

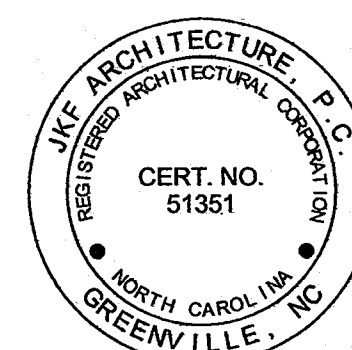
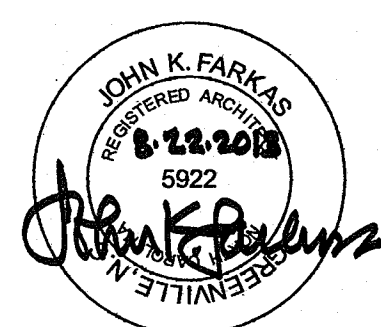
CONSTRUCTION DRAWINGS FOR:

NC DEPARTMENT OF TRANSPORTATION

CURRITUCK WELCOME CENTER

TOWN OF CURRITUCK, N.C.

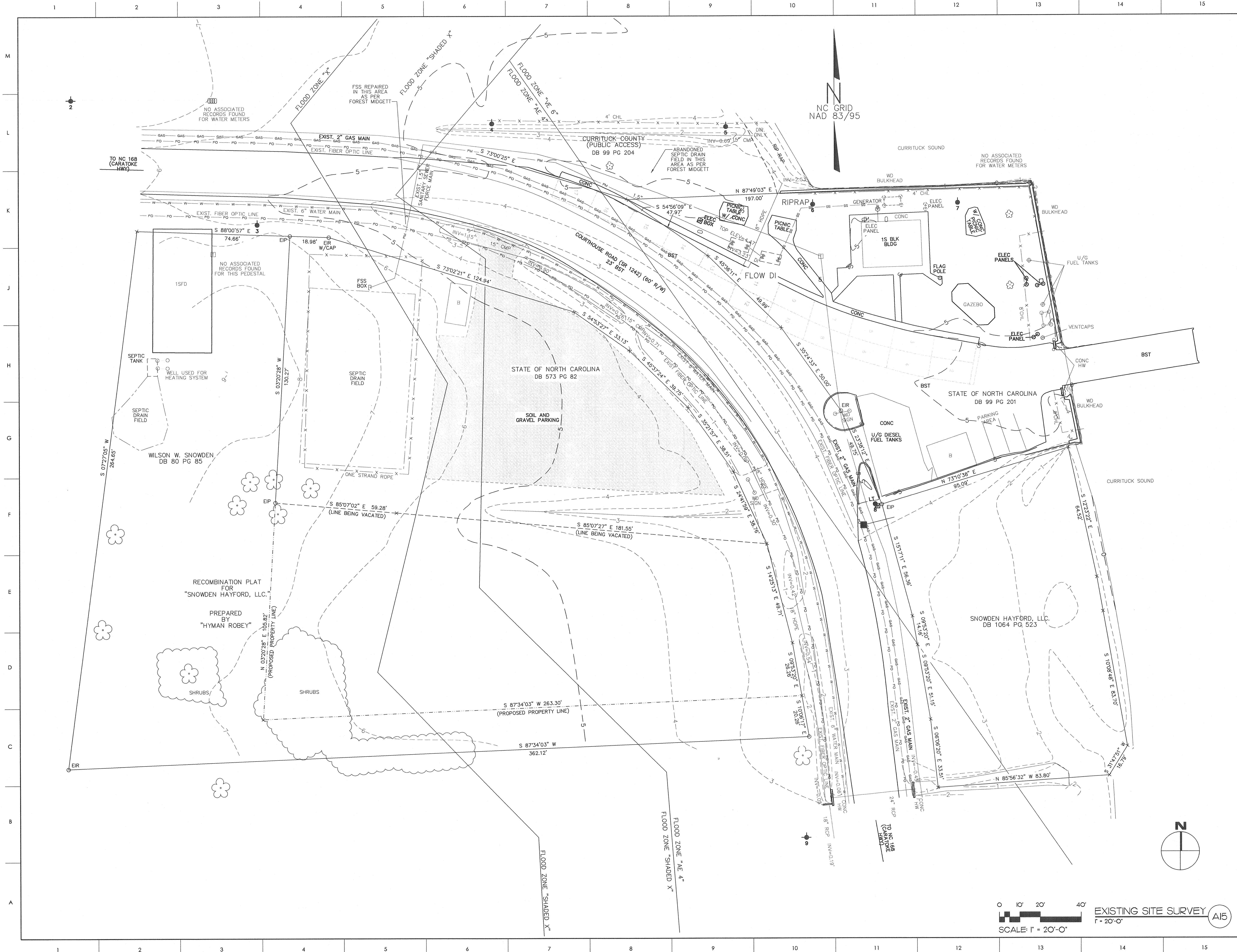
SCO ID #120956301; CODE 84210; ITEM 7826
JKF PROJECT NO. 2013-04
JUNE 26, 2013



NESER & ROOMSBURG, PA
STRUCTURAL ENGINEERS
748 LORD DUNMORE DRIVE, STE. 101
VIRGINIA BEACH, VA 23464
757-474-0612

PROGRESSIVE DESIGN
COLLABORATIVE, Ltd.
MECHANICAL & ELECTRICAL ENGINEERS
2900 ROWLAND ROAD, SUITE 100
RALEIGH, NC 27615
919-790-9989

RIVERS & ASSOCIATES, INC.
CIVIL ENGINEERS
107 EAST SECOND STREET
GREENVILLE, NC 27858
252-752-4135



GENERAL NOTES

1. EXISTING CONDITIONS SURVEY PROVIDED BY NCDOT.

UTILITY PROVIDERS

Rivers & Associates, Inc.
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Landscape Architects
107 East Second Street
Greenville, NC 27858
(252) 752-4135
www.riversandassociates.com
License No: F-0334

SCO ID #120956301; CODE 84210; ITEM 7826

NO	REVISION	DATE
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SEAL
NORTH CAROLINA
PROFESSIONAL
SEAL
17376
ENGINEER
DIAMOND TYPING
J. K. F.
3-21-13

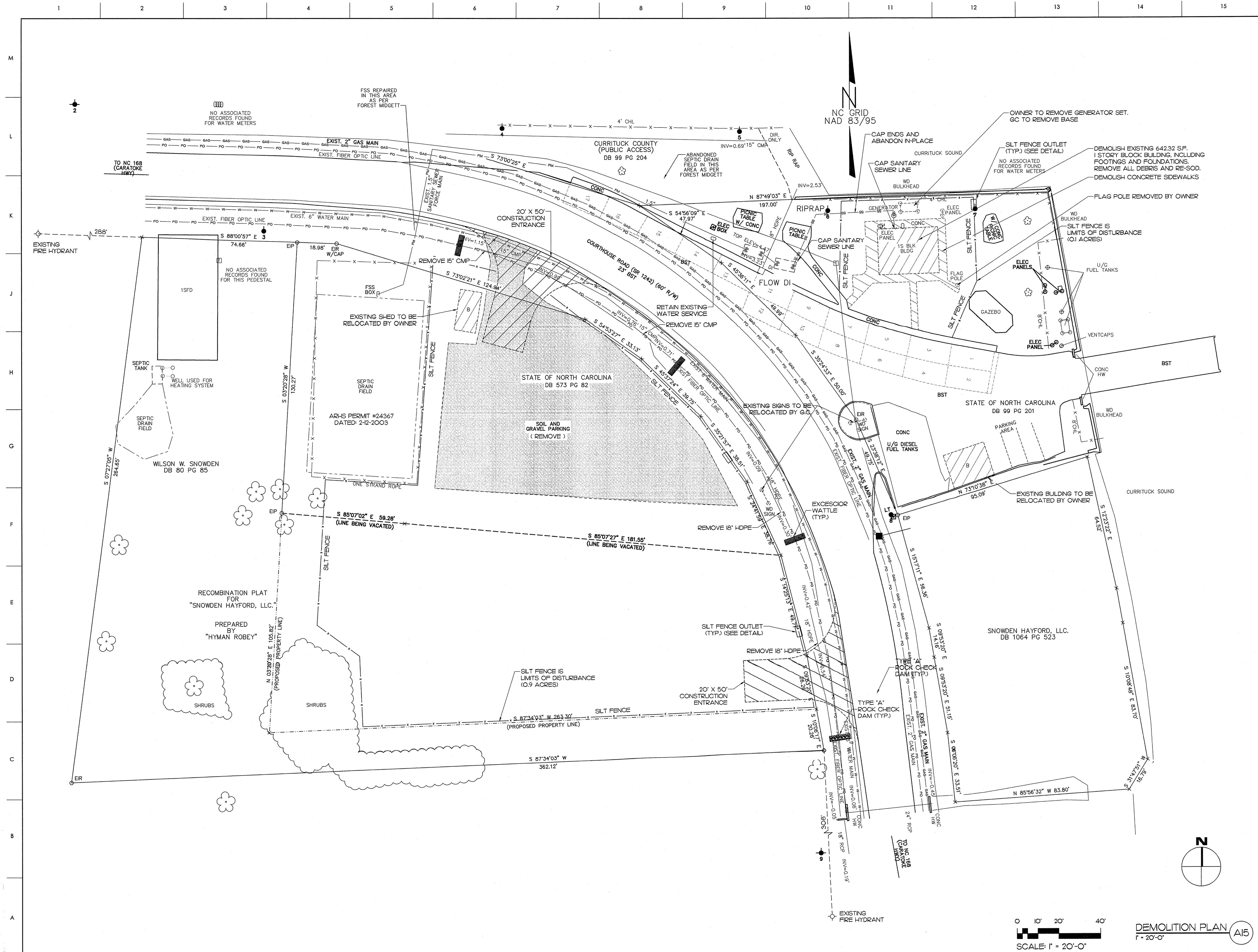
J K F
ARCHITECTURE

P.O. BOX 20462 GREENVILLE, NC 27858 PHONE 252-355-1068

NC DEPARTMENT OF
TRANSPORTATION
CURRITUCK WELCOME CENTER
TOWN OF CURRITUCK, NC

DRAWING TITLE
EXISTING SITE SURVEY

SCALE 1" = 20'-0"	DRAWING NO. VII
DRAWN JHT	
CHECKED FDT	
DATE 6-26-2013	
PROJECT NO. 2013-04	



GENERAL NOTES

AREA TO BE DEMOLISHED

10,716.2 SF	GRAVEL LOT
642.32 SF	1 STORY BLOCK BUILDING
701.62 SF	CONCRETE SIDEWALK
11,515.56 SF	TOTAL

UTILITY PROVIDERS

ELECTRIC - DOMINION N.C. POWER
1-866-366-4357

NATURAL GAS - EASTERN N.C. NATURAL GAS
1-877-279-3636

TELEPHONE - EMBARGO
1-877-774-4416

WATER - CURRITUCK COUNTY WATER DEPT.
252-232-3732

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SCO ID #120956301; CODE 84210; ITEM 7826

NO	REVISION	DATE

SEAL

JOHN K. FARKAS, P.E.
PROFESSIONAL ENGINEER
SEAL 17376
12-12-14

JKF
ARCHITECTURE

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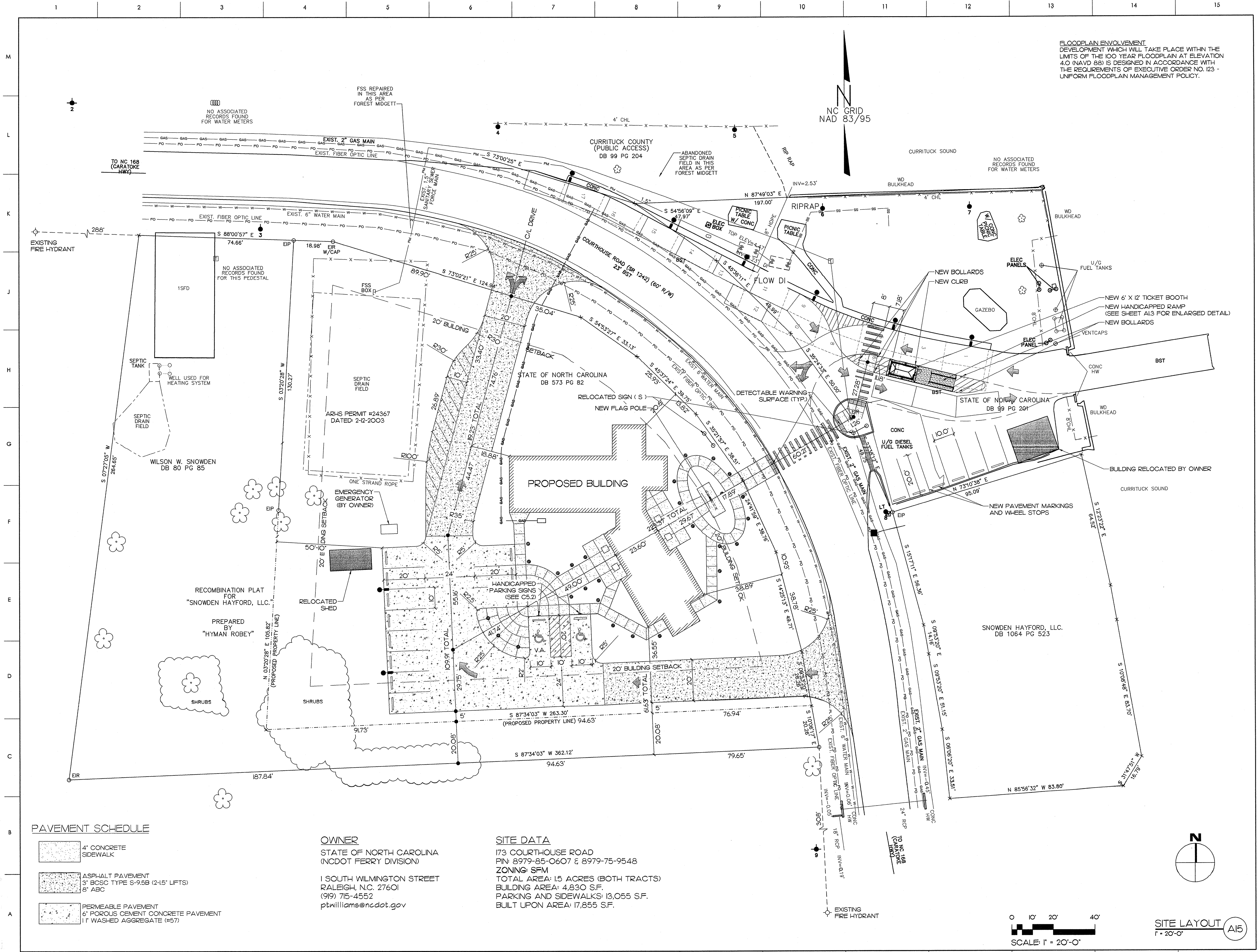
NC DEPARTMENT OF TRANSPORTATION
CURRITUCK WELCOME CENTER
TOWN OF CURRITUCK, NC

DRAWING TITLE
DEMOLITION AND EROSION CONTROL PLAN

SCALE 1" = 20'-0"	DRAWING NO. C.I.
DRAWN JHT	
CHECKED FDT	
DATE 6-26-2013	
PROJECT NO. 2013-04	

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Scanned 9/12/14



GENERAL NOTES

FLOODPLAIN INVOLVEMENT
DEVELOPMENT WHICH WILL TAKE PLACE WITHIN THE
LIMITS OF THE 100 YEAR FLOODPLAIN AT ELEVATION
4.0 (NAVD 88) IS DESIGNED IN ACCORDANCE WITH
THE REQUIREMENTS OF EXECUTIVE ORDER NO. 123 -
UNIFORM FLOODPLAIN MANAGEMENT POLICY.

