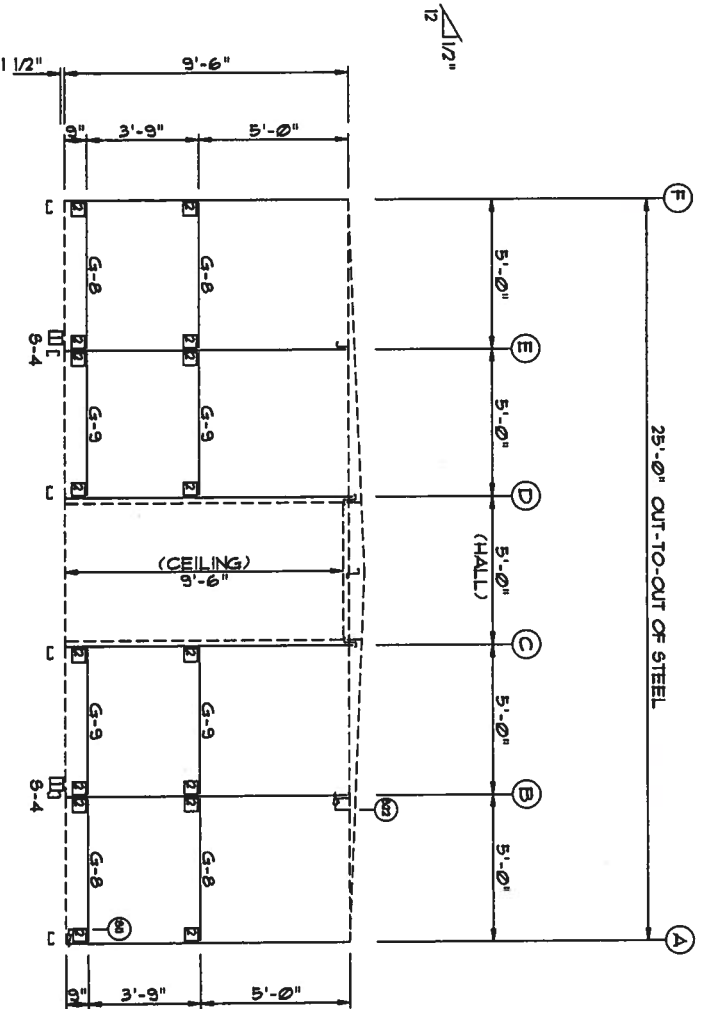
2700 W Cypress Creek Rd.
Ft. Lauderdale, FL 33309
Phone: 888-448-6963

DESCRIPTION: SIDEWALL DRAWING	DRI BY:	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: E6

WFB
AUG 15 2007

REVISION TABLE		
NO.	DATE	DESCRIPTION
1	8/13/07	ISSUED FOR PERMIT
2	8/13/07	REVISED
3	8/13/07	REVISED
4	8/13/07	REVISED
5	8/13/07	REVISED
6	8/13/07	REVISED
7	8/13/07	REVISED
8	8/13/07	REVISED
9	8/13/07	REVISED
10	8/13/07	REVISED

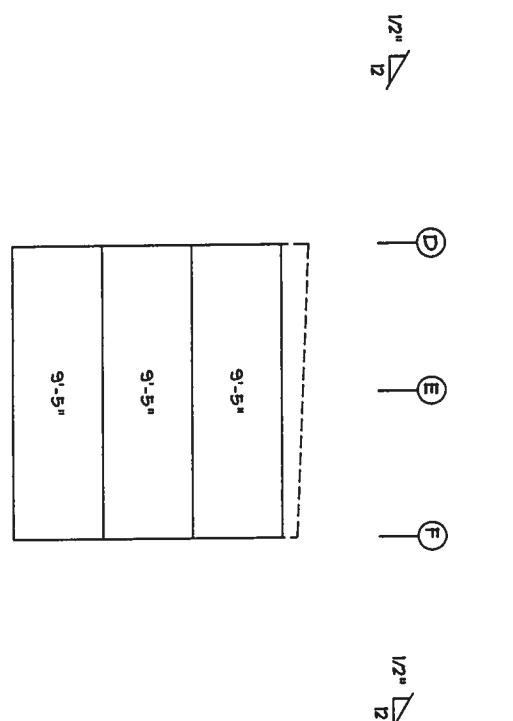
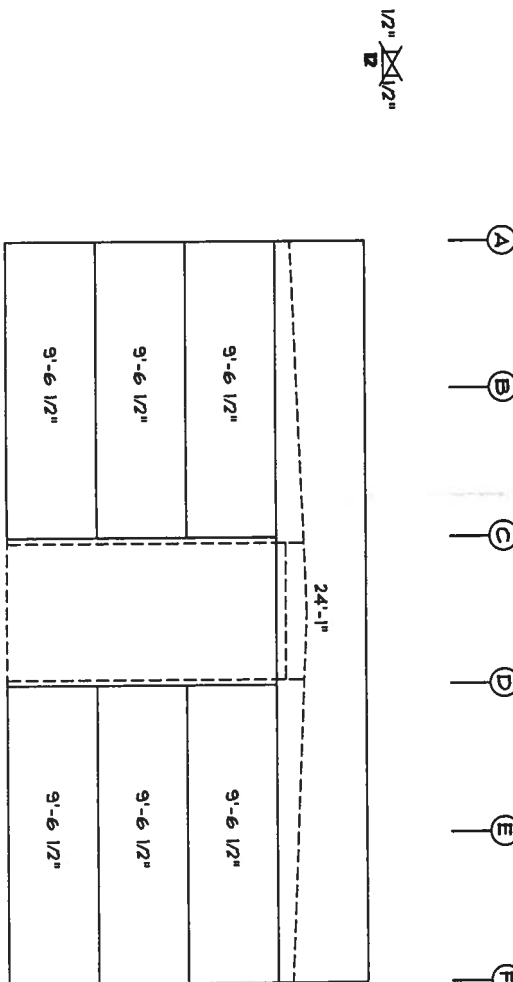
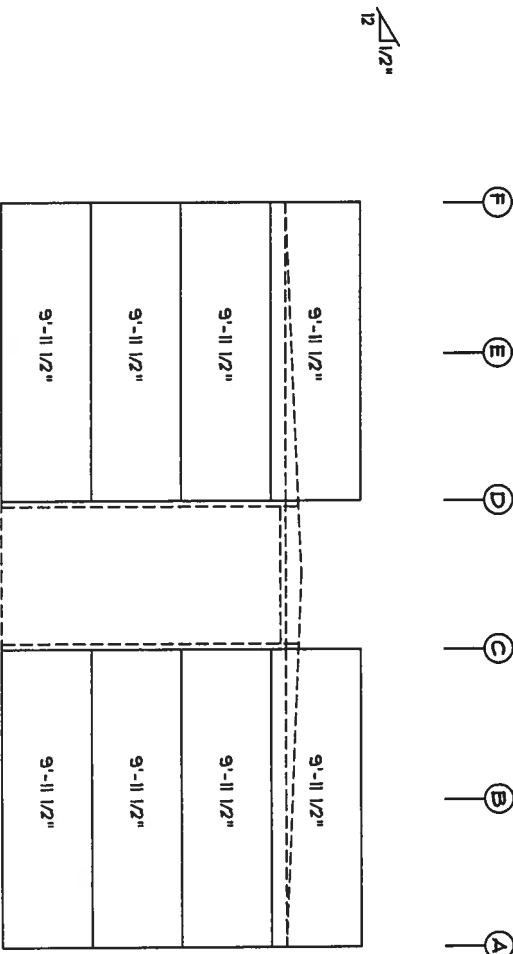
CONNECTION PLATES	
1	100
2	100
3	100
4	100
5	100
6	100
7	100
8	100
9	100
10	100



WALL FRAMING FRAME LINE: 23

WALL FRAMING FRAME LINE: (TYP)

WALL FRAMING
FRAME LINE: 2 4 6 8 10
12 14 16 18
20



WALL SHEETING & TRIM FRAME LINE: 23

WALL SHEETING & TRIM FRAME LINE: (TYP)

WALL SHEETING & TRIM
FRAME LINE: 2 4 6 8 10
12 14 16 18
20

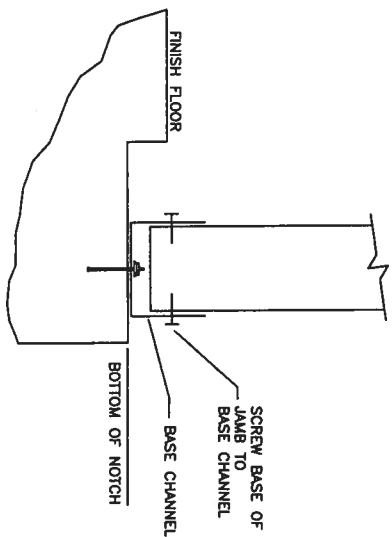
PANEL 5: 23 GA. 9P - NEED COLOR

PANEL 5: 23 GA. 9P - NEED COLOR

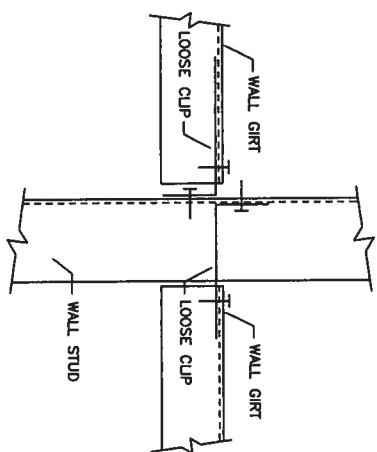
PANEL 5: 23 GA. 9P - NEED COLOR

WALL SHEETING & TRIM
FRAME LINE: 2 4 6 8 10
12 14 16 18
20

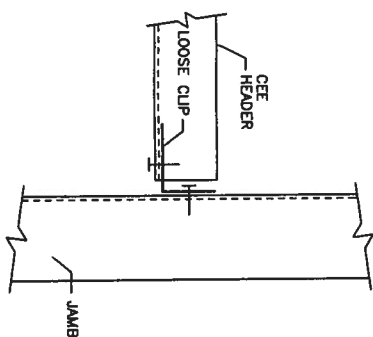
WWW.UNITEDSTEELBUILDING.COM	
2700 W Cypress Creek Rd.	
Ft. Lauderdale, FL 33309	
Phone: 888-448-6963	
DESCRIPTION: PARTITION DRAWING	
BUD SIZE: 25'-0" x 265'-0" x 9'-6"	
CUSTOMER: North Florida Exteriors	
LOCATION: Lake City, FL 32025	
DATE: 8/13/07	REVISION:
JOB NUMBER: 0601472A	
SCALE: N.T.S.	DRAWING NUMBER: E7



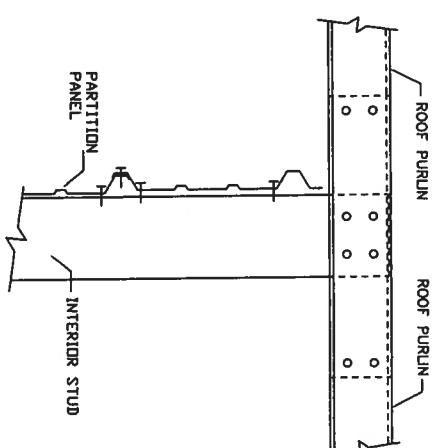
S2 BASE OF SIDEWALL OR
ENDWALL WITH CHANNEL



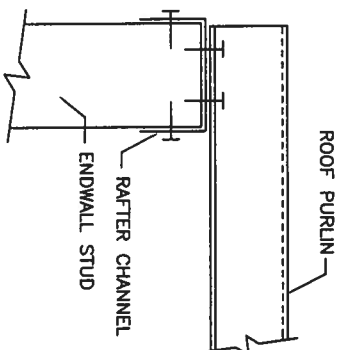
S11 JAMB OR COLUMN TO GIRT



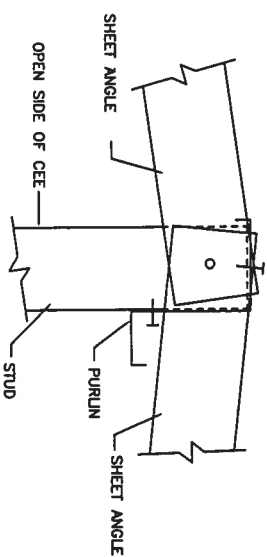
S12 HEADER TO JAMB



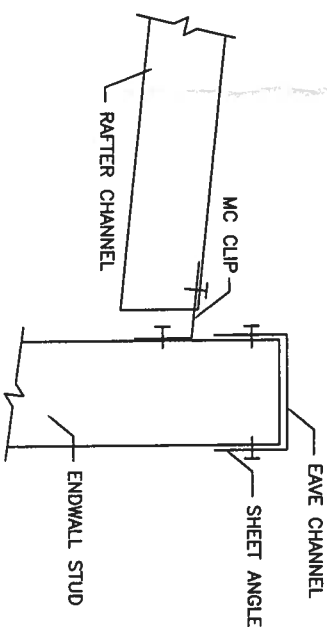
S22 INTERIOR COLUMN TO PURLIN
(WITHOUT RAFTER)



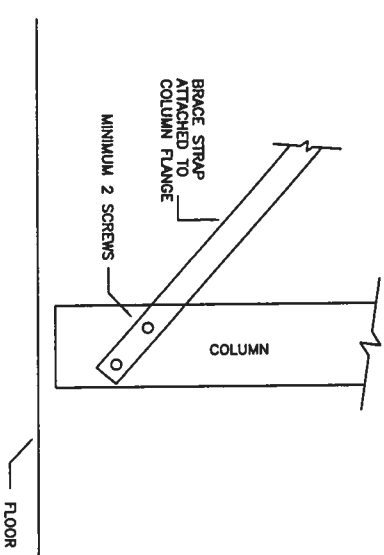
S23 ENDWALL COLUMN/JAMB TO
PURLIN WITH RAFTER



S25 PEAK PURLIN CONNECTION AT
ENDWALL WITHOUT RAFTER



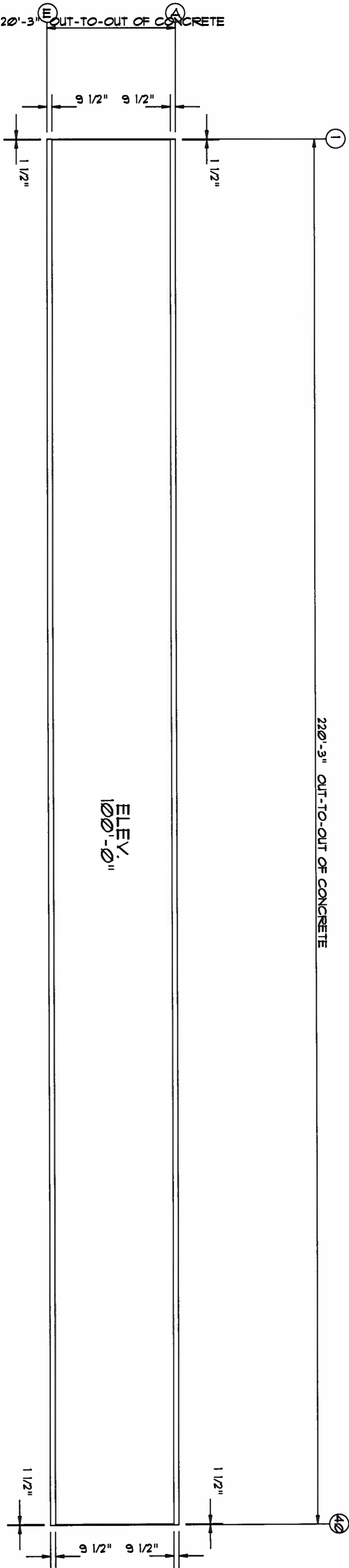
S31 INTERIOR RAFTER TO SIDEWALL
COLUMN WITHOUT EAVE STRUT



S82 BRACE STRAP TO COLUMN BOTTOM

REVISED 15 2001

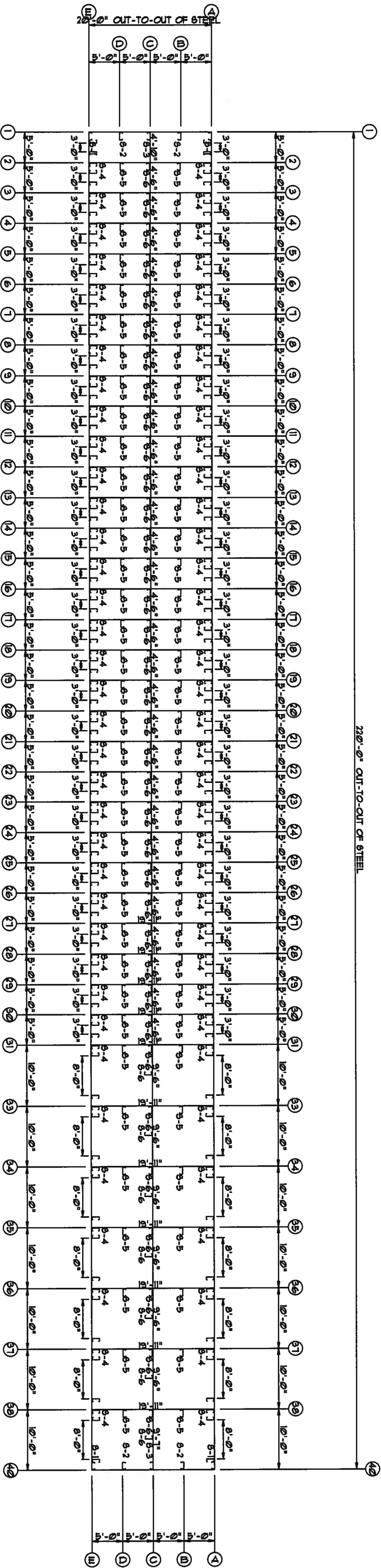
WWW.UNITEDSTEELBUILDING.COM	
2700 W Cypress Creek Rd.	
Ft. Lauderdale, FL 33309	
Phone: 888-448-6963	
DESCRIPTION: Detail Page	DATE: 8/13/07
BLDG SIZE: 25'-0" x 265'-0" x 9'-6"	JOB NUMBER: 0601472A
CUSTOMER: North Florida Exteriors	SCALE: N.T.S.
LOCATION: Lake City, FL 32025	DRAWING NUMBER: D1



ANCHOR PLAN

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

MEMBER TABLE		
MARK	PART	LENGTH
5-1	4X25C16	114.0000
5-2	4X25C16	112.247
5-3	4X25C16	114.747
5-4	4X25C16	115.5000
5-5	4X25C16	116.5000
5-6	4X25C16	119.0000

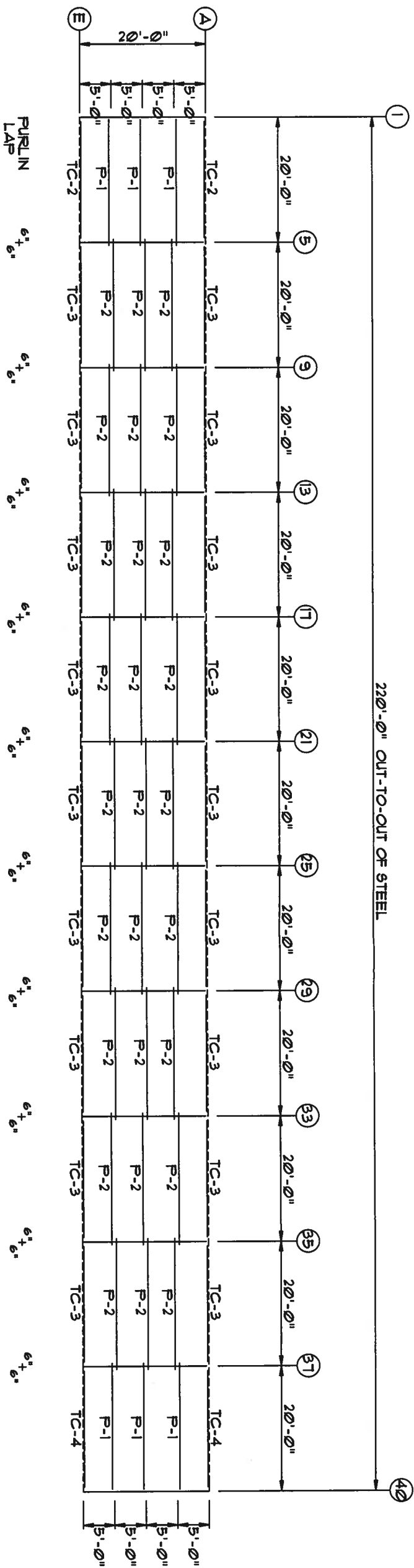


FLOOR PLAN

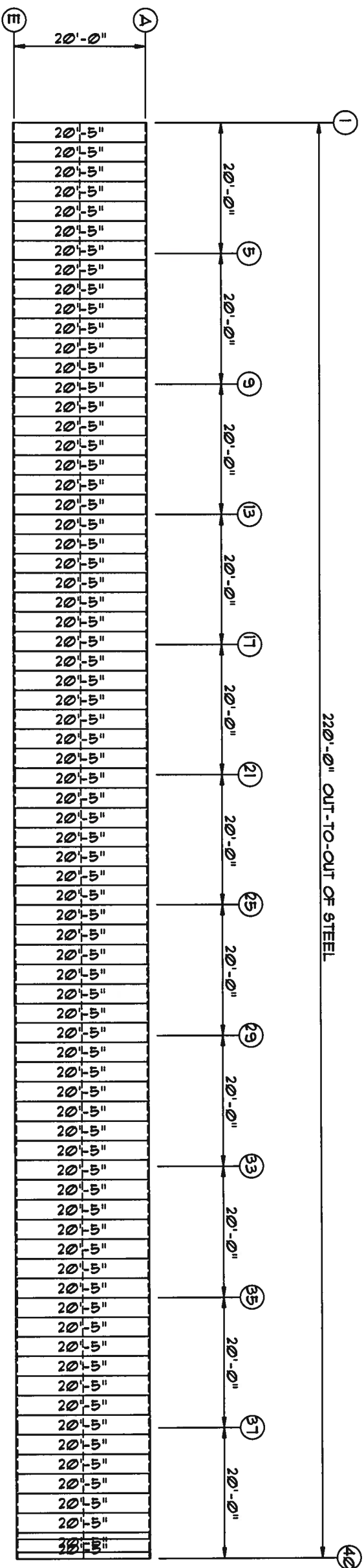
AUG 15 2007

W W W. UNITED STEEL BUILDING.COM	
2700 W Cypress Creek Rd.	
Ft. Lauderdale, FL 33309	
Phone: 888-448-6963	
DESCRIPTION:	DATE: 8/14/07
BUILDING SIZE: 20'-0" x 220'-0" x 9'-6"	JOB NUMBER: 0601472B
CUSTOMER: North Florida Exteriors	SCALE: N.T.S.
LOCATION: Lake City, FL, 32025	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	4X25Z16	245.1500
P-2	4X25Z16	252.0000



ROOF FRAMING



ROOF SHEETING & TRIM

PANELS: 26 GA. SX - NEED COLOR

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

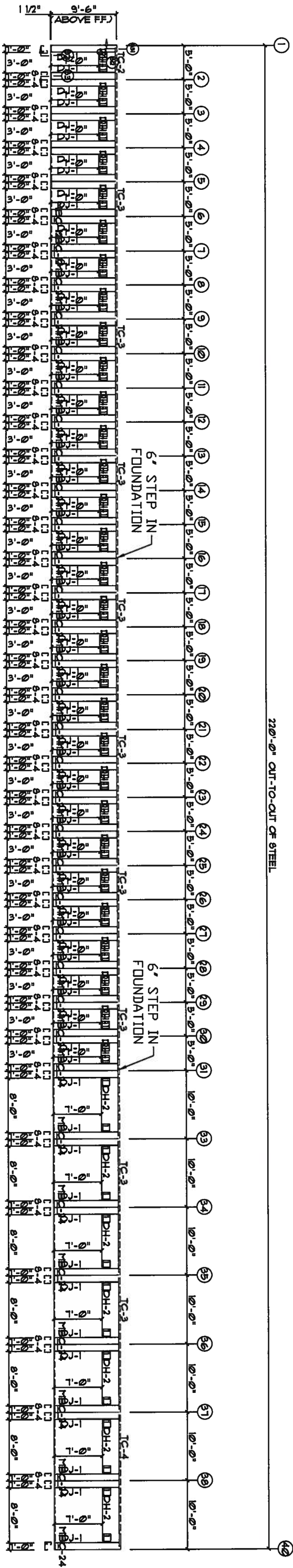
DESCRIPTION: ROOF DRAWING	DRAWN BY:	REVISION:
BUILDING SIZE: 20'-0" x 220'-0" x 9'-6"	DATE: 8/14/07	
CUSTOMER: North Florida Exteriors	JOB NUMBER: Sherrouse-C	
LOCATION: Lake City, FL 32025	SCALE: N.T.S.	DRAWING NUMBER: E1

AUG 15 2007

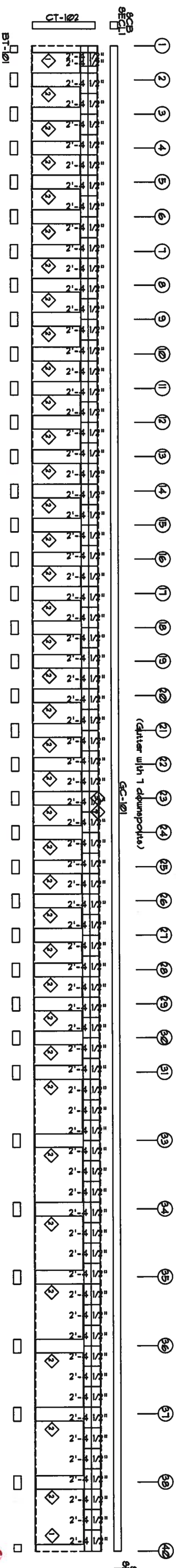
CONNECTION PLATES	
OID	MARK/PART
1	MCI

TRIM TABLE	
OID	MARK
1	CP4-12
2	JPI-24
3	HT-101
4	HT-101

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

PANELS: 26 GA. 5X - Light Blue

AUG 15 2001

WWW.UNITEDSTEELBUILDING.COM

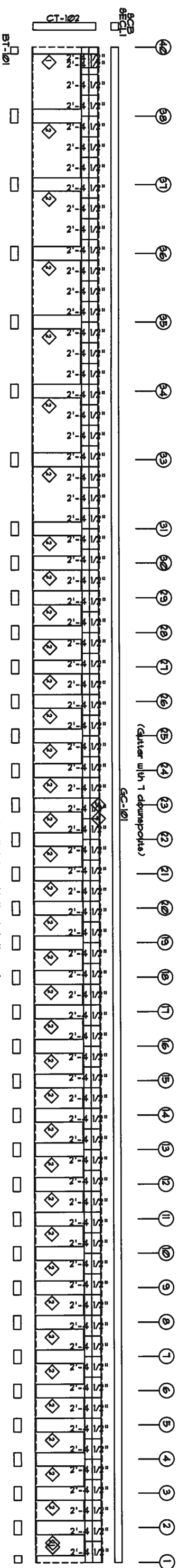
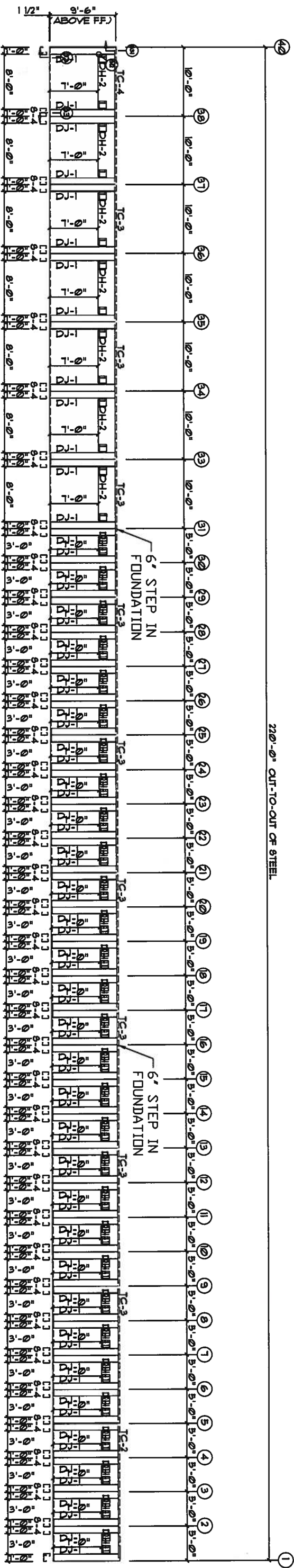
2700 W Cypress Creek Rd.
Ft. Lauderdale, FL 33309
Phone: 888-448-6963

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

CONNECTION PLATES	
OID	MARK/PART
1	MCI

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

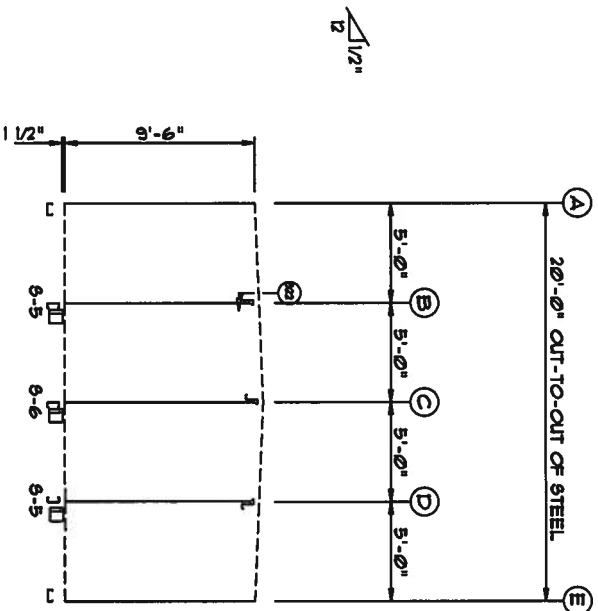
MEMBER TABLE			
MARK	PART	LENGTH	
S-4	4X25C16	9'-1 1/2"	
DJ-1	4X25C16	9'-1 1/2"	
TC-2	4X20016	20'-1"	
TC-3	4X20016	20'-0"	
TC-4	4X20016	19'-11"	
DH-1	4X25C16	3'-0"	
DH-2	4X25C16	8'-0"	



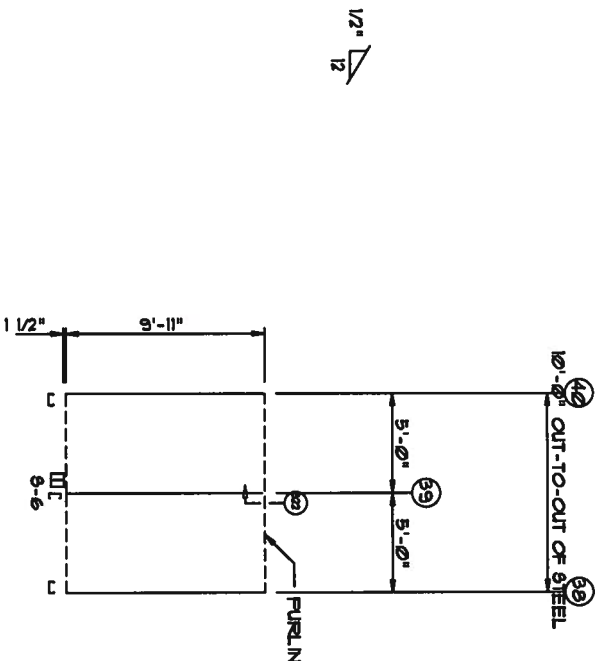
WWW.UNITEDSTEELBUILDING.COM
2700 W Cypress Creek Rd.
Ft. Lauderdale, FL 33309
Phone: 888-448-6963

DESCRIPTION: SIDEWALL DRAWING
BLDG SIZE: 20'-0" x 220'-0" x 9'-6"
CUSTOMER: North Florida Exteriors
LOCATION: Lake City, FL 32025

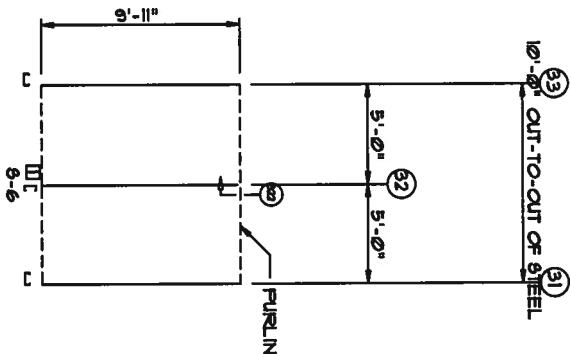
DRAWN BY: DATE: 8/14/07
JOB NUMBER: SHEET NO. 4
SCALE: N.T.S. DRAWING NUMBER: E4



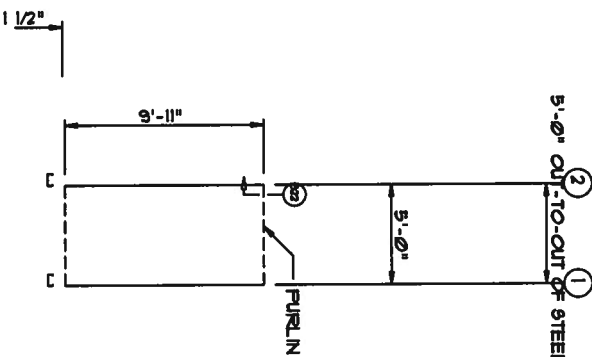
WALL FRAMING
FRAME LINE: (TYP)



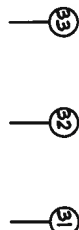
WALL FRAMING
FRAME LINE: C



WALL FRAMING
FRAME LINE: C



WALL FRAMING
FRAME LINE: C



19'-11"
19'-11"
19'-11"

WALL SHEETING & TRIM
FRAME LINE: (TYP)
PANELS: 29 GA. GP - NEED COLOR

9'-7"
9'-7"
9'-7"

WALL SHEETING & TRIM
FRAME LINE: C
PANELS: 29 GA. GP - NEED COLOR

9'-6"
9'-6"
9'-6"

WALL SHEETING & TRIM
FRAME LINE: C
PANELS: 29 GA. GP - NEED COLOR

4'-10"
4'-10"
4'-10"

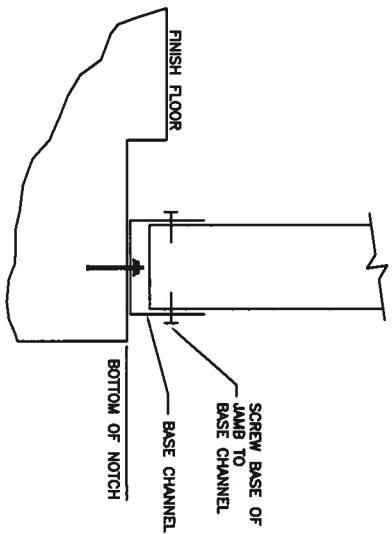
WALL SHEETING & TRIM
FRAME LINE: C
PANELS: 29 GA. GP - NEED COLOR

WJG
AUG 15 2007

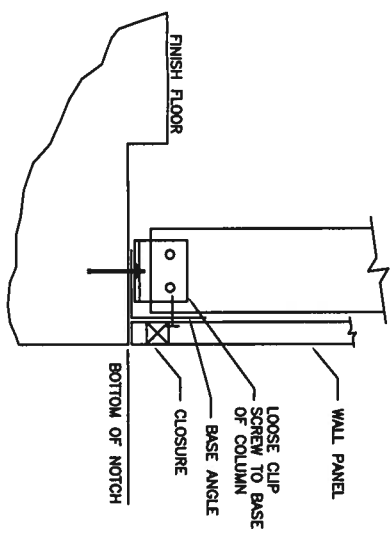
WWW.UNITEDSTEELBUILDING.COM

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

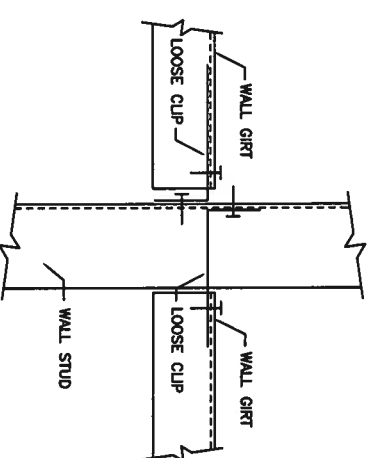
DESCRIPTION: PARTITION DRAWING	DRAWN BY:	REVISION:
BUILD SIZE: 20'-0" x 220'-0" x 9'-6"	DATE: 8/14/07	
CUSTOMER: North Florida Exteriors	JOB NUMBER: Shertrouse-C	
LOCATION: Lake City, FL, 32025	SCALE: N.T.S.	DRAWING NUMBER: E5