UTILITY PROVIDERS

ELECTRIC - DOMINION NC. POWER
1-866-366-4357
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1-877-279-3636
TELEPHONE - EMBARK
1-877-774-4416
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NO REVISION DATE

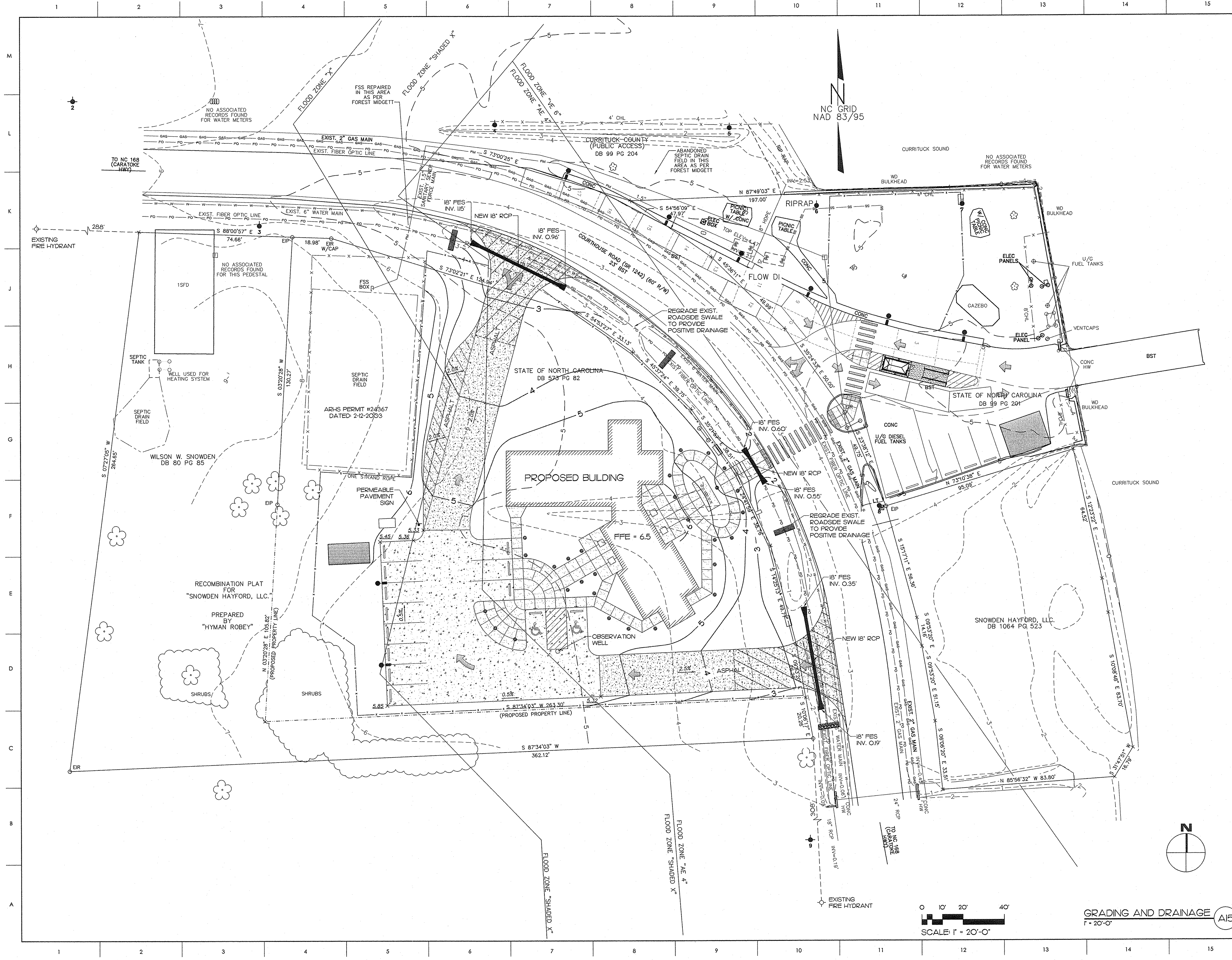
JKF
ARCHITECTURE
P.O. BOX 20462 GREENVILLE, NC 27858 PHONE 252-355-1048
NORTH CAROLINA
PROFESSIONAL
SEAL
17376
ENGINEER
HOWARD TYSON
7-12-14

NC DEPARTMENT OF
TRANSPORTATION
CURRITUCK WELCOME CENTER
TOWN OF CURRITUCK, NC

DRAWING TITLE
SITE LAYOUT

SCALE
1" = 20'-0"
DRAWN
JHT
CHECKED
FDT
DATE
6-26-2013
PROJECT NO.
2013-04

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- GENERAL NOTES**
1. CONTACT NC 811 TO HAVE ALL UNDERGROUND UTILITIES LOCATED PRIOR TO EXCAVATING OR TRENCHING.
 2. PARKING SHALL BE STRIPED IN ACCORDANCE WITH PLAN.
 3. PROPOSED PROJECT WILL UNCOVER MORE THAN (1) ACRE. A SOIL EROSION AND SEDIMENTATION CONTROL PLAN SHALL BE APPROVED BY NCDOT PRIOR TO INITIATION OF ANY LAND DISTURBING ACTIVITIES. ONCE APPROVED, THE DEPARTMENT OF TRANSPORTATION WILL ASSIGN AN INSPECTOR TO THIS PROJECT.
 4. THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION HOLDS A VALID NPDES PERMIT FOR POST CONSTRUCTION STORMWATER CONTROL. NCDOT IS NOT REQUIRED TO COMPLY WITH LOCAL / MUNICIPAL STORMWATER CONTROL REQUIREMENTS.

UTILITY PROVIDERS

LEGEND

SPOT ELEVATION	X 5.70
TOP OF WALK OR PAVEMENT	TW / TP
PARKING LOT LIGHTS	●
STORM DRAIN	—
FES	—
SLT FENCE	—
PROP. MAJOR CONTOUR	—
PROP. MINOR CONTOUR	—

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NO	REVISION	DATE

J K F
ARCHITECTURE

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NC DEPARTMENT OF TRANSPORTATION
CURRITUCK WELCOME CENTER
TOWN OF CURRITUCK, NC

DRAWING TITLE
GRADING AND DRAINAGE

SCALE
1" = 20'-0"

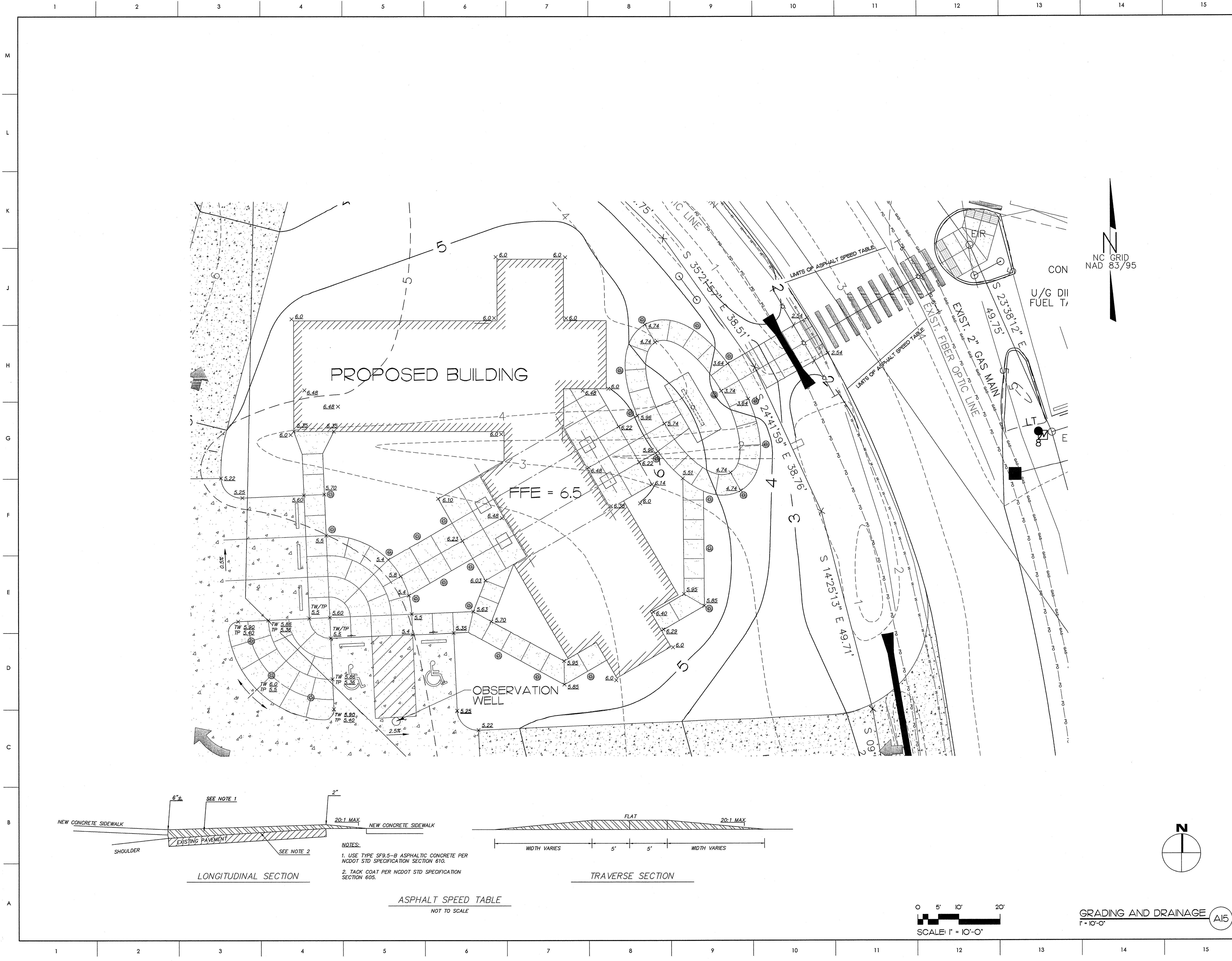
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C3.1

DRAWN
JHT

CHECKED
FDT

DATE
6-26-2013

PROJECT NO.
2013-04



- GENERAL NOTES
1. CONTACT NC 811 TO HAVE ALL UNDERGROUND UTILITIES LOCATED PRIOR TO EXCAVATING OR TRENCHING.
 2. PARKING SHALL BE STRIPED IN ACCORDANCE WITH PLAN.
 3. PROPOSED PROJECT WILL UNCOVER MORE THAN (1) ACRE. A SOIL EROSION AND SEDIMENTATION CONTROL PLAN SHALL BE APPROVED BY NCDOT PRIOR TO INITIATION OF ANY LAND DISTURBING ACTIVITIES.
 4. STORMWATER NOTE

UTILITY PROVIDERS

LEGEND

SPOT ELEVATION	x 5.70
TOP OF WALK OR PAVEMENT	TW / TP
PARKING LOT LIGHTS	●
STORM DRAIN	—
FES	—
SILT FENCE	—
PROP. MAJOR CONTOUR	—
PROP. MINOR CONTOUR	—

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NO	REVISION	DATE

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J K F
ARCHITECTURE

7-12-14

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NC DEPARTMENT OF
TRANSPORTATION
CURRITUCK WELCOME CENTER
TOWN OF CURRITUCK, NC

DRAWING TITLE
GRADING AND DRAINAGE DETAIL

SCALE
1" = 10'-0"

DRAWING NO
C3.2

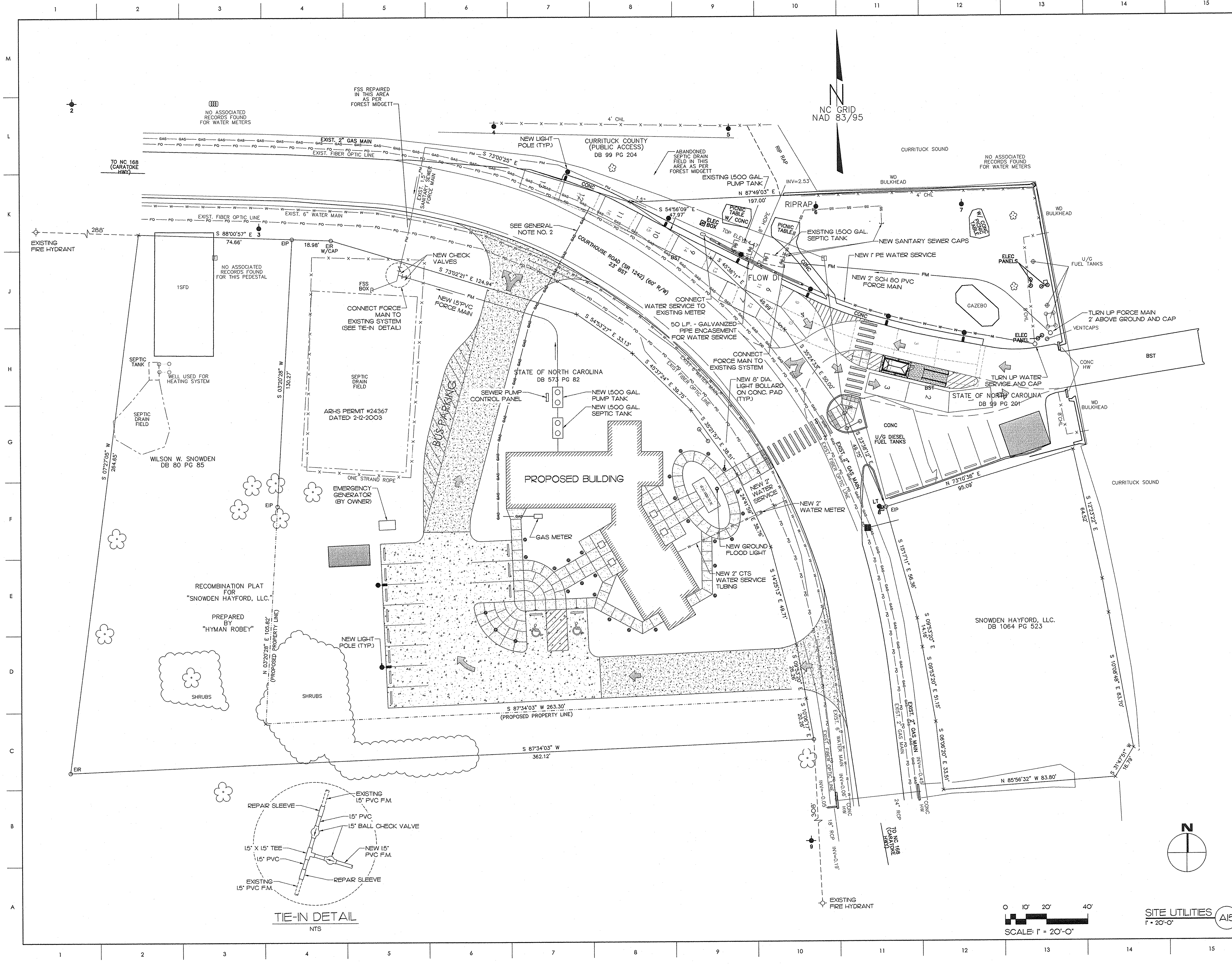
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FDT

DATE
6-26-2013

PROJECT NO.
2013-04

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GENERAL NOTES

1. ALL UNDERGROUND LINES OUTSIDE BUILDING FOOTPRINT, EXCEPT LAWN IRRIGATION LINES, SHALL HAVE A WARNING TAPE INSTALLED IN THE BACKFILL BETWEEN 6 INCHES TO 24 INCHES BELOW FINISHED GRADE, DIRECTLY OVER PIPE.

A) METALIC LINES SHALL BE IDENTIFIED WITH PRINTED DURABLE PLASTIC WARNING TAPES, MINIMUM 3" WIDE, WITH LETTERING TO IDENTIFY BURIED LINE BELOW.

B) NON-METALIC PIPES, OTHER THAN GAS LINES, SHALL BE IDENTIFIED BY DETECTABLE WARNING TAPES, MINIMUM 2" WIDE, WITH LETTERING TO IDENTIFY BURIED LINES BELOW.

C) GAS LINES SHALL BE IDENTIFIED BY AN INSULATED COPPER TRACER WIRE INSTALLED ADJACENT TO PIPE. ACCESS TO BE PROVIDED TO THE TRACER WIRE AT EACH END OF THE PIPE.

2. NATURAL GAS SERVICE TO BE INSTALLED BY EASTERN N.C. NATURAL GAS UPON APPLICATION AND PAYMENT OF FEES BY GENERAL CONTRACTOR.

UTILITY PROVIDERS

ELECTRIC - DOMINION N.C. POWER
1-866-366-4357

NATURAL GAS - EASTERN N.C. NATURAL GAS
1-877-279-3636

TELEPHONE - EMBARGO
1-877-774-4416

WATER - CURRITUCK COUNTY WATER DEPT.
252-232-3732

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NO	REVISION	DATE

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ARCHITECTURE

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NC DEPARTMENT OF TRANSPORTATION
CURRITUCK WELCOME CENTER
TOWN OF CURRITUCK, NC

DRAWING TITLE

SITE UTILITIES

SCALE

1" = 20'-0"

DRAWN

JHT

CHECKED

FDT

DATE

6-26-2013

PROJECT NO.

2013-04

DRAWING NO.

C4.1

EROSION CONTROL PROVISIONS

1. No Person May Initiate A Land Disturbing Activity Before Notifying The Erosion Control Officer Of The Date That The Land Disturbing Activity Will Begin.
2. Land Disturbing Activity Beyond That Required To Install Appropriate Erosion Control May Not Proceed Until Erosion Control Measures Are Inspected And Approved.
3. Scheduling Of A Pre-construction Conference With The Erosion Control Inspector may be Required Prior To Initiating Land Disturbing Activities.
4. Install Silt Fence, Outlets And Wattles As Shown On Plans.
5. Provide 20' X 50' X 6" Stone Construction Entrances As Shown On Plan.
6. Seed Or Otherwise Provide Ground Cover Devices Or Structures Sufficient To Restrain Erosion For All Exposed Slopes Within 7 Days Of Completion Of Any Phase Of Grading on perimeter areas and slopes steeper than 3:1. All other areas shall be stabilized within 14 days.
7. Contractor Shall Inspect And Maintain As Needed All Erosion Control Devices On A Weekly Basis And After Each Major Storm Event. Failure To Keep All Erosion Control Devices In Proper Working Order May Result In A Stop Work Order Or Civil Penalties Up To \$5000.00 Per Day Of Violation.
8. The Engineer Reserves The Right To Require Additional Erosion Control Measures Should The Plan Or Its Implementation Prove To Be Inadequate.
9. Acceptance And Approval Of This Plan Is Conditioned Upon Your Compliance With Federal And State Water Quality Laws, Regulation And Rules.

EROSION CONTROL MEASURES

1. All work will be done in accordance with the Sedimentation Control Act of 1973 and the North Carolina Department of Environment and Natural Resources. No land disturbing activity beyond that required to install the appropriate erosion control measures may proceed until measures are inspected and approved.
2. Prior to demolition operations, silt fence and straw wattles shall be installed as shown on the construction drawings.
3. Paved drives shall have stone base placed on them for stabilization and shoulders shall be seeded to stabilize the soil. Seed bed preparation shall be conducted according to North Carolina Department of Transportation Standard Specifications for Roads and Structures (D.O.T.). The ground surface shall be cleared of stumps, stones, roots, cables, wire, grade stakes, and other materials that might hinder proper grading, tillage, seeding or subsequent maintenance operations. Grades on the area to be seeded shall be maintained in a true and even condition. Maintenance shall include any necessary repairs to previously graded areas. All graded areas shall be thoroughly tilled to a depth of at least four (4) inches by plowing, disking, harrowing, or other approved methods until the condition of the soil is acceptable. On sites where soil conditions are such that high clay content and excessive compaction cause difficulty in getting clods and lumps effectively pulverized, the Contractor shall use the rotary tillage machinery until the mixing of the soil is acceptable and no clods or clumps remain larger than 1 1/2 inches in diameter. A firm and compact seed bed is required and after being graded, the seed bed shall be lightly compacted with a land roller, such as a cultipacker, before and after seeding. Limestone shall be dolomitic agriculture ground limestone containing not less than 10 percent magnesium oxide. Lime shall be uniformly applied at the rate of 2 tons per acre. Fertilizer shall be uniformly applied at a rate of 500 pounds per acre of 10-20-20 analysis. The fertilizer shall be incorporated into the upper three or four inches of prepared seed bed just prior to the last tillage operation, but in no case shall it be applied more than three days prior to seeding. Fertilizer shall be used immediately after delivery or stored in a manner that will not permit it to harden or destroy its effectiveness. When hydroseeding equipment is used for seeding, fertilizer shall be applied simultaneously with seed using the above rates of application. Seed shall be certified seed or equivalent based on North Carolina Seed Improvement Association requirements for certification. All seed shall be furnished in sealed standard containers. Seed which has become wet, moldy, or otherwise damaged prior to seeding will not be acceptable. Seeding shall be accomplished with hand planters, power-drawn planters, hand packers, or hydroseeding equipment at the following rates:

PERMANENT SEEDING SCHEDULE

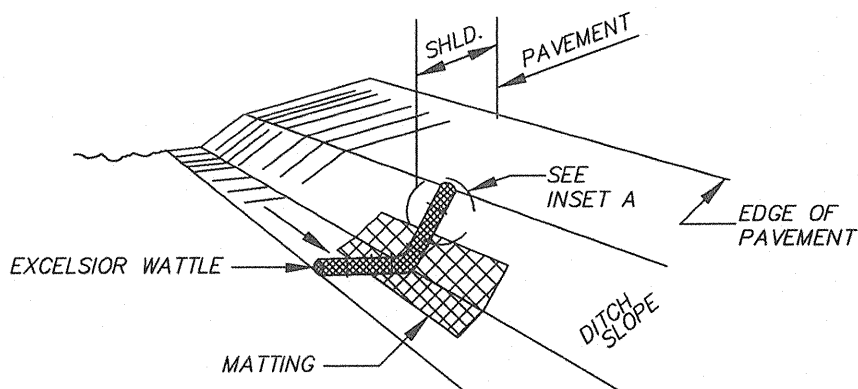
Seed Bed Preparation	
Lime	2 tons per acre
Fertilizer (10-20-20)	500 pounds per acre
Seeding Mixture:	
(January 1 - March 31)	
Common Bermuda grass (unhulled)	20 pounds per acre
Rye (grain)	25 pounds per acre
(April 1 - July 31)	
Common bermudagrass (hulled)	15 pounds per acre
Centipede	8 pounds per acre
(August 1 - December 31)	
Common Bermuda grass (unhulled)	20 pounds per acre
Tall Fescue	60 pounds per acre
Rye (grain)	25 pounds per acre
Seed Bed Protection:	
Straw Mulch	2 tons per acre (visual)
Asphalt Tack	0.03 gallons per square yard

4. Ground Stabilization (Per NCG010000)
 - a. Soil stabilization shall be achieved on any area of a site where land-disturbing activities have temporarily or permanently ceased according to the following schedule:
 - i. All perimeter dikes, swales, ditches, perimeter slopes and all slopes steeper than 3 horizontal to 1 vertical (3:1) shall be provided temporary or permanent stabilization with ground cover as soon as practicable but in any event within 7 calendar days from the last land-disturbing activity.
 - ii. All other disturbed areas shall be provided temporary or permanent stabilization with ground cover as soon as practicable but in any event within 14 calendar days from the last land-disturbing activity.
 - b. Conditions - In meeting the stabilization requirements above, the following conditions or exemptions shall apply:
 - i. Extensions of time may be approved by the permitting authority based on weather or other site-specific conditions that make compliance impracticable.
 - ii. All slopes 50' in length or greater shall apply the ground cover within 7 days except when the slope is flatter than 4:1. Slopes less than 50' shall apply ground cover within 14 days except when slopes are steeper than 3:1, the 7-day requirement applies.
 - iii. Any sloped area flatter than 4:1 shall be exempt from the 7-day ground cover requirement.
 - iv. Slopes 10' or less in length shall be exempt from the 7-day ground cover requirement except when the slope is steeper than 2:1.
 - v. Although stabilization is usually specified as ground cover, other methods, such as chemical stabilization, may be allowed on a case-by-case basis.
 - c. For portions of projects within one mile and within trout waters and High Quality Waters as classified by the Environmental Management Commission, stabilization with ground cover shall be achieved as soon as practicable but in any event on all areas of the site within 7 calendar days from the last land-disturbing act.
 - d. For portions of projects located in Outstanding Resource Waters watersheds as classified by the Environmental Management Commission, stabilization with ground cover shall be achieved as soon as practicable but in any event on all areas within 7 calendar days from the last land-disturbing act.
 - e. Portions of a site that are lower in elevation than adjacent discharge locations and are not expected to discharge during construction may be exempt from the temporary ground cover requirements if identified on the approved E&SC plan or added by the permitting authority.

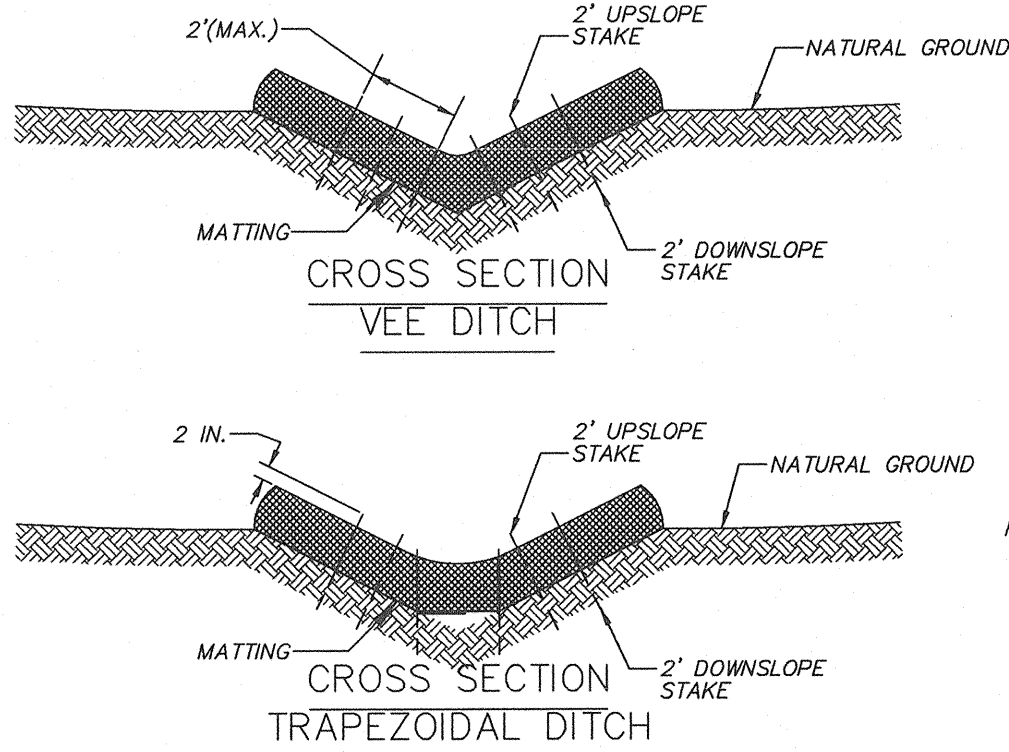
5. Self Inspection and Reporting Requirements (Per NCG010000)

- Minimum self inspection and reporting requirements are as follows unless otherwise approved in writing by the Division of Water Quality.
- a. A rain gauge shall be maintained in good working order on the site unless another rain monitoring device has been approved by the permitting authority.
 - b. A written record of the daily rainfall amounts shall be retained and all records shall be made available to DWQ or authorized agent upon request (Note: if no rainfall occurred, the permittee must record "zero").
 - c. Erosion and sedimentation control measures shall be inspected to ensure that they are operating correctly. Inspection records must be maintained for each inspection event and for each measure. At a minimum, inspection of measures must occur at the frequency indicated below:
 - i. All erosion and sedimentation control measures must be inspected by or under the direction of the permittee at least once every seven calendar days, and
 - ii. All erosion and sediment control measures must be inspected by or under the direction of the permittee within 24 hours after any storm event of greater than 0.50 inches of rain per 24 hour period.
 - d. Times when a determination that adverse weather conditions prevented inspections should be documented on the Inspection Record.
 - e. Once land disturbing activities on the site, stormwater runoff discharge outfalls shall be inspected by observation for erosion, sedimentation and other stormwater discharge characteristics such as clarity, floating solids, and oil sheens. Inspections of the outfalls shall be made at least once every seven calendar days and within 24 hours after any storm event of greater than 0.50 inches of rain per 24 hour period.
 - f. Inspections are only required to be made during normal business hours. When adverse weather conditions would cause the safety of the inspection personnel to be in jeopardy, the inspection can be delayed until it is deemed safe to perform these duties. If the inspection cannot be done on that day, it must be completed on the following business day.
 - g. Twenty-four Hour Reporting for visible sediment deposition
 - h. The permittee shall report to the Division of Water Quality central office or the appropriate regional office any visible sediment being deposited in any stream or wetland or any noncompliance which may endanger health or the environment. (See Section IX of this permit for contact information.) Any information shall be provided orally or electronically within 24 hours from the time the permittee becomes aware of the circumstances. Visible discoloration or suspended solids in the effluent should be recorded on the Inspection Record as provided below.
 - i. A written submission shall be provided to the appropriate regional office of the DWQ within 5 days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the sediment deposition and actions taken to address the cause of the deposition. The Division of Water Quality staff may waive the requirement for a written report on a case-by-case basis.
 - j. Records of inspections made during the previous 30 days shall remain on the site and available for agency inspectors at all times during normal working hours, unless the permitting authority provides a site-specific exemption based on unique site conditions that make this requirement not practical. Older records must be maintained for a period of one year after project completion and made available upon request. The records must provide the date of each inspection including observations, and actions taken in accordance with this permit. The permittee shall record the required rainfall and monitoring observations on the Inspection Record for Activities Under Stormwater General Permit NCG010000" form provided by the Division or a similar inspection form that is inclusive of all of the elements contained in the Division's form. Electronic storage of records will be allowed if approved by the permitting authority.
 - k. Inspection records must include, at a minimum, the following:
 - i. Control Measure Inspections: Inspection records must include at a minimum:
 1. identification of the measures inspected,
 2. date and time of the inspection,
 3. name of the person performing the inspection,
 4. indication of whether the measures were operating properly,
 5. description of maintenance needs for the measure,
 6. corrective actions taken and
 7. date of actions taken.
 - ii. Stormwater Discharge Inspections: Inspection records must include at a minimum:
 1. identification of the discharge outfall inspected,
 2. date and time of the inspection,
 3. name of the person performing the inspection,
 4. evidence of indicators of stormwater pollution such as oil sheen, floating or suspended solids or discoloration,
 5. indication of visible sediment leaving the site,
 6. actions taken to correct/prevent sedimentation and
 7. date of actions taken.
 - iii. Visible Sedimentation Found Outside the Site Limits: Inspection records must include:
 1. an explanation as to the actions taken to control future releases,
 2. actions taken to clean up or stabilize the sediment that has left the site limits and
 3. the date of actions taken.
 - iv. Visible Sedimentation Found in Streams or Wetlands: All inspections should include evaluation of streams or wetlands onsite or offsite (where accessible) to determine if visible sedimentation has occurred.
 - l. Visible Stream Turbidity - If the discharge from a site results in visible stream turbidity, inspection records must record that evidence and actions taken to reduce sediment contributions. Sites discharging to streams named on the state's 303(d) list as impaired for sediment-related causes may be required to perform additional monitoring, inspections or application of more-stringent management practices if it is determined that the additional requirements are needed to assure compliance with the federal or state impaired-waters conditions. If a discharge covered by this permit enters a stream segment that is listed on the Impaired Stream List for sediment-related causes, and a Total Maximum Daily Load (TMDL) has been prepared for those pollutants, the permittee must implement measures to ensure that the discharge of pollutants from the site is consistent with the assumptions and meets the requirements of the approved TMDL. The DWQ 303(d) list can be found at: http://h2o.enr.state.nc.us/tmdl/General_303d.htm/.