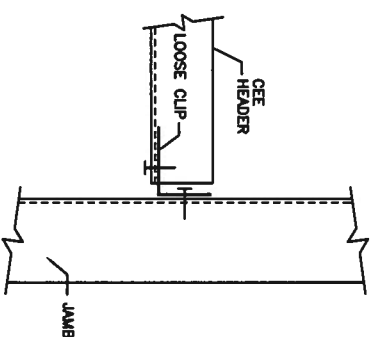
S2 BASE OF SIDEWALL OR
ENDWALL WITH CHANNEL



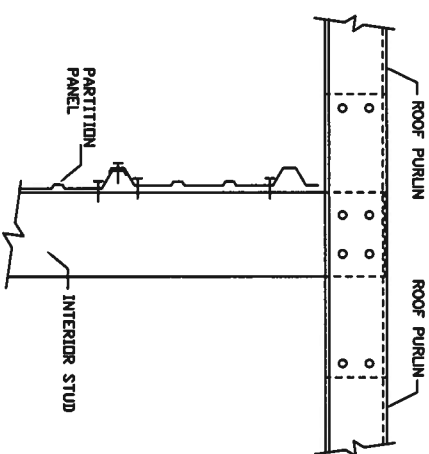
S3 BASE OF SIDEWALL OR
ENDWALL WITH ANGLE



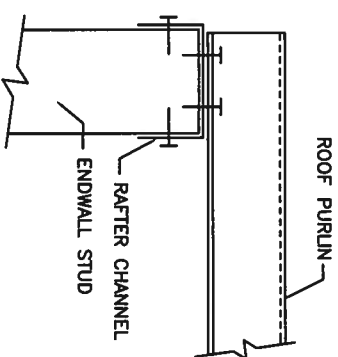
S11 JAMB OR COLUMN TO GIRT



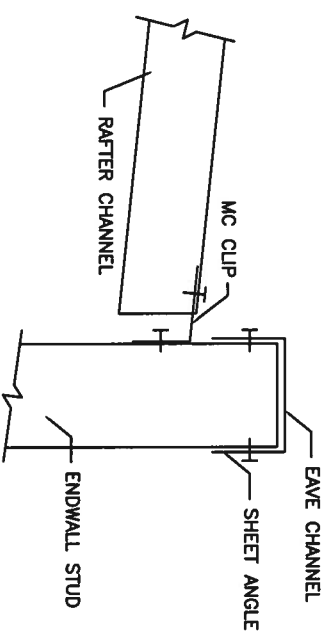
S12 HEADER TO JAMB



S22 INTERIOR COLUMN TO PURLIN
(WITHOUT RAFTER)



S23 ENDWALL COLUMN/JAMB TO
PURLIN WITH RAFTER

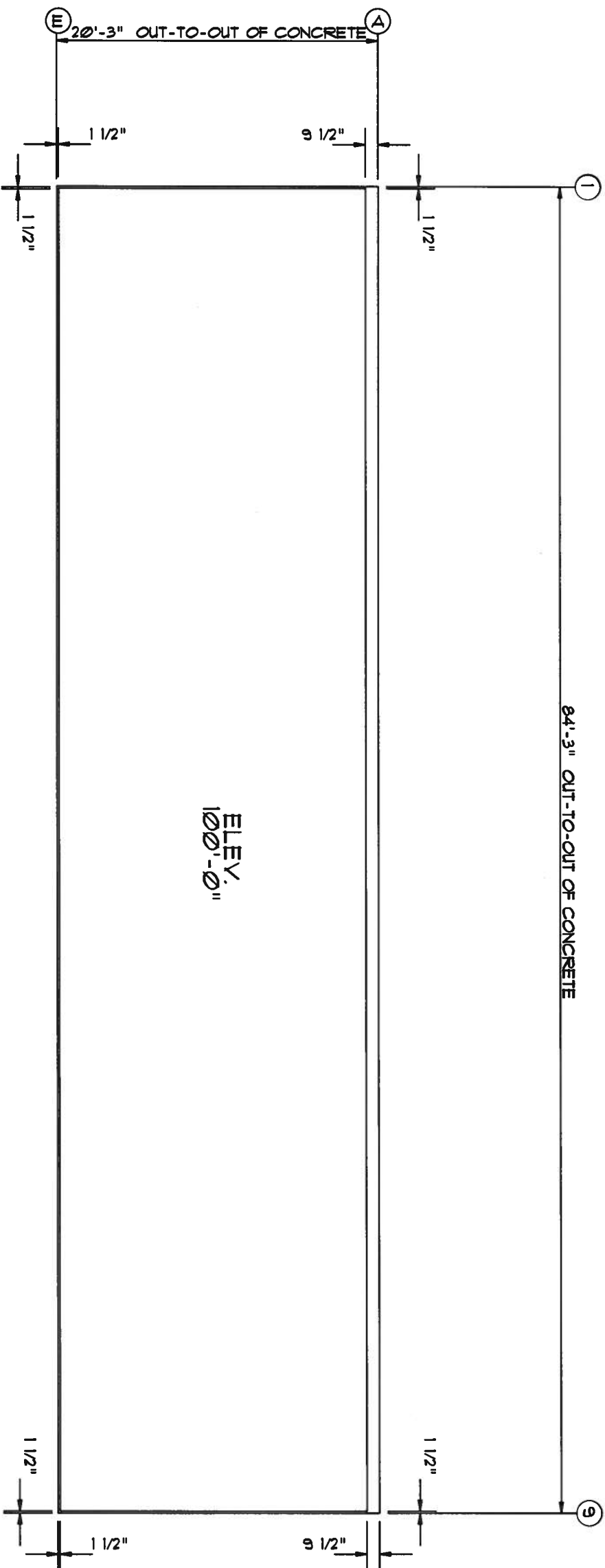


S31 INTERIOR RAFTER TO SIDEWALL
COLUMN WITHOUT EAVE STRUT

WFL
AUG 15 2008

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

DESCRIPTION: Detail Page	DRN BY:	REVISION:
BDS SIZE: 20'-0" x 22'-0" x 9'-6"	DATE: 8/14/07	
CUSTOMER: North Florida Exteriors	JOB NUMBER: 0601472B	
LOCATION: Lake City, FL 32025	SCALE: N.T.S.	DRAWING NUMBER: D1

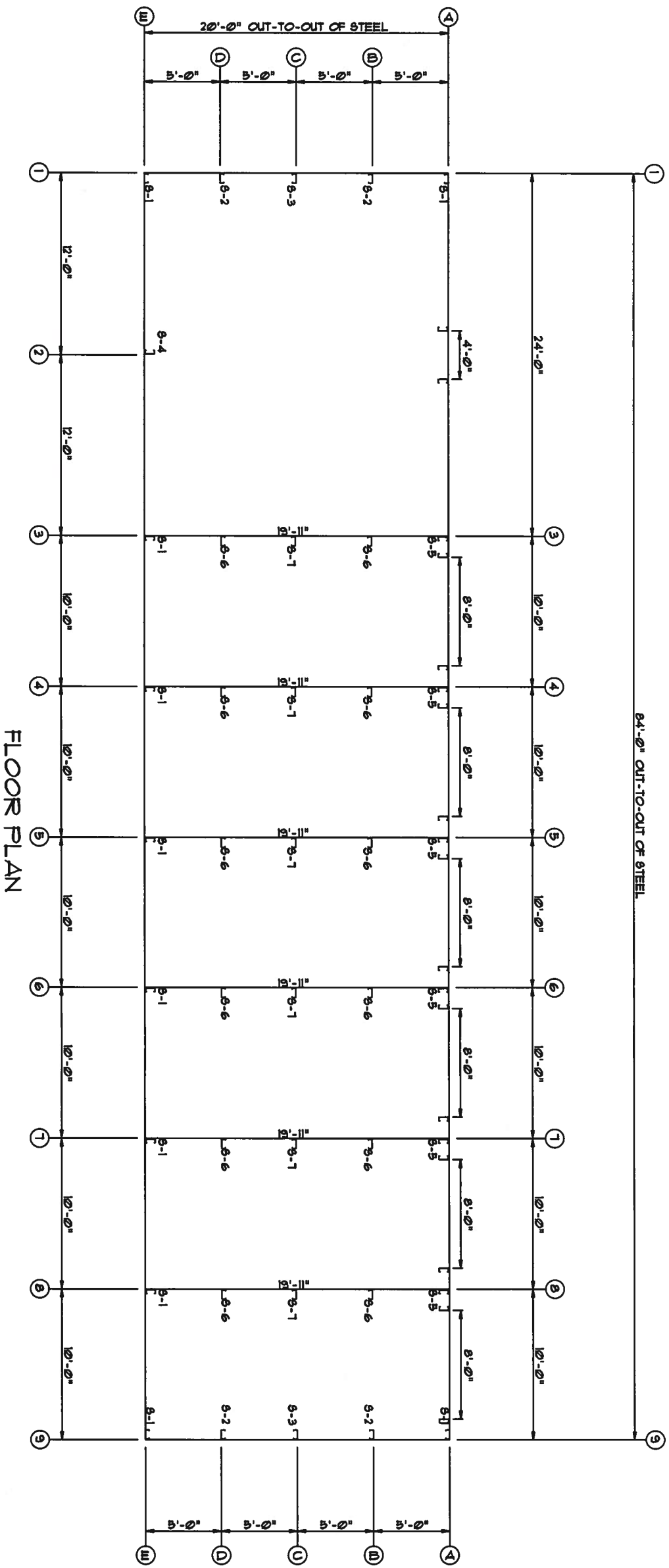


ANCHOR PLAN

WUG
AUG 15 2007

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

MEMBER TABLE		
MARK	PART	LENGTH
S-1	4X25C16	114.000
S-2	4X25C16	112.241
S-3	4X25C16	114.141
S-4	4X25C14	114.000
S-5	4X25C16	115.500
S-6	4X25C16	116.500
S-7	4X25C16	119.000

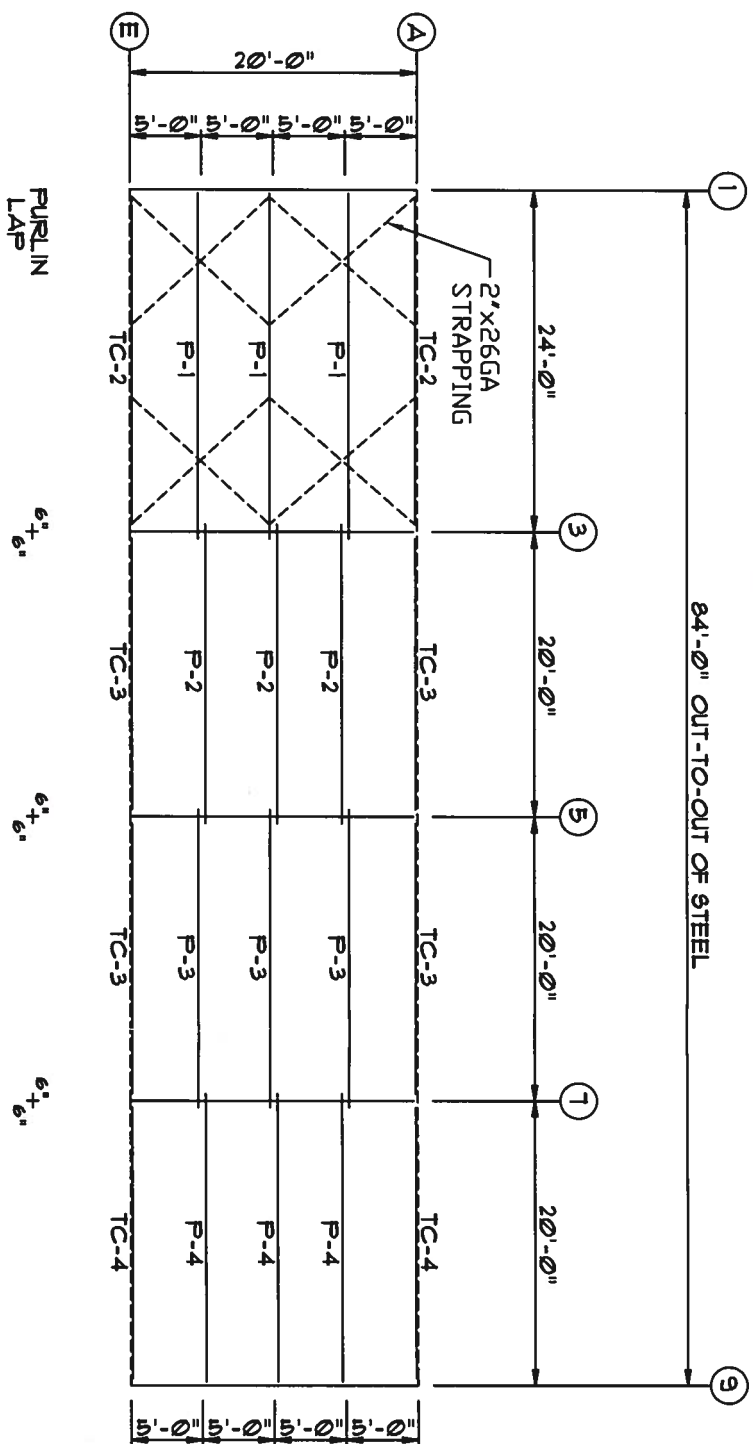


FLOOR PLAN

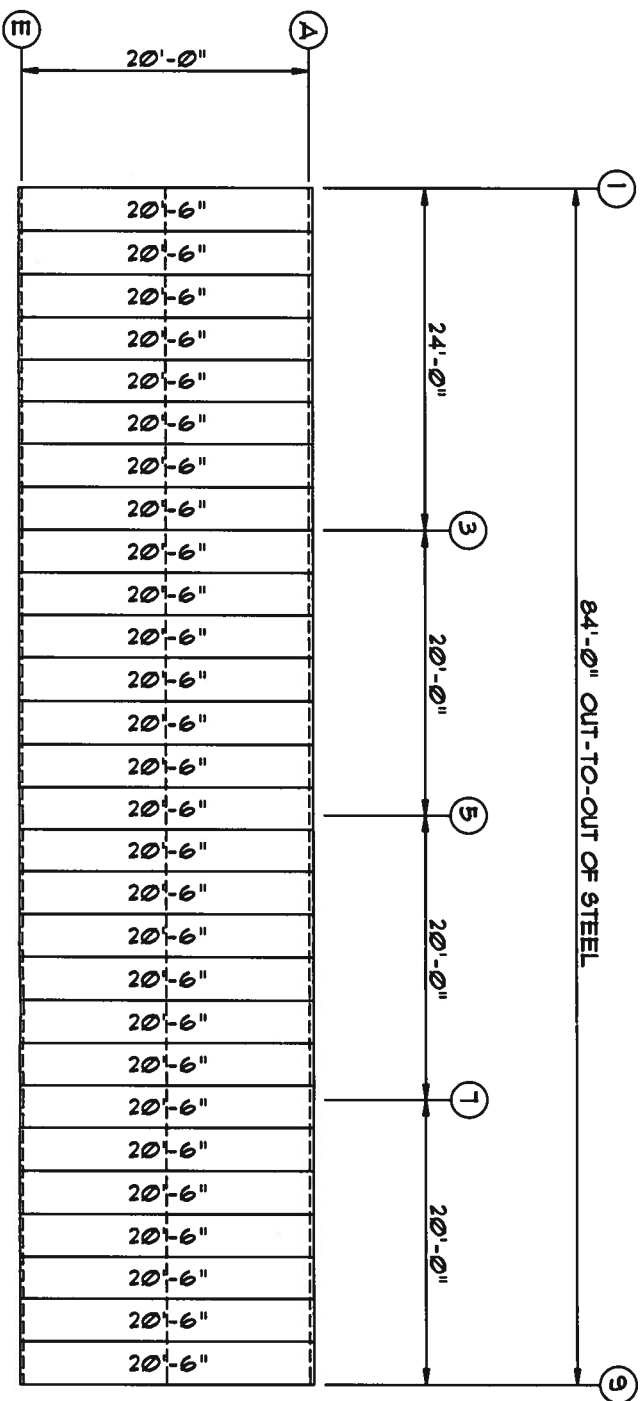
Aug 13 2007

WWW.UNITEDSTEELBUILDING.COM		
2700 W Cypress Creek Rd.		
Ft. Lauderdale, FL 33309		
Phone: 888-448-6963		
DESCRIPTION:	DRN Bt:	REVISION:
BLDG 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
TC-2	4X20016	269.0000
TC-3	4X20016	240.0000
TC-4	4X20016	239.0000
P-1	4X25214	293.1500
P-2	4X25214	252.0000
P-3	4X25216	252.0000
P-4	4X25216	245.1500



ROOF FRAMING



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

W W W.UNITEDSTEELBUILDING.COM

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

DESCRIPTION: ROOF DRAWING

DATE: 8/13/07

JOB NUMBER: 0601472F

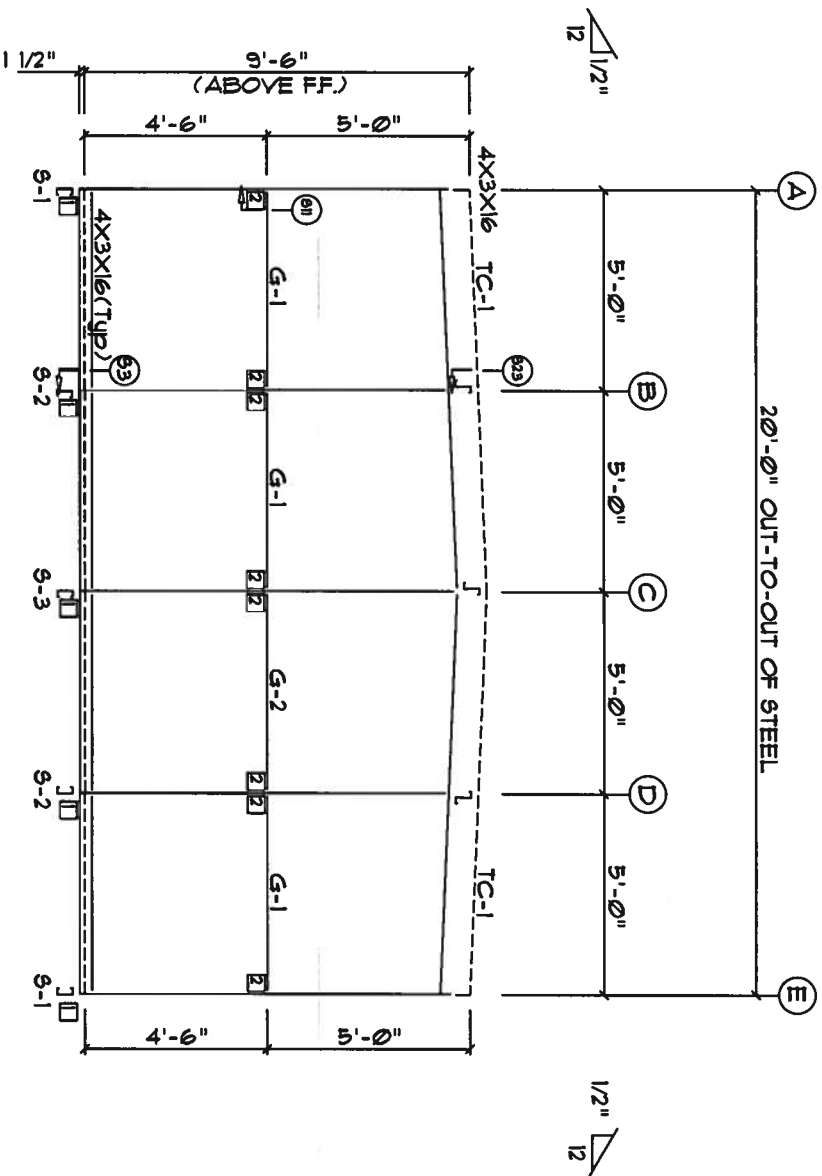
DRN BY:

REVISION:

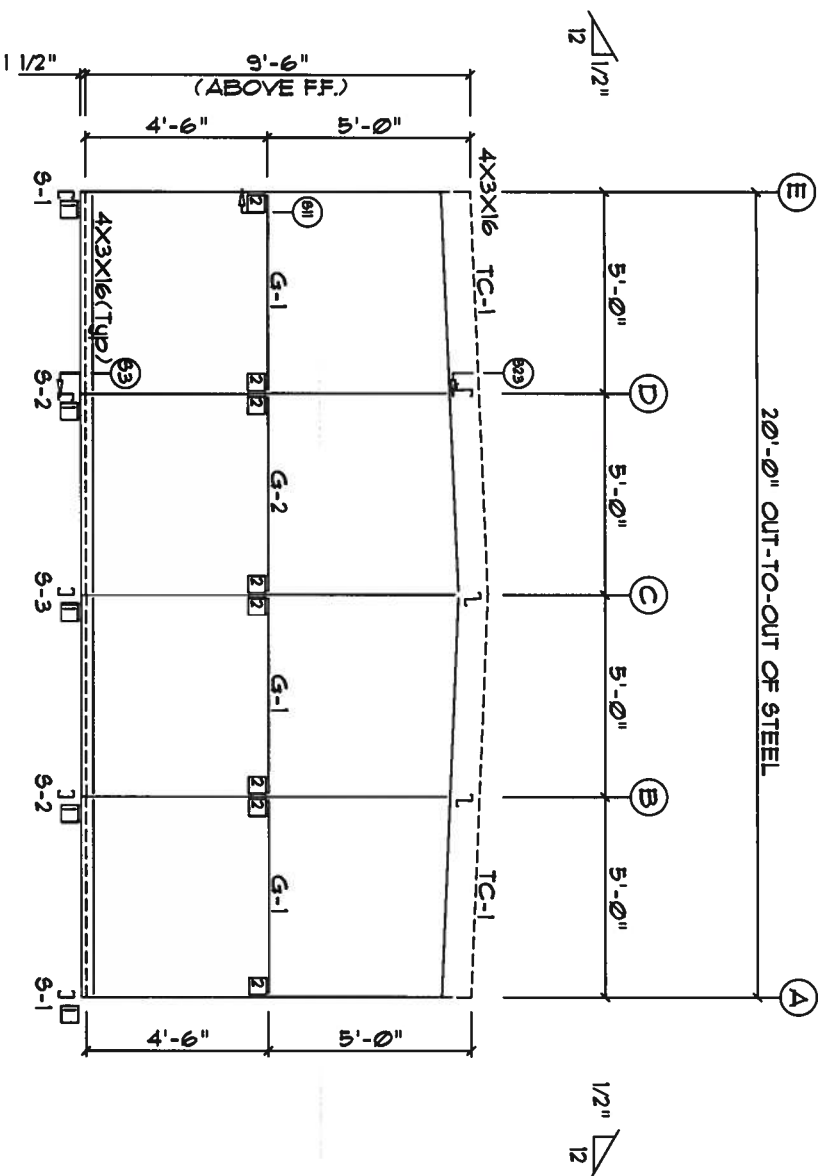
CUSTOMER: North Florida Exteriors

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"

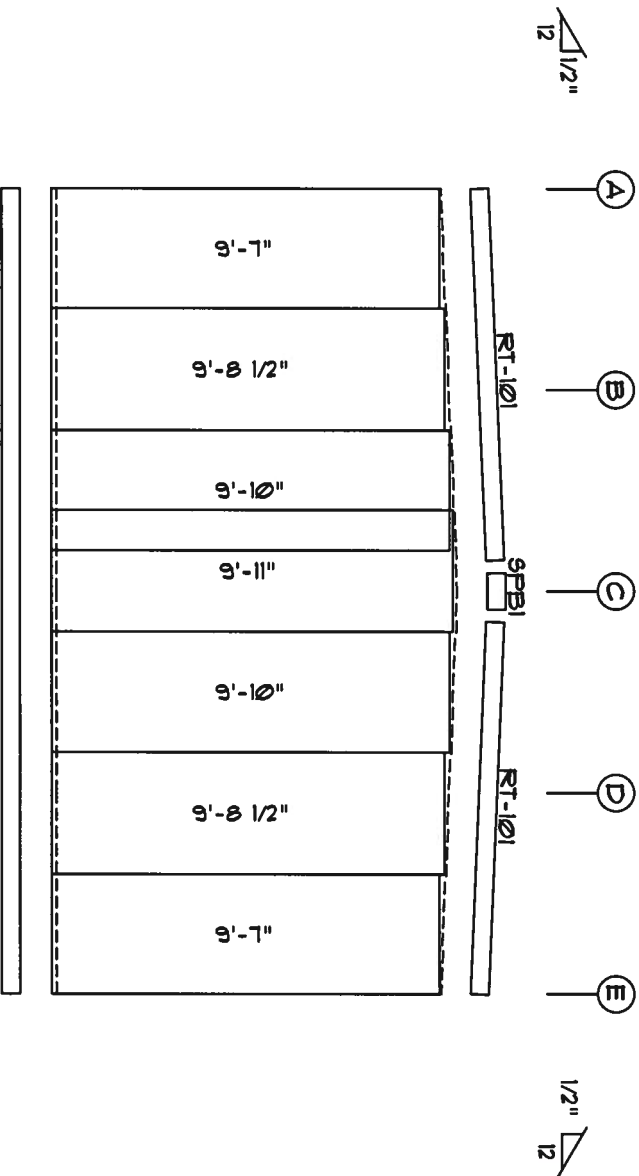
CONNECTION PLATES		
QID	MARK	PART
1	BC1	
2	MC1	



ENDWALL FRAMING FRAME LINE: 1

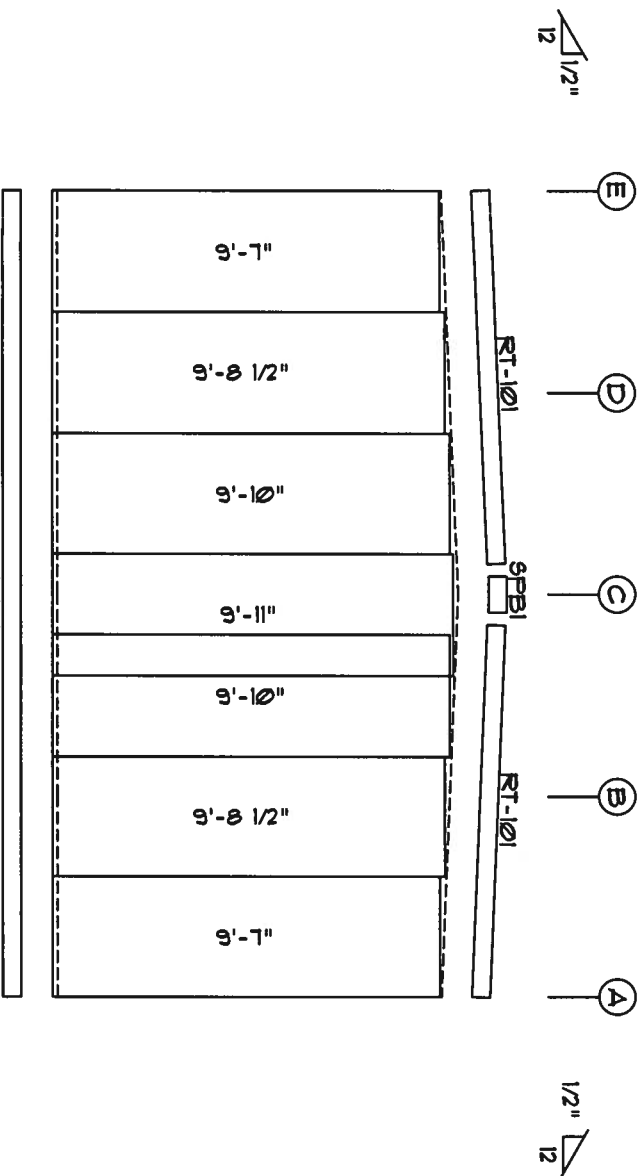


ENDWALL FRAMING FRAME LINE: 9



ENDWALL SHEETING & TRIM
FRAME LINE: 1

PANELS: 26 Ga. 5X - Light Stone



ENDWALL SHEETING & TRIM
FRAME LINE: 9

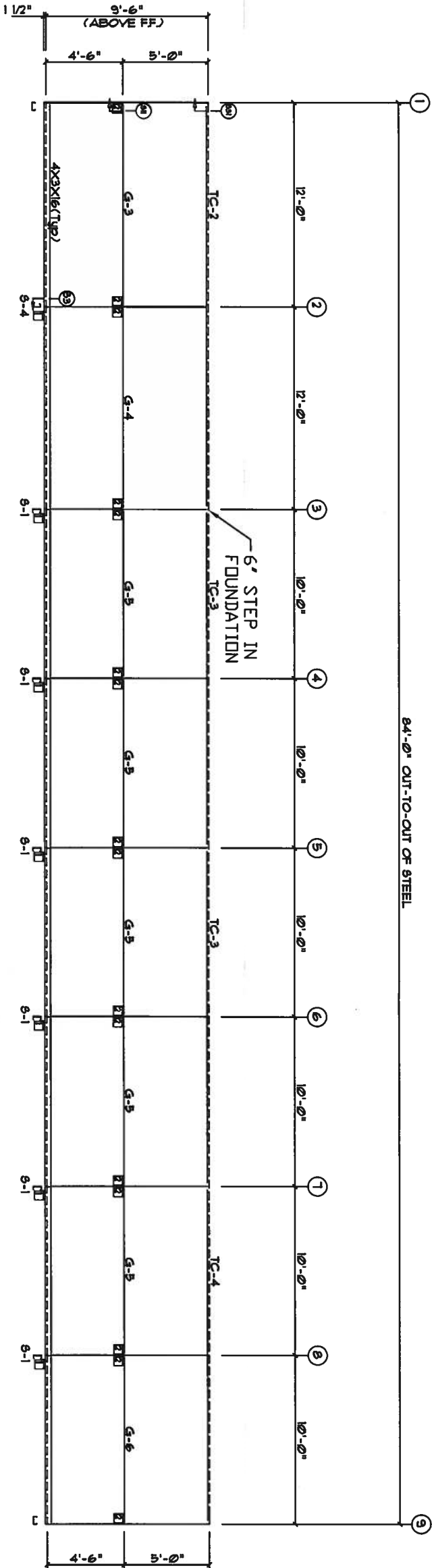
PANELS: 26 Ga. 5X - Light Stone

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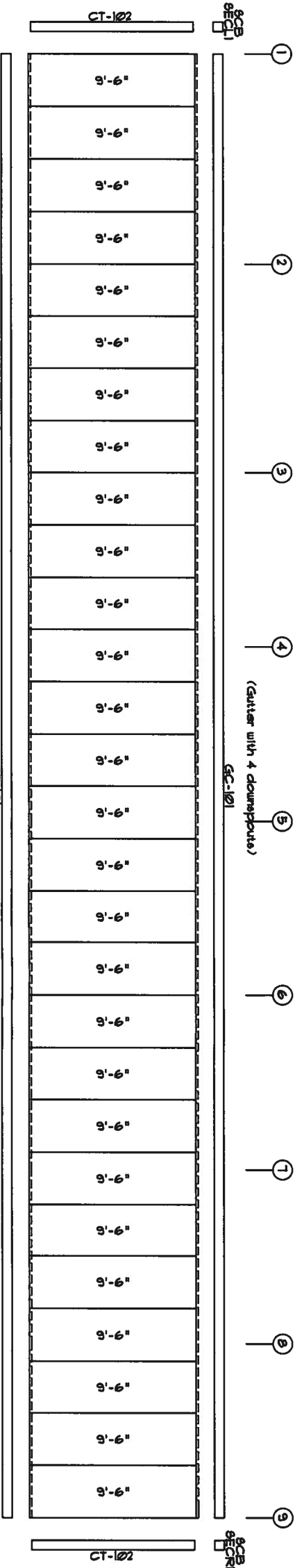
WWW.UNITEDSTEELBUILDING.COM	
2700 W Cypress Creek Rd.	
Ft. Lauderdale, FL 33309	
Phone: 888-448-6963	
DESCRIPTION: ENDWALL DRAWING	DRAWN BY: PERSON:
BLDG SIZE: 20'-0" x 84'-0" x 9'-6"	DATE: 8/13/07
CUSTOMER: North Florida Exteriors	JOB NUMBER: 0601472F

MEMBER TABLE		
MARK	PART	LENGTH
S-1	4X25C16	9'-6"
S-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 FRAMING FRAME LINE: E



SIDEWALL SHEETING & TRIM FRAME LINE: E

PANELS: 26 GA. SX - Light Stone

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Phone: 888-448-6963

DESCRIPTION: SIDEWALL DRAWING

BLUE SIZE: 20'-0" x 84'-0" x 9'-6"