6. All erosion and sedimentation control devices shall remain in place and be maintained by the Contractor until all seeding is established and construction areas have been stabilized.
7. Temporary Seeding - Seed in accordance with Soil Conservation Service recommendations with regard to seed type, rate of application, fertilizer, etc.



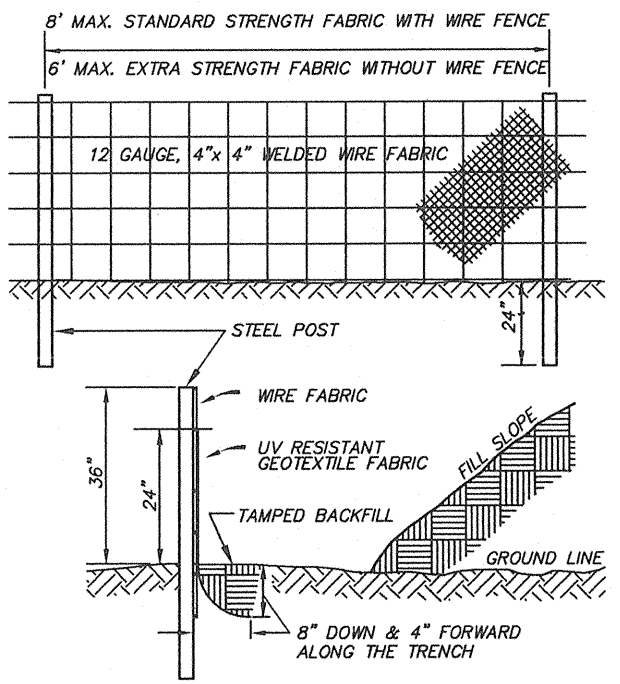
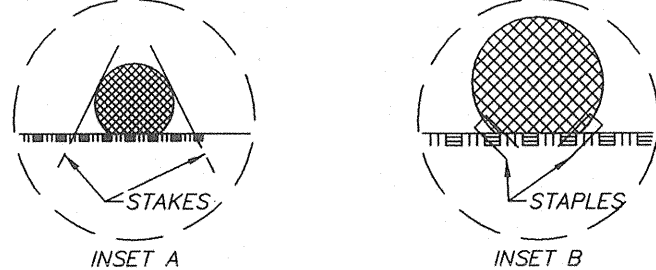
ISOMETRIC VIEW



EXCELSIOR WATTLE DETAIL

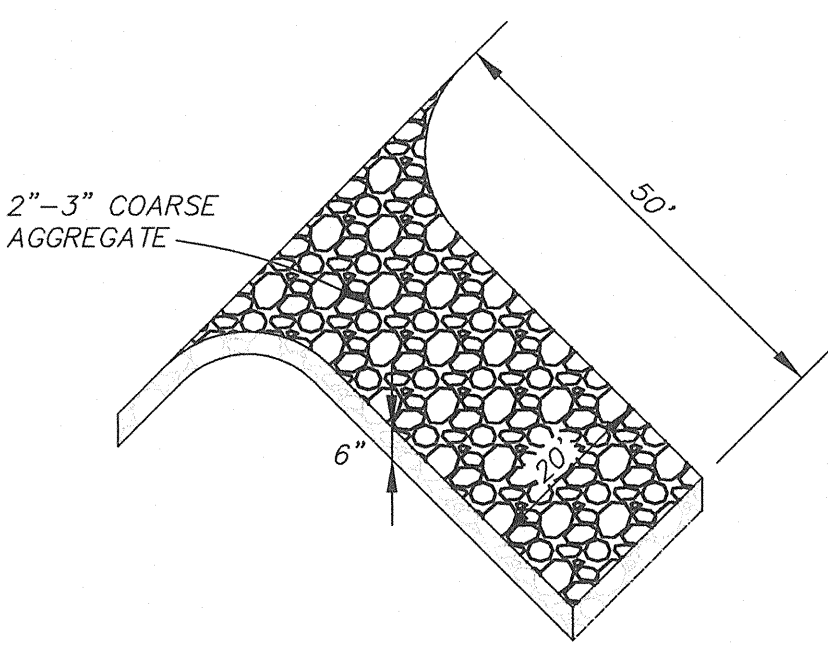
NTS

- NOTES:**
- USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.
- USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL CROSS SECTION.
- ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.
- INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.
- PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A "U" SHAPE NOT LESS THAN 12" IN LENGTH.
- INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.
- INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.



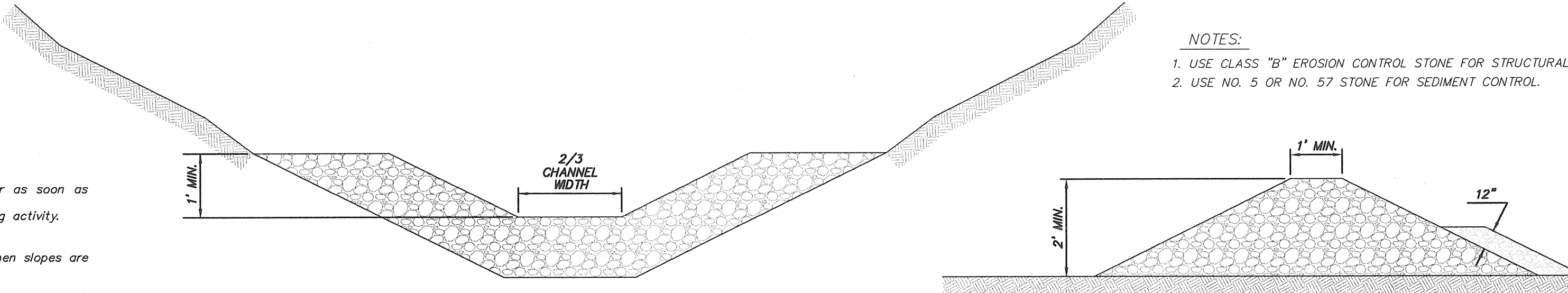
TEMPORARY SILT FENCE

NTS



TEMPORARY GRAVEL CONSTRUCTION ENTRANCE

NTS



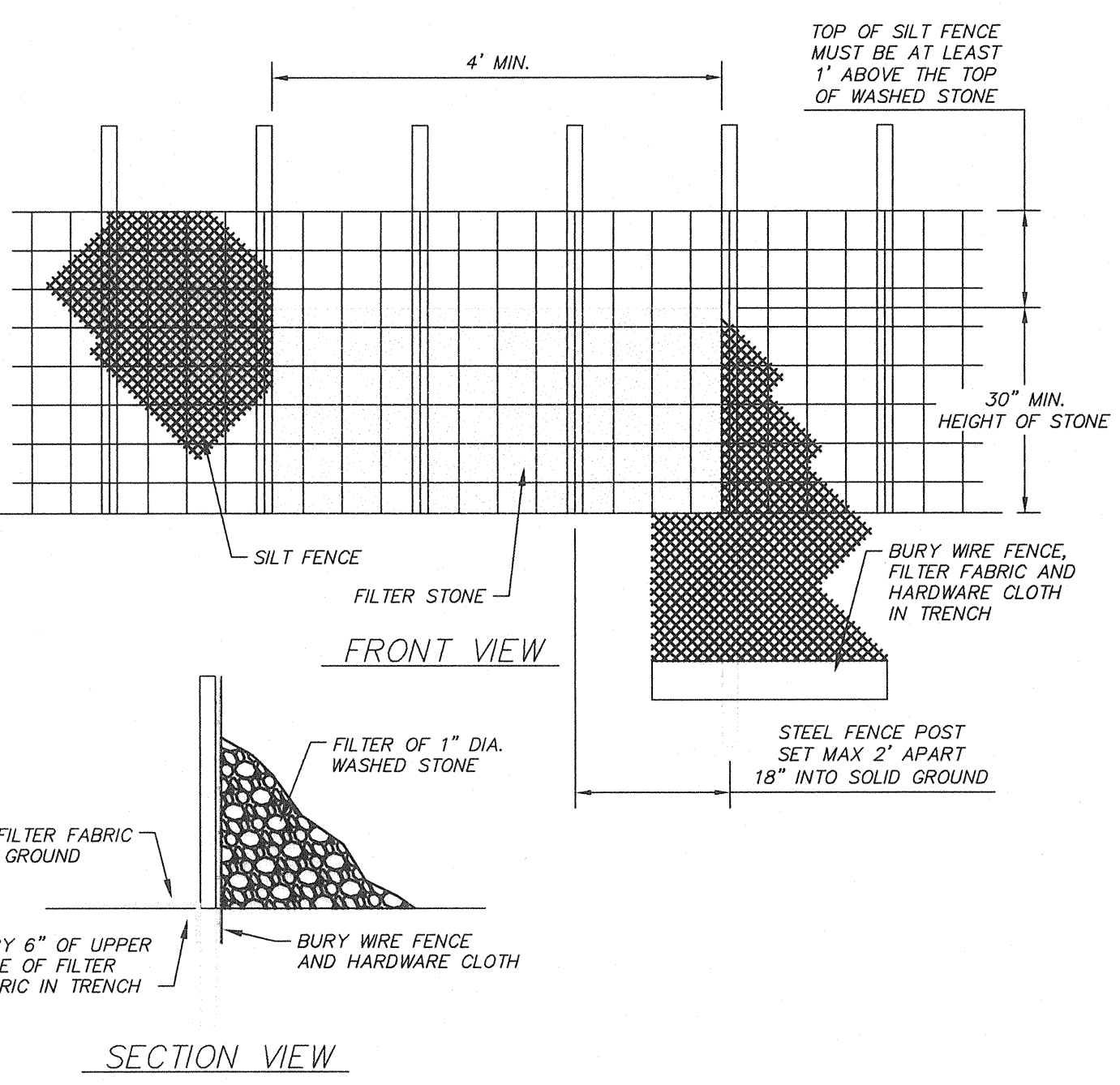
SECTION A-A

SECTION B-B

TEMPORARY ROCK SILT CHECK DAM TYPE "A"

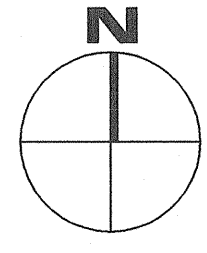
NOT TO SCALE

DWG NO. EG-20



SILT FENCE OUTLET

NO SCALE



DETAILS

NTS

GENERAL NOTES

UTILITY PROVIDERS

Rivers & Associates, Inc.
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SCO ID #120956301; CODE 84210; ITEM 7826

NO	REVISION	DATE
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SEAL

JKF
ARCHITECTURE

NORTH CAROLINA PROFESSIONAL ENGINEER
SEAL 17376
F. J. K. F. ARCHITECTURE
8-21-19

P.O. BOX 20662 GREENVILLE, NC 27858 PHONE 252-355-1068

NC DEPARTMENT OF TRANSPORTATION
CURRITUCK WELCOME CENTER
TOWN OF CURRITUCK, NC

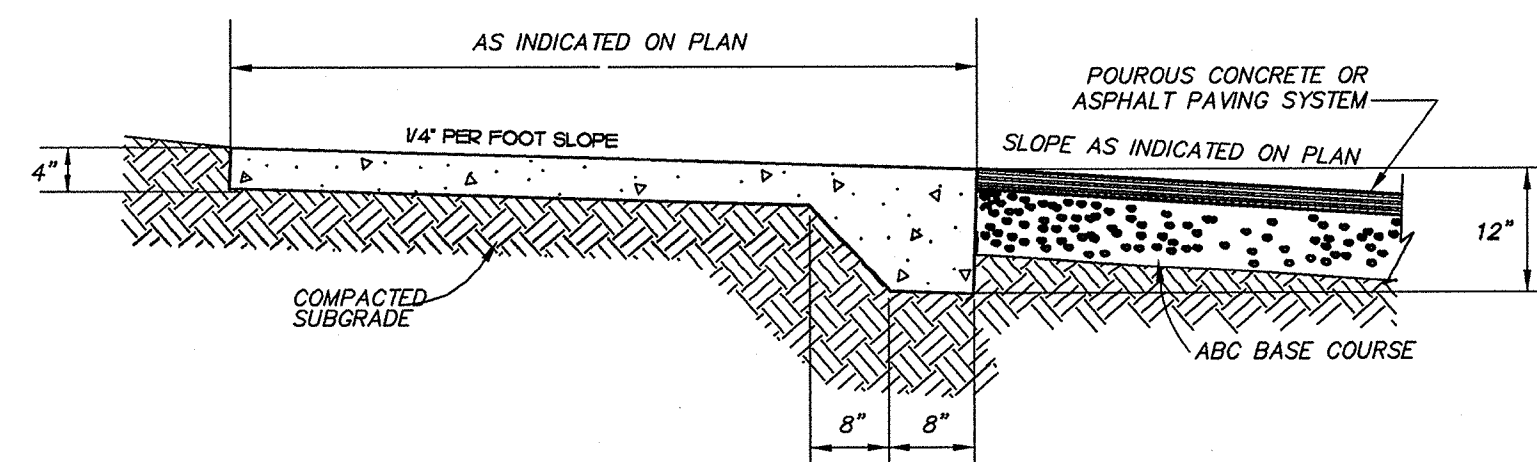
DRAWING TITLE	DETAILS
SCALE	NOT TO SCALE
DRAWN	JHT
CHECKED	FDT
DATE	6-26-2013
PROJECT NO.	2013-04

1,500 GALLON CONCRETE SEPTIC TANK
SCALE: N.T.S.

NOTES:

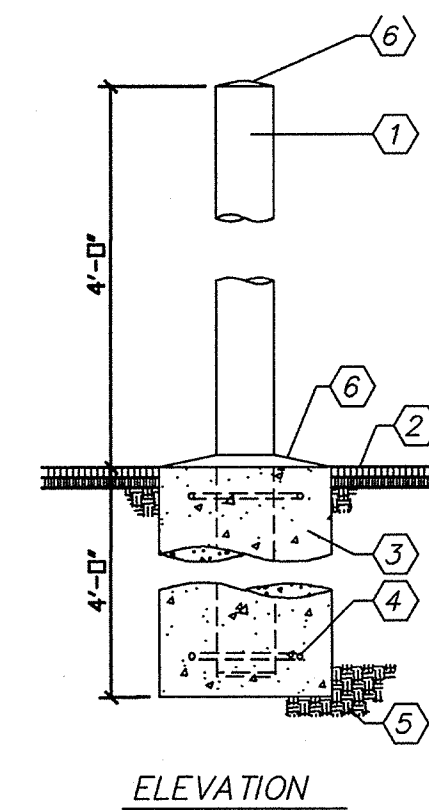
1. FLOAT ELEVATIONS ARE APPROXIMATE. ACTUAL ELEVATIONS TO BE DETERMINED IN FIELD BY ENGINEER AND REPRESENTATIVES OF LOCAL COUNTY HEALTH DEPARTMENT.
2. PVC FLOAT TREE MAY BE SUBSTITUTED FOR SS CHAIN.

1,500 GALLON CONCRETE PUMP TANK
SCALE: N.T.S.