CUSTOMER: North Florida Exteriors

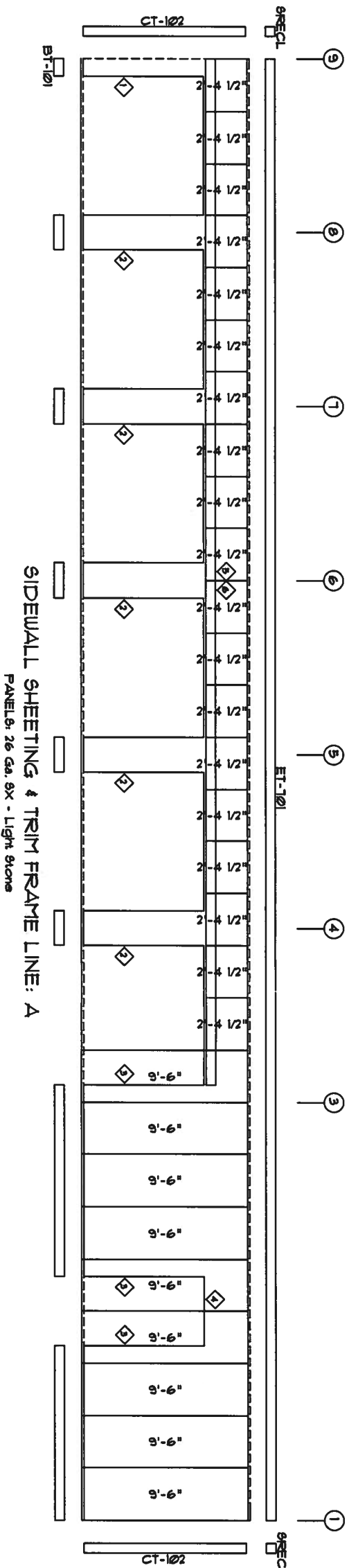
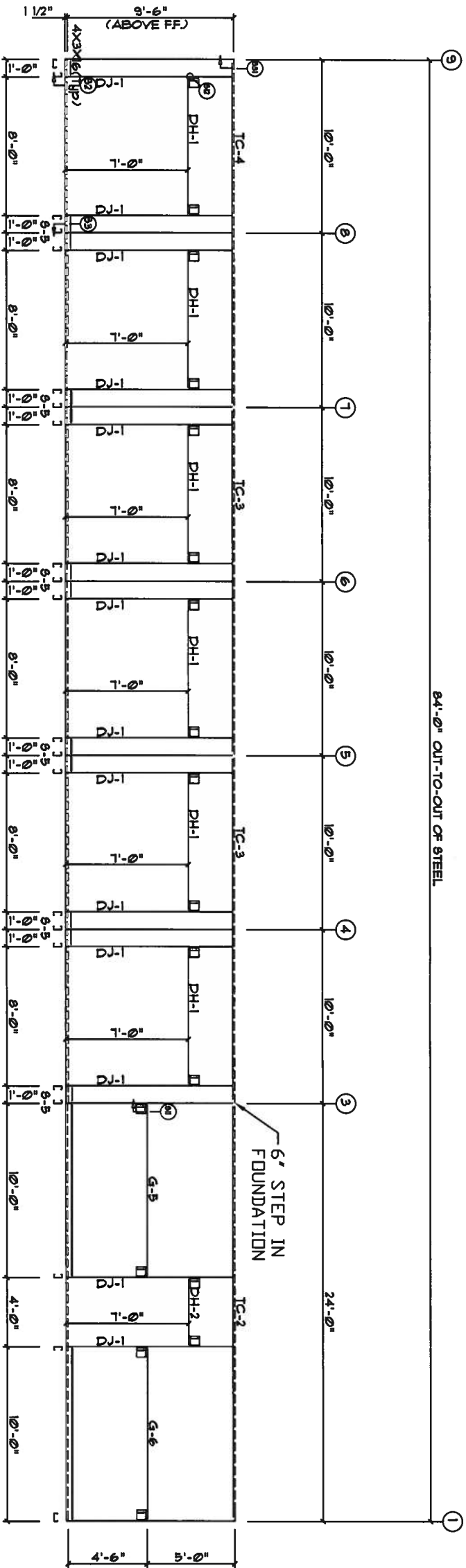
DATE: 8/13/07

JOB NUMBER: 0601472F

REVISION:

DATE: 8/13/07

REVISION:



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	
ID MARK	LENGTH
1	CP4-12
2	JP1-24
3	JT-101
4	HT-101
5	HT-101
6	HT-101

CONNECTION PLATES	
ID MARK	PART
1	MCI

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Phone: 888-448-6963

DESCRIPTION: SIDEWALL DRAWING

DATE: 8/13/07

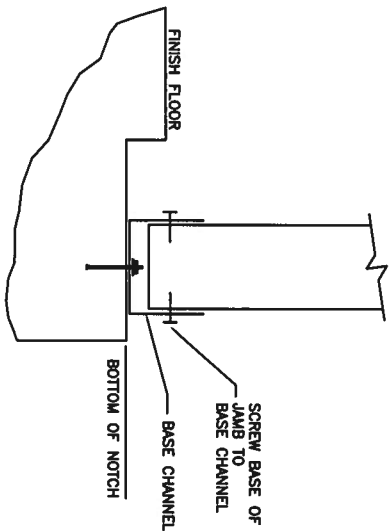
REVISION:

BLDG SIZE: 20'-0" x 84'-0" x 9'-6"

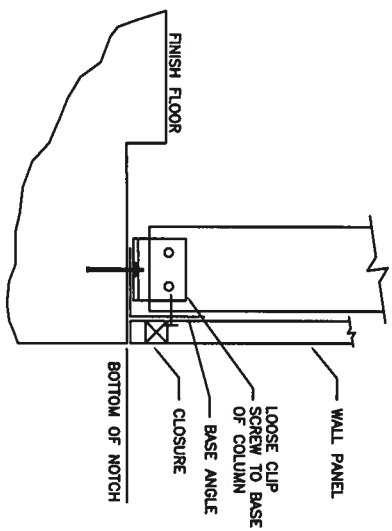
JOB NUMBER: 0601472F

CUSTOMER: North Florida Exteriors

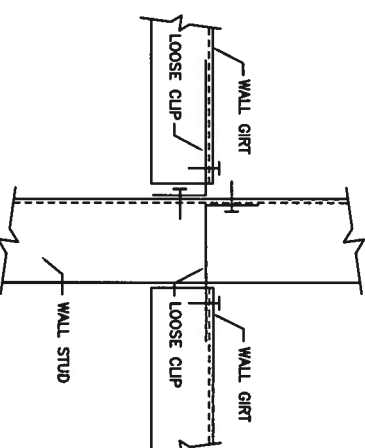
15 AUG 15 2007



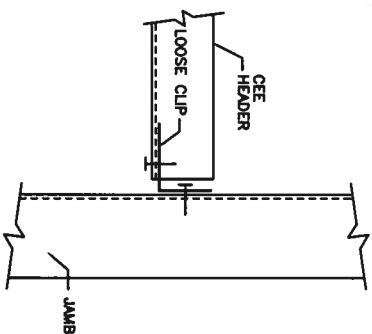
S2 BASE OF SIDEWALL OR
ENDWALL WITH CHANNEL



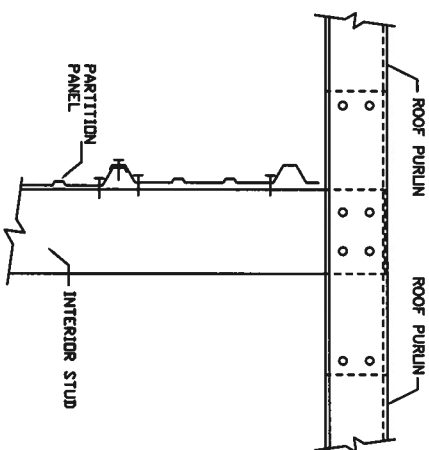
S3 BASE OF SIDEWALL OR
ENDWALL WITH ANGLE



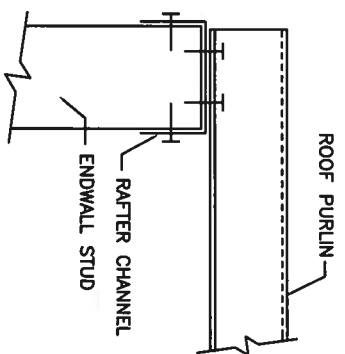
S11 JAMB OR COLUMN TO GIRT



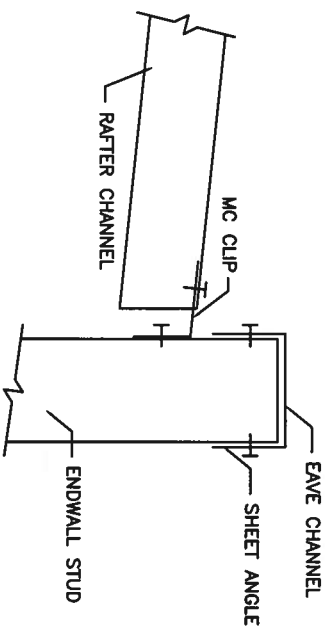
S12 HEADER TO JAMB



S22 INTERIOR COLUMN TO PURLIN
(WITHOUT RAFTER)

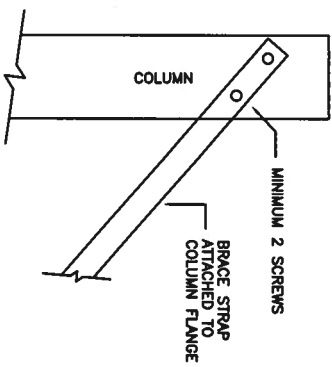


S23 ENDWALL COLUMN/JAMB TO
PURLIN WITH RAFTER



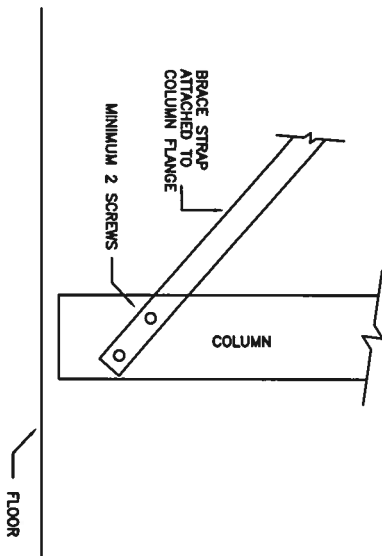
S31 INTERIOR RAFTER TO SIDEWALL
COLUMN WITHOUT EAVE STRUT

MA
AUG 1 8 2007



S81

BRACE STRAP TO COLUMN TOP



S82

BRACE STRAP TO COLUMN BOTTOM



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DESCRIPTION: Detail Page

BUDG SIZE: 20'-0" x 84'-0" x 9'-6"

CUSTOMER: North Florida Exteriors

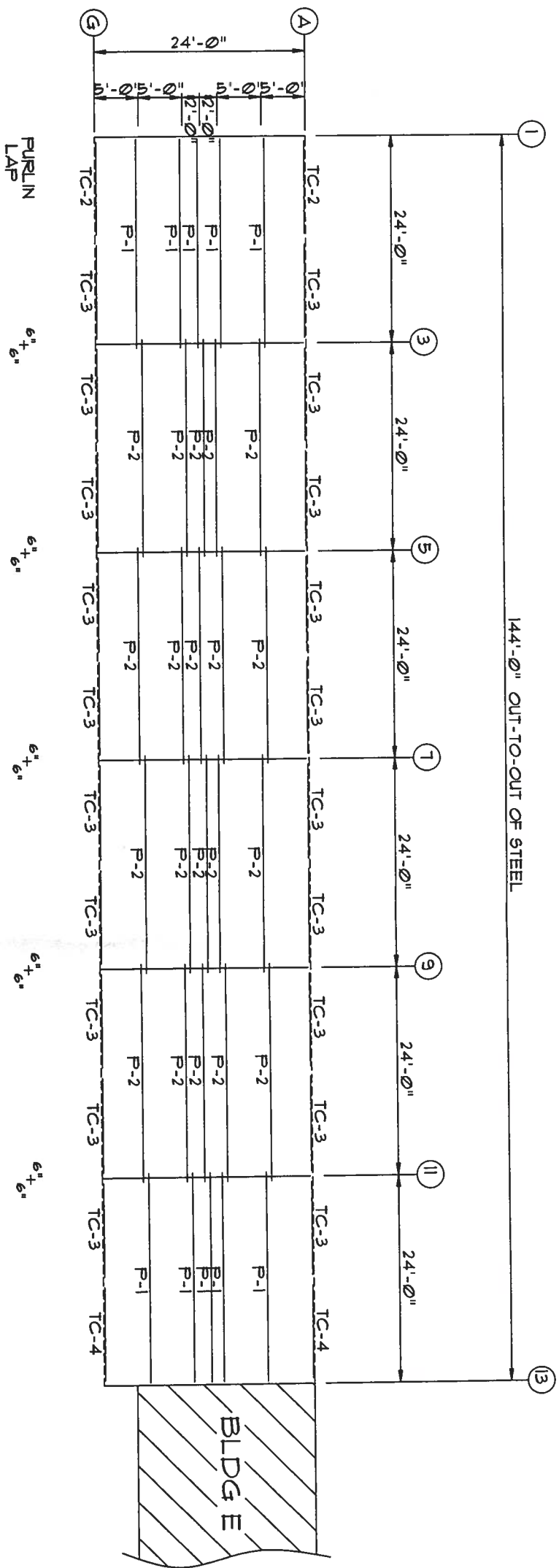
DRAWN BY:

DATE: 8/13/07

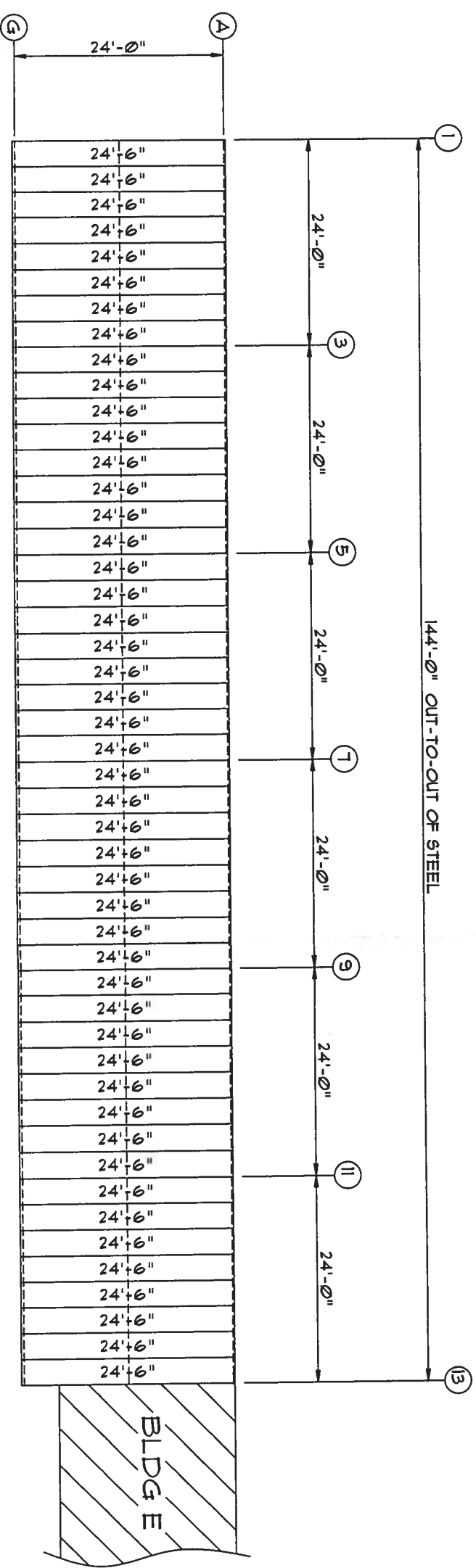
JOB NUMBER: 0601472F

REVISION:

MEMBER TABLE		
MARK	PART	LENGTH
TC-2	4X20016	145.0000
TC-3	4X20016	144.0000
TC-4	4X20016	143.0000
P-1	4X25216	293.1500
P-2	4X25216	300.0000



ROOF FRAMING



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

W W . U N I T E D S T E E L B U I L D I N G . C O M

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Phone: 888-448-6963

DESCRIPTION: ROOF DRAWING

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.

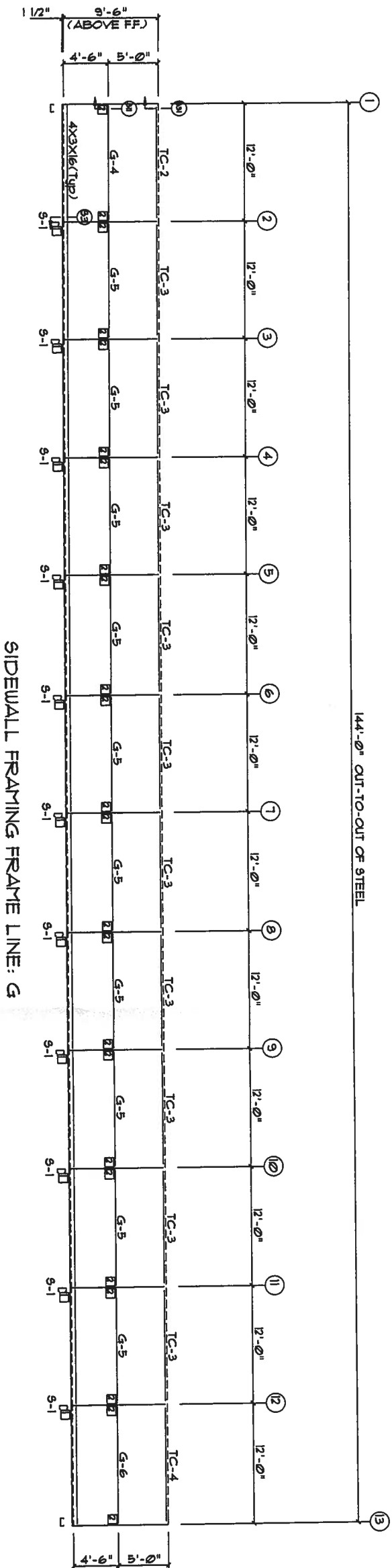
REVISION:

DRAWING NUMBER: E1

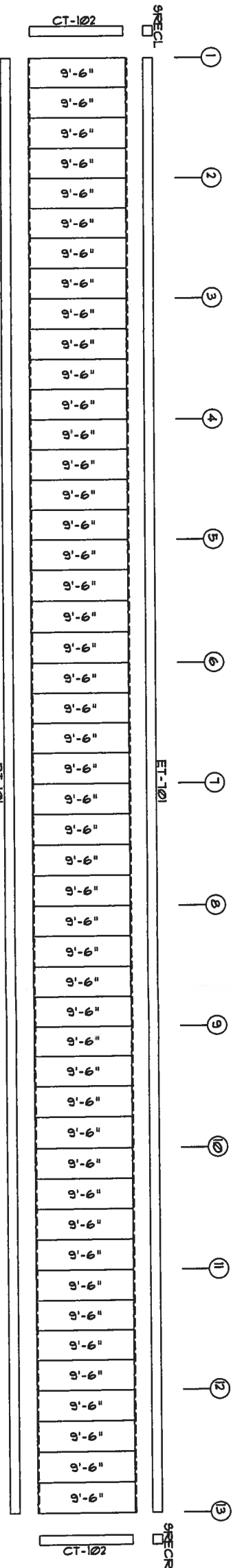
AUG 15 2007

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	
DID	MARK/PART
1	BCI
2	MCI



SIDEWALL FRAMING FRAME LINE: G



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

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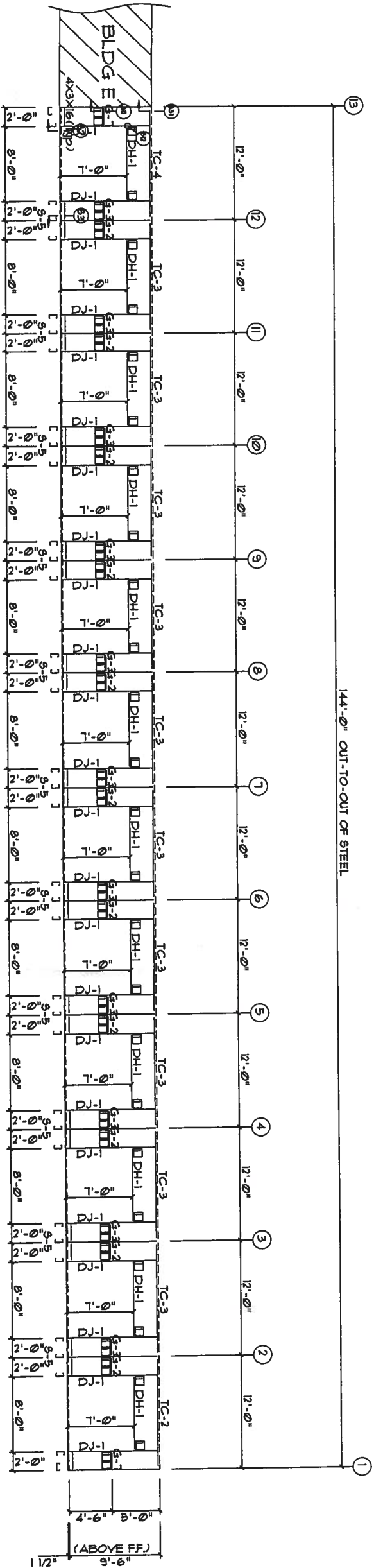
2700 W Cypress Creek Rd.
Ft. Lauderdale, FL 33309
Phone: 888-448-6963

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

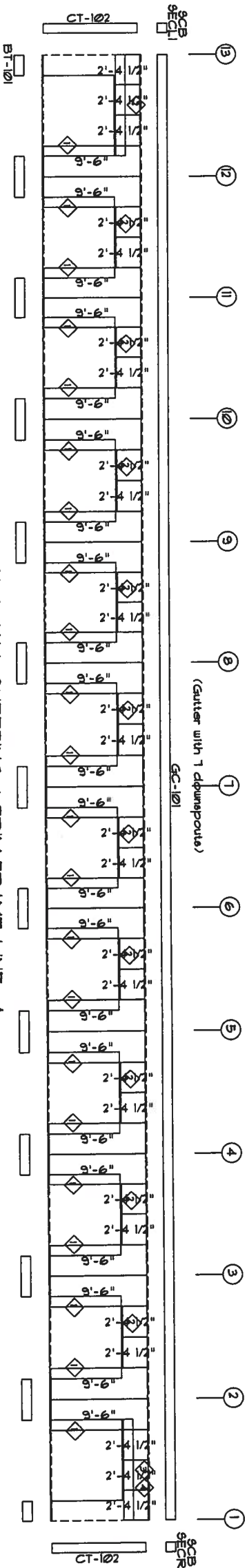
MEMBER TABLE		
MARK	PART	LENGTH
S-5	4X25C16	9'-7 1/2"
DJ-1	4X25C16	9'-7 1/2"
TC-2	4X200I6	12'-1"
TC-3	4X200I6	12'-0"
TC-4	4X200I6	11'-11"
DH-1	4X25C16	8'-0"
G-2	4X25C16	1'-9"
G-3	4X25C16	1'-6 1/2"
G-7	4X25C16	1'-5"

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	



SIDEWALL FRAMING FRAME LINE: A



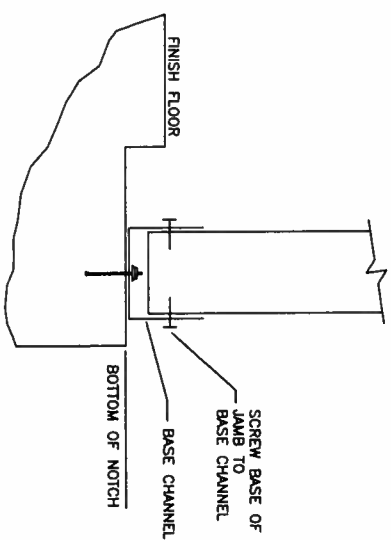
SIDEWALL SHEETING & TRIM FRAME LINE: A

PANELS: 26 GA. SX - Light Stone

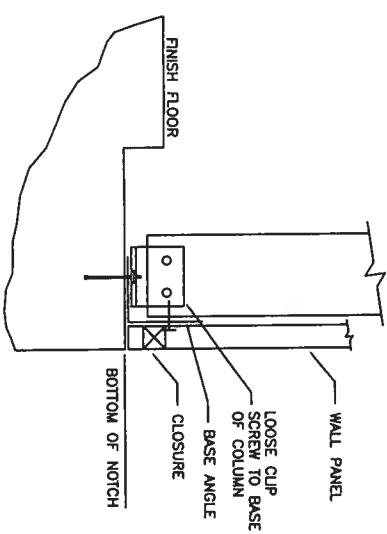
WFL
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Ft. Lauderdale, FL 33309
Phone: 888-448-6963

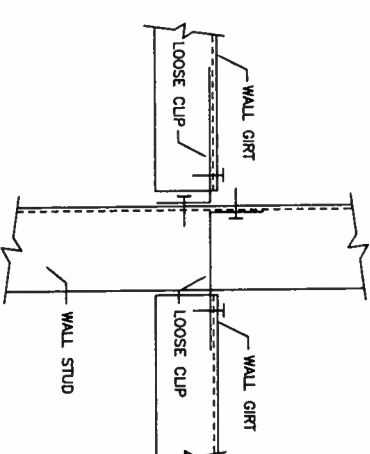
DESCRIPTION: SIDEWALL DRAWING	DATE: 8/13/07	REVISION:
BUDG SIZE: 24'-0" x 144'-0" x 9'-6"	JOB NUMBER: 06014720	
CUSTOMER: North Florida Exteriors	SCALE: N.T.S.	DRAWING NUMBER: E4
LOCATION: Lake City, FL 32025		



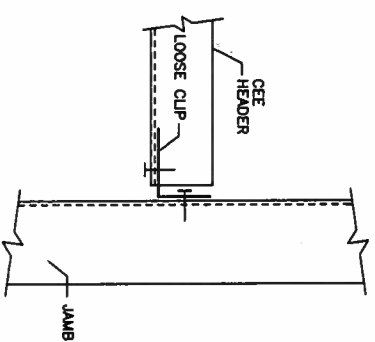
S2 BASE OF SIDEWALL OR
ENDWALL WITH CHANNEL



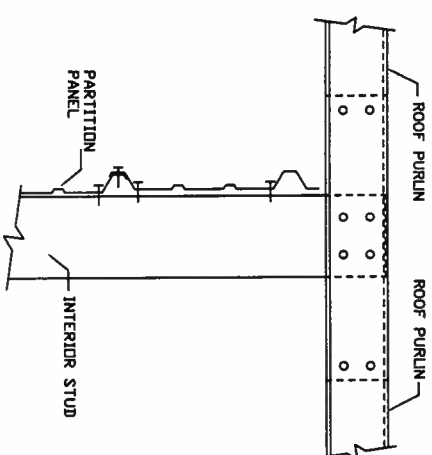
S3 BASE OF SIDEWALL OR
ENDWALL WITH ANGLE



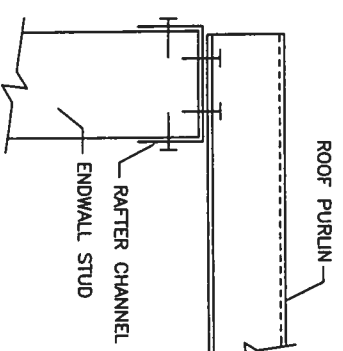
S11 JAMB OR COLUMN TO GIRT



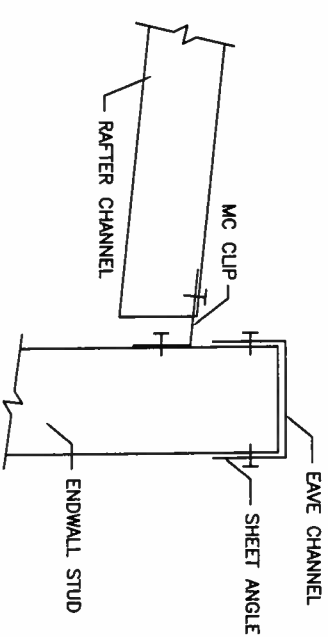
S12 HEADER TO JAMB



S22 INTERIOR COLUMN TO PURLIN
(WITHOUT RAFTER)



S23 ENDWALL COLUMN/JAMB TO
PURLIN WITH RAFTER



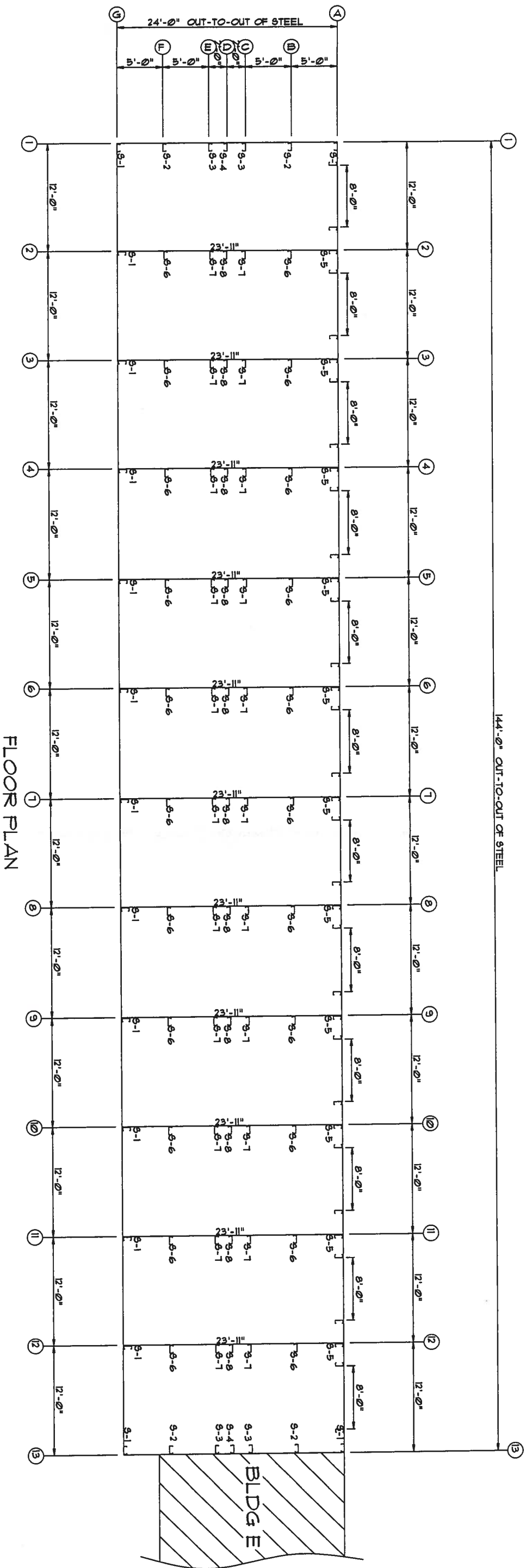
S31 INTERIOR RAFTER TO SIDEWALL
COLUMN WITHOUT EAVE STRUT

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

DESCRIPTION: Detail Page	DRN BY:	REVISION:
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

REVISED 5 2001

MEMBER TABLE		
MARK	PART	LENGTH
S-1	4X25C16	114.0000
S-2	4X25C16	112.247
S-3	4X25C16	114.747
S-4	4X25C16	115.747
S-5	4X25C16	115.500
S-6	4X25C16	116.500
S-7	4X25C16	119.000
S-8	4X25C16	120.000



FLOOR PLAN

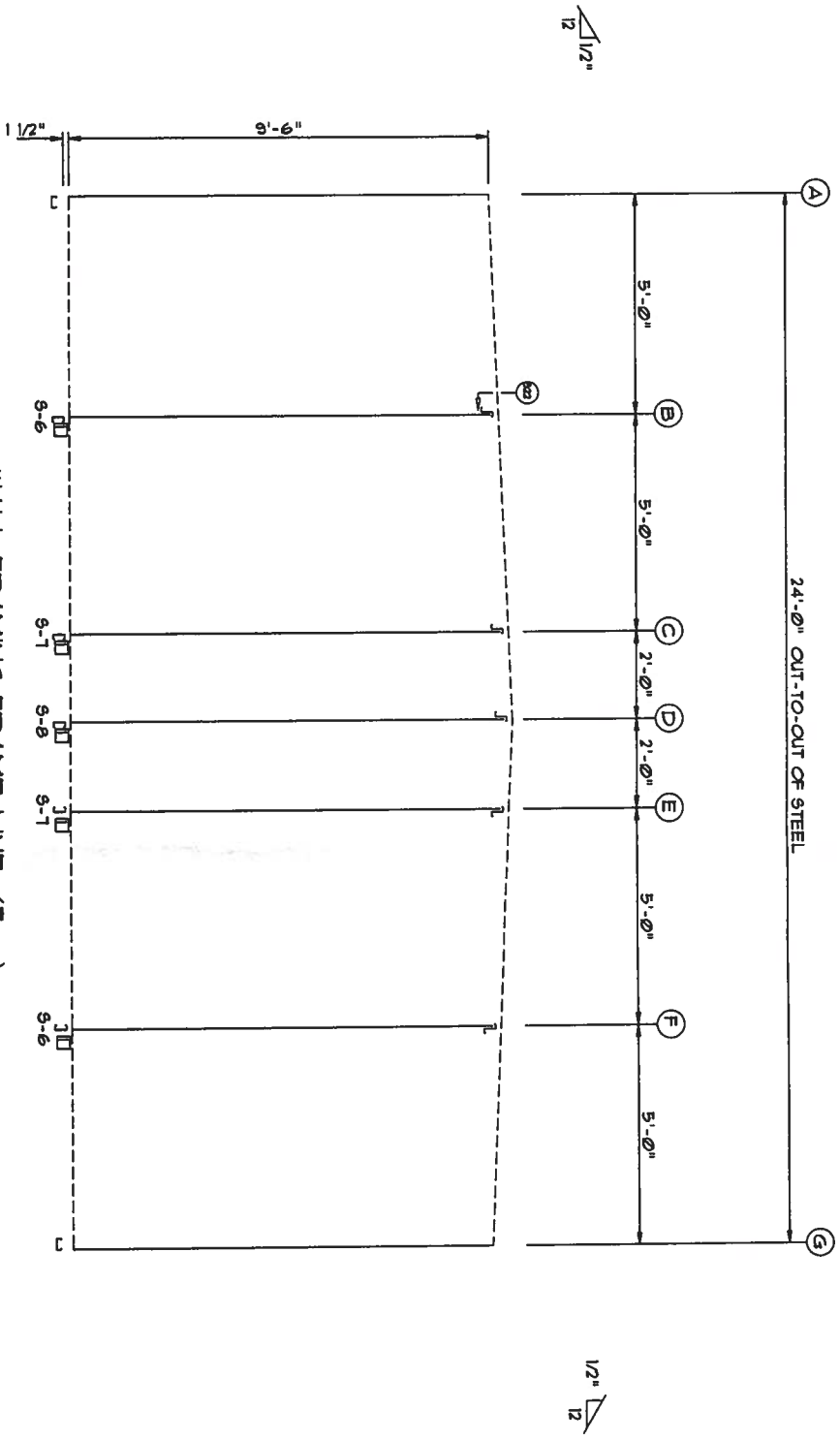
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Phone: 888-448-6963

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DESCRIPTION:	DRAWN BY:	REVISION:
BLDG SIZE: 24'-0" x 144'-0" x 9'-6"	DATE: 8/14/07	
CUSTOMER: North Florida Exteriors	JOB NUMBER: 0601472D	
LOCATION: Lake City, FL, 32025	SCALE: N.T.S.	DRAWING NUMBER: F-2

REVISION TABLE			
NO.	DATE	BY	REASON
1-1	4/20/06	MM	10000
1-2	4/20/06	MM	10000

CONNECTION PLATES	
1/2" PLX/PLAT	
1/2"	

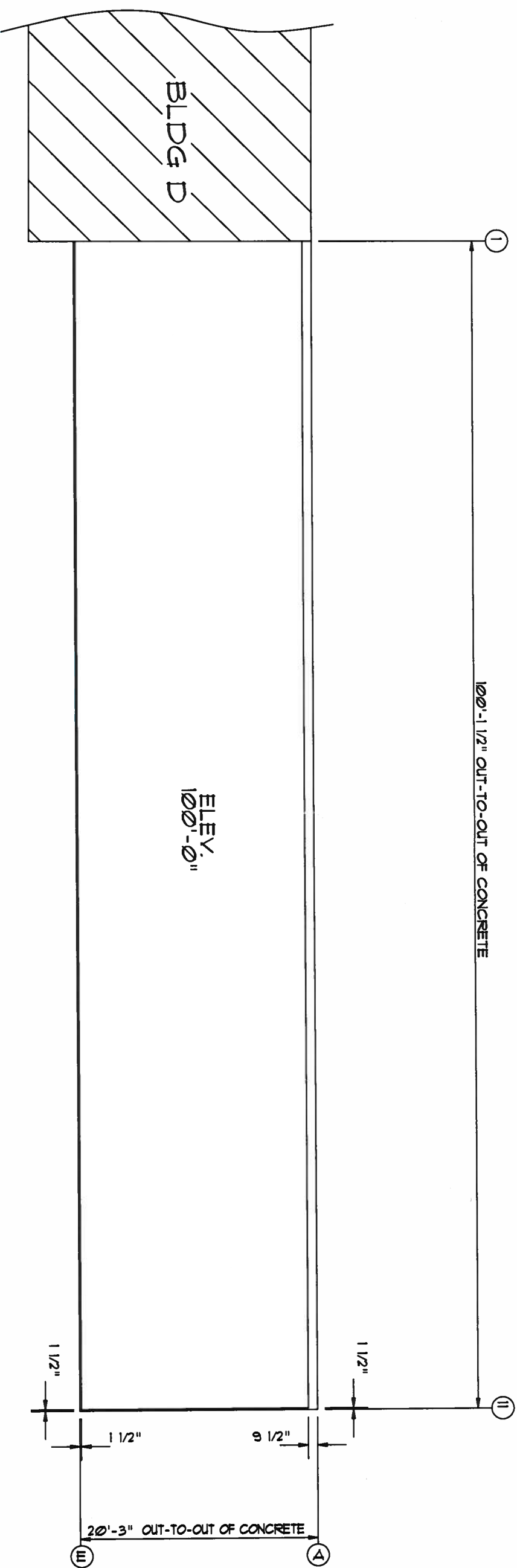


23'-11"
23'-11"
23'-11"