THICKENED EDGE CONCRETE WALK DETAIL

(ALL SIDEWALK EDGES ADJACENT TO BIT. CONCRETE PAVEMENT SHALL BE THICKENED)

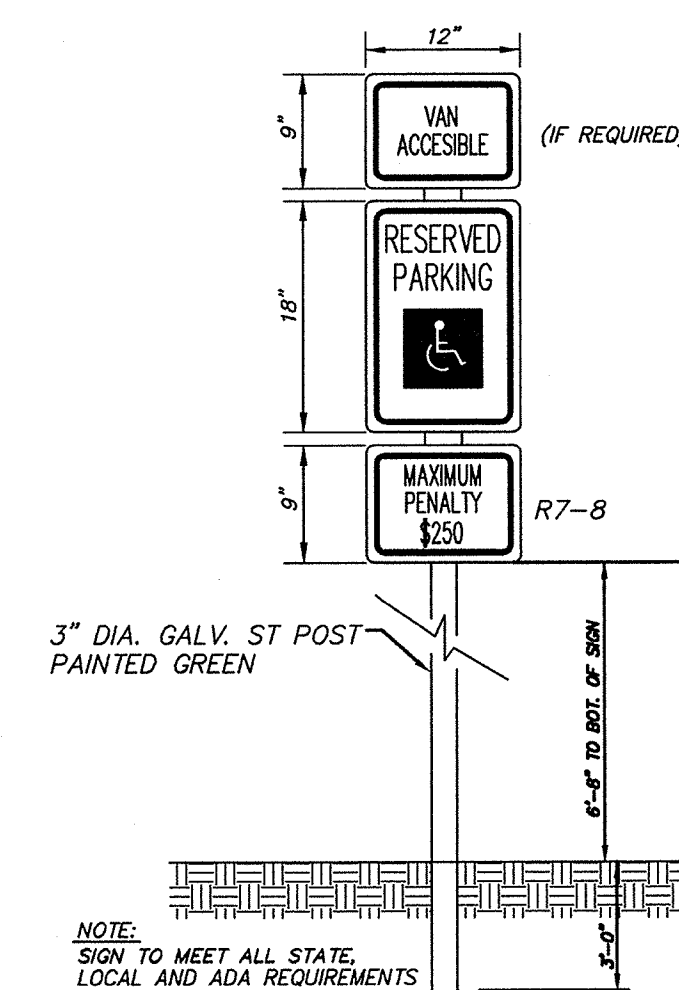


ELEVATION

- ### KEYED NOTES
- ① 6" STANDARD STL. PIPE CONCRETE FILLED
PROVIDE 1/4" WELDED CLOSURE PLATE AT BOTTOM.
1/2" STL TO 1/4" STL TO 1/2" FREE AND PRIME COATED.
BOLLARDS TO RECEIVE YELLOW POLYETHYLENE COVER
(FROM IDEAL SHIELD - 313-842-7290).
 - ② TOP OF PAVEMENT.
 - ③ 24"Ø CONCRETE FOUNDATION.
USE SONOTUBE FORM.
 - ④ 3/8"Ø WELDED HOOPS. 18"Ø
TOP, BOTTOM, AND CENTER.
 - ⑤ SOLID UNDISTURBED SOIL.
 - ⑥ PROVIDE PITCH, SMOOTH
CONCRETE FINISH.

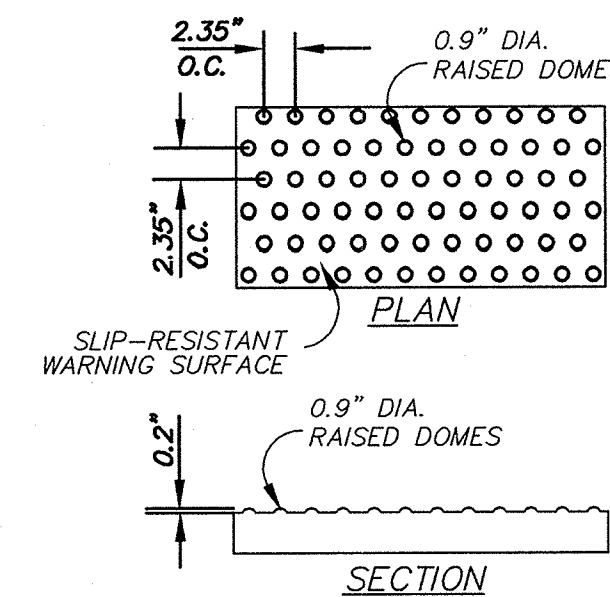
TYPICAL PIPE BOLLARD

N.T.S.



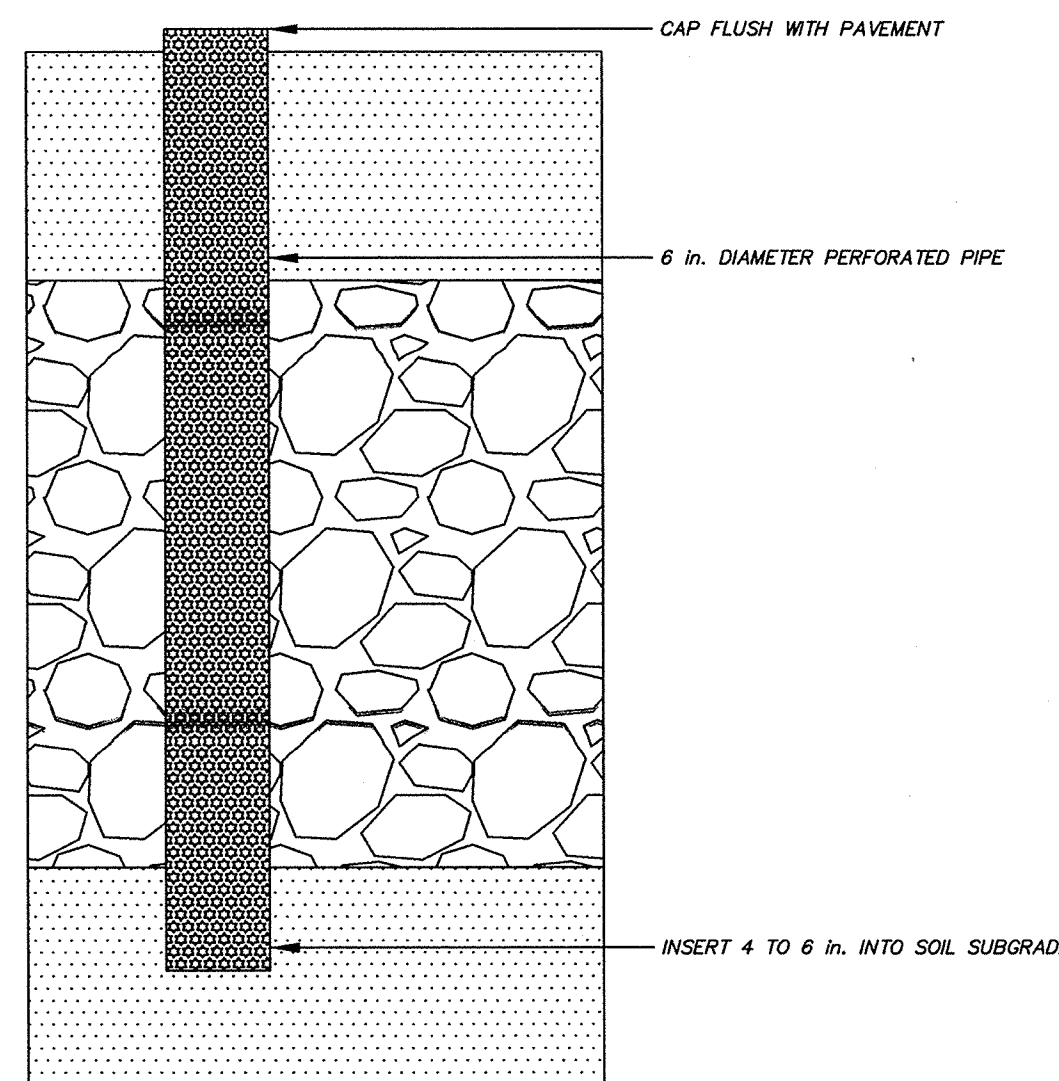
HANDICAPPED PARKING SIGN

NTS



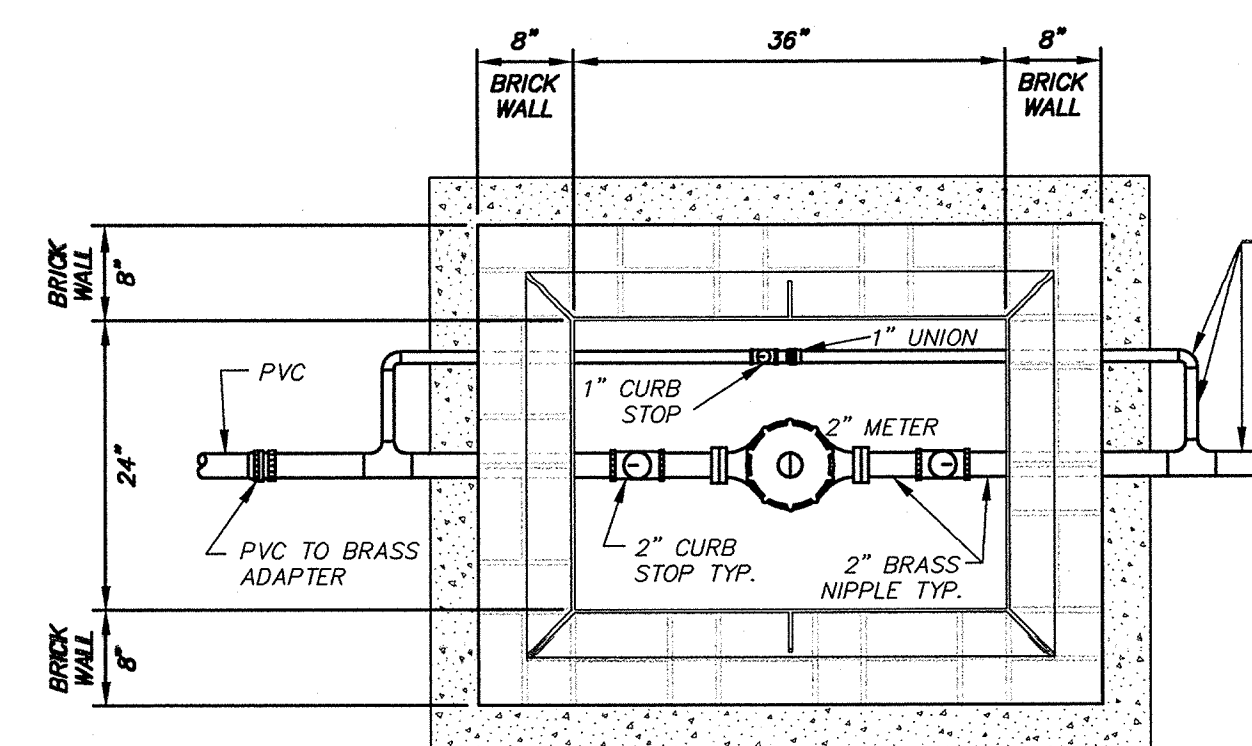
DETECTABLE WARNING SURFACE

NTS



OBSERVATION WELL DETAIL

NTS



PLAN

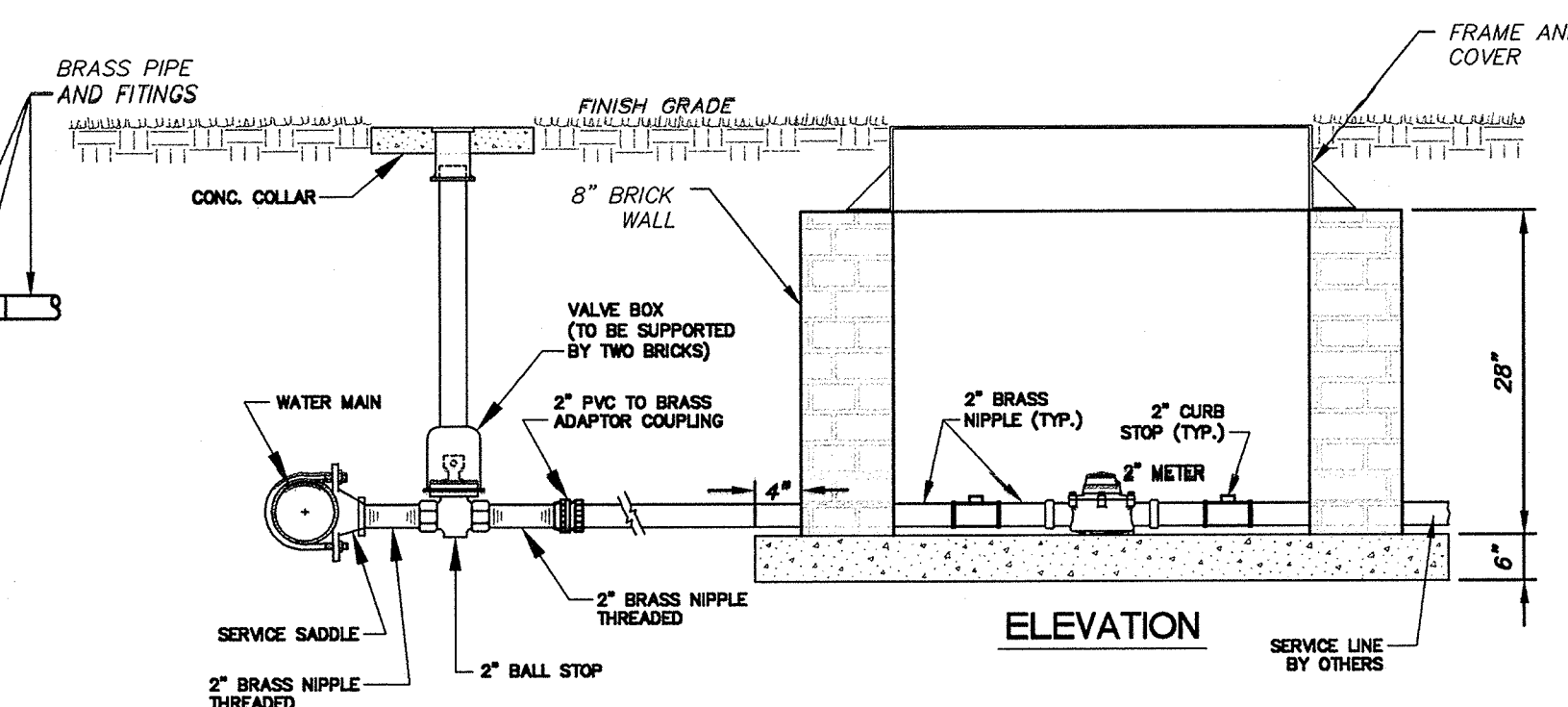
NOTE:

METER AND METER BOX TO BE FURNISHED AND INSTALLED BY CONTRACTOR. SERVICE SADDLES SHALL BE USED ON ALL WATER LINES 4" AND SMALLER IN DIAMETER.

SERVICE SADDLES SHALL ALSO BE USED ON 6" AND LARGER PVC WATER MAINS WHICH DO NOT MEET THE REQUIREMENTS OF AWWA C-900, CLASS 150.

MINIMUM COVER OVER SERVICE LINE SHALL BE 24".

METER BOX SHALL NOT BE INSTALLED IN SLOPE OF DITCH.