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

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Ft. Lauderdale, FL 33309			
Phone: 888-448-6963			
DESCRIPTION: PARTITION DRAWING		DATE:	8/13/07
BLDG SIZE: 24'-0" x 144'-0" x 9'-6"		JOB NUMBER:	0601472D
CUSTOMER: North Florida Exteriors		SCALE: N.T.S.	DRAWING NUMBER: E5
LOCATION: Lake City, FL 32025			

MM
AUG 15 2007

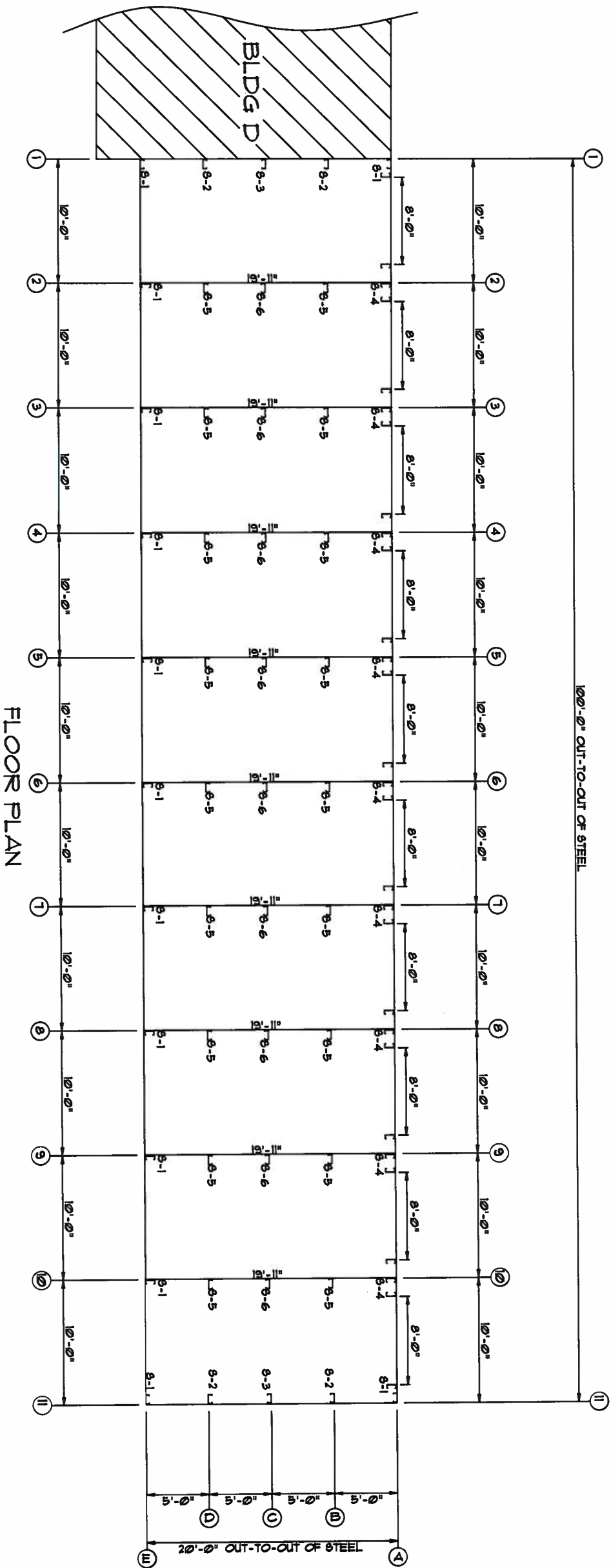


ANCHOR PLAN

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Ft. Lauderdale, FL 33309			
Phone: 888-448-6963			
DESCRIPTION:	DRN BY:	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: F1	

[Handwritten signature]
AUG 15 2007

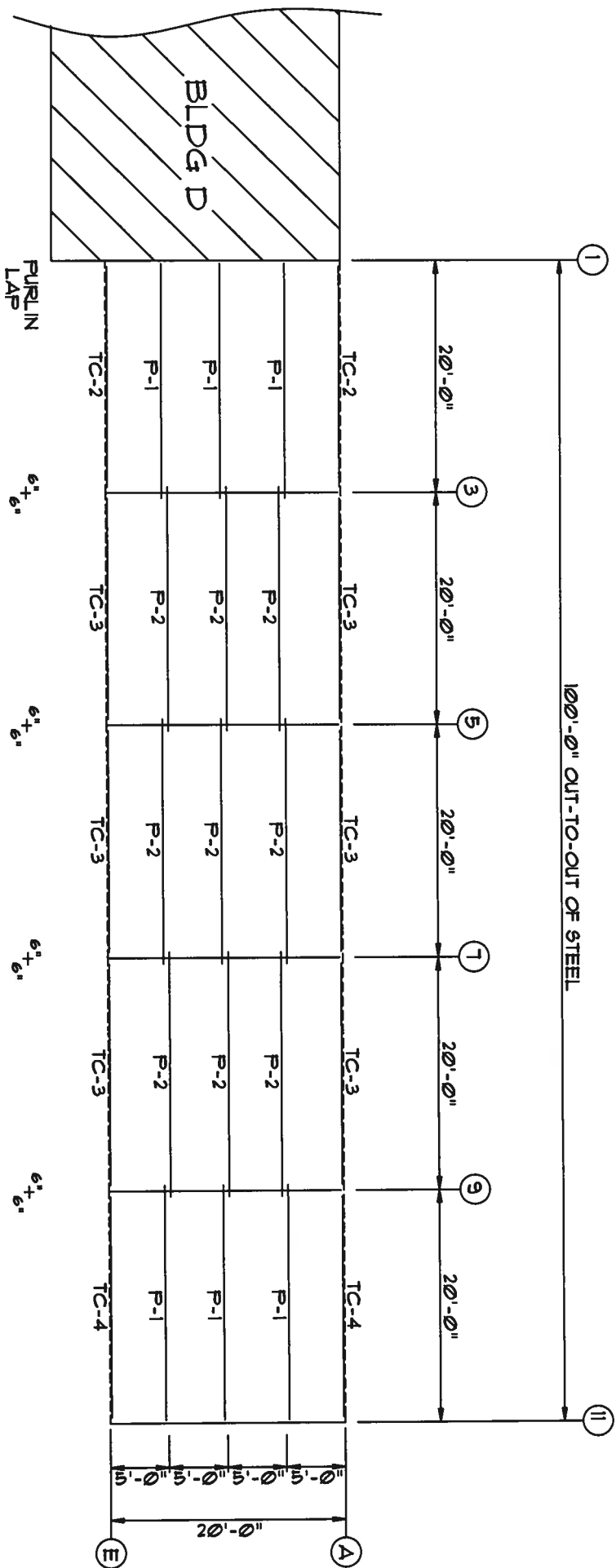
MEMBER TABLE			
MARK	PART	LENGTH	
S-1	4X25C16	114'00"0	
S-2	4X25C16	112'24"	
S-3	4X25C16	114'74"	
S-4	4X25C16	115'50"0	
S-5	4X25C16	116'50"0	
S-6	4X25C16	119'00"0	



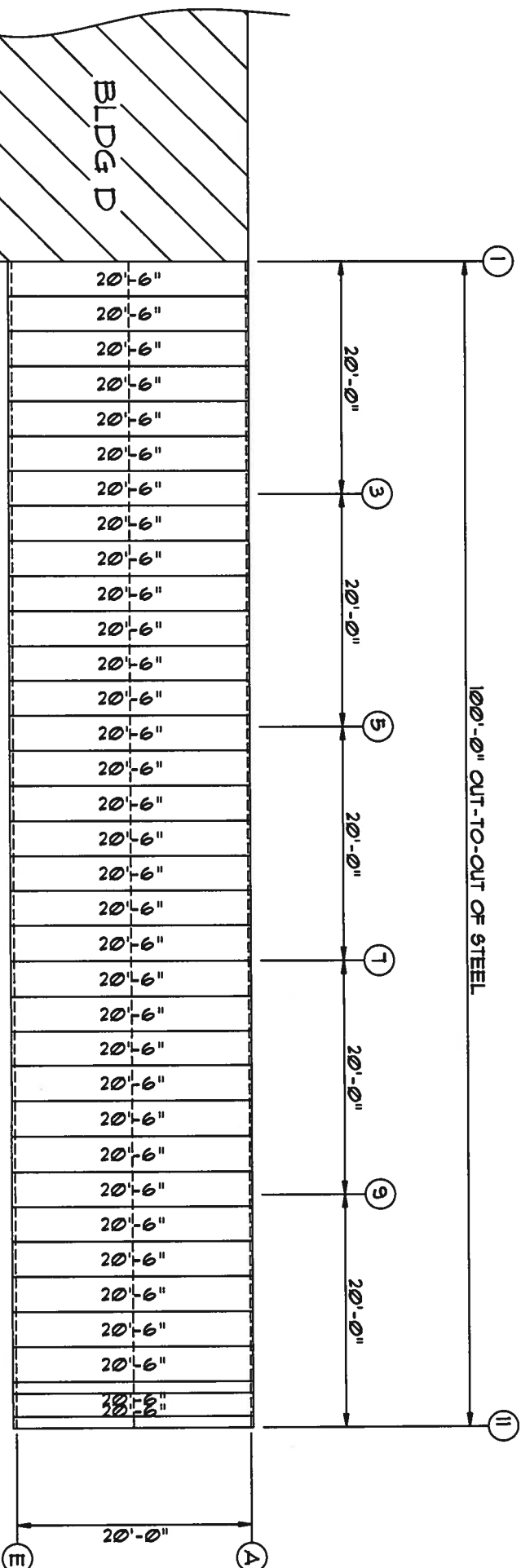
WJF
AUG 15 2007

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2700 W Cypress Creek Rd.			
Ft. Lauderdale, FL 33309			
Phone: 888-448-6963			
DESCRIPTION:	DATE:	DRN BY:	REVISION:
BUDG SIZE: 20'-0" x 100'-0" x 9'-6"	8/13/07		
CUSTOMER:	JOB NUMBER:		
North Florida Exteriors	0601472E		
LOCATION:	SCALE:		
Lake City, FL, 32025	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	245.150
P-2	4X25216	252.0000



ROOF FRAMING



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

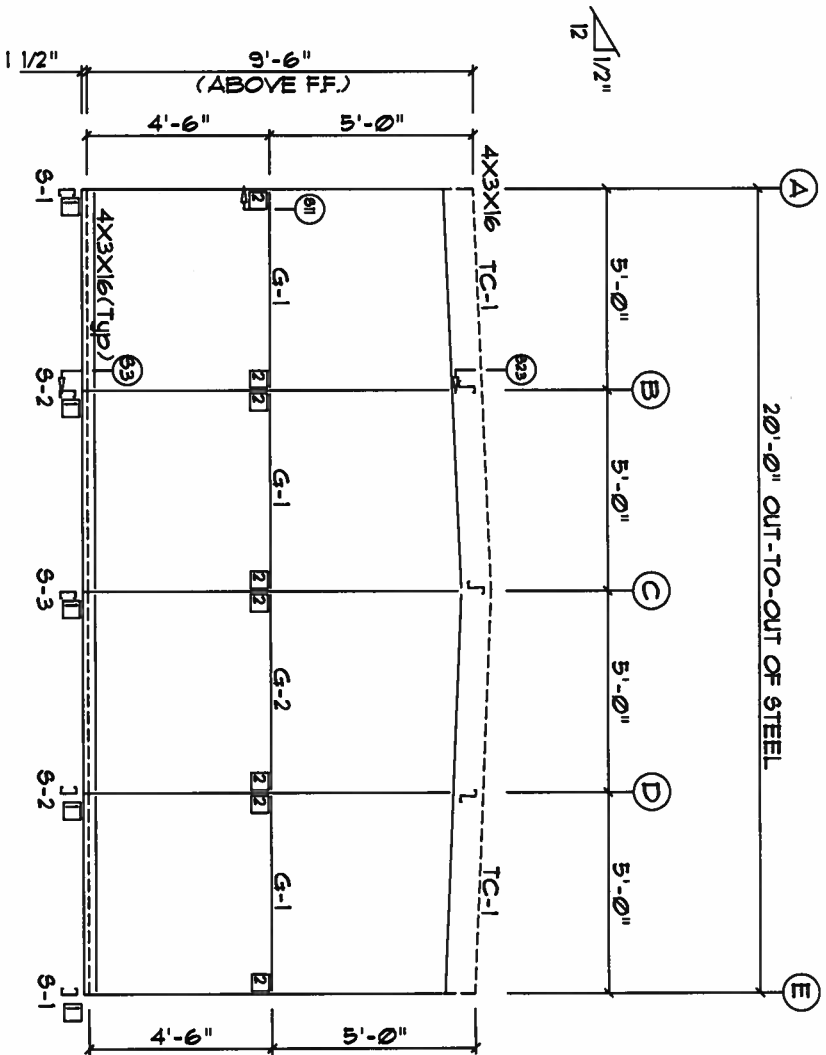
WWW.UNITEDSTEELBUILDING.COM

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Phone: 888-448-6963

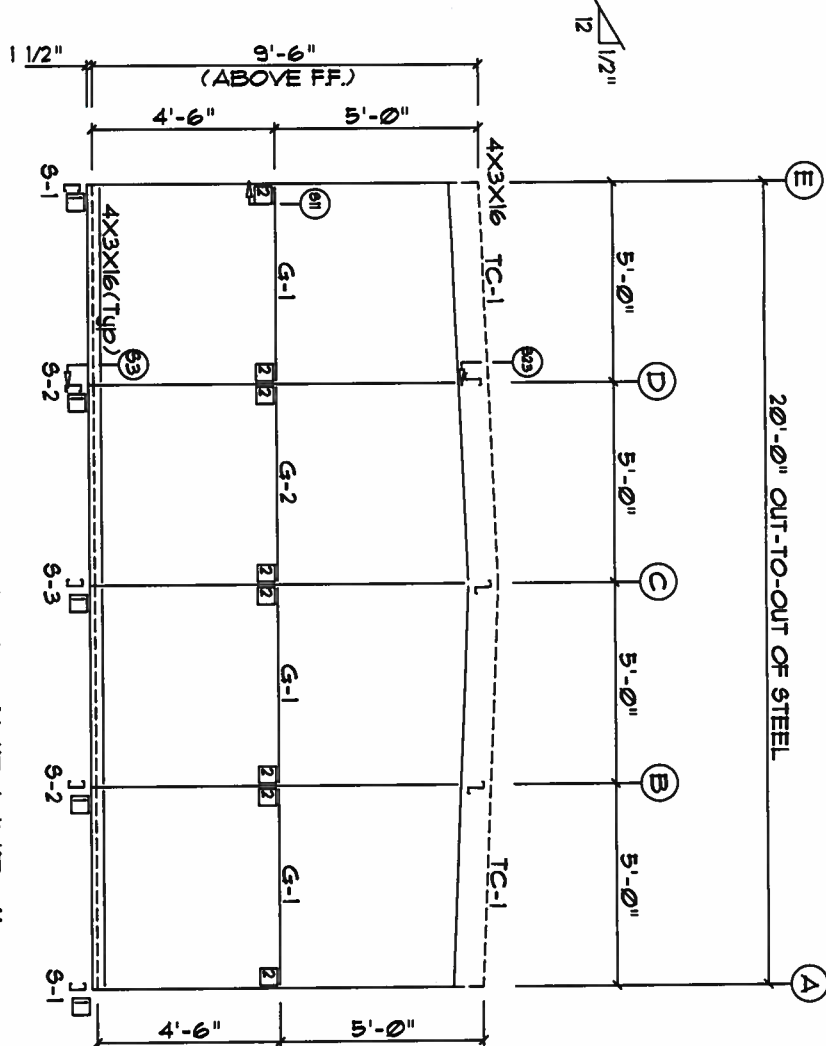
DESCRIPTION: ROOF DRAWING	DRN BY:	REVISION:
BLDG SIZE: 20'-0" x 100'-0" x 9'-6"	DATE: 8/13/07	
CUSTOMER: North Florida Exteriors	JOB NUMBER: 0601472E	
LOCATION: Lake City, FL, 32025	SCALE: N.T.S.	DRAWING NUMBER: E1

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"	

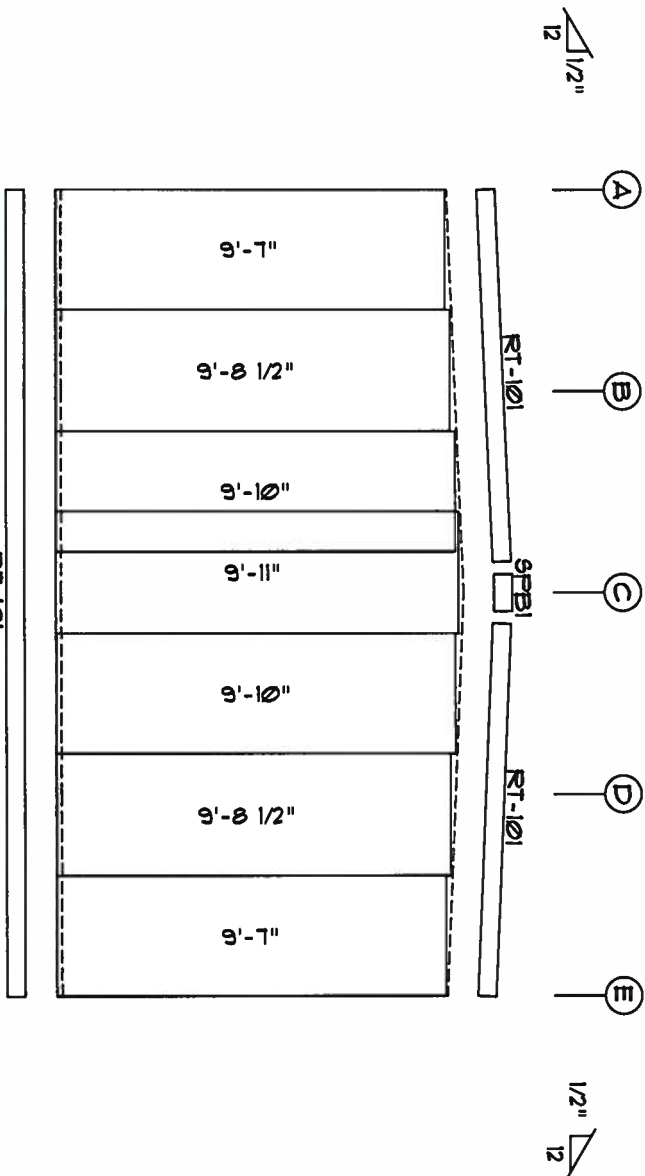
CONNECTION PLATES		
ID	MARK	PART
1	BCI	
2	MCI	



ENDWALL FRAMING FRAME LINE: I

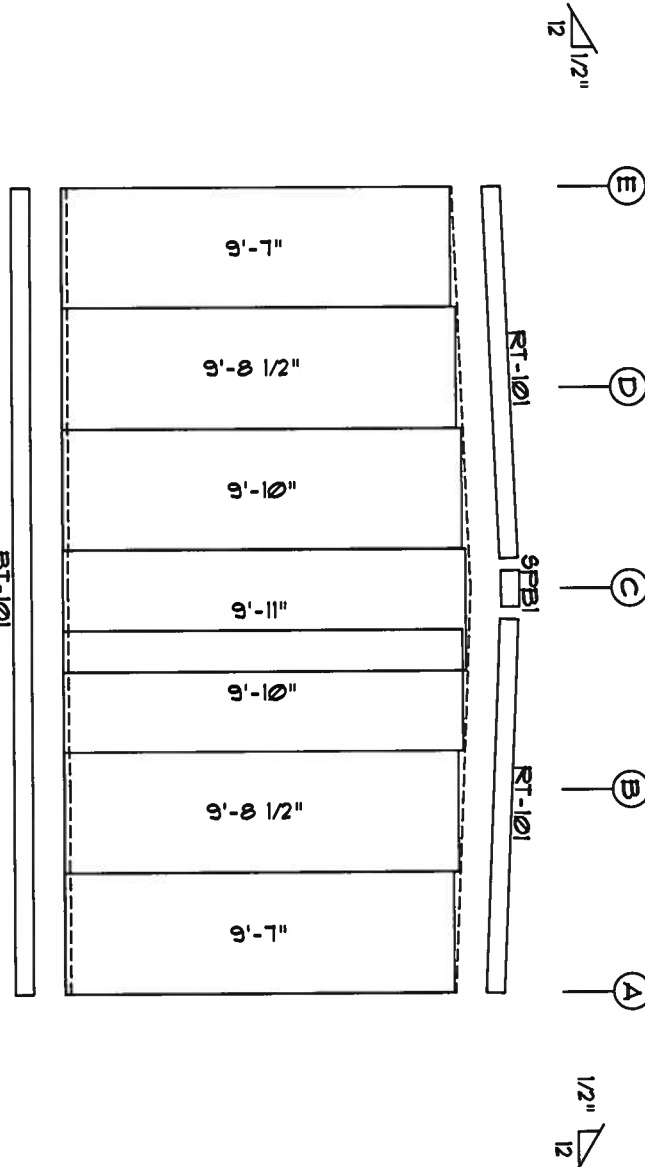


ENDWALL FRAMING FRAME LINE: II



ENDWALL SHEETING & TRIM FRAME LINE: I

PANELS: 26 Ga. SX - Light Stone



ENDWALL SHEETING & TRIM FRAME LINE: II

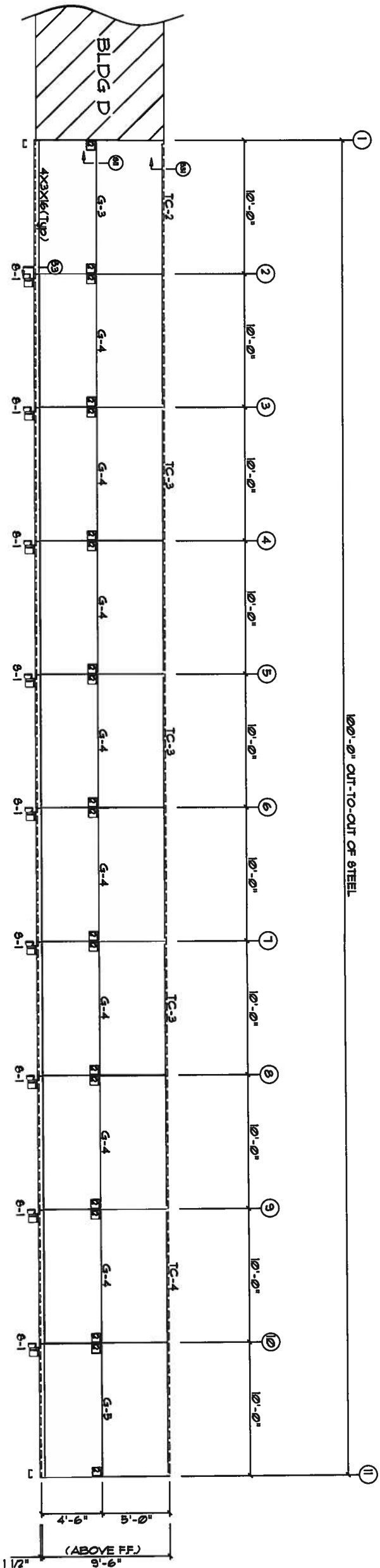
PANELS: 26 Ga. SX - Light Stone

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

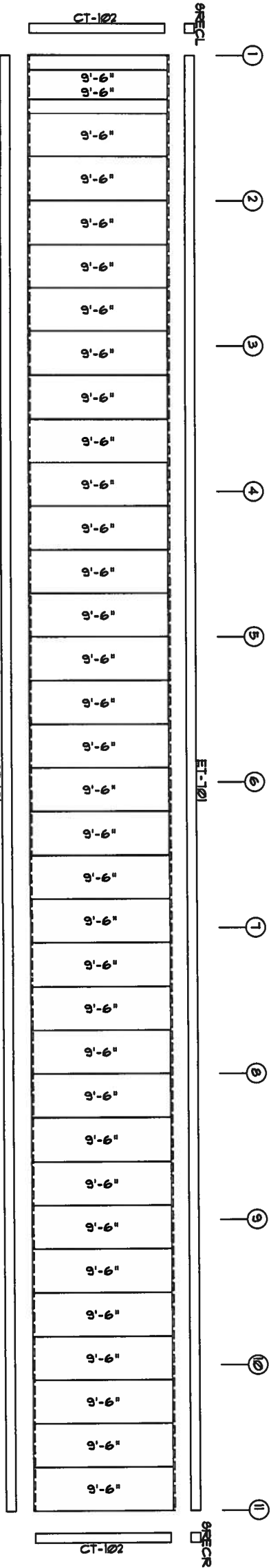
DESCRIPTION: ENDWALL DRAWING			
BLDG SIZE: 20'-0" x 100'-0" x 9'-6"		DATE:	8/13/07
CUSTOMER: North Florida Extiors		JOB NUMBER:	0601472E
LOCATION: Lake City, FL 32025		SCALE: N.T.S.	DRAWING NUMBER: E2

MEMBER TABLE		
MARK	PART	LENGTH
G-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 FRAMING FRAME LINE: E



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

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

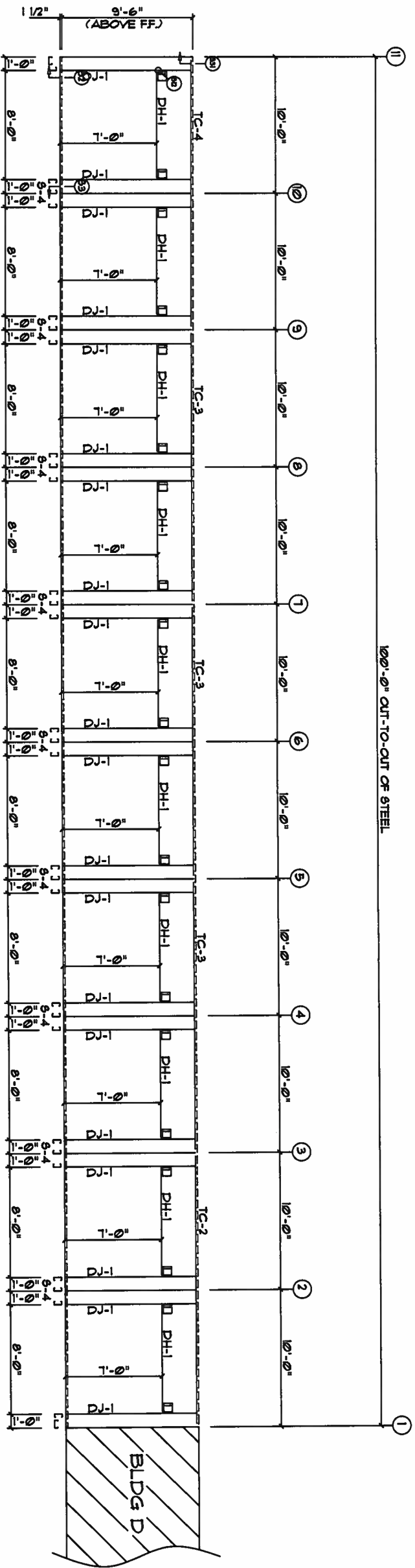
2700 W Cypress Creek Rd.
Ft. Lauderdale, FL 33309
Phone: 888-448-6963

DESCRIPTION: SIDEWALL DRAWING	DRAWN BY:	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: E3

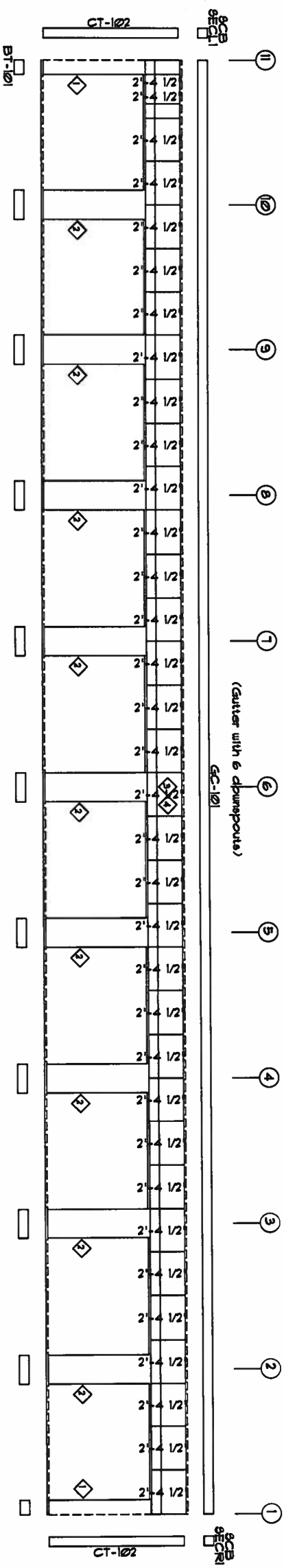
MEMBER TABLE		
MARK	PART	LENGTH
S-4	4X25C16	9'-1 1/2"
DJ-1	4X25C16	9'-1 1/2"
TC-2	4X20016	20'-1"
TC-3	4X20016	20'-0"
TC-4	4X20016	19'-11"
DH-1	4X25C16	8'-0"

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

CONNECTION PLATES	
OID MARK/PART	
1 MCI	



SIDEWALL FRAMING FRAME LINE: A



SIDEWALL SHEETING & TRIM FRAME LINE: A
PANELS: 26 Ga. SX - Light Stone

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

DESCRIPTION: SIDEWALL DRAWING

DATE: 8/13/07

CUSTOMER: North Florida Exteriors

LOCATION: Lake City, FL 32025

BLDG SIZE: 20'-0" x 100'-0" x 9'-6"

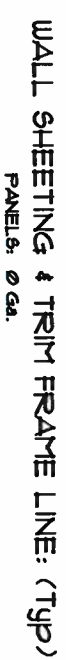
JOB NUMBER: 0601472

SCALE: N.T.S.

REVISION:

DRAWING NUMBER: E4

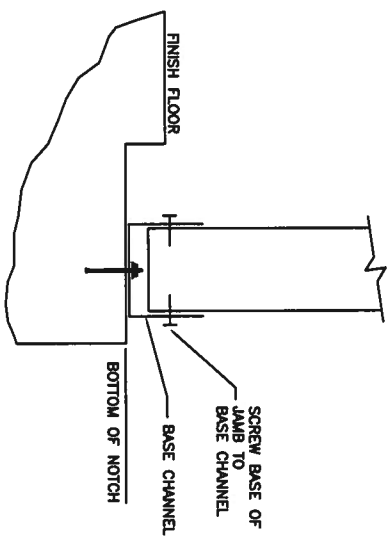
CONNECTION PLATES	
DID PART	PART
EC	



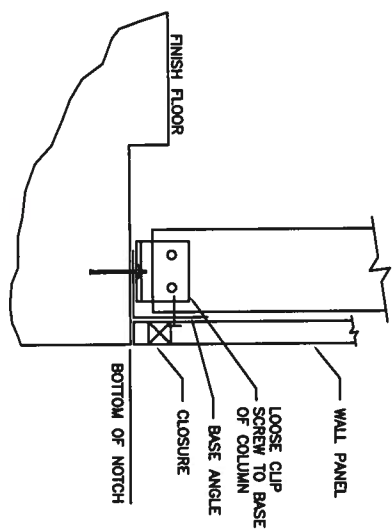
AUG 15 2008

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

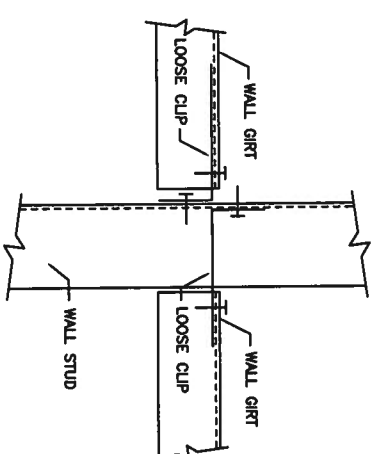
DESCRIPTION:	PARTITION DRAWING	DRAWN BY:	REVISION:
BLDG SIZE:	20'-0" x 100'-0" x 9'-6"	DATE:	8/13/07
CUSTOMER:	North Florida Exteriors	JOB NUMBER:	0601472E
LOCATION:	Lake City, FL 32025	SCALE:	N.T.S.
			DRAWING NUMBER: E5



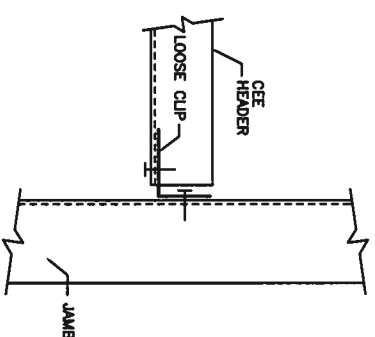
S2 BASE OF SIDEWALL OR
ENDWALL WITH CHANNEL



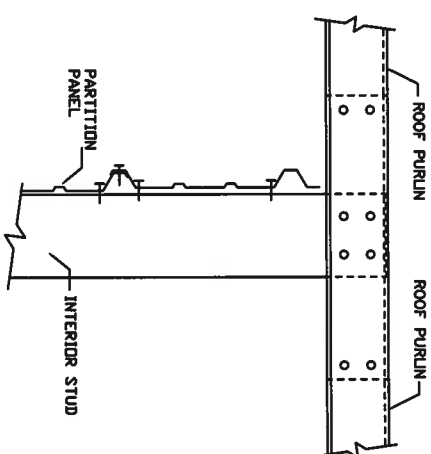
S3 BASE OF SIDEWALL OR
ENDWALL WITH ANGLE



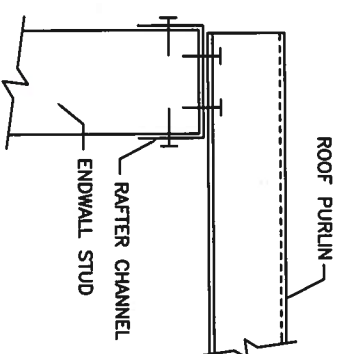
S11 JAMB OR COLUMN TO GIRT



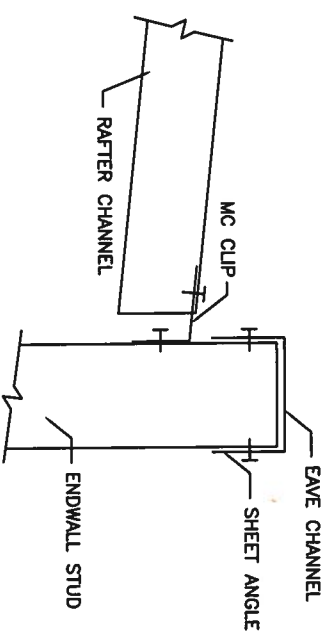
S12 HEADER TO JAMB



S22 INTERIOR COLUMN TO PURLIN
(WITHOUT RAFTER)



S23 ENDWALL COLUMN/JAMB TO
PURLIN WITH RAFTER



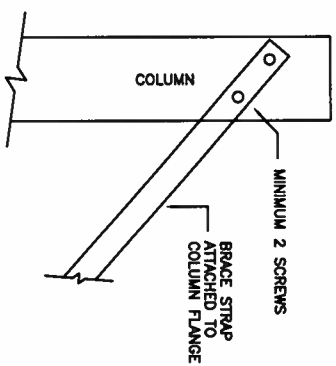
S31 INTERIOR RAFTER TO SIDEWALL
COLUMN WITHOUT EAVE STRUT

Aug 15 2008

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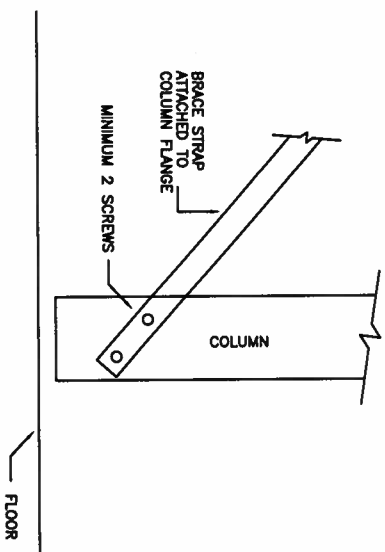
2700 W Cypress Creek Rd.
Ft. Lauderdale, FL 33309
Phone: 888-448-6963

DESCRIPTION: Detail Page	DATE: 8/13/07	REVISION:
BLDG SIZE: 20'-0" x 100'-0" x 9'-6"	JOB NUMBER: 0601472E	
CUSTOMER: North Florida Exteriors	SCALE: N.T.S.	DRAWING NUMBER: D1
LOCATION: Lake City, FL 32025		



S81

BRACE STRAP TO COLUMN TOP



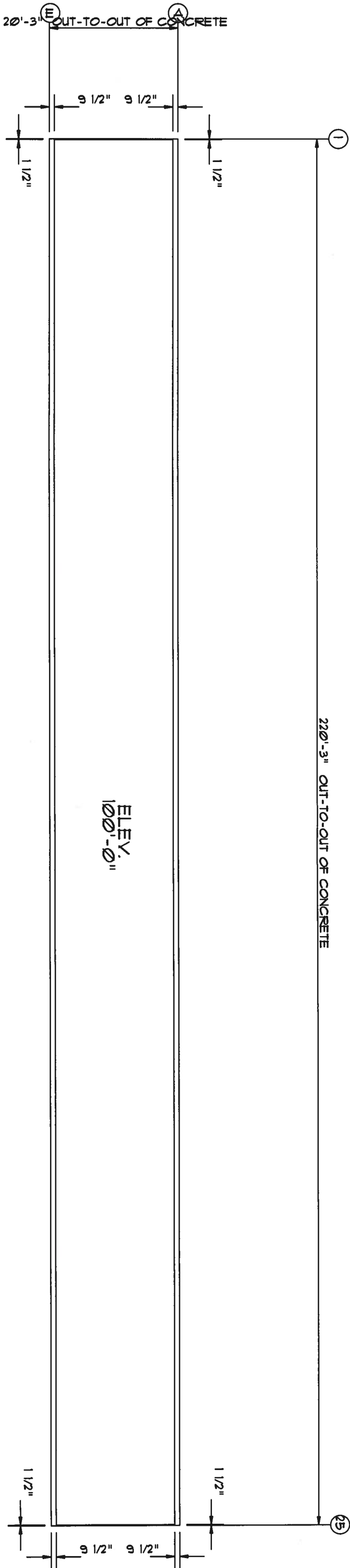
S82

BRACE STRAP TO COLUMN BOTTOM

<p>WWW.UNITEDSTEELBUILDING.COM</p> <p>2700 W Cypress Creek Rd.</p> <p>Ft. Lauderdale, FL 33309</p> <p>Phone: 888-448-6963</p>			
DESCRIPTION: Detail Page	DRN BY:	REVISION:	
BUD 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: D2	

[Handwritten Signature]

AUG 15 2007

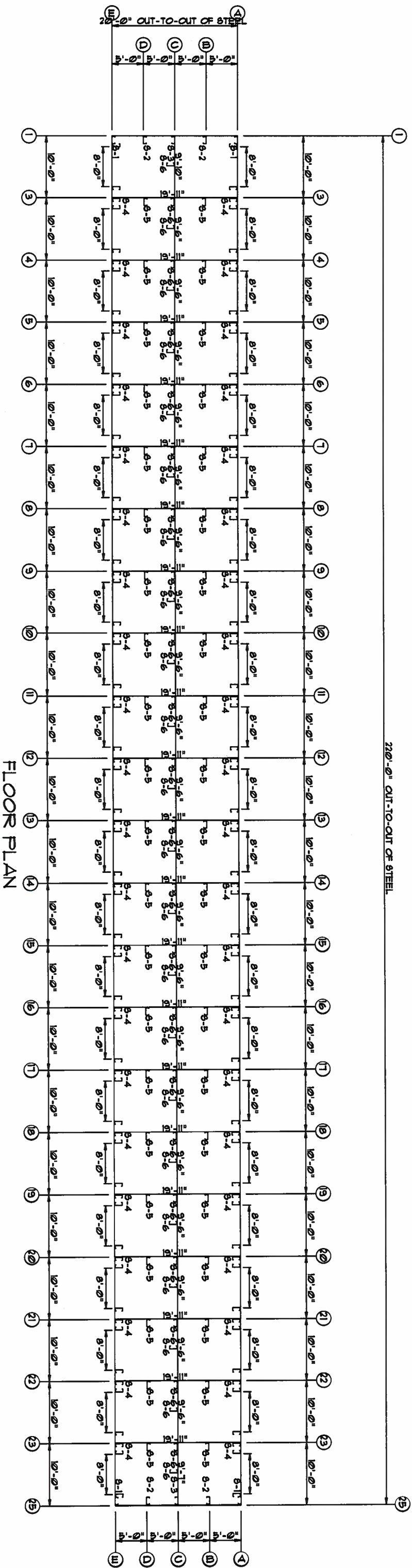


ANCHOR PLAN

AUG 15 2006

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2700 W Cypress Creek Rd.			
Ft. Lauderdale, FL 33309			
Phone: 888-448-6963			
DESCRIPTION:	DRAWN BY:	REVISION:	
BLDG SIZE: 20'-0" x 220'-0" x 9'-6"	DATE: 8/14/07	JOB NUMBER: 0601472C	DRAWING NUMBER: F1
CUSTOMER: North Florida Exteriors			
LOCATION: Lake City, FL, 32025			

MEMBER TABLE		
MARK	PART	LENGTH
S-1	4X25C16	114.0000
S-2	4X25C16	112.247
S-3	4X25C16	114.747
S-4	4X25C16	115.5000
S-5	4X25C16	116.5000
S-6	4X25C16	119.0000



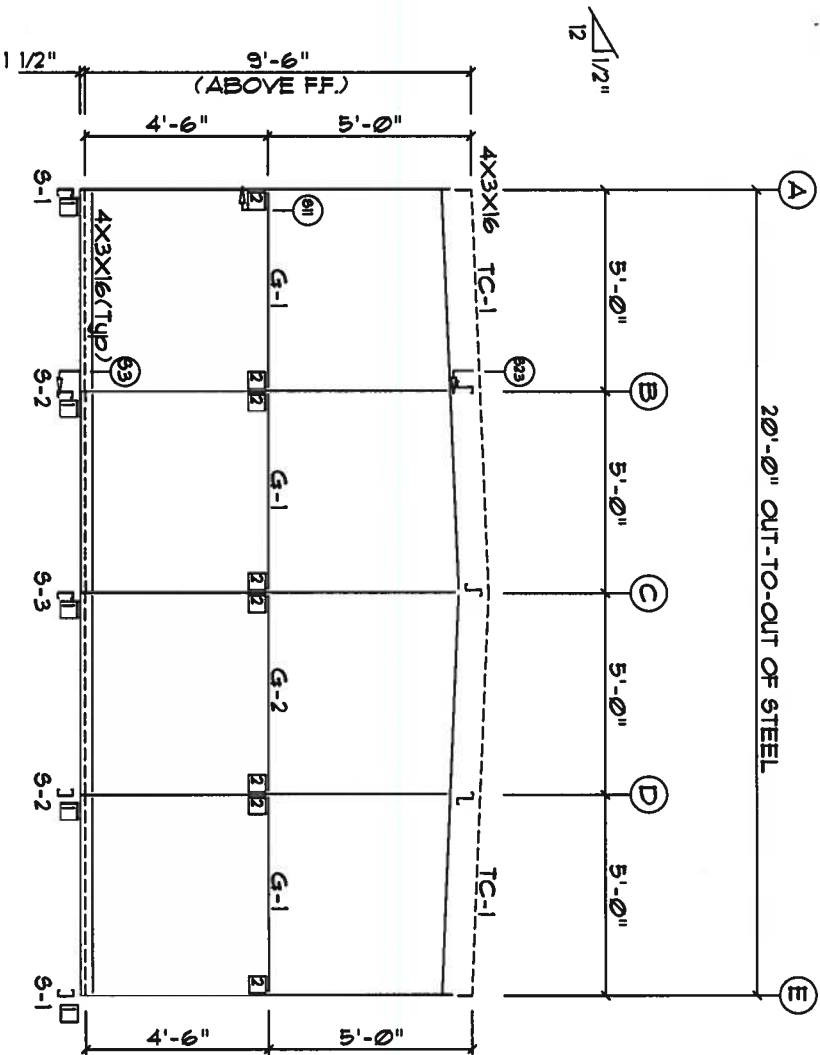
WFB
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2700 W Cypress Creek Rd.
Ft. Lauderdale, FL 33309
Phone: 888-448-6963

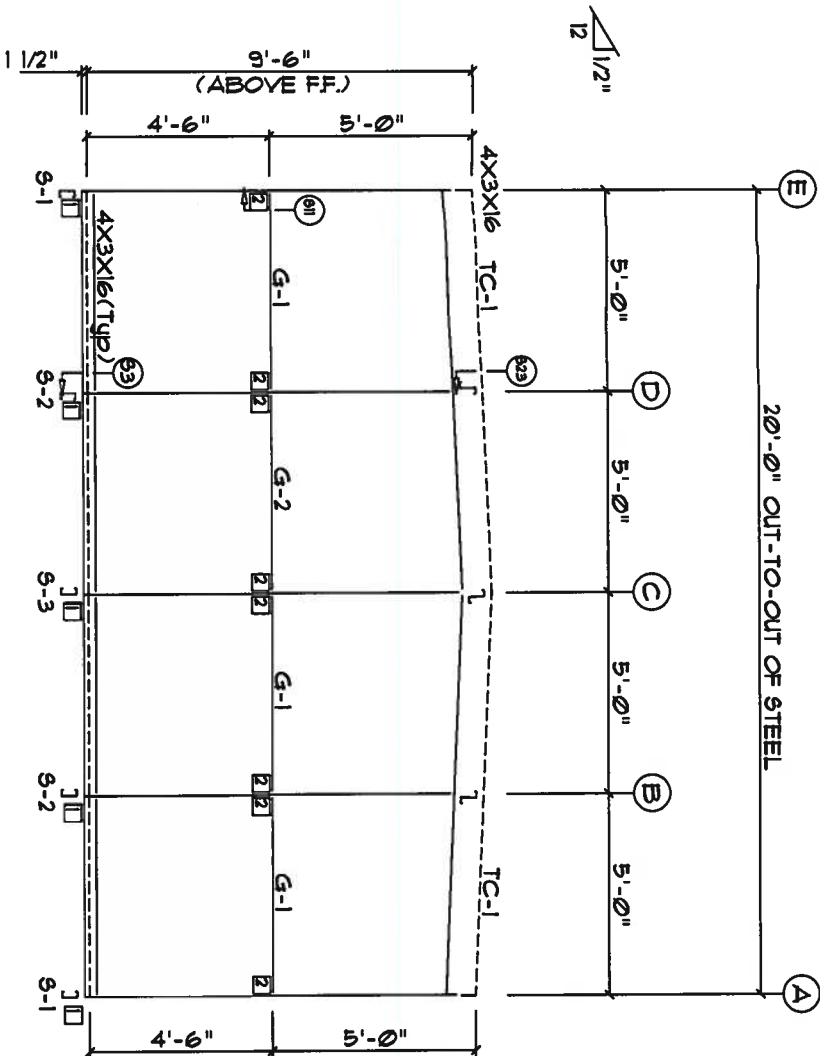
DESCRIPTION:	DRAWN BY:	REVISION:
BUILD SIZE: 20'-0" x 220'-0" x 9'-6"	DATE: 8/14/07	
CUSTOMER: North Florida Exteriors	JOB NUMBER: 0601472C	
LOCATION: Lake City, FL, 32025	SCALE: N.T.S.	DRAWING NUMBER: F2

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"

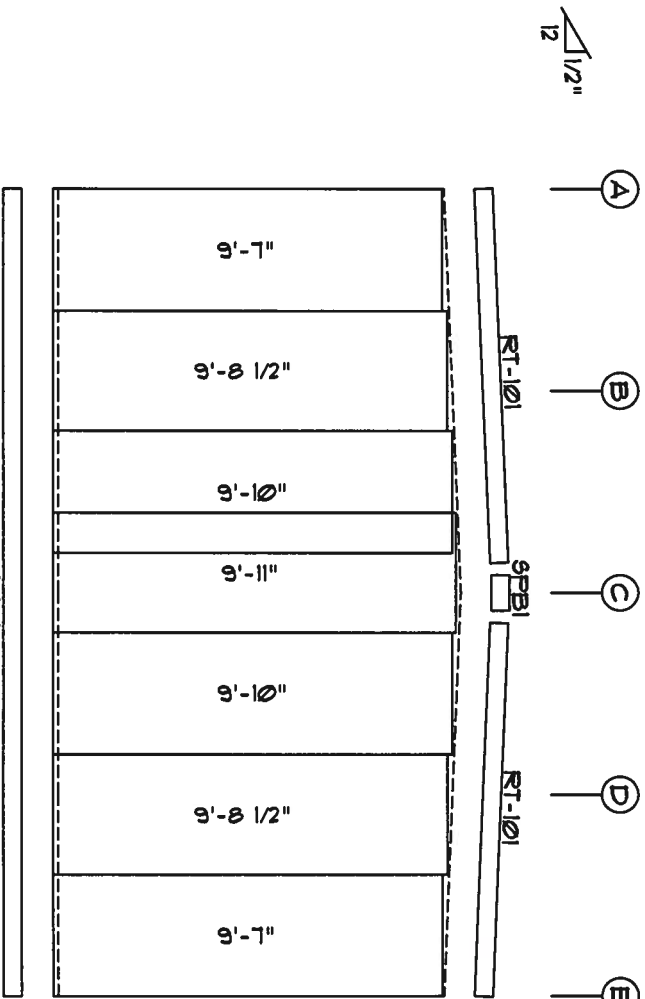
CONNECTION PLATES	
IID	MARK/PART
1	BC1
2	MC1



ENDWALL FRAMING FRAME LINE: 1

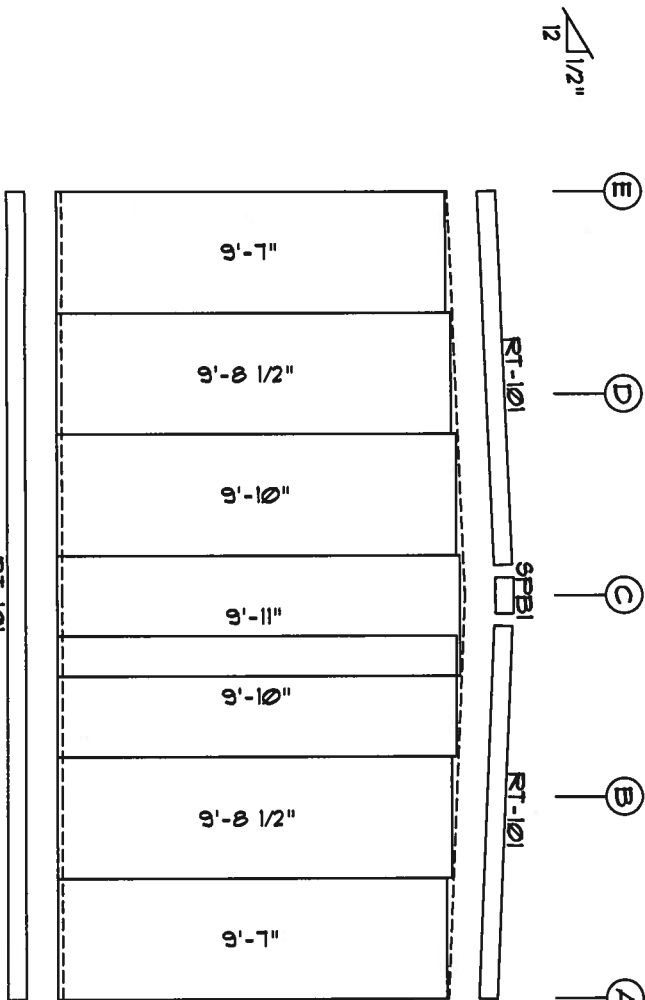


ENDWALL FRAMING FRAME LINE: 25



ENDWALL SHEETING & TRIM
FRAME LINE: 1

PANELS: 26 Ga. SX - Light Stone



ENDWALL SHEETING & TRIM
FRAME LINE: 25

PANELS: 26 Ga. SX - Light Stone

Handwritten signature
AUG 15 2007

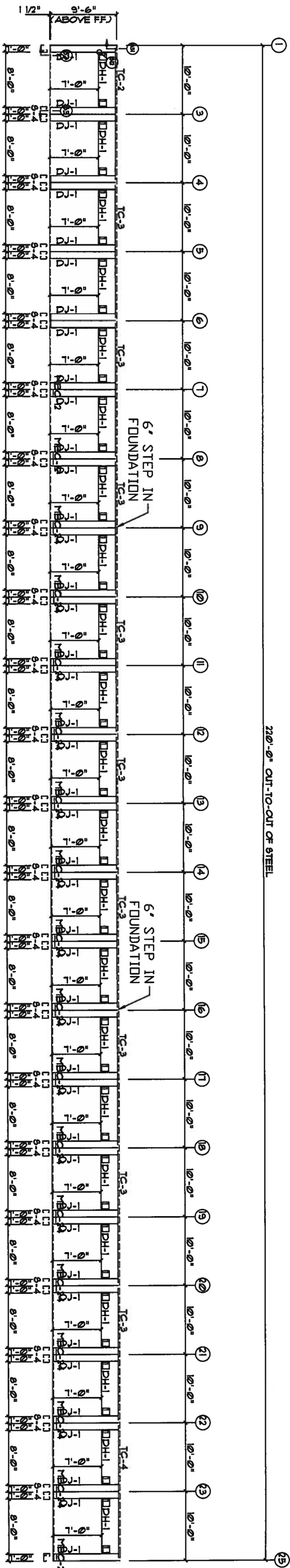
WWW.UNITEDSTEELBUILDING.COM
2700 W Cypress Creek Rd.
Ft. Lauderdale, FL 33309
Phone: 888-448-6963

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

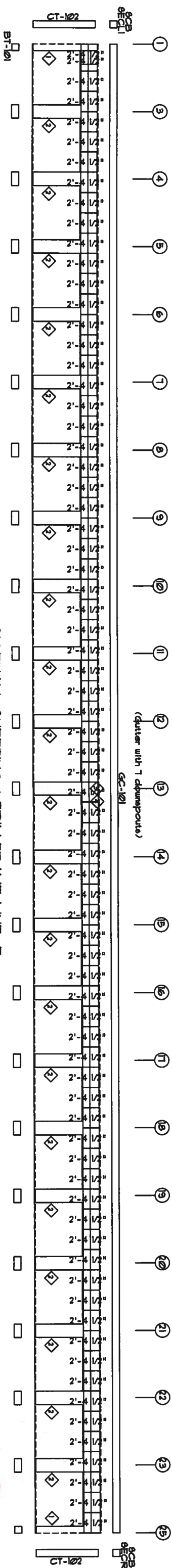
CONNECTION PLATES	
ID	MARK/PART
1	MCI

TRIM TABLE	
ID	MARK
1	CP4-12
2	JP1-24
3	HT-101
4	HT-101

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	8'-0"



SIDEWALL FRAMING FRAME LINE: E



SIDEWALL SHEETING & TRIM FRAME LINE: E

PANELS: 26 GA. BX - Light Stone

AUG 5 2007

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

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

CONNECTION PLATES	
ID	MARK/PART
1	MCI

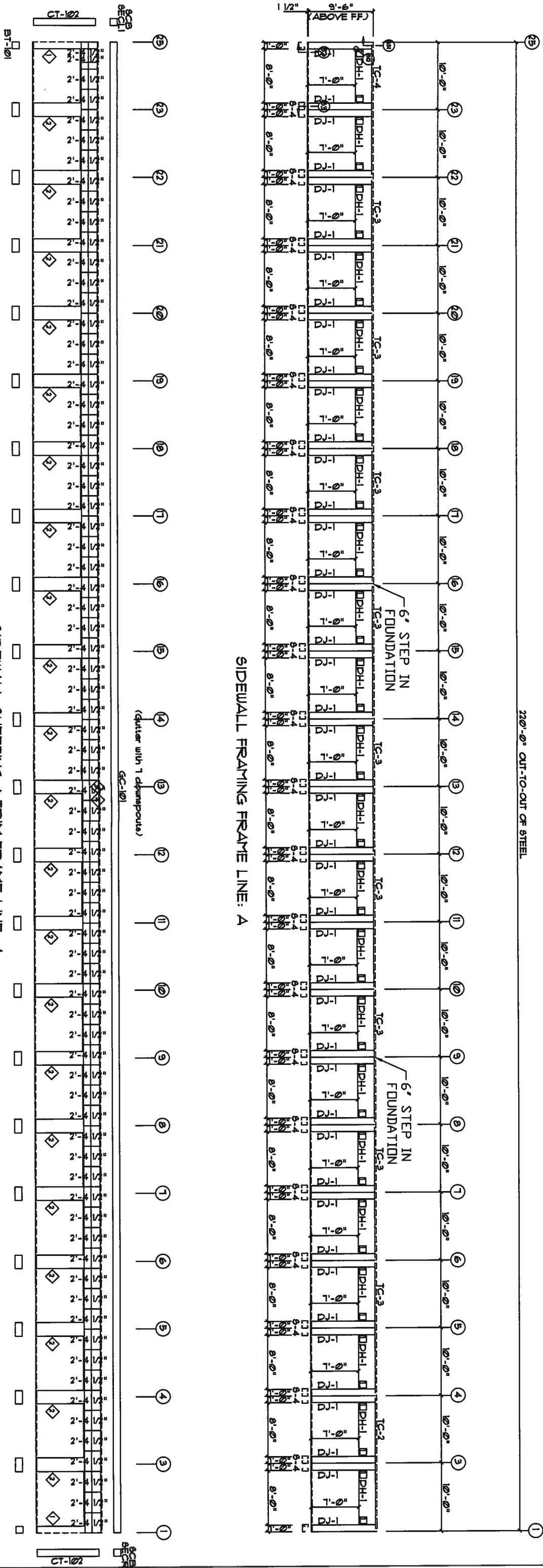
TRIM TABLE		
ID	MARK	LENGTH
1	CP4-12	7'-0"
2	JPI-24	7'-0"
3	HT-101	7'-9"
4	HT-101	10'-2"

MEMBER TABLE		
MARK	PART	LENGTH
S-4	4X25C16	9'-7 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"

220'-0" OUT-TO-OUT OF STEEL

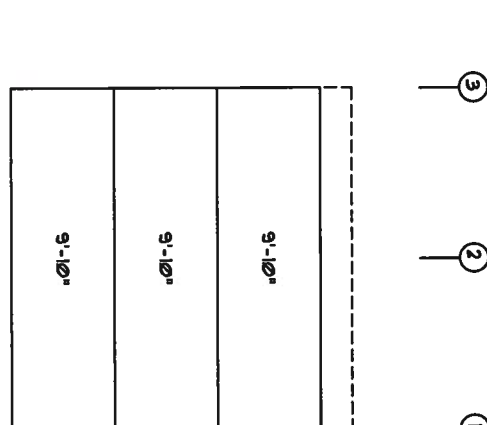
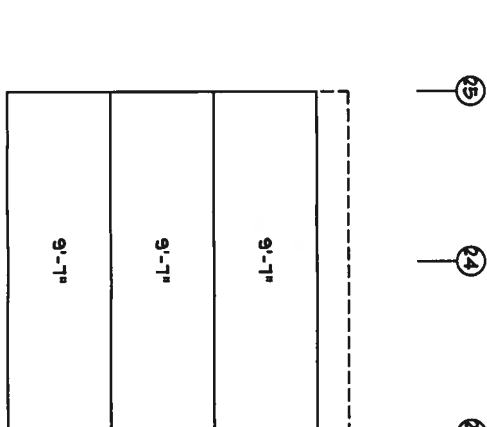
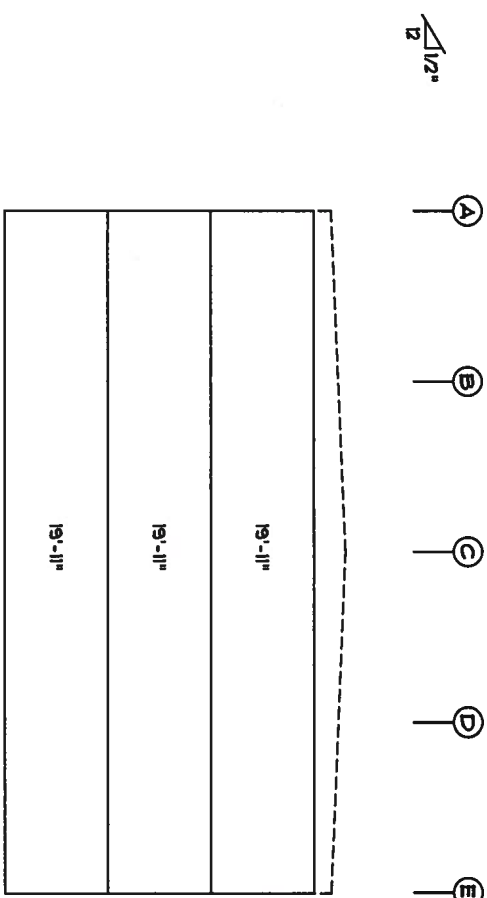
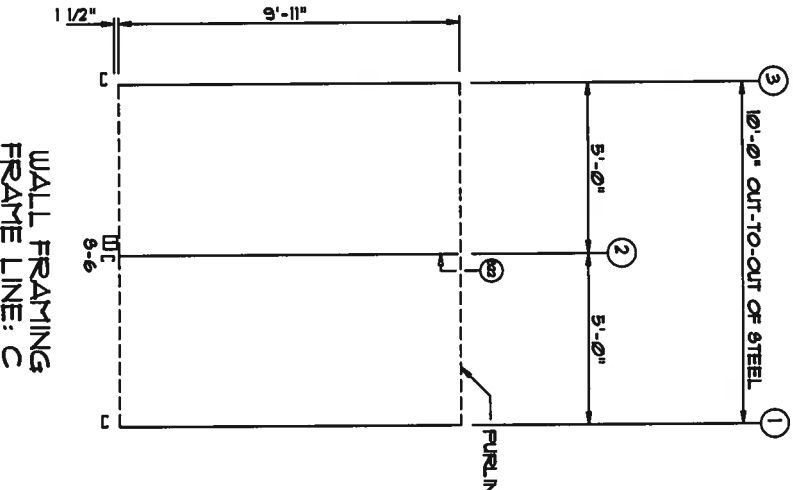
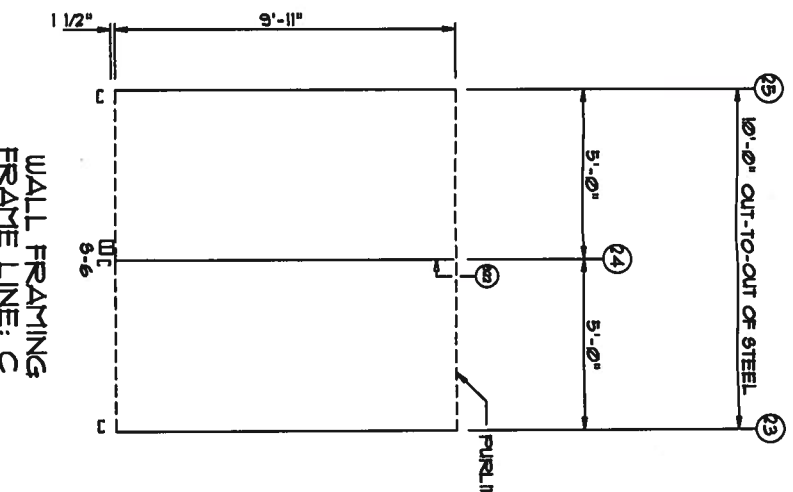
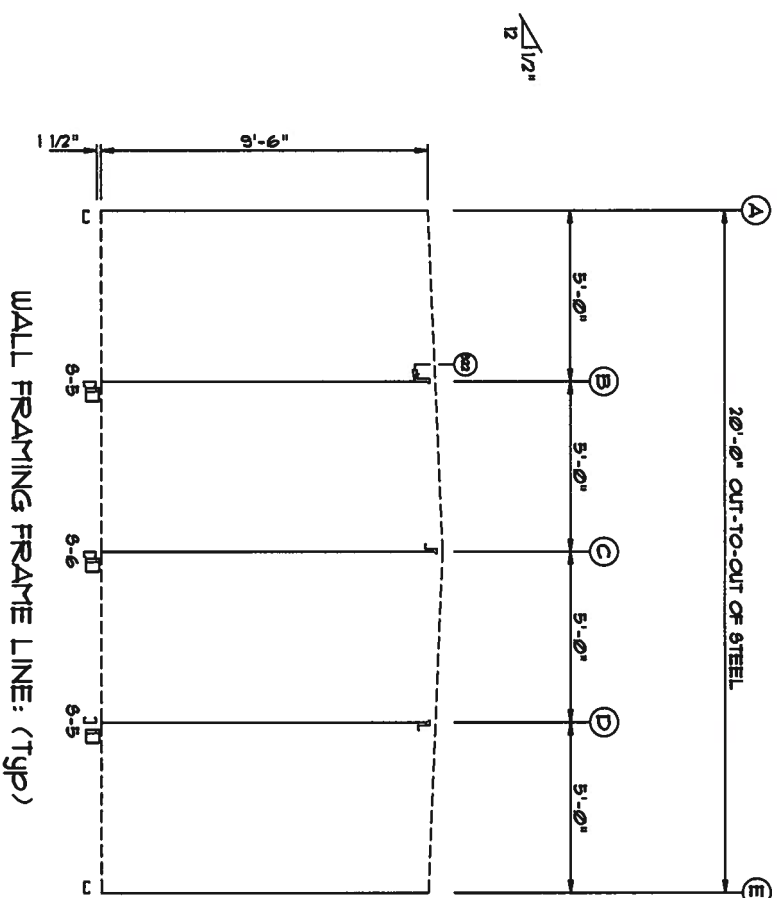
SIDEWALL FRAMING FRAME LINE: A

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



APR 15 2001

WWW.UNITEDSTEELBUILDING.COM	
2700 W Cypress Creek Rd.	
Ft. Lauderdale, FL 33309	
Phone: 888-448-6963	
DESCRIPTION: SIDEWALL DRAWING	DATE: 8/14/07
BUDG SIZE: 20'-0" x 220'-0" x 9'-6"	JOB NUMBER: 0601472C
CUSTOMER: North Florida Exteriors	SCALE: N.T.S.
LOCATION: Lake City, FL, 32025	DRAWING NUMBER: E4



WALL SHEETING & TRIM FRAME LINE: (typ)

PANELS: 29 GA. SP - NEED COLOR

WALL SHEETING & TRIM FRAME LINE: C

PANELS: 29 GA. SP - NEED COLOR

WALL SHEETING & TRIM FRAME LINE: C

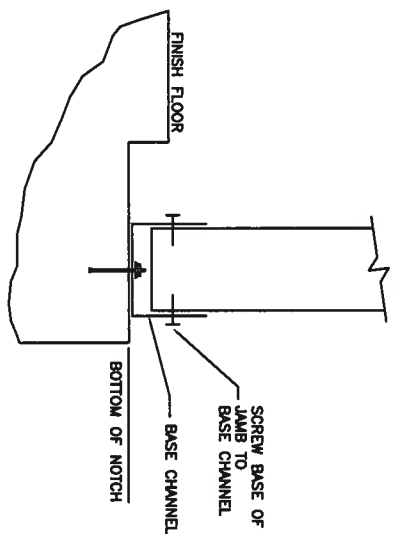
PANELS: 29 GA. SP - NEED COLOR

15 2005

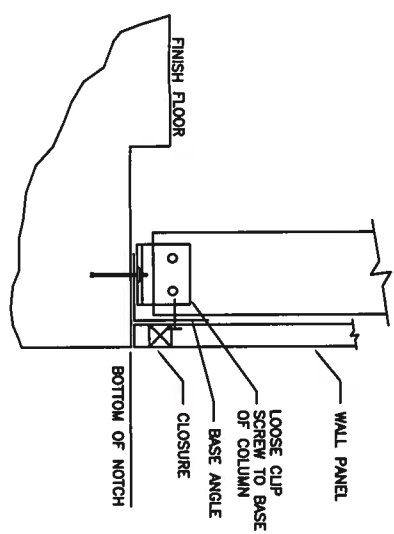
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Phone: 888-448-6963

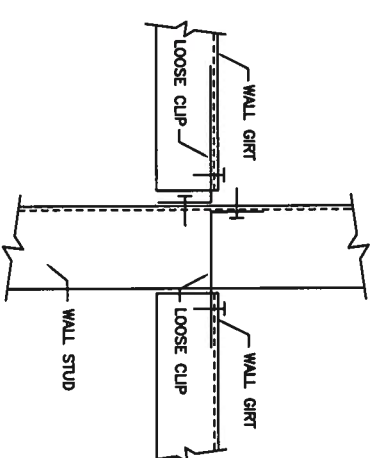
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PARTITION DRAWING	8/13/07	
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CUSTOMER: North Florida Exteriors	JOB NUMBER: 0601472C	
LOCATION: Lake City, FL 32025	SCALE: N.T.S.	DRAWING NUMBER: E5



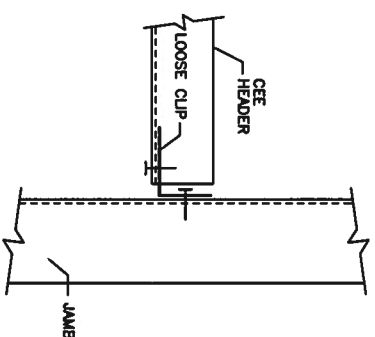
S2 BASE OF SIDEWALL OR
ENDWALL WITH CHANNEL



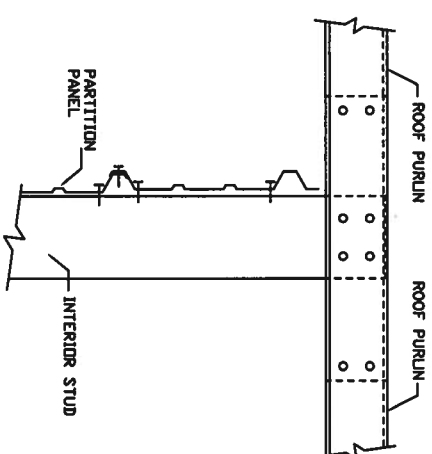
S3 BASE OF SIDEWALL OR
ENDWALL WITH ANGLE