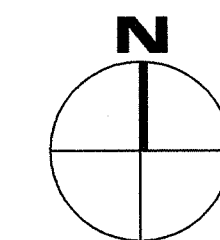


ELEVATION

SEP 195

2' WATER SERVICE CONNECTION WITH METER

NOT TO SCALE



DETAILS
NTS

—(A15)

GENERAL NOTES

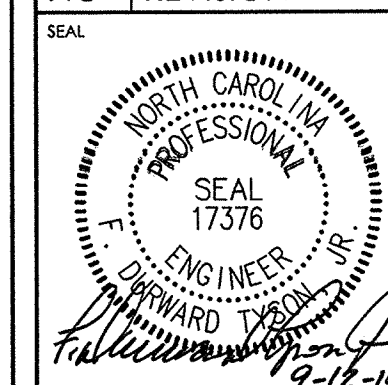
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NO	REVISION	DATE
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JKR
ARCHITECTURE

NC DEPARTMENT OF
TRANSPORTATION
CURRITUCK WELCOME CENTER
TOWN OF CURRITUCK, NC

DRAWING TITLE

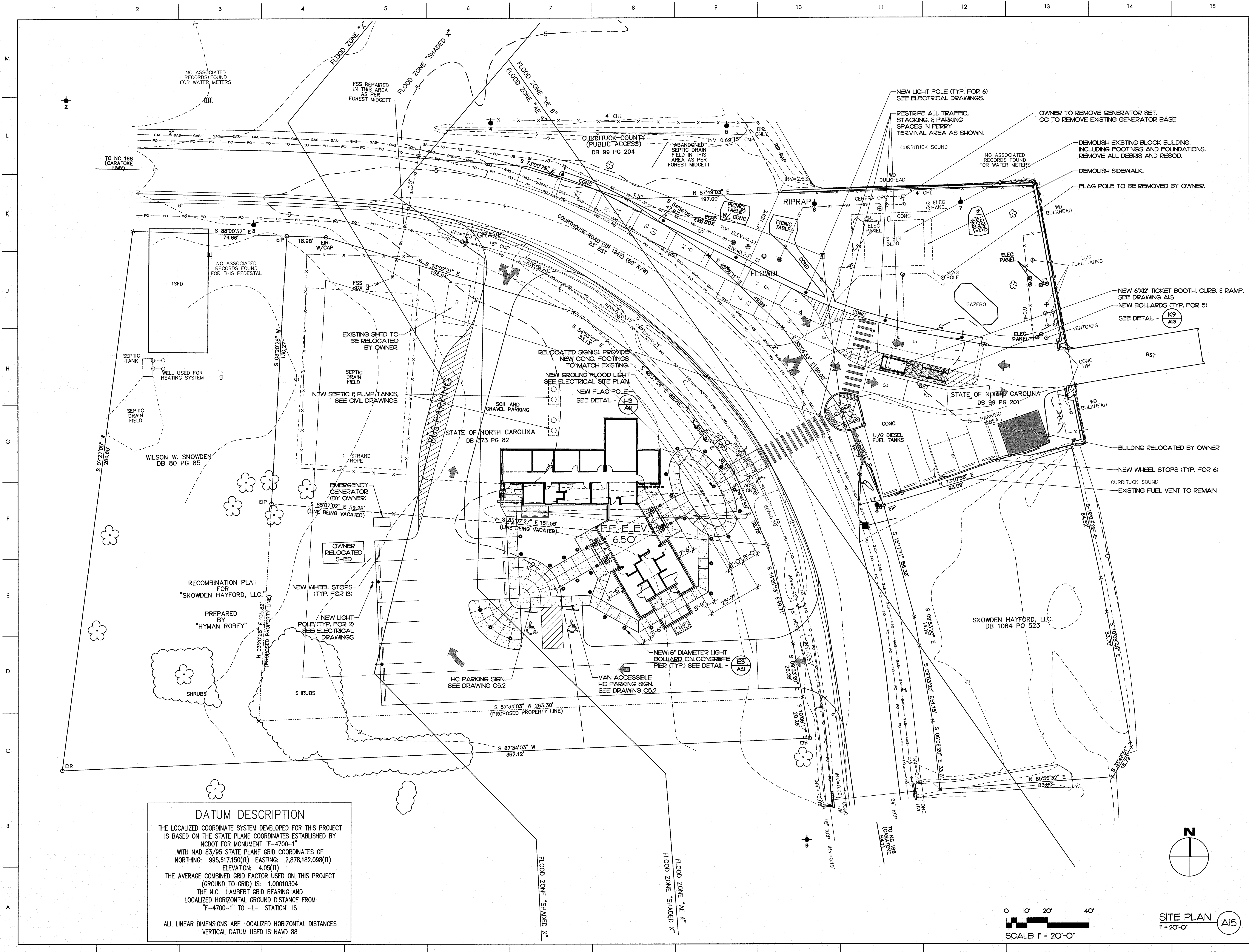
DETAILS

SCALE	NOT TO SCALE
DRAWN	JHT
CHECKED	FD
DATE	6-26-2013
PROJECT NO.	2013-04

C5.2

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DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "F-4700-1" WITH NAD 83/95 STATE PLANE GRID COORDINATES OF NORTHING: 995,617.150(ft) EASTING: 2,878,182.098(ft) ELEVATION: 4.05(ft)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 1.00010304

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "F-4700-1" TO -L- STATION IS

ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

MATERIALS KEYING LEGEND

GENERAL NOTES

KEY PLAN

SCO ID #120956301; CODE 84210; ITEM 7826

NO	REVISION	DATE

JKF
ARCHITECTURE

P.O. BOX 20662 GREENVILLE, NC 27858 PHONE 252-355-1048

NC DEPARTMENT OF
TRANSPORTATION
CURRITUCK WELCOME CENTER
TOWN OF CURRITUCK, NC

DRAWING TITLE
**ARCHITECTURAL
SITE PLAN**

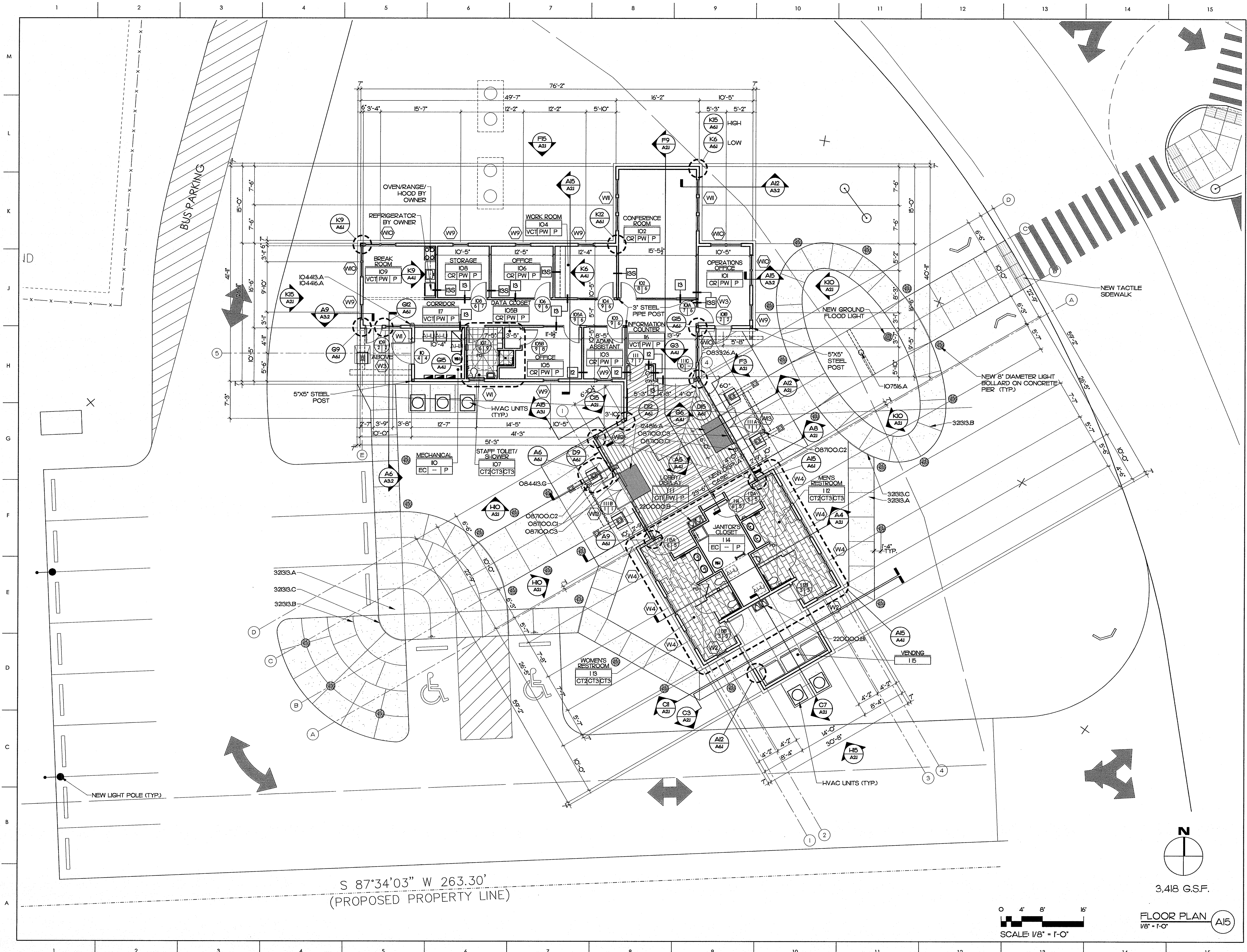
SCALE	DRAWING NO.
1" = 20'-0"	SPI.1

DRAWN MCZ/D.J.H.
CHECKED JKF
DATE 6-26-2013
PROJECT NO. 2013-04

SCALE: 1" = 20'-0"

SITE PLAN A15

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- MATERIALS KEYING LEGEND**
- 083326.A - OVER-HEAD COLING GRILLE ASSEMBLY
 - 084413.G - HORIZONTAL SUNSHADE SYSTEM
 - 08700.C1 - HC DOOR ACTUATOR, WALL MOUNTED
 - 08700.C2 - HC DOOR ACTUATOR, MOUNT ON 4X4 ALUMINUM POST SET IN 12X12X18" DEEP CONC.
 - 08700.C3 - HC DOOR OPERATOR
 - 104413.A - RECESSED FIRE EXTINGUISHER CABINET
 - 104416.A - FIRE EXTINGUISHER
 - 107516.A - FLAGPOLE, GROUND SET
 - 124816.A - FOOT GRILLE, RECESSED
 - 220000.B - ELECTRIC WATER COOLER
 - 220000.B1 - WATER FOUNTAIN
 - 32313.A - CONCRETE SIDEWALK, 4" THICK
 - 32313.B - CONTROL JOINT
 - 32313.C - EXPANSION JOINT

GENERAL NOTES

1. ALL DIMENSIONS TO FACE OF STUD UNLESS OTHERWISE NOTED.

KEY PLAN

SCO ID #120956301; CODE 84210; ITEM 7826

NO REVISION DATE

JOHN K. FARKAS
REGISTERED ARCHITECT
5922
J K F
ARCHITECTURE

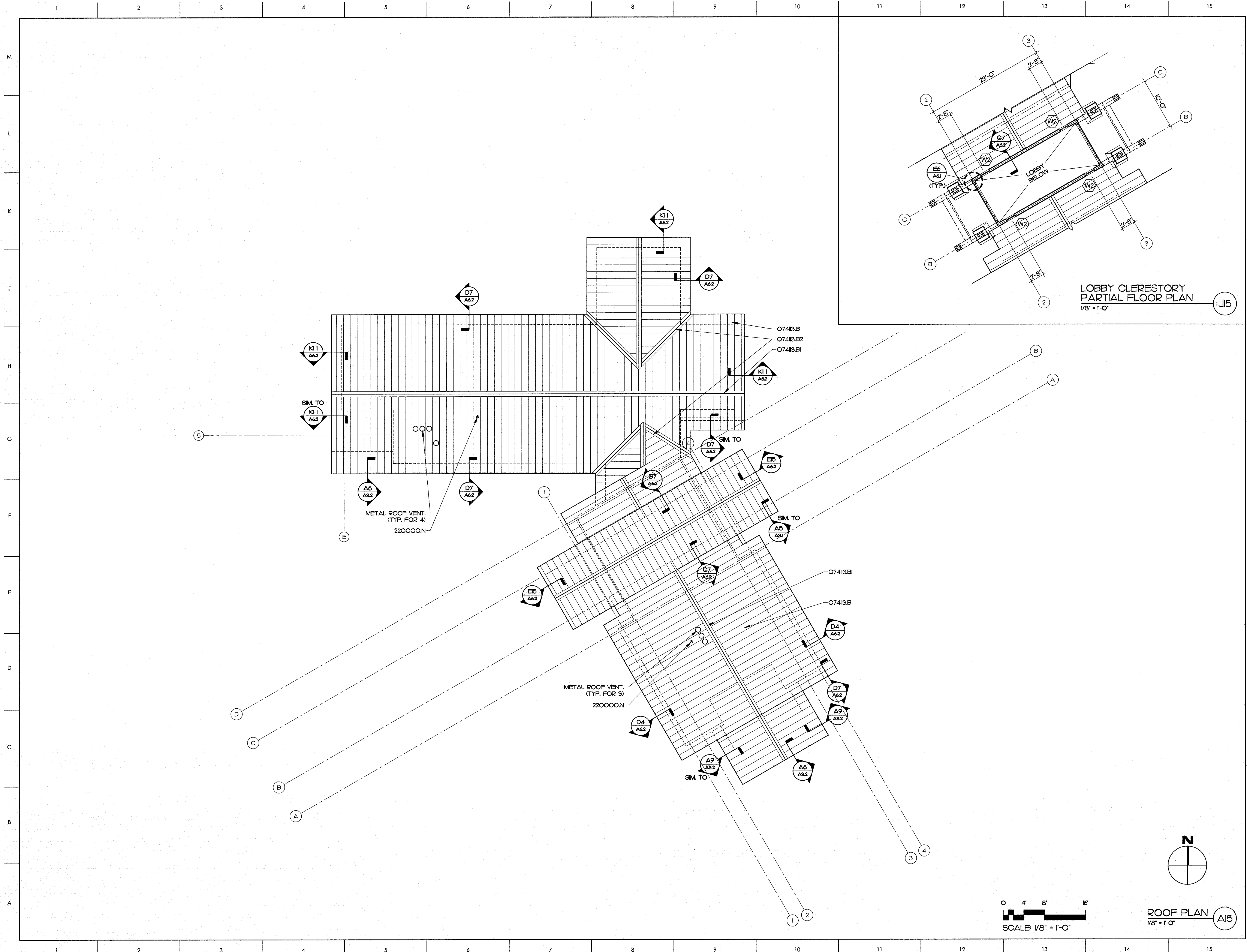
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NC DEPARTMENT OF
TRANSPORTATION
CURRITUCK WELCOME CENTER
TOWN OF CURRITUCK, NC

DRAWING TITLE
FLOOR PLAN

SCALE
1/8"=1'-0"
DRAWN
MCZ/DJH
CHECKED
JKF
DATE
6-26-2013
PROJECT NO.
2013-04

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MATERIALS KEYING LEGEND

O74I13.B - METAL ROOF, STANDING SEAM
O74I13.B1 - METAL ROOF, STANDING SEAM, RIDGE CAP
O74I13.B2 - METAL ROOF, STANDING SEAM, VALLEY FLASHING
220000.N - PIPE VENT

GENERAL NOTES

KEY PLAN

SCO ID #120956301; CODE 84210; ITEM 7826

NO	REVISION	DATE

JOHN K. FARKAS
REGISTERED ARCHITECT
5922
GREENVILLE, NC

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NC DEPARTMENT OF
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TOWN OF CURRITUCK, NC

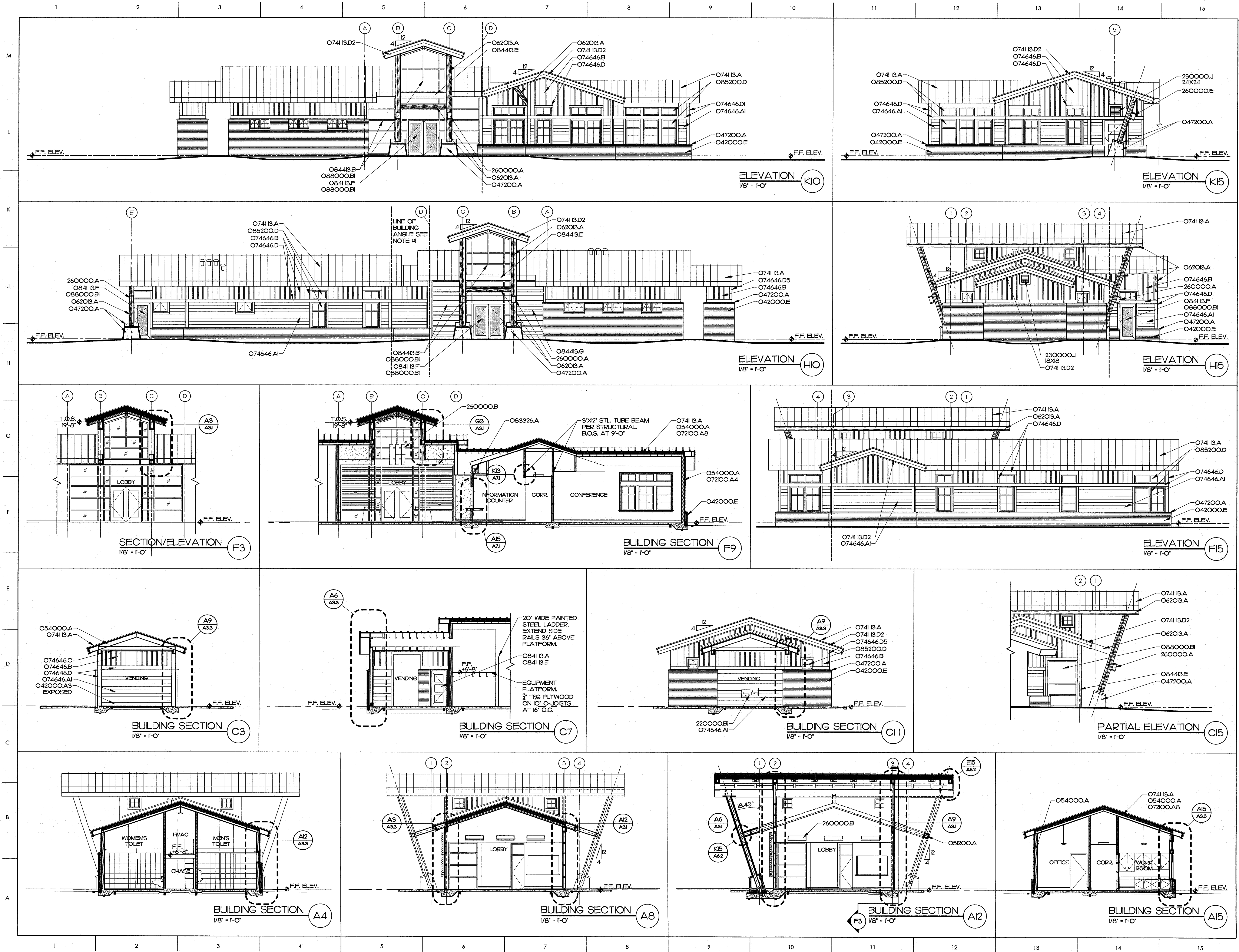
DRAWING TITLE

ROOF PLAN & LOBBY
CLERESTORY PARTIAL PLAN

SCALE	DRAWING NO.
1/8" = 1'-0"	A1.2
DRAWN D.J.H./MCZ	
CHECKED JKF	
DATE 6-26-2013	

PROJECT NO.
2013-04

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- MATERIALS KEYING LEGEND**
- 042000.A3 - CONCRETE MASONRY UNIT, 8"
 - 042000.E - FACE BRICK
 - 047200.A - CAST STONE MASONRY
 - 051200.A - STRUCTURAL STEEL, SEE STRUCTURAL DRAWINGS
 - 054000.A - COLD FORMED METAL FRAMING SYSTEM
 - 062013.A - EXTERIOR WOOD TRIM/WRAP
 - 072000.A4 - BATT INSULATION, 6" R-19 MIN.
 - 072000.A8 - SPRAY FOAM INSULATION, 6" R-38.4 MIN.
 - 074113.A - METAL ROOF, STANDING SEAM SYSTEM
 - 074113.B - METAL ROOF, STANDING SEAM
 - 074113.D2 - METAL TRIM
 - 074646.A1 - FIBER-CEMENT LAP SIDING, 8" REVEAL
 - 074646.B - FIBER-CEMENT SIDING, BOARD AND BATTEN
 - 074646.C - FIBER-CEMENT SIDING SOFFIT BOARD
 - 074646.D - FIBER-CEMENT SIDING, TRIM BOARD
 - 074646.D5 - FIBER-CEMENT SIDING, TRIM BOARD K6
 - 083326.A - OVERHEAD COLING GRILLE ASSEMBLY
 - 084113.A - STOREFRONT FRAMING, THERMALLY BROKEN
 - 084113.E - ALUMINUM AMP DOOR
 - 084113.F - ALUMINUM STILE & RAIL DOOR
 - 084413.B - ALUMINUM CURTAIN WALL FRAMING
 - 084413.E - METAL TRIM
 - 084413.G - HORIZONTAL SUNSHADE SYSTEM
 - 085200.D - CLAD WOOD WINDOW ASSEMBLY
 - 088000.B1 - F INSULATING GLASS - LOW E
 - 220000.B1 - WATER FOUNTAIN
 - 230000.J - MECH. LOUVER-SEE HVAC DRAWINGS
 - 260000.A - EXTERIOR LIGHT FIXTURE
 - 260000.B - INTERIOR LIGHT FIXTURE
 - 260000.E - EXTERIOR LIGHT FIXTURE, CEILING SURFACE MOUNTED

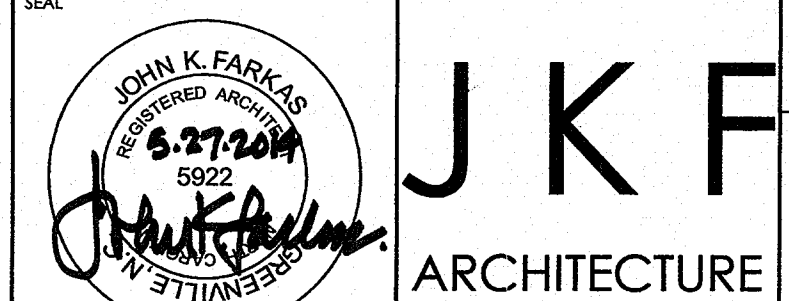
GENERAL NOTES

1. ALL EXTERIOR ELEVATIONS DRAWN PERPENDICULAR TO DRAWING PLAN AT BUILDING ANGLE LINE.

KEY PLAN

SCO ID #120956301; CODE 84210; ITEM 7826

NO REVISION DATE



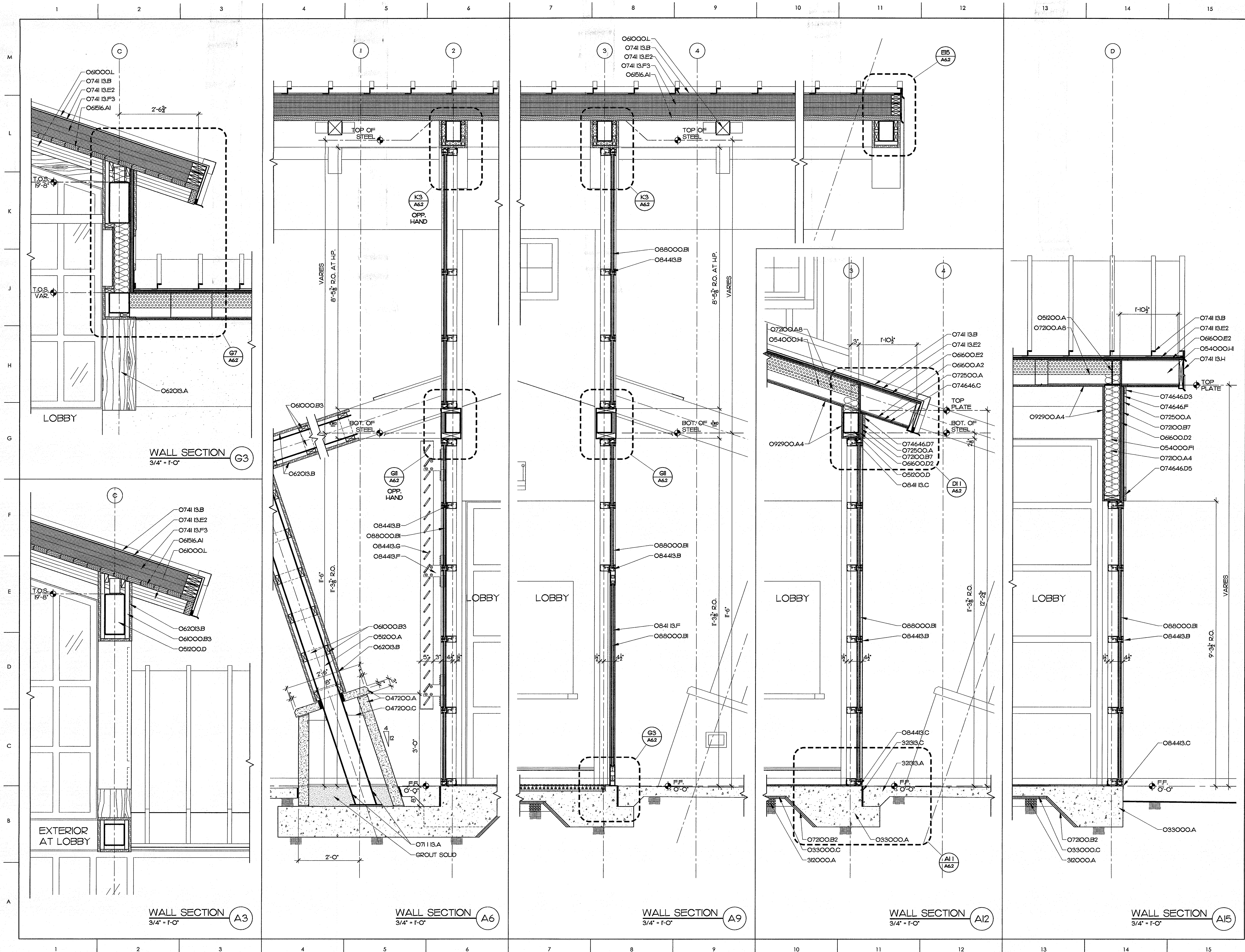
P.O. BOX 20662 GREENVILLE, NC 27838 PHONE 252-355-1068

NC DEPARTMENT OF TRANSPORTATION
CURRITUCK WELCOME CENTER
TOWN OF CURRITUCK, NC

DRAWING TITLE
EXTERIOR ELEVATIONS & BUILDING SECTIONS

SCALE	1/8" = 1'-0"	DRAWING NO.	A2.1
DRAWN	DJH/MCZ	CHECKED	JKF
DATE	6-26-2013	PROJECT NO.	2013-04

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MATERIALS KEYING LEGEND

033000.A - CONCRETE SLAB ON GRADE,
SEE STRUCTURAL
033000.B - CONCRETE FOOTING,
SEE STRUCTURAL
033000.C - VAPOR BARRIER
042000.N - GROUT SOLID
042000.E - FACE BRICK
047200.A - CAST STONE MASONRY
047200.C - CAST STONE MASONRY ANCHORS
BY MANUF.
051200.A - STRUCTURAL STEEL,
SEE STRUCTURAL DRAWINGS
051200.D - TUBE STEEL, SIZE AS INDICATED
054000.F - COLD FORMED METAL FRAMING,
6" STUD
054000.FI - COLD FORMED METAL FRAMING,
6" STUD AT 16" O.C.
054000.HI - COLD FORMED METAL FRAMING,
10" x 10" JOIST AT 16" O.C.
061000.B3 - 2X4
061000.L - PARALLEL STRAND LUMBER -
SEE STRUCTURAL
061516.A1 - WOOD ROOF DECKING, 2X6, T&G
061600.A2 - PLYWOOD SHEATHING, 1/2" THICK
061600.D2 - PLYWOOD SHEATHING, 5/8" THICK
061600.E2 - PLYWOOD ROOF SHEATHING, 3/4" T&G
062013.A - EXTERIOR WOOD TRIM/WRAP
062013.B - EXTERIOR WOOD TRIM, 5/4X
062023.A1 - INTERIOR WOOD TRIM, WALL BASE,
OPAQUE FINISH
062023.B1 - INTERIOR WOOD TRIM,
WINDOW CASING, OPAQUE FINISH
062023.C - INTERIOR WOOD TRIM, WINDOW SILL,
OPAQUE FINISH
062023.E - INTERIOR WOOD TRIM,
1/2" TRIM BOARD, OPAQUE FINISH
071113.A - BITUMINOUS DAMPROOFING
072100.A4 - BATT INSULATION, 6" (R-19 MIN)
072100.A8 - SPRAY FOAM INSULATION, 6" (R-38.4 MIN)
072100.B2 - 1" RIGID INSULATION (R-4.0 MIN)
072100.B7 - 3/4" RIGID INSULATION (R-4.0 MIN)
072500.A - BUILDING WRAP
074113.B - METAL ROOF, STANDING SEAM
074113.E1 - FELT #30
074113.E2 - SELF-ADHERING SHEET
074113.F3 - RIGID INSULATION, 8" THICK
074113.H - METAL FASCIA
074646.C - FIBER-CEMENT SIDING, SOFFIT BOARD
074646.D1 - FIBER-CEMENT SIDING, TRIM BOARD IX
074646.D3 - FIBER-CEMENT SIDING, TRIM BOARD IX3
074646.D5 - FIBER-CEMENT SIDING, TRIM BOARD IX6
074646.D6 - FIBER-CEMENT SIDING, TRIM BOARD IX8
074646.D7 - FIBER-CEMENT SIDING, SHEATHING 5/16"
084113.C - METAL SUB-FRAME
084113.F - ALUMINUM STILE & RAIL DOOR
084413.B - ALUMINUM CURTAIN WALL FRAMING
084413.C - METAL SILL PAN
084413.F - STRUCTURAL CLIP BY MANUF.
084413.G - HORIZONTAL SUNSHADE SYSTEM
085200.A - CLAD WOOD DOUBLE HUNG WINDOW
085200.D - CLAD WOOD WINDOW ASSEMBLY
088000.B1 - INSULATING GLASS - LOW E
092900.A4 - 5/8" GYPSUM WALLBOARD
093000.B1 - CERAMIC TILE, 12X12
093000.D - MORTAR BED
32000.A - POROUS FILL
32133.A - CONCRETE SIDEWALK, 4" THICK
32133.C - EXPANSION JOINT

GENERAL NOTES

1. COORDINATE ALL ROUGH OPENING DIMENSIONS
WITH ACTUAL WINDOW, DOOR, AND CURTAIN
WALL UNITS.
2. ALL EXTERIOR SHEATHING SHALL BE COVERED
BY BUILDING WRAP.