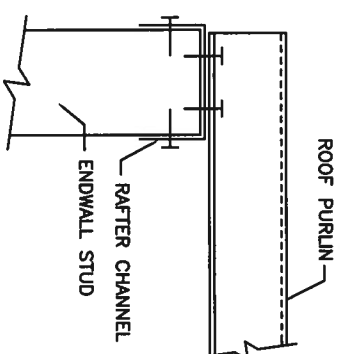
S11 JAMB OR COLUMN TO GIRT



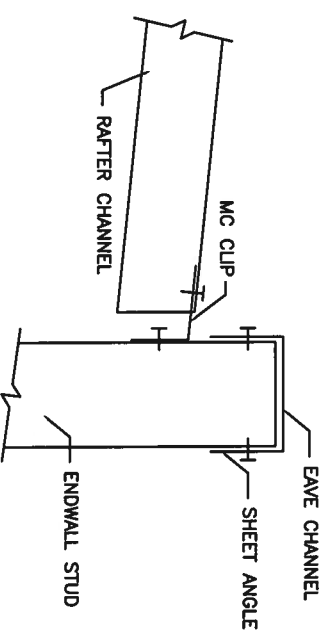
S12 HEADER TO JAMB



S22 INTERIOR COLUMN TO PURLIN
(WITHOUT RAFTER)



S23 ENDWALL COLUMN/JAMB TO
PURLIN WITH RAFTER



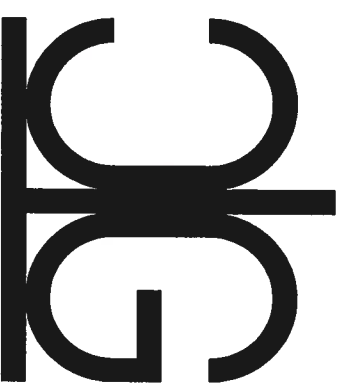
S31 INTERIOR RAFTER TO SIDEWALL
COLUMN WITHOUT EAVE STRUT

ADG 15 2005

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

DESCRIPTION: Detail Page	DRAWN BY:	REVISION:
BDS 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: 01

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

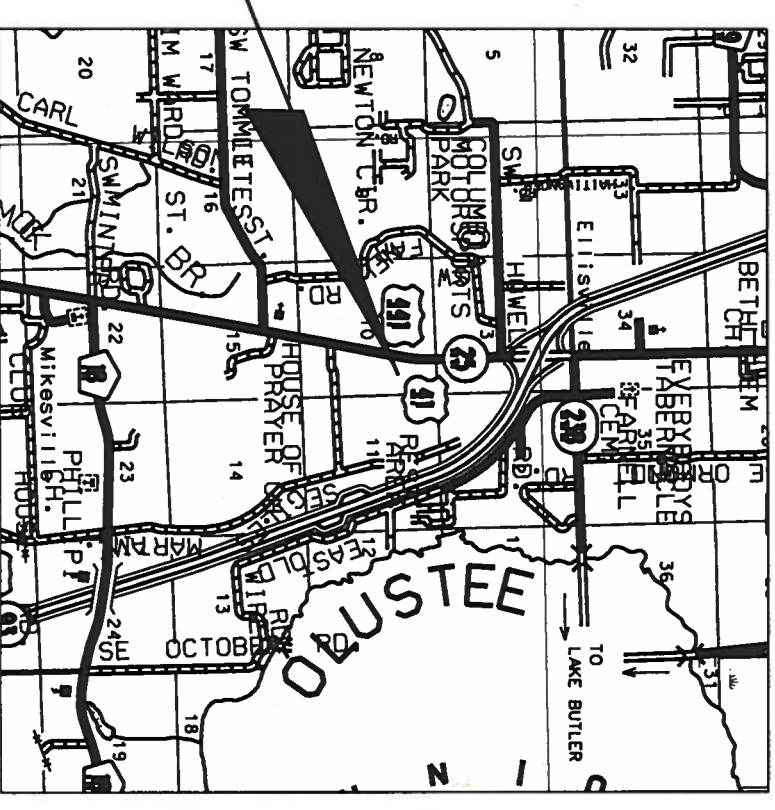
PHONE: 386.755.0294

CELL: 386.623.1387

INDEX OF SHEETS

- 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

PROJECT LOCATION



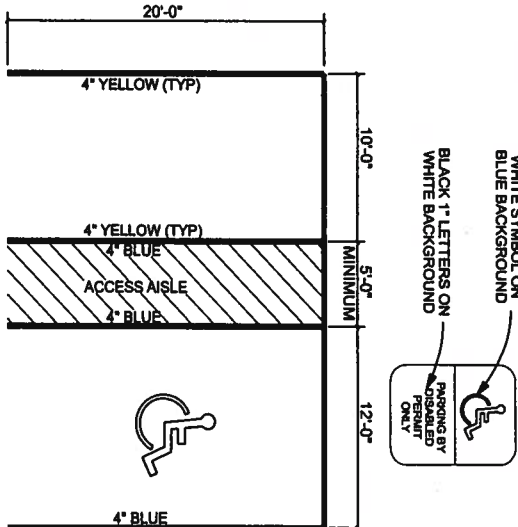
LOCATION MAP

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

Handwritten signature and date: 7.20-07

GENERAL NOTES

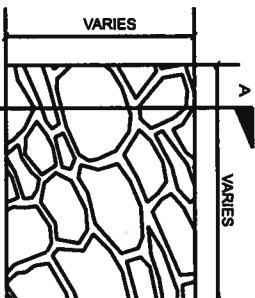
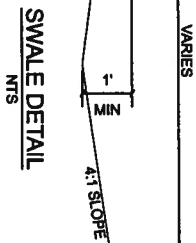
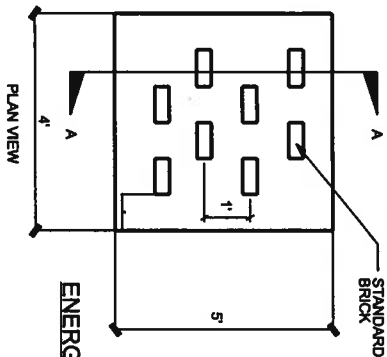
1. The contractor shall verify all existing conditions and dimensions at the job site to insure that all new work will fit in the manner intended on the plans. Should any conditions exist that are contrary to those shown on the plans, the contractor shall notify the engineer of such differences immediately 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 SHALL BE SET FROM 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



PARKING APRON
1.25" TYPE 5 ASPHALT
6" LIMEROCK BASE
8" COMPACTED SUB-GRADE



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

REVISION NOTES

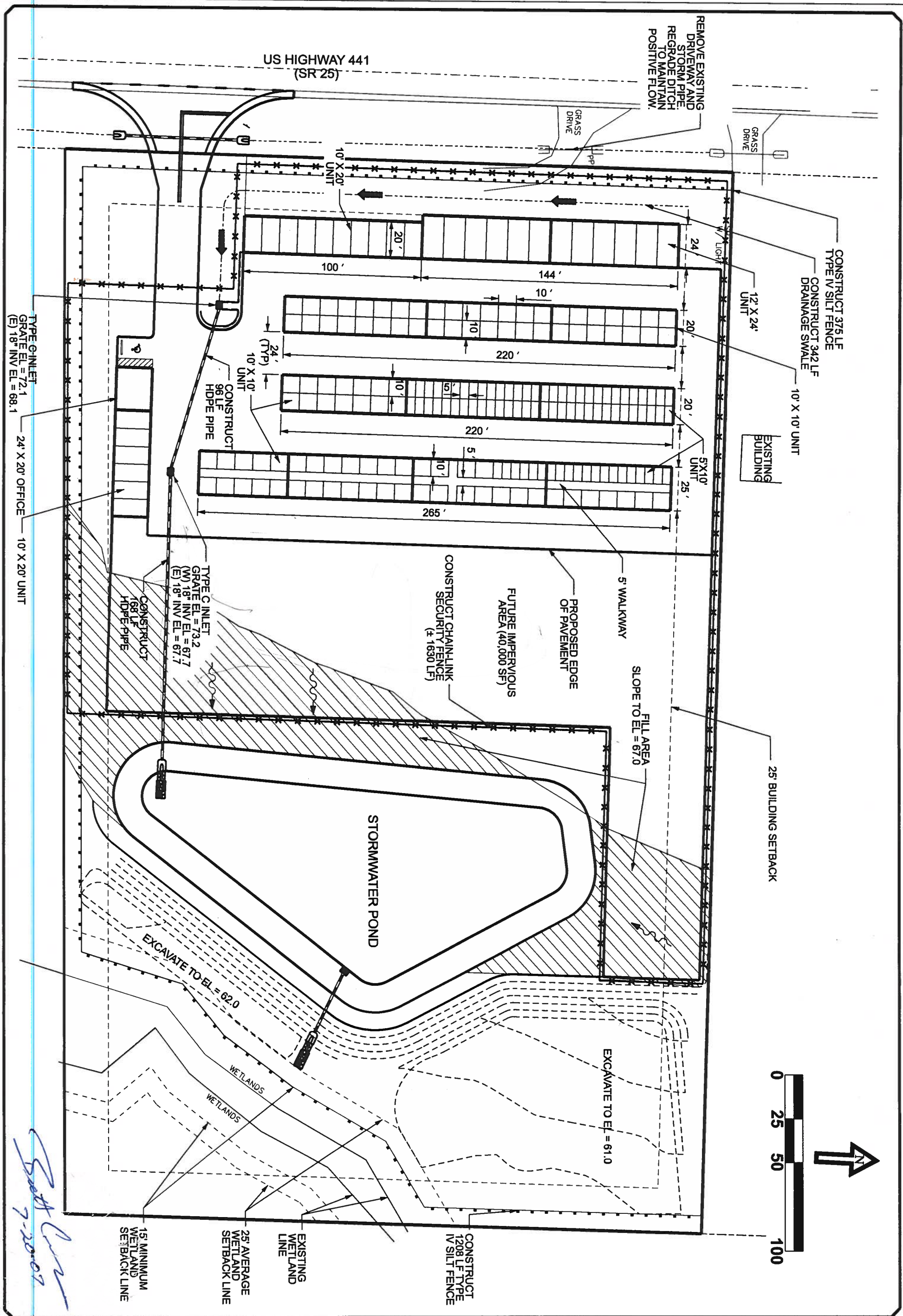
DATE

ELLISVILLE MINI-STORAGE
GENERAL NOTES
AND DETAILS

PROJECT NUMBER
PF07-030

SHEET

1



REVISION NOTES		DATE

PROJECT NUMBER	PF07-030
SHEET	3

STRUCTURAL/CIVIL ENGINEERS

ELLISVILLE MINI STORAGE

SITE PLAN

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



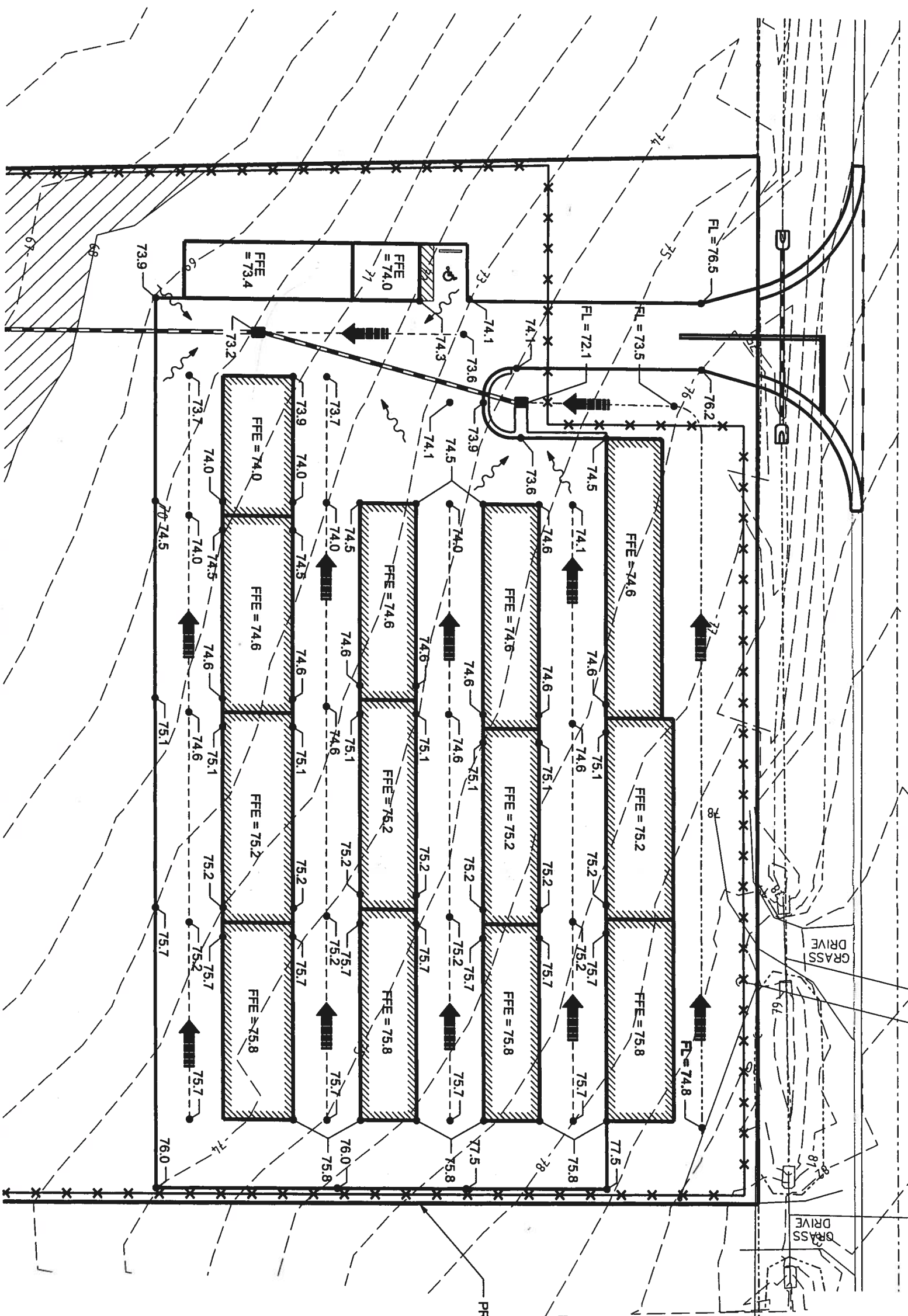
16" CMP
INV. = 78.33
INV. = 77.98

16" CMP
INV. = 79.97
INV. = 79.58

GRASS
DRIVE

GRASS
DRIVE

PROPERTY BOUNDARY



REVISION NOTES		DATE

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



ELLISVILLE MINI STORAGE
GRADING PLAN

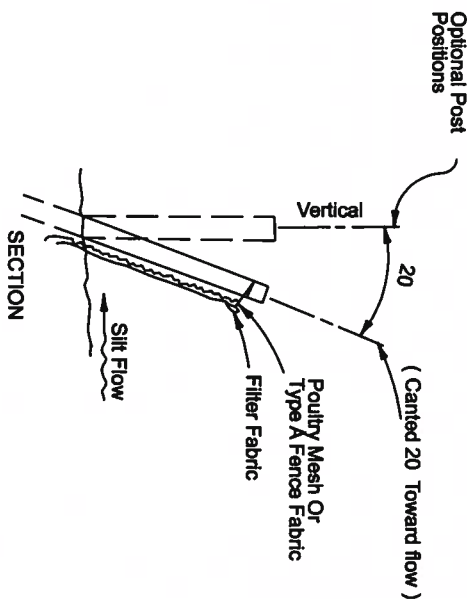
PROJECT NUMBER
PF07-030

SHEET
4

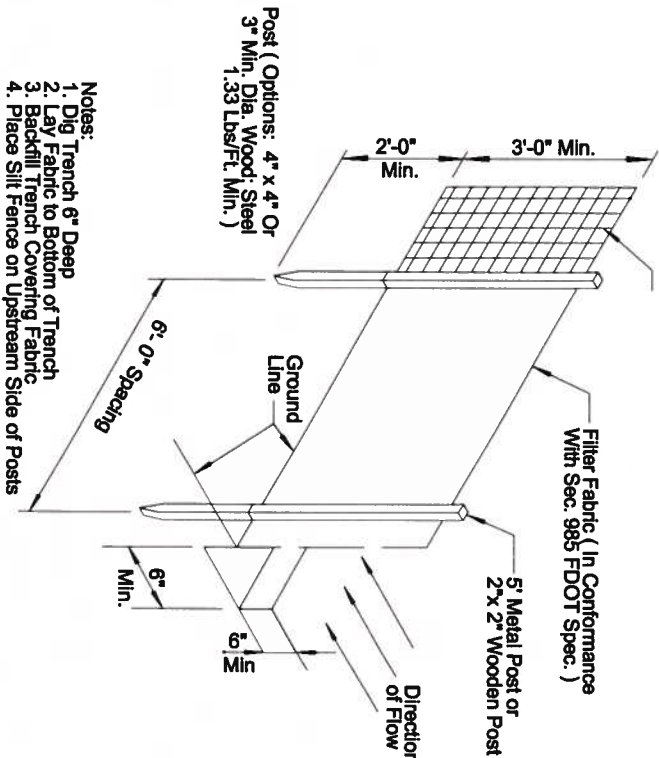
Handwritten signature and date:
Bull 1-2
7-28-07

EROSION CONTROL NOTES

- 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".
- Sediment and erosion control facilities, storm drainage facilities and detention basins shall be installed prior to any other construction.
- Erosion control measures shall be inspected weekly and after each rainfall and replaced as necessary.
- Sediment and erosion control measures shall not be removed until all construction is complete and until a permanent ground cover has been established.
- All open drainage swales shall be grassed and riprap shall be placed as required to control erosion.
- Silt fences shall be located on site to prevent sediment and erosion from leaving right-of-way limits.
- Additional erosion control devices shall be used as required.
- Silt fence shall be cleaned or replaced when silt builds up to within one foot of top of silt fence.
- During construction and after construction is complete, all structures shall be cleaned of all debris and excess sediment.
- All grades areas shall be stabilized immediately with a temporary fast-growing cover and/or mulch.
- A pad of rubble riprap shall be placed at the bottom of all collection flumes and collection pipe outlets.
- 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.
- Staked silt fences shall be placed near all box culvert extensions in accordance with FDOT Standard Index 102.
- 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.
- 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.
- 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.
- All waste generated on the project shall be disposed of by the contractor in areas provided by contractor.
- Loaded haul trucks shall be covered with tarps.
- Excess dirt shall be removed daily.
- Fertilizer shall be applied as specified in the plans and specifications.
- This project shall comply with all water quality standards. Permit required from SRWMD has been obtained.
- All pollution controls shall be maintained at all times.
- 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.
- 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.
- Sites that have been finally stabilized with sod or grassing shall be inspected at least once every week.
- 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

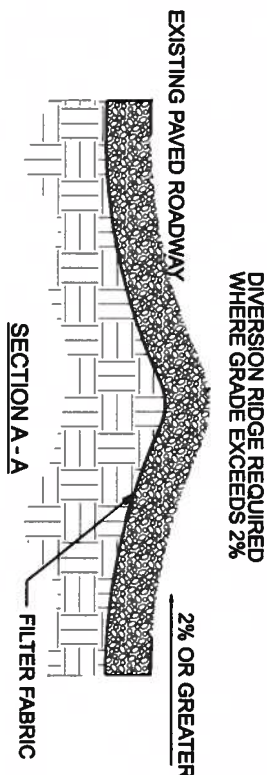


- Notes:
- Dig Trench 6" Deep
 - Lay Fabric to Bottom of Trench
 - Backfill Trench Covering Fabric
 - Place Silt Fence on Upstream Side of Posts

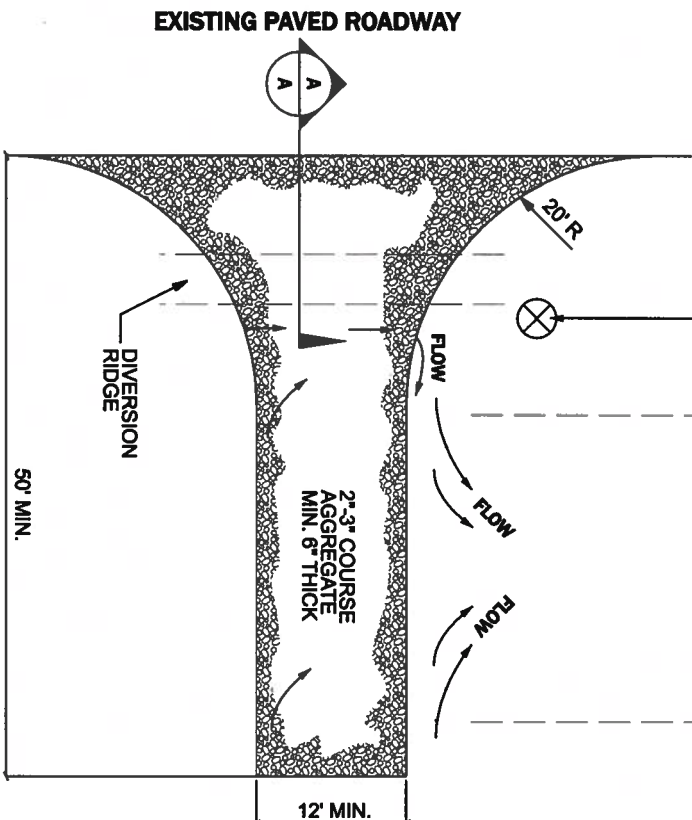
TYPE IV SILT FENCE

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 TYPE IV FENCE IN AREAS WHERE THE DETAINED 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.



SEDIMENT BARRIER
(STRAW BALE TYPE SHOWN)
SUPPLY WATER TO WASH
WHEELS IF NECESSARY.



- NOTES:
- 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.
 - WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY.
 - 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

REVISION NOTES		DATE

ELLISVILLE MINI-STORAGE	EROSION CONTROL	NOTES & DETAILS
PROJECT NUMBER	PF07-030	
SHEET	5	

STRUCTURAL/CIVIL ENGINEERS

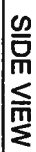
P.O. Box 187
130 West Howard Street
Live Oak FL, 32064
Phone: (386) 362-3678
Fax: (386) 362-6133

9



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)



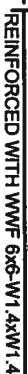
NOTES:

- 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



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

NTS

ELLISVILLE MINI-STORAGE MISCELLANEOUS NOTES AND DETAILS

PROJECT NUMBER

PF07-030

SHEET

**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



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).

- Sub C
7-20-01

**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

SHEET

8



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

SR 25 / US 441

SECTION
29030
MP 9.669

CONSTRUCT #66 LF
6" WHITE STRIPE
(TYP BOTH SIDES)
(SEE FDOT INDEX 17346)

CONSTRUCT #27 LF
24" STOP BAR
(SEE FDOT INDEX 17346)

VARIES SEE
NOTE 16

REGRADE DITCH TO ENSURE
POSITIVE DRAINAGE
(TYPICAL BOTH SIDES)

4' PAVED SHOULDERS

R 50'
TYP

INV EL = 74.0

PROPERTY
BOUNDARY

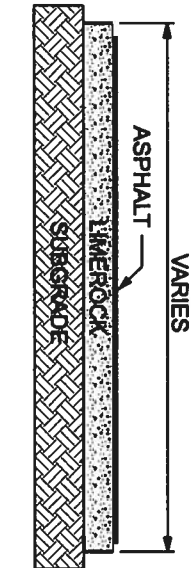
30" X 30"
FDOT TYPE R1-1 STOP
SIGN (SEE INDEX
11860, 11861 AND 17302
DESIGN SPEED IS 25 MPH)

CONSTRUCT #50 LF
6" DOUBLE YELLOW LINE
(SEE FDOT INDEX 17346)

FDOT RW

CONSTRUCT 76 LF
18" BCCSP W/ MES @ EACH END
(SEE FDOT INDEX 273)

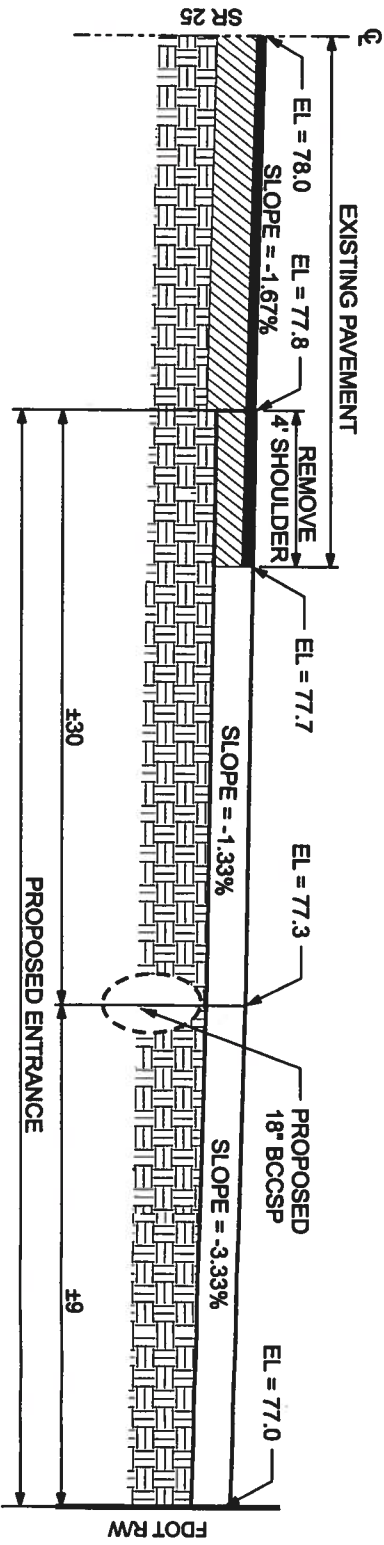
HATCH DENOTES
SODDING LIMITS



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

NTS



STRUCTURAL/CIVIL ENGINEERS

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130 West Howard Street
Live Oak FL, 32064
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Fax: (386) 362-6133

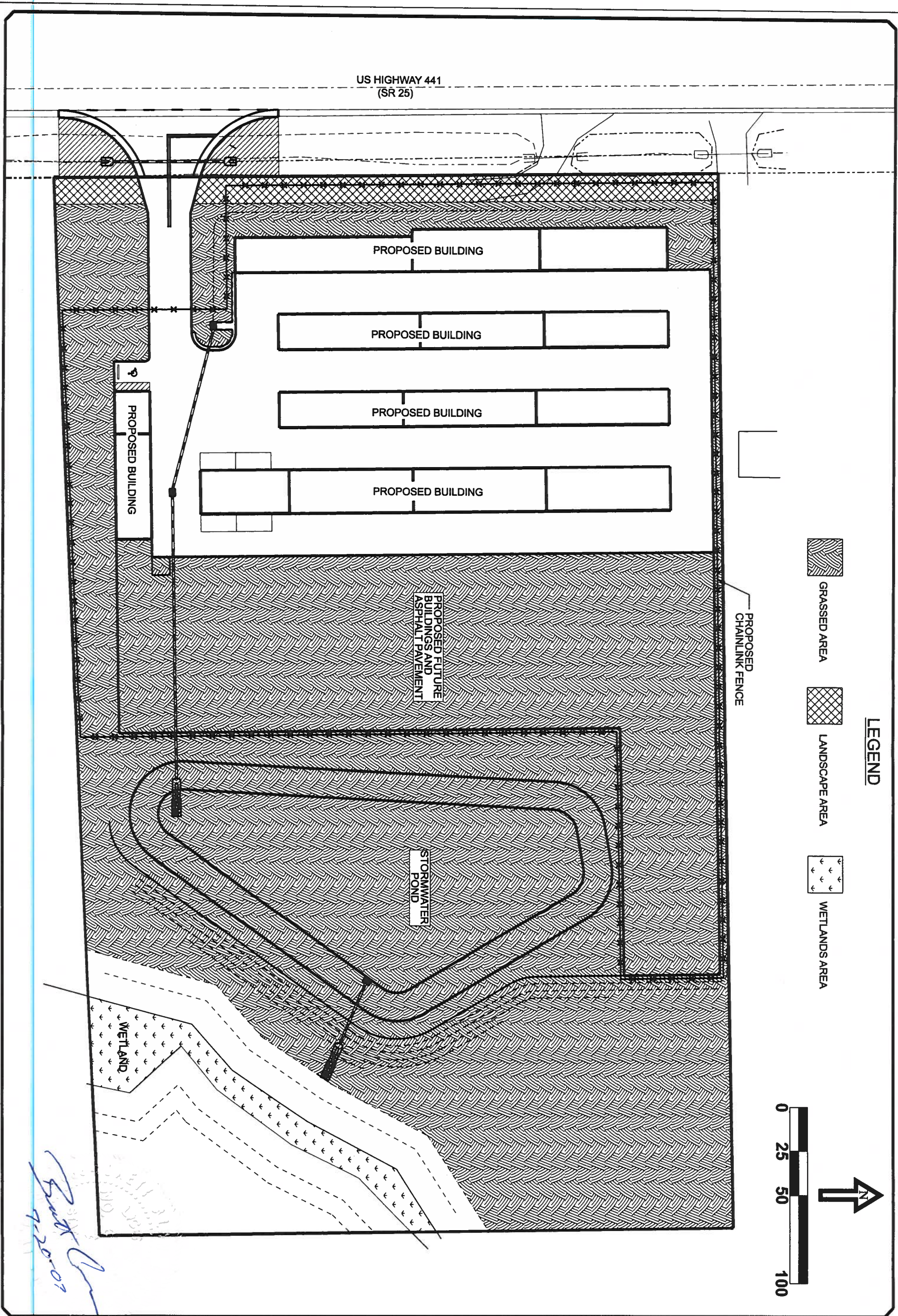
DATE REVISION NOTES


ELLISVILLE MINI-STORAGE
FDOT DRIVEWAY
CONNECTION AND DETAILS

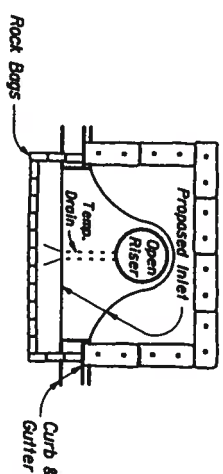
PROJECT NUMBER
PF07-030

SHEET

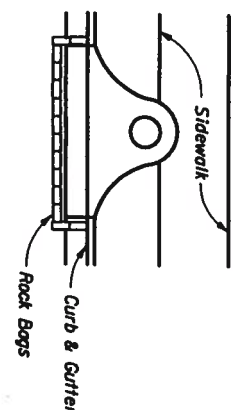
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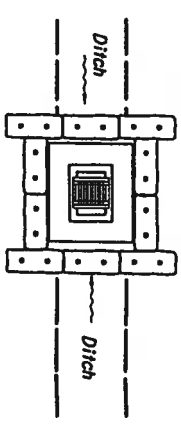
PROJECT NUMBER PF07-030		DATE		REVISION NOTES	
SHEET 10					
ELLISVILLE MINI STORAGE					
LANDSCAPE PLAN					
 STRUCTURAL/CIVIL ENGINEERS		P.O. Box 187 130 West Howard Street Live Oak FL, 32064 Phone: (386) 362-3678 Fax: (386) 362-6133			



PARTIAL INLET

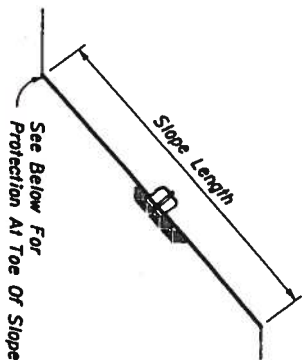


COMPLETED INLET



DITCH BOTTOM INLET

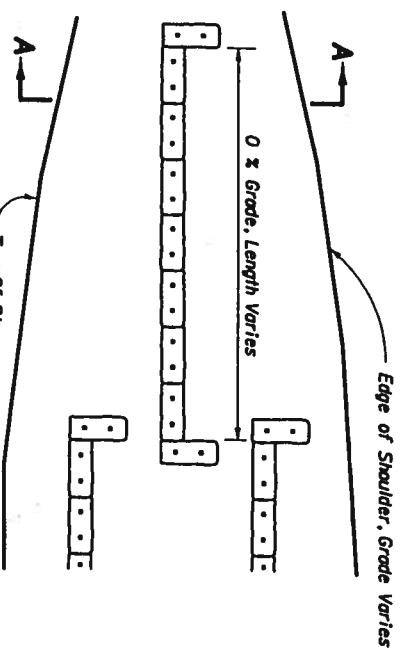
PROTECTION AROUND INLETS OR SIMILAR STRUCTURES



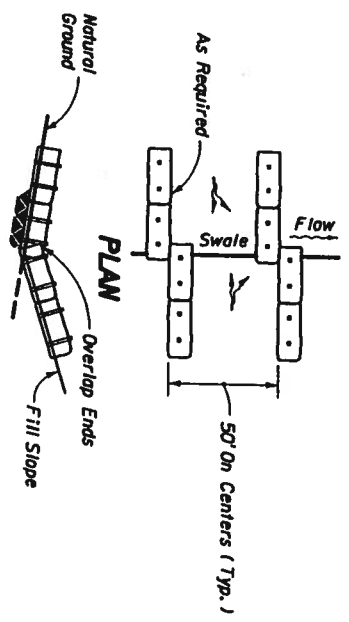
SECTION AA

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

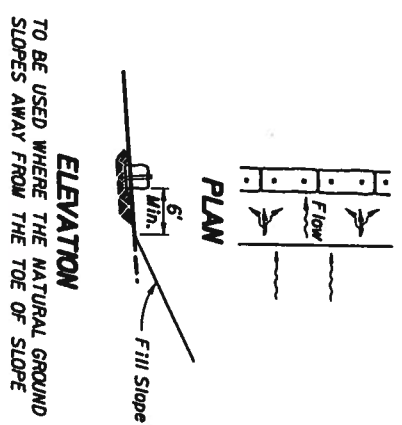


ELEVATION

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

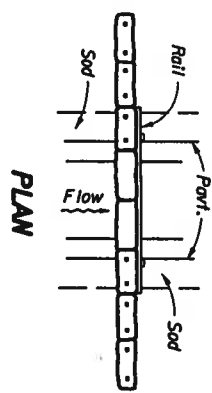
AT TOE OF SLOPE

BARRIERS FOR FILL SLOPES



ELEVATION

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

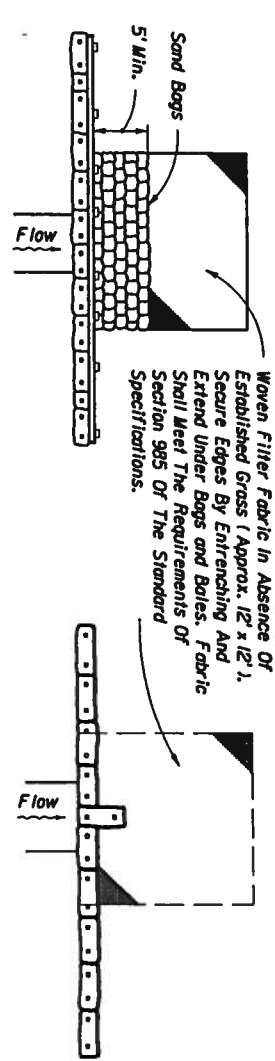


PLAN



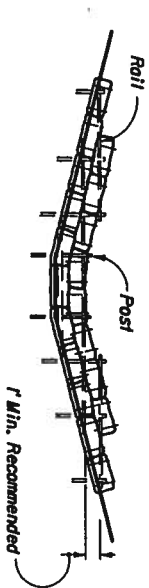
ELEVATION

BARRIER FOR PAVED DITCH



PLAN

PLAN



ELEVATION



ELEVATION

TYPE II
BARRIERS FOR UNPAVED DITCHES

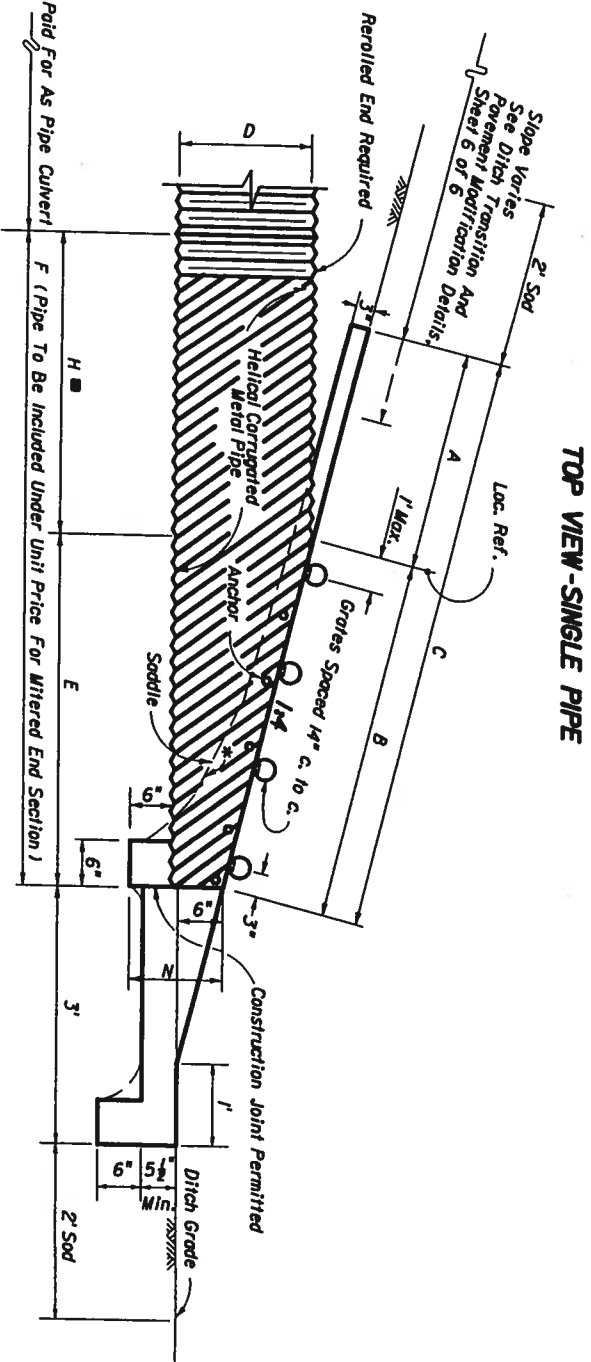
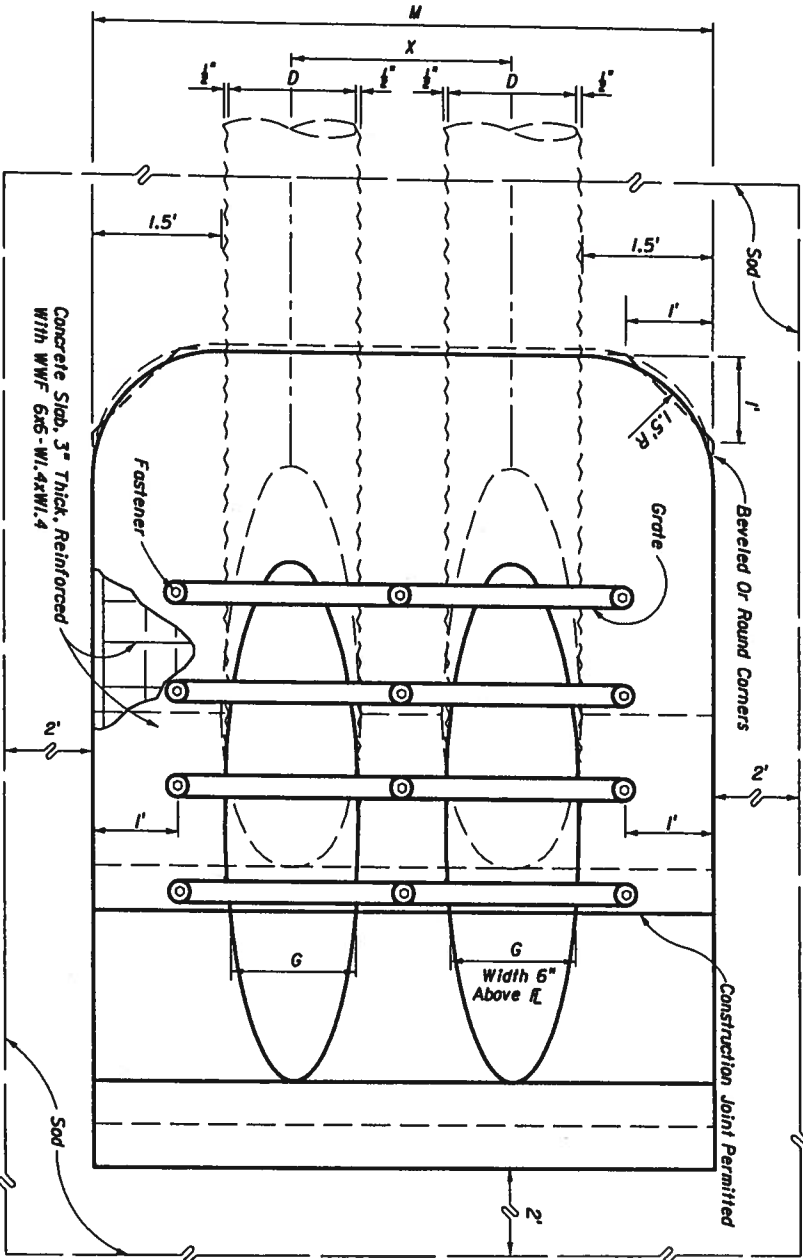
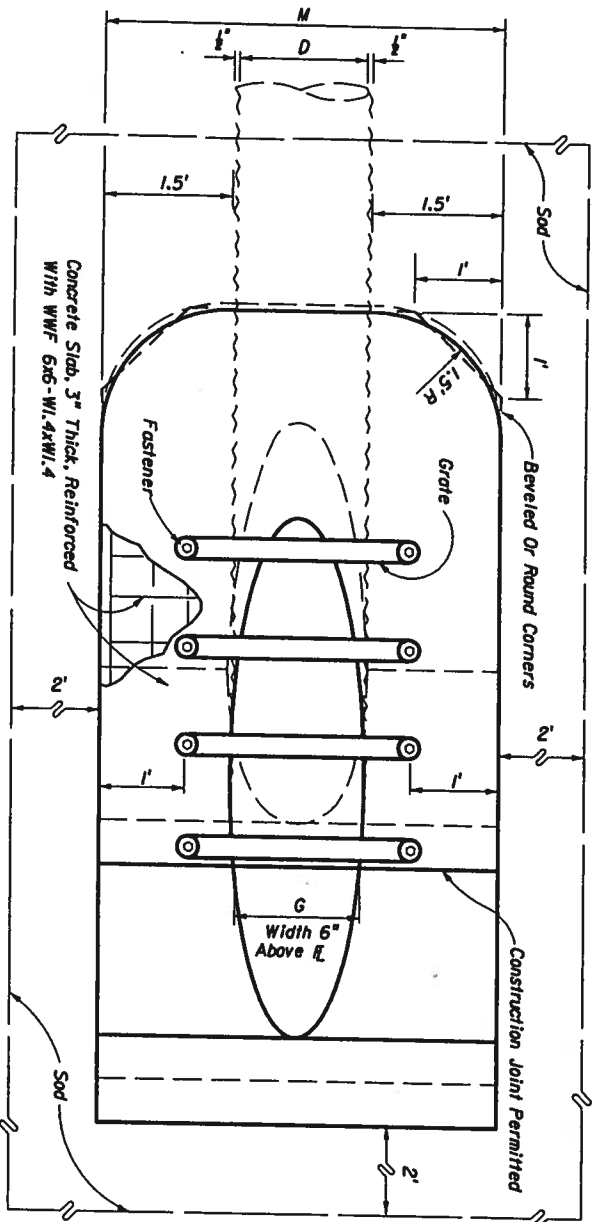
NOTES FOR BALED HAY OR STRAW BARRIERS

1. Type I and II Barriers should be spaced in accordance with Chart I, Sheet I.
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 balled 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.



DIMENSIONS & QUANTITIES

D	X	A	B	C	E	F	G	H ■	M				N	GRATE SIZES		CONCRETE (Cu. Yds.)				SODDING (Sq. Yds.)				REMARKS
									Single Pipe	Double Pipe	Triple Pipe	Quad. Pipe		Standard Weight Pipe	Extra Strong Pipe	Single Pipe	Double Pipe	Triple Pipe	Quad. Pipe	Single Pipe	Double Pipe	Triple Pipe	Quad. Pipe	
8"	2'-0"	2.5'	0.72'	3.22'	0.7'	4.0'	0.58'	3.3'	3.75'	5.75'	7.75'	9.75'	1.04'			0.52	0.90	1.22	1.54	7	8	8	9	These sizes are restricted to inlet and outlet treatment for water management systems or similar applications. ■ Values shown for estimating pipe quantities and are for information only.
10"	2'-2"	2.5'	1.34'	3.84'	1.3'	5.0'	0.81'	3.7'	3.92'	6.08'	8.25'	10.4'	1.04'			0.64	0.99	1.34	1.70	7	8	9	10	
12"	2'-4"	2.5'	2.05'	4.56'	2.0'	6.0'	1.00'	4.0'	4.08'	6.42'	8.75'	10.4'	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	11	
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	12	
24"	3'-5"	2.5'	6.18'	8.68'	6.0'	10.0'	1.73'	4.0'	5.08'	8.50'	11.92'	15.33'	1.04'	2 1/2"	3"	0.83	1.34	1.82	2.34	10	11	13	14	
30"	4'-3"	2.5'	8.25'	10.75'	8.0'	12.0'	2.00'	4.0'	5.58'	9.83'	14.08'	18.33'	1.04'	2 1/2"	3"	0.96	1.63	2.32	2.99	12	13	15	17	
36"	5'-1"	2.5'	10.37'	12.87'	10.0'	14.0'	2.24'	4.0'	6.08'	11.17'	16.25'	21.33'	1.04'	2 1/2"	3"	1.08	1.92	2.77	3.62	12	14	17	19	
42"	6'-0"	2.5'	12.37'	14.87'	12.0'	16.0'	2.45'	4.0'	6.58'	12.58'	18.58'	24.58'	1.04'	2 1/2"	3"	1.20	2.26	3.34	4.61	13	16	18	21	
48"	6'-9"	2.5'	14.43'	16.93'	14.0'	18.0'	2.65'	4.0'	7.08'	13.83'	20.58'	27.33'	1.04'	2 1/2"	3"	1.30	2.51	3.62	4.92	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'	22.92'	30.58'	1.04'	3"	4"	1.40	2.71	3.82	5.12	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'	25.08'	33.58'	1.04'	3"	4"	1.54	3.05	4.16	5.46	17	20	24	28	

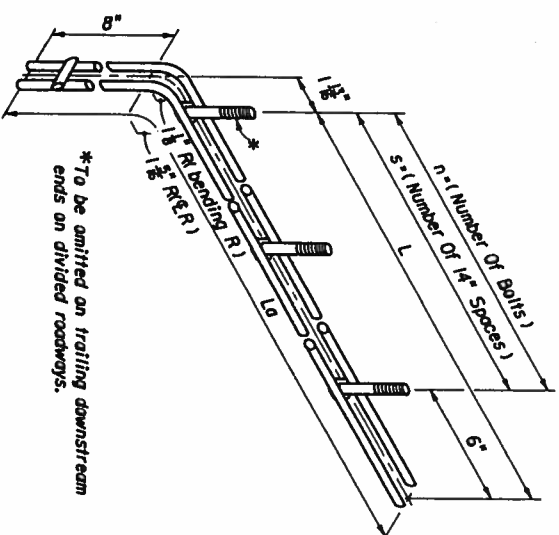
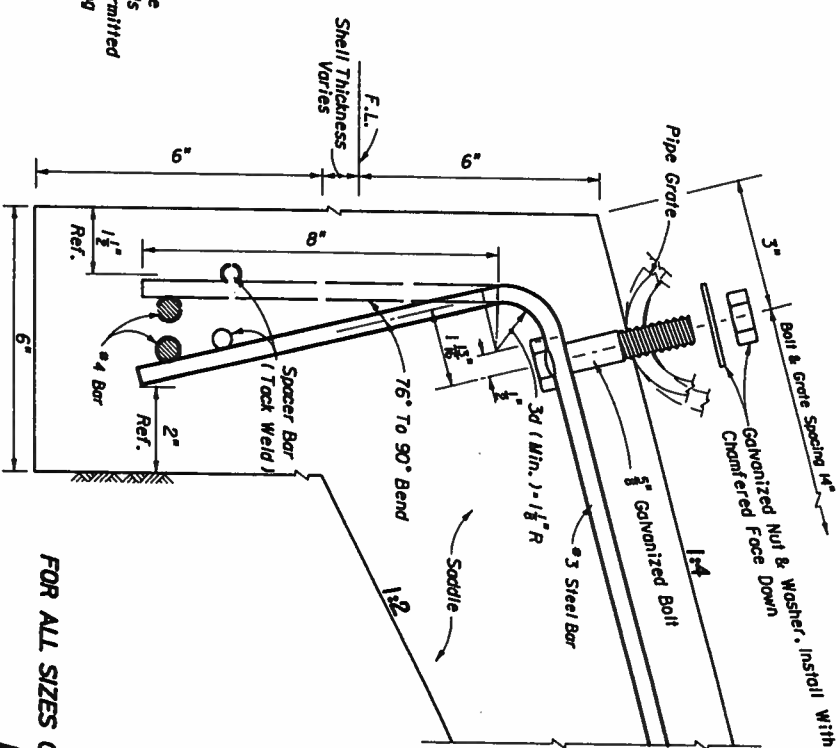
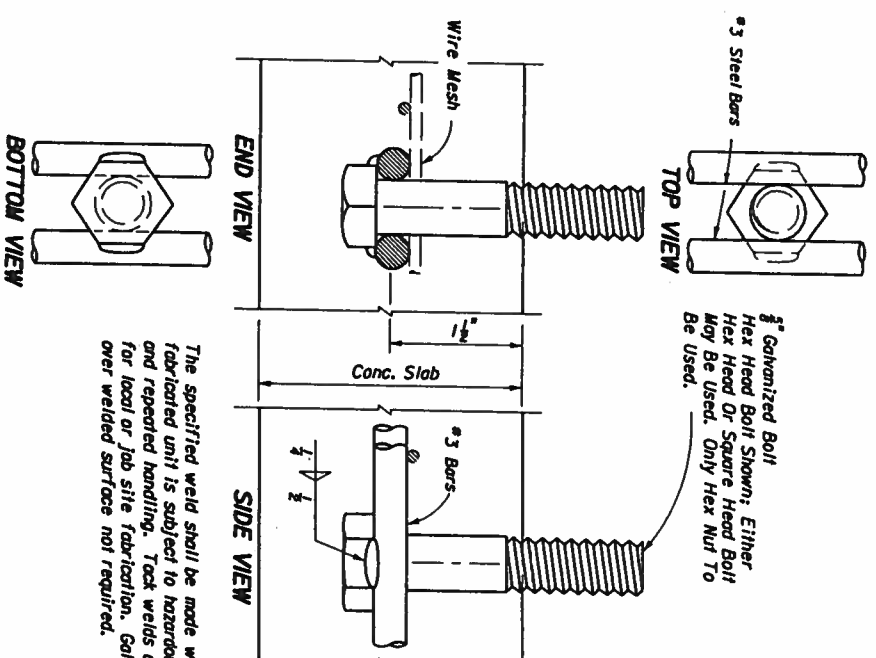


NOTE: See Sheets 5 and 6 for details and general notes.

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

SECTION





Drain Size	s	n	L	L ₀
CONCRETE PIPE (ROUND)				

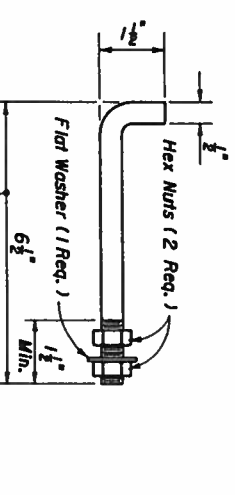
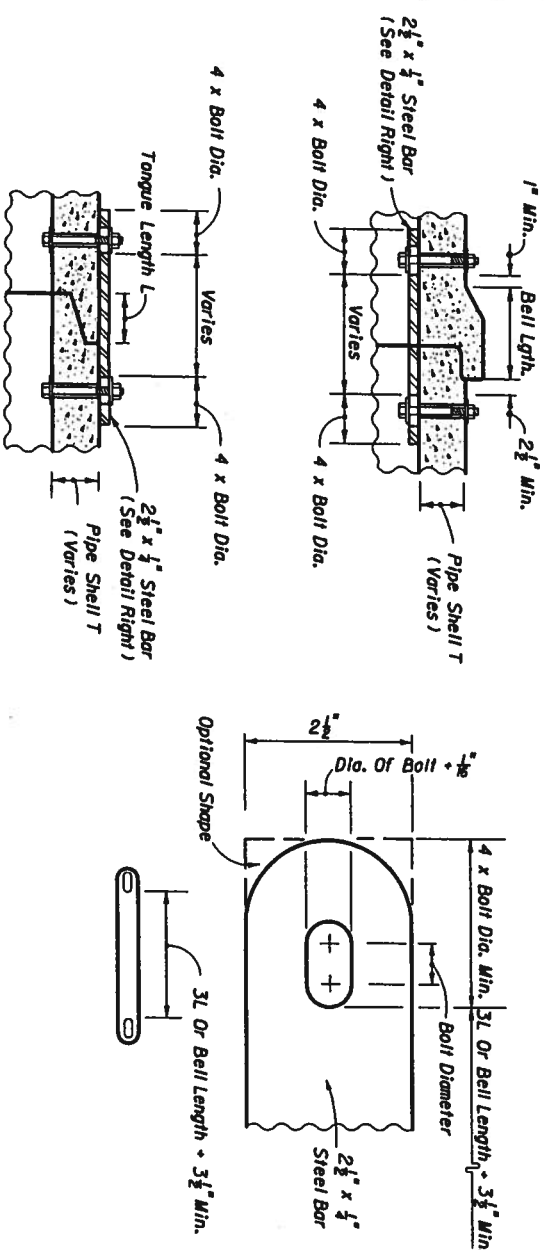
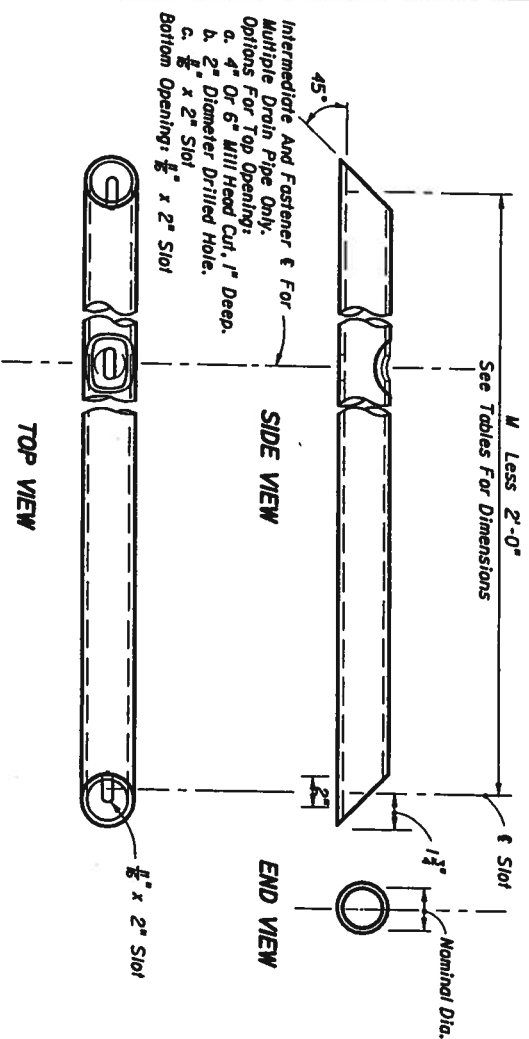
15°	3	4	4'-0"	4'-11"
18°	4	5	5'-2"	6'-1"
24°	6	7	7'-6"	8'-5"
30°	7	8	8'-8"	9'-7"
36°	9	10	11'-0"	11'-11"
42°	11	12	13'-4"	14'-3"
48°	13	14	15'-8"	16'-7"
54°	14	15	16'-10"	17'-9"
60°	16	17	19'-2"	20'-1"

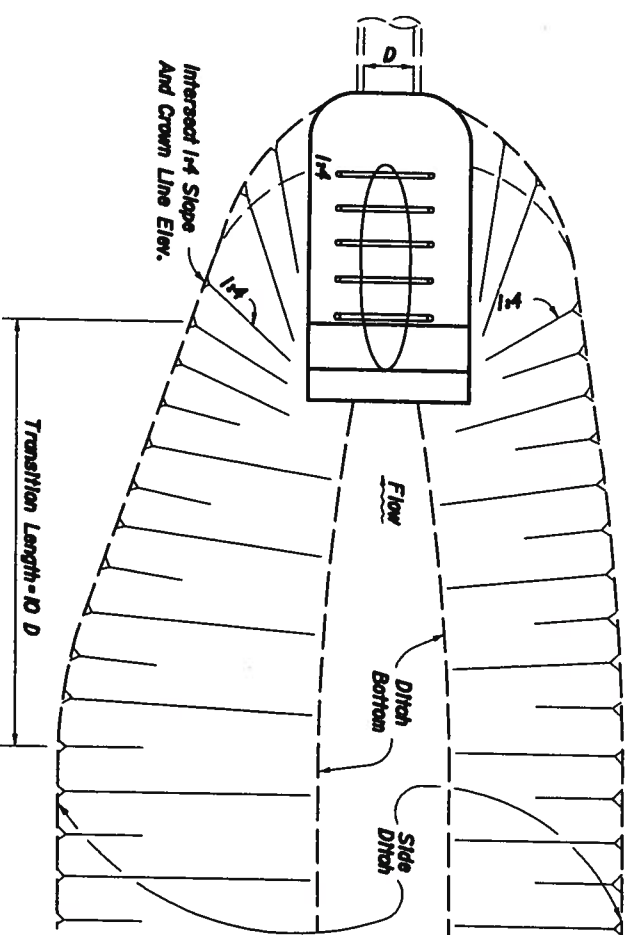
15°	2	3	2°-10°	3°-9°
18°	3	4	4°-0°	4°-11°
24°	5	6	7°-8°	7°-3°
30°	7	8	8°-8°	9°-7°
36°	8	9	9°-10°	10°-9°
42°	10	11	12°-2°	13°-1°
48°	12	13	14°-6°	15°-5°
54°	14	15	16°-10°	17°-9°
60°	15	16	18°-0°	18°-11°

CORROGATED METAL PIPE ARCH			
17" x 13"	1	2	1'-8"
21" x 15"	2	3	2'-10"
28" x 20"	4	5	5'-2"
35" x 24"	5	6	6'-4"
42" x 28"	6	7	7'-6"
49" x 33"	7	8	8'-8"
57" x 38"	9	10	11'-0"
64" x 43"	10	11	12'-2"
71" x 47"	12	13	14'-6"
			15'-5"

Grate Size (Std. & X-Sig.)	Boil Length
2½"	5½"
3"	6"
3½"	6½"
4"	7"

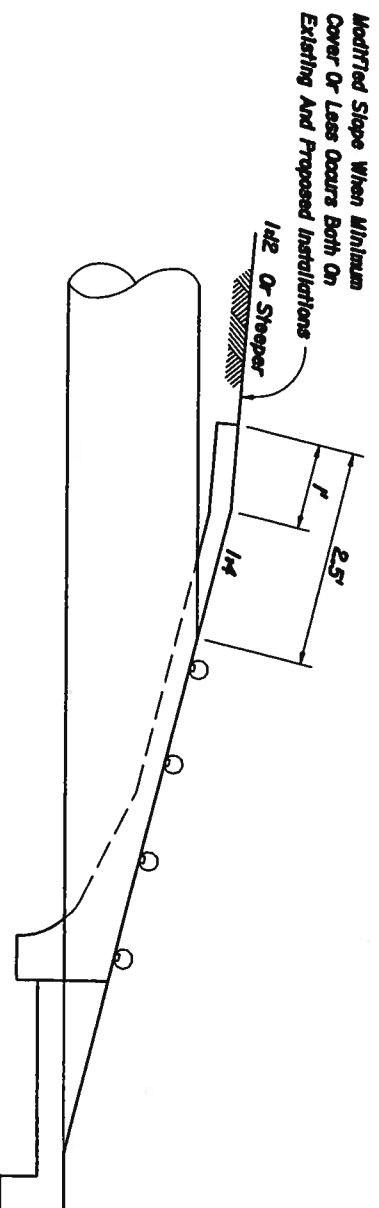
Drain Size	s	n	L	Lo
12" x 18"	2	3	2'-10"	3'-9"
14" x 23"	3	4	4'-0"	4'-11"
16" x 30"	4	5	5'-2"	5'-9"
24" x 38"	4	5	6'-4"	7'-3"
29" x 45"	7	8	8'-8"	9'-7"
34" x 53"	8	9	9'-10"	10'-9"
38" x 60"	8	9	12'-2"	13'-3"
43" x 68"	10	12	13'-4"	14'-3"
48" x 76"	13	14	15'-8"	16'-7"
53" x 83"	14	15	15'-10"	17'-9"
58" x 91"	15	16	18'-0"	18'-11"





PLAN

DITCH TRANSITION



PERMISSIBLE PAVEMENT MODIFICATION

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 inverts 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 19" 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 532, Standard Specifications; or, fabricated from black pipe and hot dipped galvanized after fabrication in accordance with ASTM A123. Grates subject to salt water or highly corrosive environment shall be hot dipped galvanized after fabrication in accordance with ASTM A123.
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, ST.
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

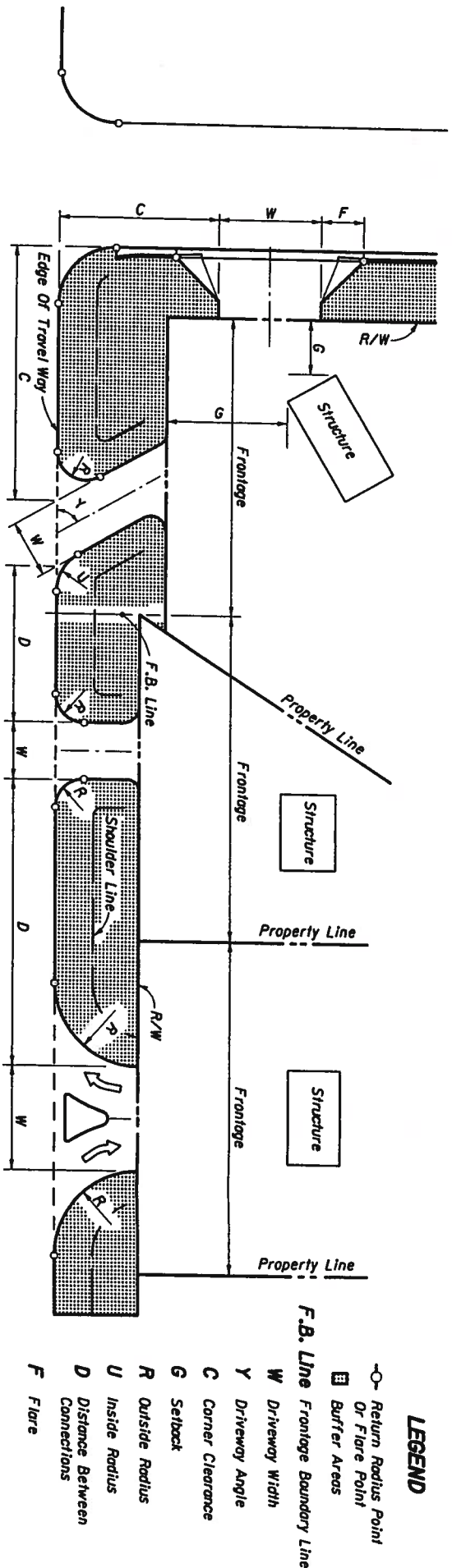
1. In critical hydraulic locations, grates shall not be used until potential debris transport has been evaluated by the drainage engineer and appropriate adjustments made. Ditch grades in excess of 3% or pipe with less than 1.5' of cover and grades in excess of 1% will require such an evaluation (General 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.



2006 FDOT Design Standards

SIDE DRAIN MITERED END SECTION
NOTES & INFORMATION

Last Revision
04
Sheet No.
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	
	2-Way		2-Way		2-Way		2-Way	
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		Δ		15' Min. 25' Std. 50' Max.		25' Min. 50' Std. 75' Max.	
ANGLE OF DRIVE Y		60°-90°		60°-90°		60°-90°		60°-90°
DIVISIONAL ISLAND (Throat Median)		4'-22' Wide		4'-22' Wide		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.

Δ 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.

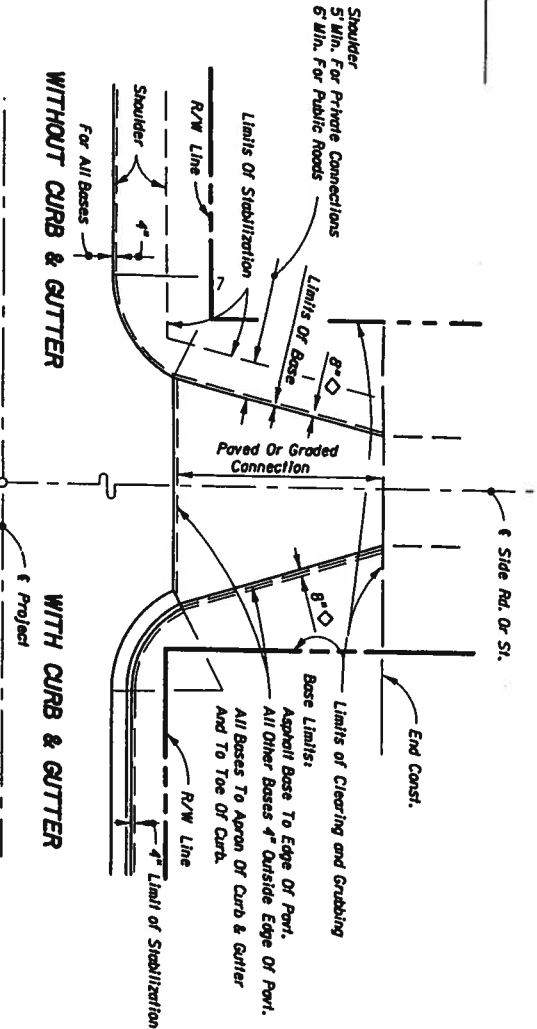
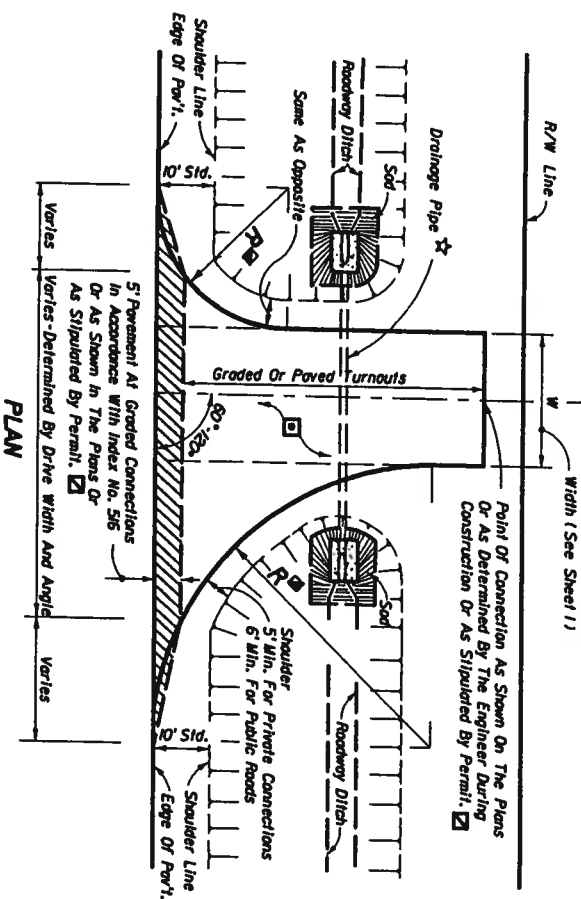
DESIGN NOTES

- 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.



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 ②	Thickness (in.) ①	
		Connections ③	Roadway ④
Structural	Asphaltic Concrete	1"	1½"
Bases	Optional Base (See Index No. 541)	0.8.G.1	0.8.G.3

- ① Minimum thickness.
- ② All materials shall be approved by the Department prior to being placed.
- ③ Connection structure other than traffic lanes. See Notes 1 and 2 below.
- ④ Travel way flares (bypass lanes), auxiliary lanes serving more than a single connection, and all median crossovers including their auxiliary lanes and/or transition tapers. See Notes 1 and 2 below.

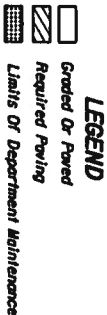
NOTES

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 equivalences 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 flexible 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 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.

PAVEMENT STRUCTURE FOR TURNOUTS AND AUXILIARY LANES

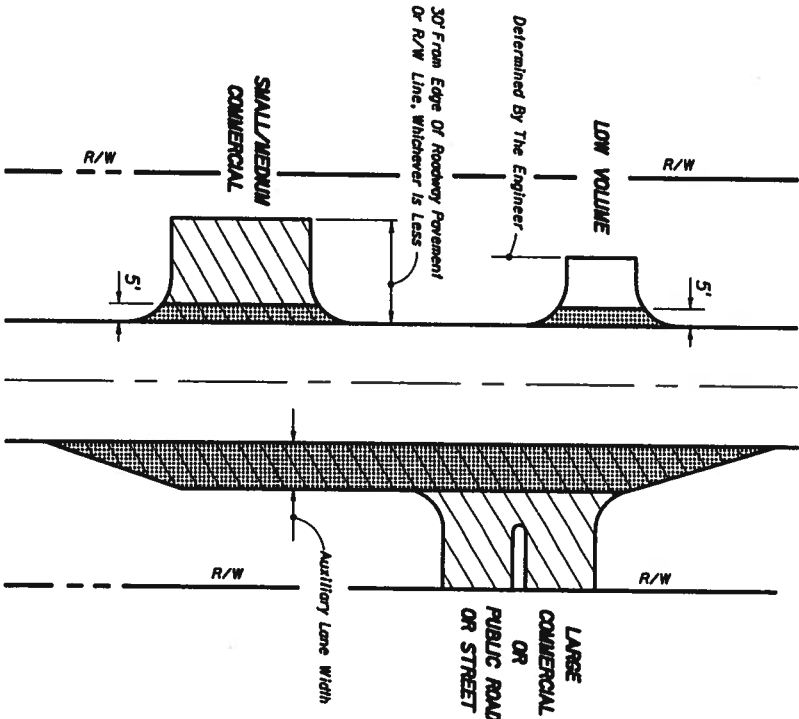
TABLE 515-1

LIMITS OF CONSTRUCTION AND MAINTENANCE FOR RURAL CONNECTIONS



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.



- ☆ 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. 225. Pipe arch or elliptical pipe may be required to obtain necessary cover. At minimal cover applications a modified pavement option is permitted. See "PERMISSIBLE PAVEMENT MODIFICATION" Index No. 273. For spacing between adjacent pipe and treatments see Index No. 273.
- ☐ Stable material may be required for graded turnouts to private property as directed by the Engineer in accordance with Section 102-6 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.

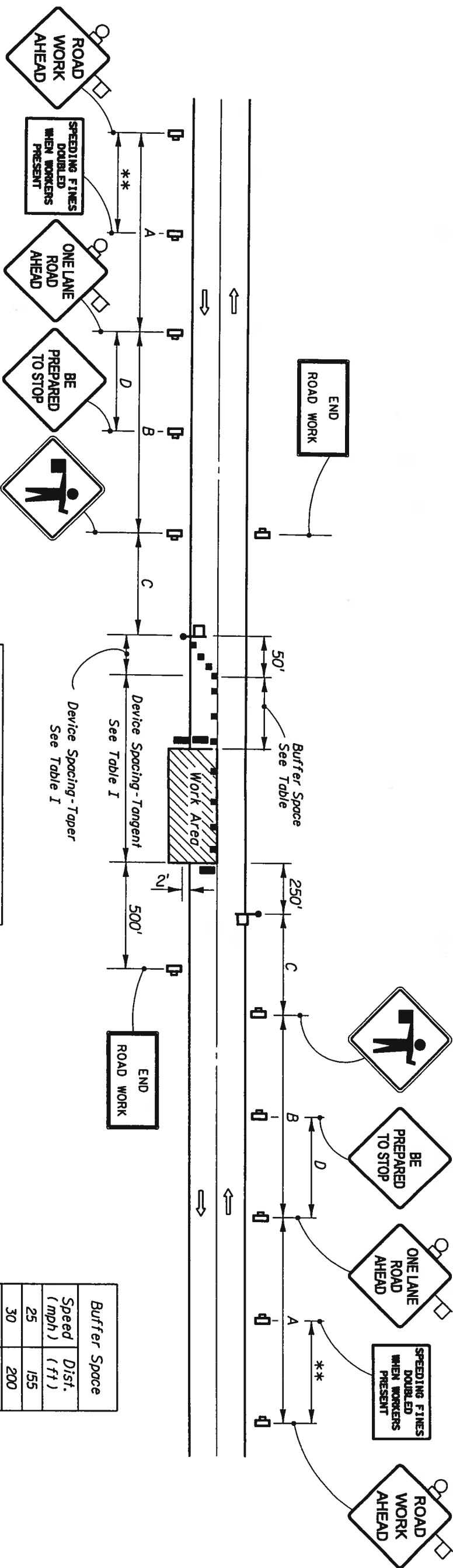
Paved turnouts are to be constructed for all paved connecting facilities. The connecting point will be determined by the Engineer. Paved turnouts are to be constructed for all business, commercial, industrial or high volume residential graded connecting facilities. The connecting point shall be 30' from 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" sheet for return radii lengths and supplemental information.

RURAL TURNOUT CONSTRUCTION





DISTANCE BETWEEN SIGNS				
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.

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

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

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 ENCROACH THE AREA BETWEEN THE CENTERLINE AND A LINE 2' OUTSIDE THE EDGE OF TRAVEL WAY.

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

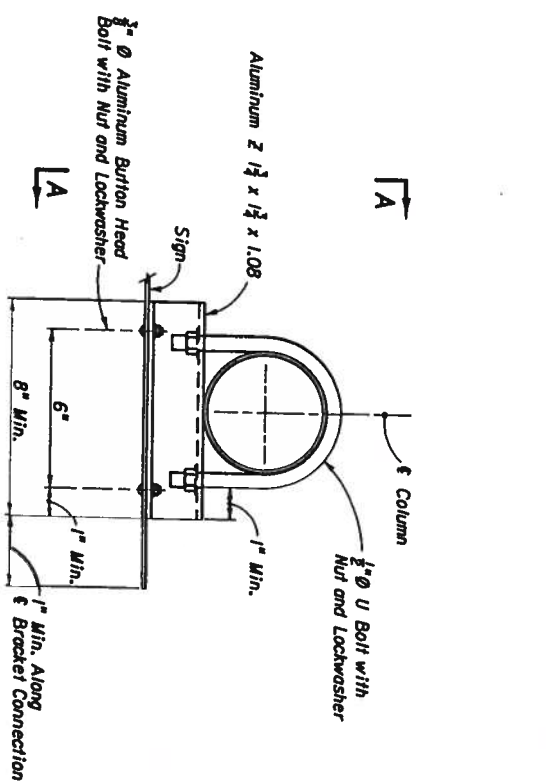
Buffer Space	
Speed (mph)	Dist. (ft)
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645
70	730



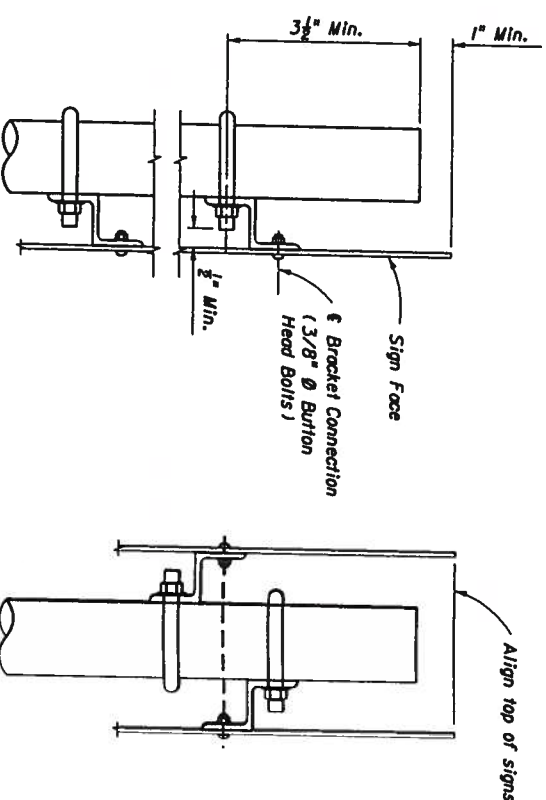
TWO-LANE TWO-WAY, WORK WITHIN THE TRAVEL WAY

2006 FDOT Design Standards

Last Revision 07/01/05
Sheet No. 1 of 1
Index No. 603

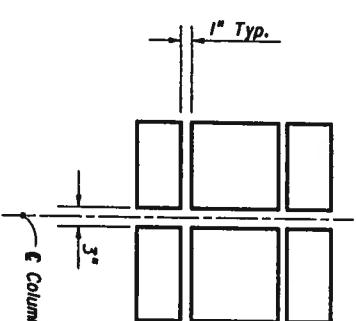


TYPE I BRACKET

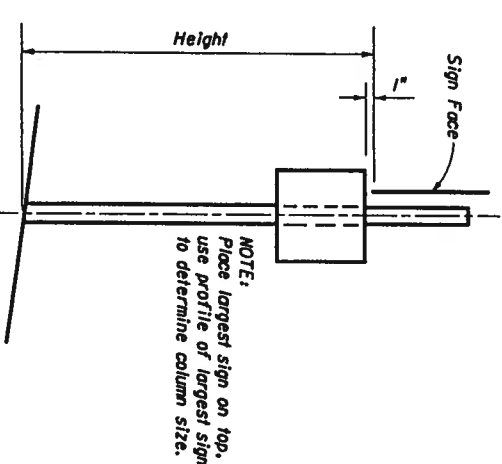


VIEW AA

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

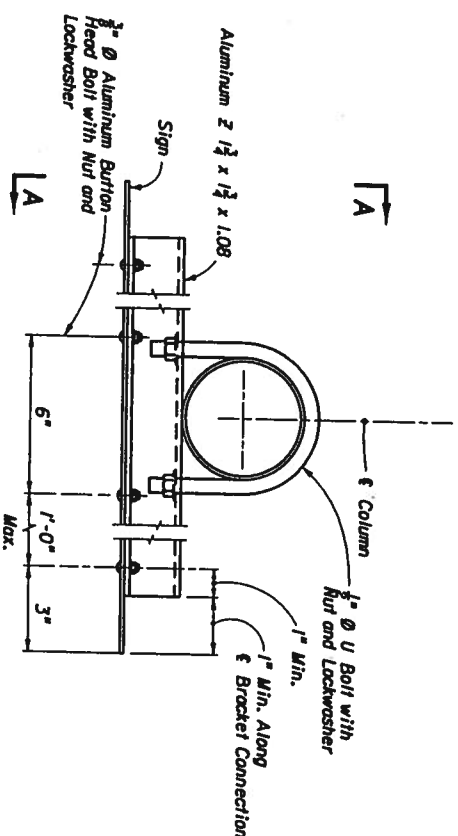


SIGN CLEARANCE

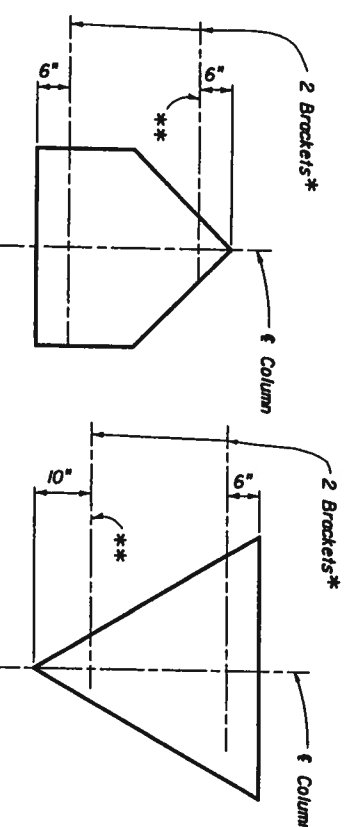


NOTE: Place largest sign on top, use profile of largest sign to determine column size.

SIGNS AT 90°

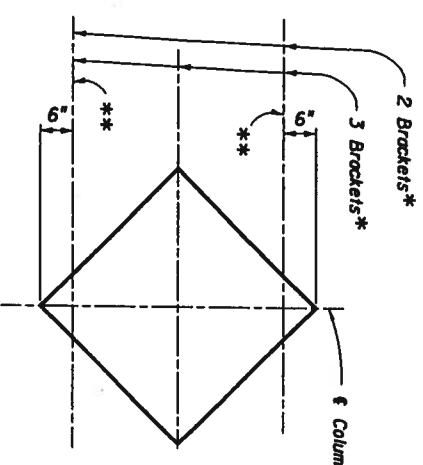


TYPE II BRACKET (SINGLE SIGN)



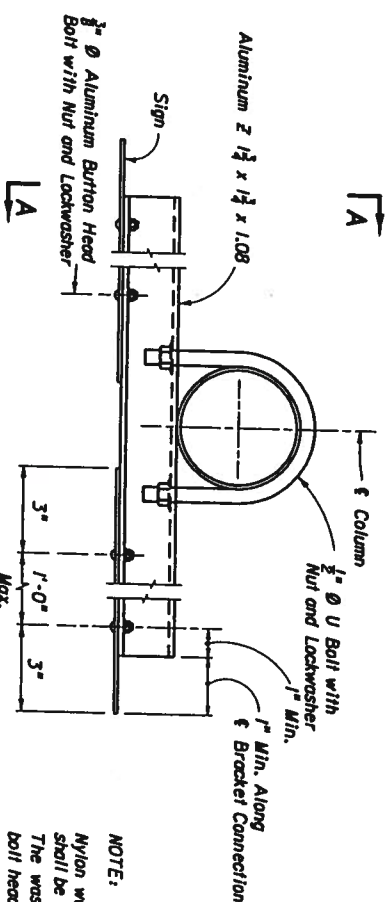
SCHOOL

YIELD



DIAMOND

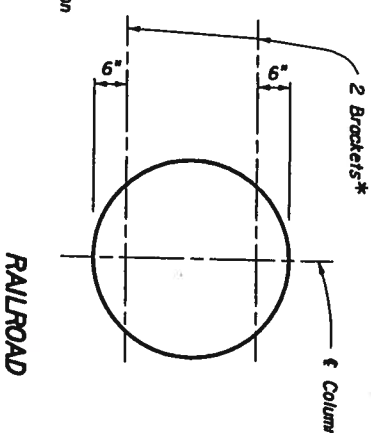
SHIELD



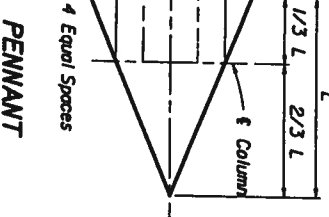
TYPE II BRACKET (DOUBLE SIGNS)

NOTE: 3/8" Ø Stainless Steel Hex Head Bolts with Flat Washer under Head and Lockwasher under Nut may be used in lieu of 1/2" Ø Aluminum Bolt with Nut and Lockwasher.

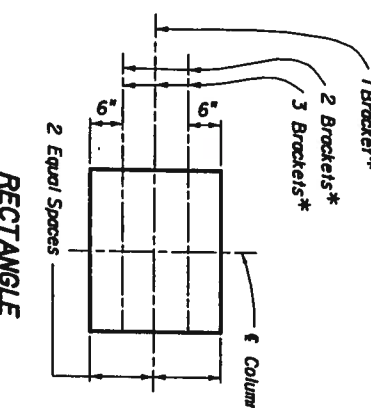
NOTE: Nylon washers provided by the sheeting supplier shall be used on all ground mounted signs. The washers shall be installed under the sign bolt head to protect the sheeting.



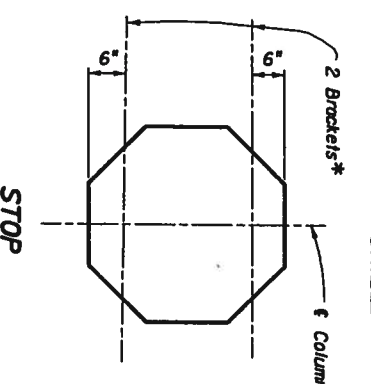
RAILROAD



PENNANT



RECTANGLE



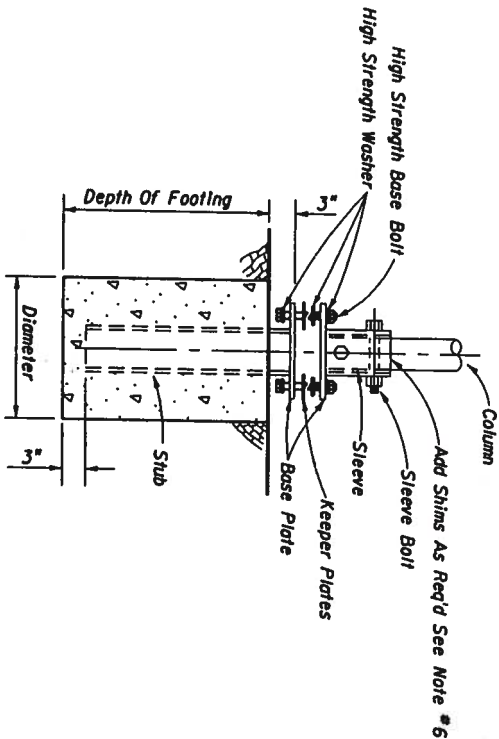
STOP

BRACKET LOCATIONS (SEE VIEW AA)

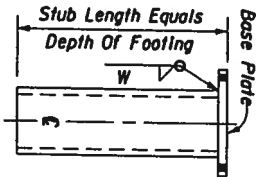
* NOTE: The above Bracket locations apply at the 1/2" of Bracket-Sign Connection (3/8" Ø Bolt Head Bolts). See View AA. The locations also apply at Double Signs configurations. When installing back-to-back signs the topmost bracket location of one of the signs will require adjustment as shown on the above detail.

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





SUP BASE AND FOOTING DETAIL

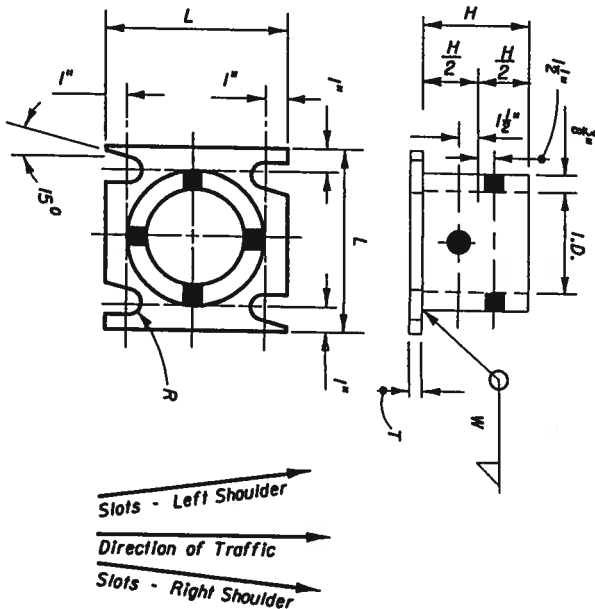


Stub Size Equals Min. Sleeve Size Or Larger
STUB DETAIL

SUP BASE DETAILS

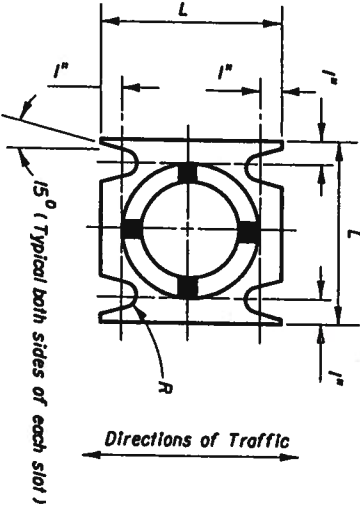
Note: Unless noted otherwise, all dimensions are in inches

Column Size	Sleeve I.D. (Max)	Sleeve Height H	Weld W	Base Plate L	Base Plate T	Radius R	Base Bolt Size	Base Bolt Length	Base Bolt Torque FT-lbs	Base Bolt Torque In-lbs	Hole Size A
4 x 4	4 1/8	6	3/8	8	3/4	11/16	3/8	3	29	345	11/16
4 1/2 x 4 1/2	4 3/8	6	3/8	8	3/4	11/16	3/8	3 1/4	29	345	11/16
5 x 4	5 1/8	7	3/8	8	3/4	11/16	3/8	3 1/4	29	345	11/16
6 x 4	6 1/8	8	3/8	9	1	1 1/16	3/4	3 1/2	46	554	1 1/8
8 x 8	8 1/8	10	3/4	11	1	1 5/16	3/4	3 3/4	53	640	1 1/8



SLEEVE & BASE PLATE DETAILS (SINGLE BEVELED SLOT)

(Right Shoulder Shown)
For Left Shoulder, Plate Slot Bevels are opposite hand from that shown.

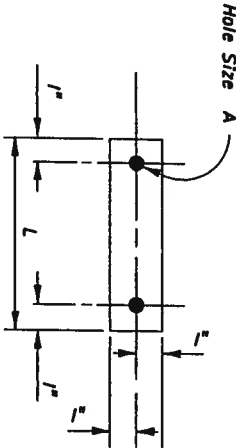


SLEEVE & BASE PLATE DETAILS (DOUBLE BEVELED SLOTS)

(Right Shoulder Shown)
For Left Shoulder, Plate Slot Bevels are opposite hand from that shown.

SUP BASE NOTES :

1. The inside Diameter (I.D.) of the sleeve shall be no more than 1/8" larger than the Outside Diameter (O.D.) of the Column.
2. The sleeve bolts shall be 1/2" Ø with locknuts. The bolts shall be galvanized steel (ASTM A-307) or Aluminum Association Alloy 2024-T4 or 6061-T6 (ASTM B-211).
3. The base bolts, nuts and washers shall be high strength ASTM A-325 and shall have an electrolapplied zinc coating SC3, Type II applied in accordance with ASTM B633.
4. An alternate cast base of aluminum alloy 356 and T6 temper in lieu of the fabricated base may be submitted for approval by the Engineer. If a cast base is used the stub will be the same as the column and will be bolted to the casting.
5. Assemble the slip base connection in the following manner :
Connect column to sleeve using two (2) 1/2" Ø machine bolts.
Assemble top base plate to stub base plate using high strength bolts with three (3) hardened washers per bolt. One (1) washer per bolt and two (2) bolt keeper plates go between the base plates.
Use shim stock as required to plumb the column.
Tighten all bolts the maximum possible with a 12" to 15" wrench to bed the washers and shims and to clear the bolt threads. Loosen each bolt one (1) turn and retighten to the prescribed torque (see table 1). Bolts shall be tightened with properly calibrated wrenches under the supervision of the project engineer.
Burr threads at junction with nut using a center punch to prevent nut loosening.
6. Use galvanized steel shims to obtain a tight fit between the column face and the sleeve. Place shims in all quadrants between the 1/2" Ø sleeve bolts. The shim length shall be 1" shorter than the height of the sleeve.
7. Base plates may be either fabrications or castings and may have either single or double beveled slots.
8. Both fabricated and cast base assemblies were impact tested by the Texas Transportation Institute, College Station, TX on February 10, 2003, and both alternate assemblies were determined to be compliant with the performance recommendations of the National Cooperative Highway Research Program (NCHRP) Report 350.



0.0149" Thick Alum. Strip-2 Req'd Per Base
BOLT KEEPER DETAIL



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 depressed, etched, neutralized and treated with Aldofine 1200, Irdine H-2, Bonderite 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 chrome 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 6062-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,
Glickrist, 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, Glades, Gulf, Hardee, Hendry, Hernando,
Highlands, Hillsborough, Levy, Nassau, Okaloosa,
Okeechobee, Orange, Osceola, Pasco, Pinellas,
Polk, Santa Rosa, Seminole, St. Johns, Taylor,
Wakulla, and Walton Counties.

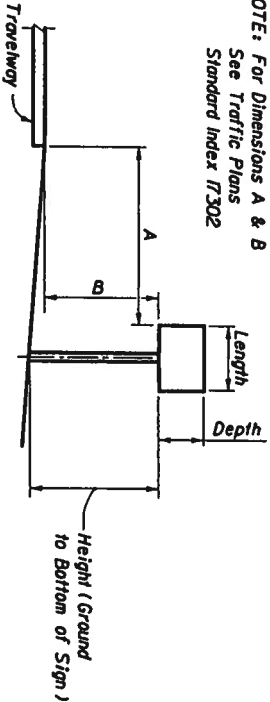
ZONE NO. 3 (80 mph)

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

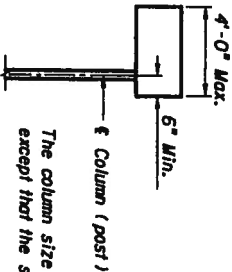
ZONE NO. 4 (90 mph)

Broward, Dade, and Monroe Counties

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



TYPICAL SECTION



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



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
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
Sign Identification Number	HEIGHT (Feet)								
	1 (-)	10 (-)	15 (-)	20 (-)	20 (-)	25 (-)	10 (-)	10 (-)	10 (-)
1	15	15	20	20	25				
2			17	17	22	25			
3			13	13	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	23	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		
36			9	9	12	12	25		
37				11	11	21	21	25	
38				11	11	20	20	25	25
39				9	9	18	18	23	25
40									
41						14	14	18	18
42						12	12	16	16
43								20	20
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			
49		14	14	18	18	25			
50		13	13	18	18	25			
51			18	18	25				
52		13	13	17	17	25			

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	
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	
Sign Identification Number	HEIGHT (Feet)									
	1 (-)	10 (-)	1 (-)	10 (-)	1 (-)	10 (-)	1 (-)	10 (-)	1 (-)	
53			13	13	16	16	24	24	25	
54				13	16	16	24	24	25	
55				12	15	15	23	23	25	
56				11	13	13	21	21	25	
57				11	13	13	21	21	25	
58				11	13	13	20	20	25	
59				11	13	13	20	20	25	
60				10	12	12	20	20	25	
61				10	13	13	19	19	25	
62				9	12	12	17	17	25	
63					12	12	17	17	25	
64				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										
72				9	9	14	14	25		
73				9	9	13	13	25		
74										
75				7	7	12	12	24	25	
76				7	7	12	12	23	25	
77					11	11	23	23	25	
78				7	7	12	12	24	25	
79										
80					10	10	19	19	23	
81					9	9	18	18	23	
82										
83										
84										
85										
86						15	15	19	19	
87						13	13	17	17	
88				SEE NOTE INDEX NO 11860						
89										
90										
91										

- NOTES**
1. Work this Standard with Standard Index Numbers 11860 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 11865.
 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-fragible 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) Fragible 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.

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.



SINGLE COLUMN GROUND SIGNS

COLUMN SIZE , COLUMN HEIGHT & COLUMN FOOTINGS

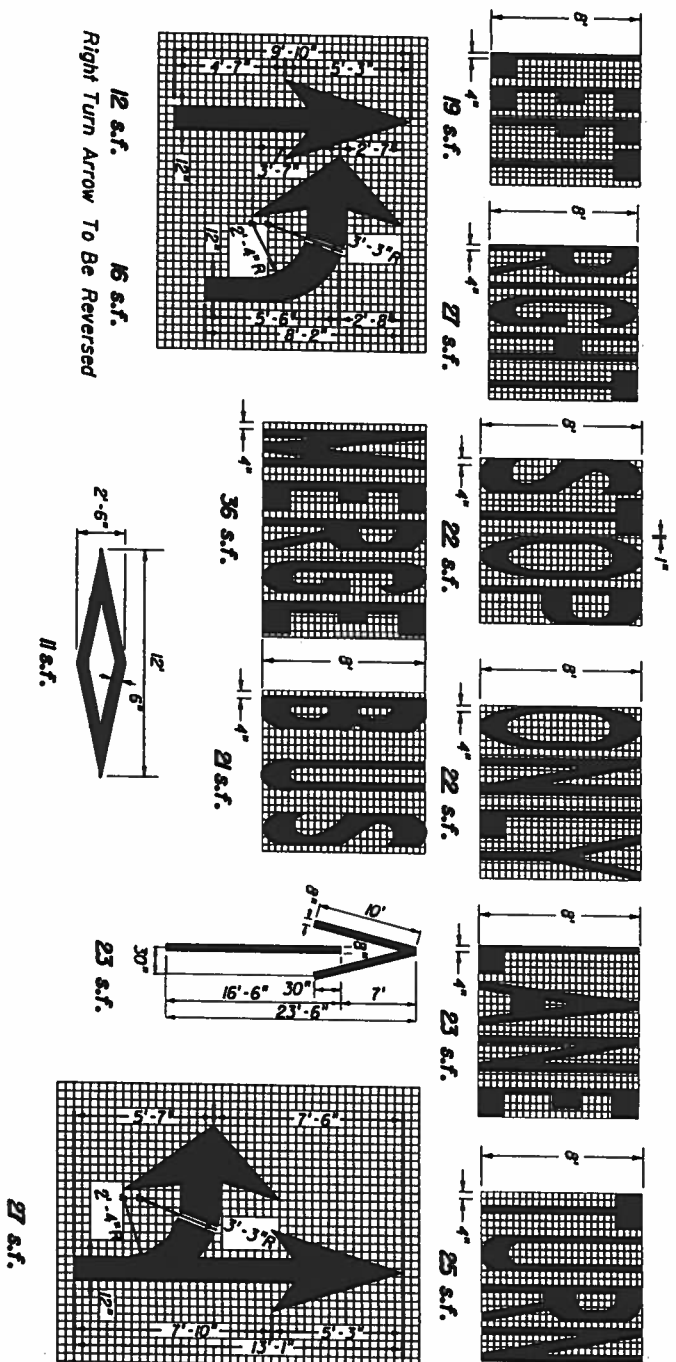
60 WIND LOADING

M.P.H.

2006 FDOT Design Standards

Last Revision 07/01/05 Sheet No. 1 of 1

Index No. 11861

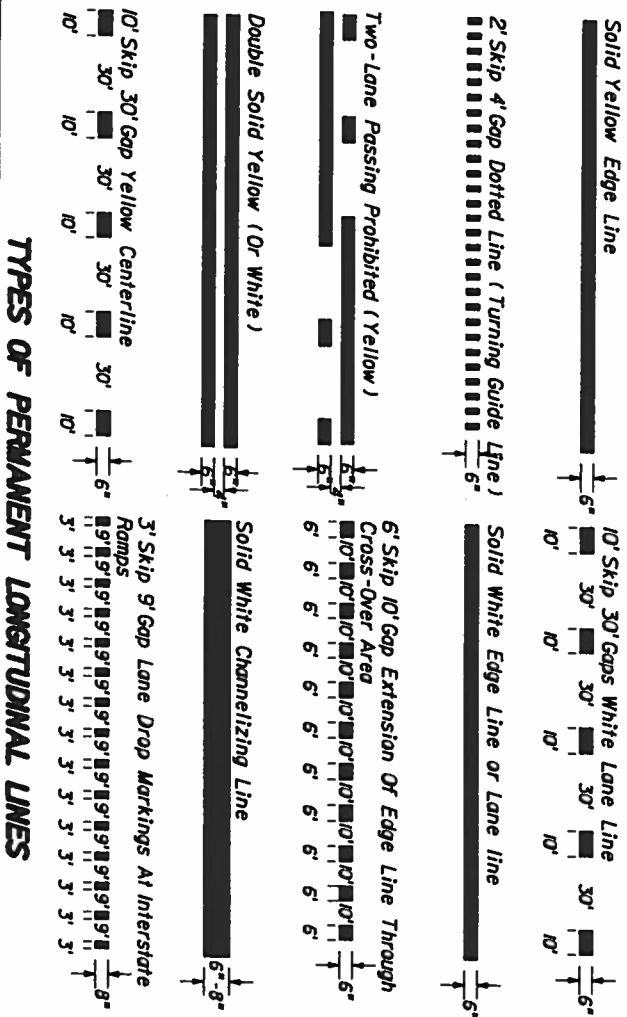


NOTE: When arrow and pavement message are used together, the arrow shall be located down stream of the pavement message and shall be separated from the pavement message by a distance of 25' (Base of the arrow to the base of the message). Stop message shall be placed 25' from back of stop line.

DIMENSIONS ARE WITHIN 1" ±

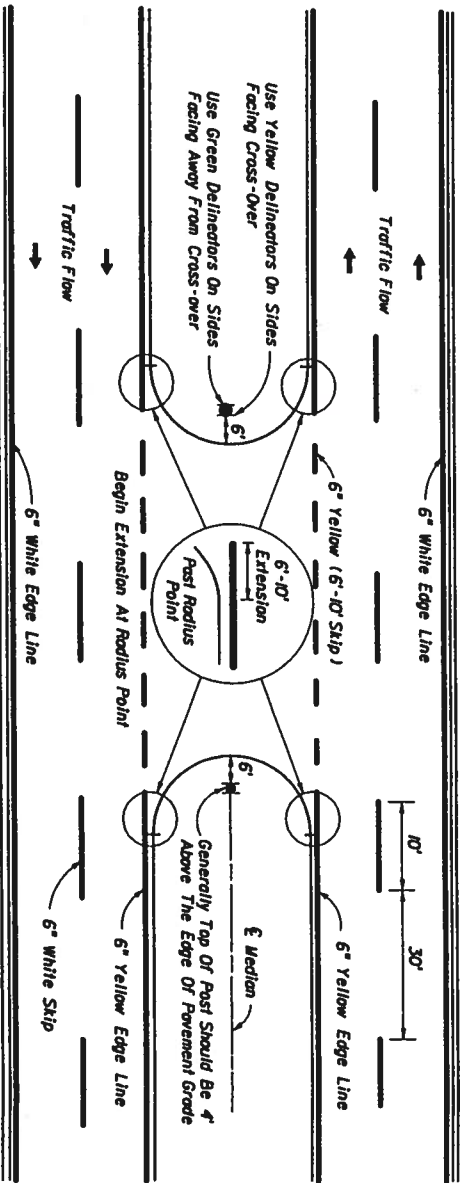
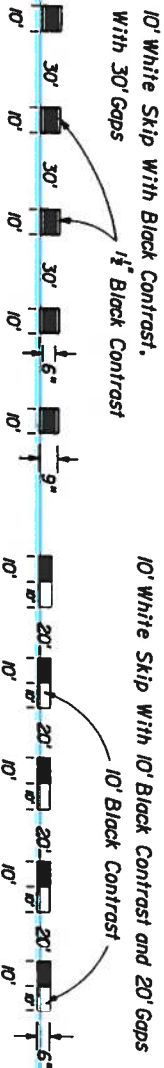
PAVEMENT ARROW AND MESSAGE DETAILS

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.



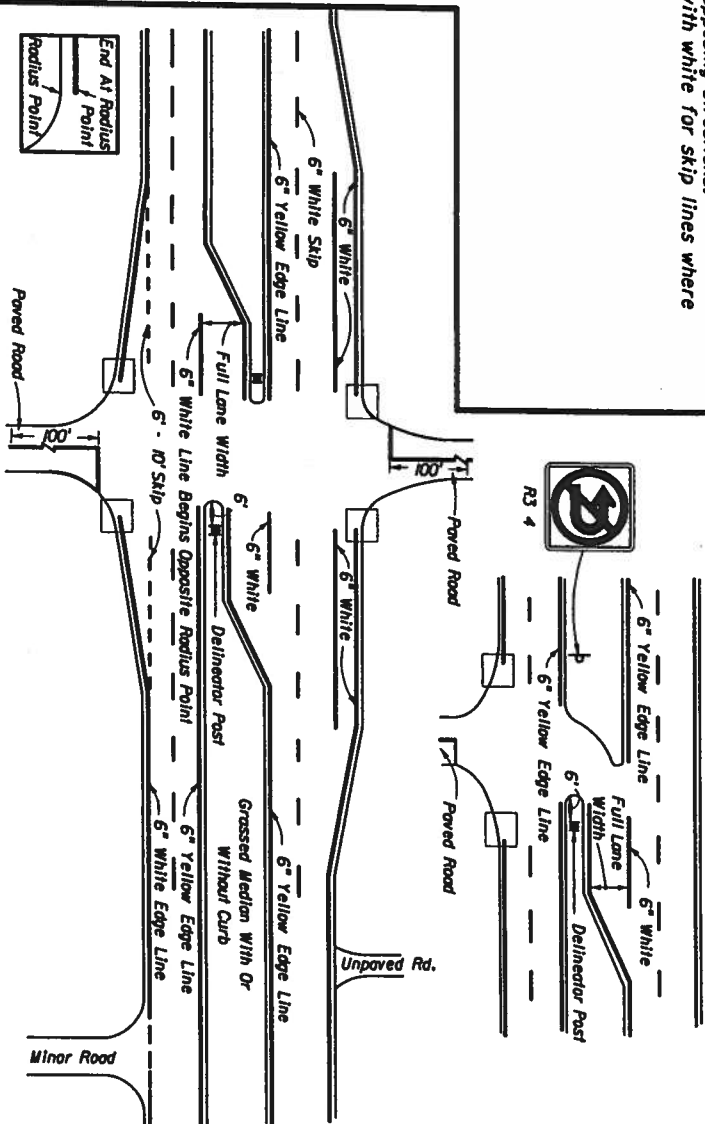
TYPES OF PERMANENT LONGITUDINAL LINES

CONTRAST MARKINGS



PAVEMENT MARKINGS AND DELINEATORS FOR MEDIAN CROSS-OVER

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



PAVEMENT MARKINGS FOR INTERSECTIONS WITH MAJOR AND MINOR ROADS

PLACEMENT OF EDGE LINES