SCO ID #120956301; CODE 84210; ITEM 7826

NO	REVISION	DATE

SEAL

JOHN K. FARKAS
REGISTERED ARCHITECT
5922
J K F
ARCHITECTURE

P.O. BOX 20462 GREENVILLE, NC 27858 PHONE 252-355-1048

NC DEPARTMENT OF
TRANSPORTATION
CURRITUCK WELCOME CENTER
TOWN OF CURRITUCK, NC

DRAWING TITLE

WALL SECTIONS

SCALE

3/4" = 1'-0"

DRAWN

DJH/MCZ

CHECKED

JKF

DATE

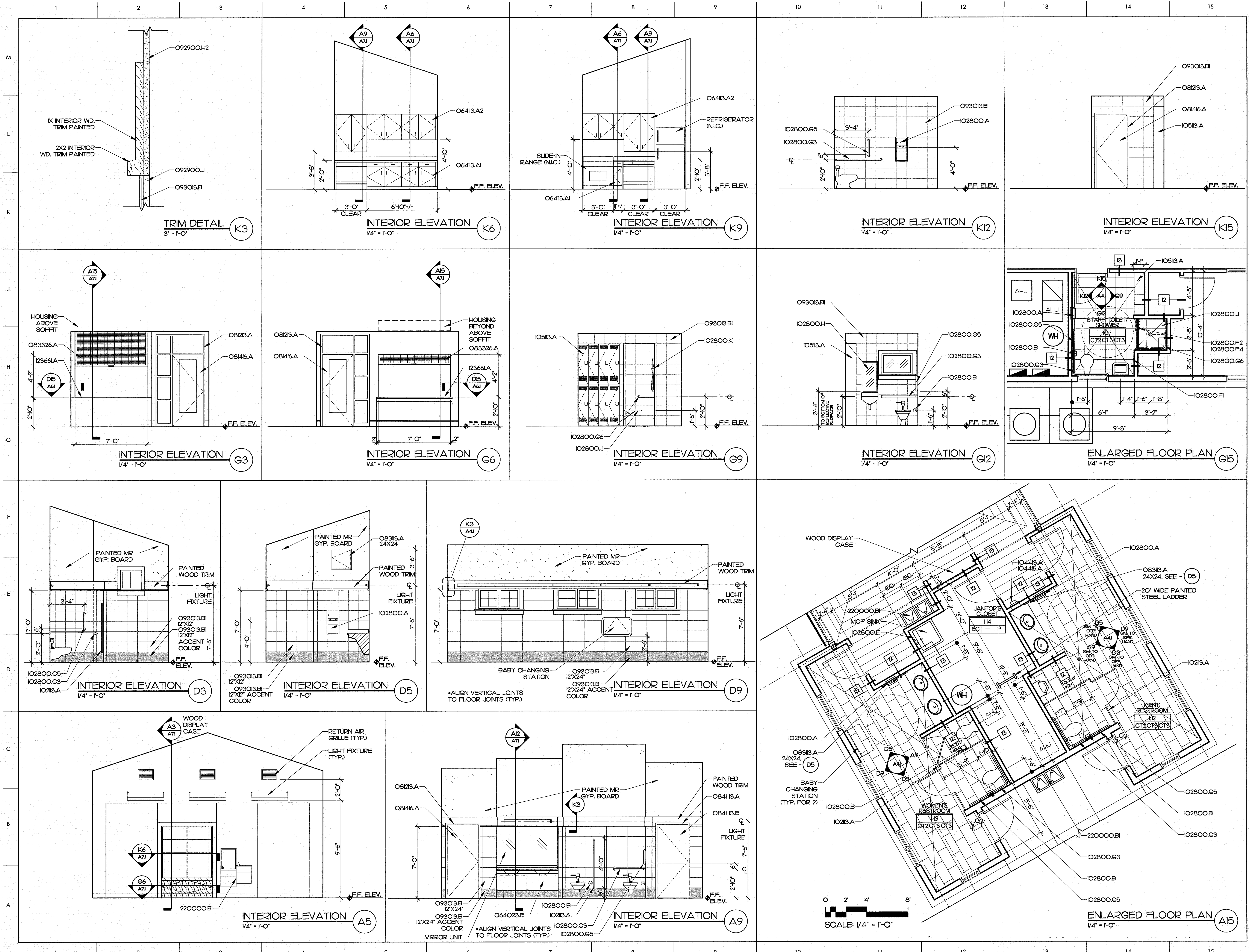
6-26-2013

PROJECT NO.

2013-04

A3.1

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- MATERIALS KEYING LEGEND**
- O64023.E - PLASTIC LAMINATE CABINETS
 - O6413.A1 - WOOD-VENEER-FACED CABINETS, BASE CABINET
 - O6413.A2 - WOOD-VENEER-FACED CABINETS, WALL CABINET
 - O8413.A - HOLLOW METAL FRAME
 - O8416.A - SOLID CORE WOOD DOOR, FLUSH
 - O8313.A - FLUSH ACCESS DOOR, INTERIOR
 - O83326.A - OVER-HEAD COILING GRILLE ASSEMBLY
 - O8413.A - STOREFRONT FRAMING, THERMALLY BROKEN
 - O8413.E - ALUMINUM AMP DOOR
 - O92900.H2 - MR. GYPSUM BOARD, 5/8" THICK
 - O92900.J - CEMENTIOUS BACKER UNIT
 - O93000.B - CERAMIC TILE
 - O93000.B1 - CERAMIC TILE, 12X12
 - O1213.A - TOILET COMPARTMENT
 - O12800.A - TOWEL DISPENSER/WASTE RECEPTACLE
 - O12800.B - TOILET TISSUE DISPENSER
 - O12800.E - MOP AND BROOM HOLDER/WUTILITY SHELF
 - O12800.F1 - ROBE HOOK
 - O12800.F2 - SHOWER CURTAIN ROD
 - O12800.F4 - SHOWER CURTAIN
 - O12800.G3 - 36X54 GRAB BAR
 - O12800.G5 - 18" VERT. GRAB BAR
 - O12800.G6 - 18X32" GRAB BAR
 - O12800.H - MIRROR UNIT, 18X32 (MOUNT 40" MAX TO REFLECTING SURFACE)
 - O12800.J - FOLDING SHOWER SEAT
 - O12800.K - SHOWER HEAD ASSEMBLY W/6" HAND-HELD HEAD
 - O14413.A - SEMI-RECESSED FIRE EXTINGUISHER CABINET
 - O14416.A - FIRE EXTINGUISHER
 - O1513.A - METAL LOCKERS
 - O23661.A - SIMULATED STONE COUNTERTOP
 - O220000.B1 - WATER FOUNTAIN

- GENERAL NOTES**
- INTERIOR DIMENSIONS ARE TO FACE OF STUD UNO. W/DOT LEADER + (FINISHED).
 - PROTECT ALL EXPOSED PIPING AND DRAINS UNDER ALL LAVATORIES PER SPECIFICATIONS.

KEY PLAN

SCO ID #120956301; CODE 84210; ITEM 7826

NO REVISION DATE



JKF
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**NC DEPARTMENT OF
TRANSPORTATION
CURRITUCK WELCOME CENTER
CURRITUCK, NC**

DRAWING TITLE
**LARGE SCALE PLANS &
INTERIOR ELEVATIONS**

SCALE
AS NOTED

DRAWN
DJH

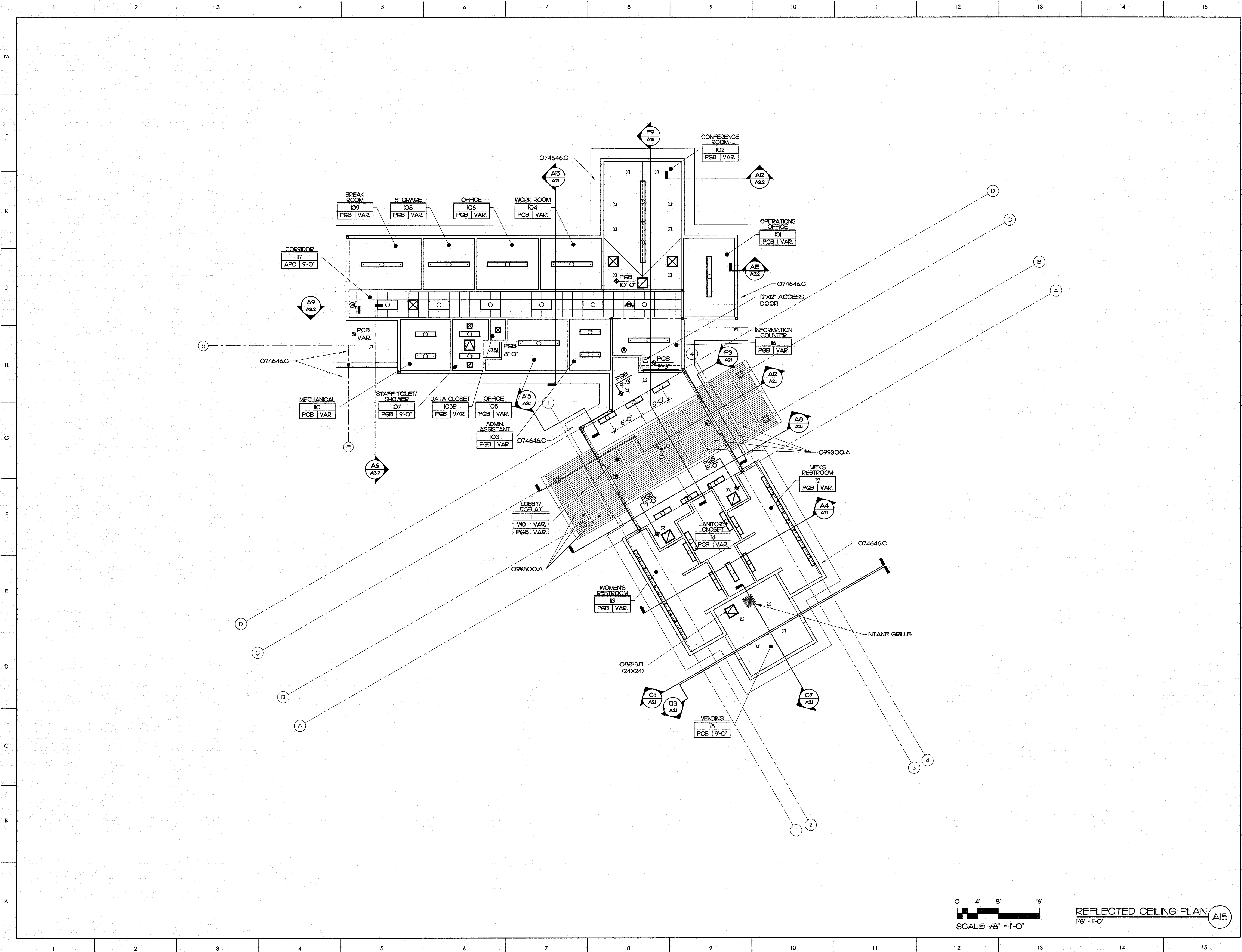
CHECKED
JKF

DATE
6-26-2013

PROJECT NO.
2013-04

DRAWING NO.
A4.1

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MATERIALS KEYING LEGEND

074646.C - FIBER-CEMENT SIDING SOFFIT BOARD

08313.B - EXTERIOR FLUSH ACCESS DOORS AND FRAMES

099300.A - STAINED FINISH SYSTEM

GENERAL NOTES

KEY PLAN

SCO ID #120956301; CODE 84210; ITEM 7826

NO	REVISION	DATE

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NC DEPARTMENT OF
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CURRITUCK WELCOME CENTER
TOWN OF CURRITUCK, NC

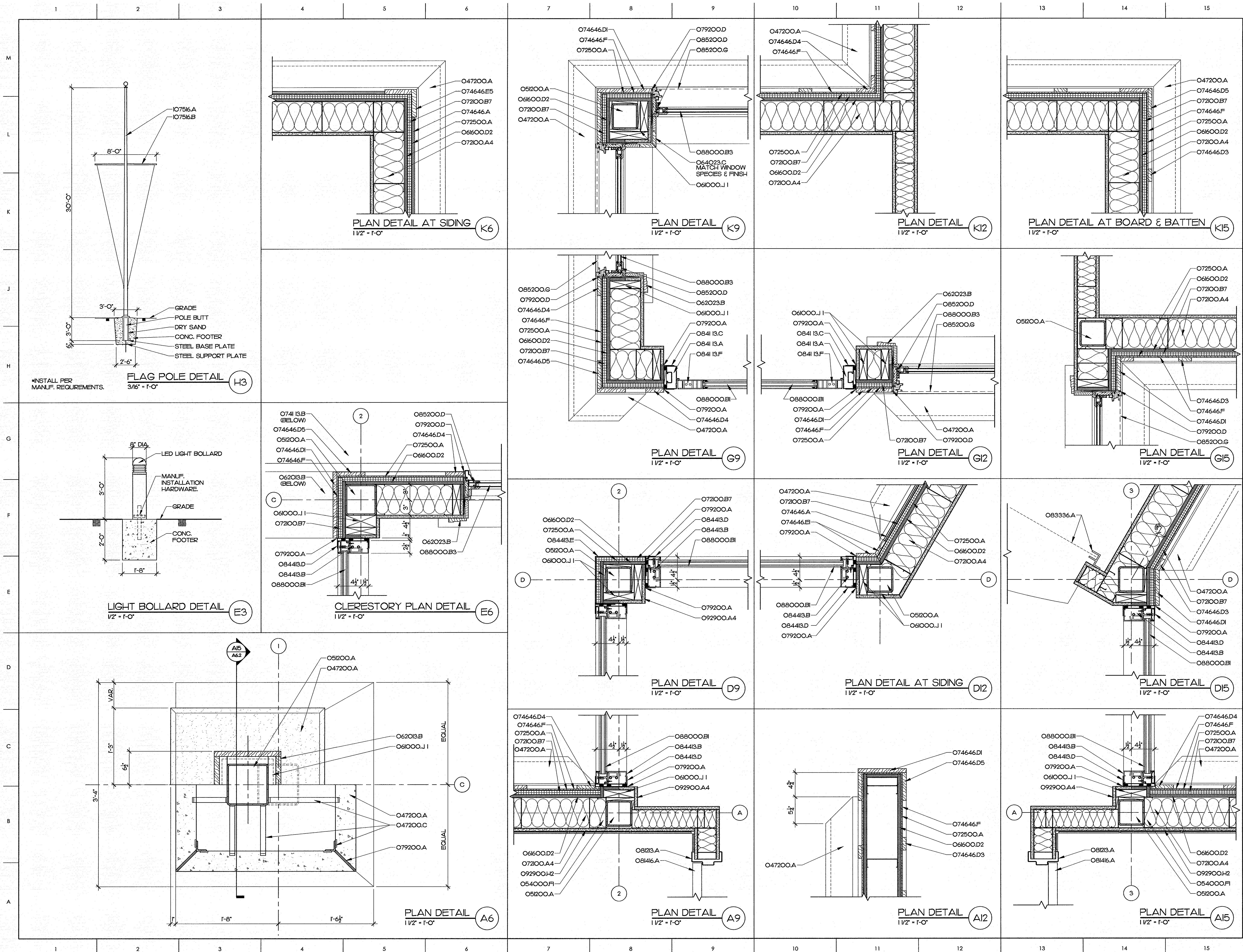
DRAWING TITLE

REFLECTED CEILING PLAN

SCALE	1/8" = 1'-0"	DRAWING NO
DRAWN	MCZ/DJH	
CHECKED	JKF	
DATE	6-26-2013	
PROJECT NO.	2013-04	

A5.1

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MATERIALS KEYING LEGEND

- 042000.E - FACE BRICK
- 047200.A - CAST STONE MASONRY
- 047200.C - CAST STONE MASONRY ANCHORS, BY MANUF.
- 051200.A - STRUCTURAL STEEL, SEE STRUCTURAL DRAWINGS
- 054000.FI - COLD FORMED METAL FRAMING, 6" STUD AT 16" O.C.
- 061000.JI - WOOD BLOCKING AS NOTED
- 061600.D2 - 1/2" THICK 5/8" THICK
- 062023.B - EXTERIOR WOOD TRIM 5/4X
- 062023.B - INTERIOR WOOD TRIM, WINDOW CASING, OPAQUE FINISH
- 064023.C - WOOD TRIM
- 072200.A4 - BATT INSULATION, 6" (R-19 MIN)
- 072500.A - 3/4" RIGID INSULATION (R4.0 MIN)
- 072500.A - BUILDING WRAP
- 0741I3.B - METAL ROOF, STANDING SEAM
- 074646.A - FIBER-CEMENT LAP SIDING
- 074646.B - FIBER-CEMENT SIDING, BOARD AND BATTEN
- 074646.DI - FIBER-CEMENT SIDING, TRIM BOARD IX
- 074646.D3 - FIBER-CEMENT SIDING, TRIM BOARD IX3
- 074646.D5 - FIBER-CEMENT SIDING, TRIM BOARD IX4
- 074646.D5 - FIBER-CEMENT SIDING, TRIM BOARD IX6
- 074646.D5 - FIBER-CEMENT SIDING, TRIM BOARD IX8
- 074646.EI - FIBER-CEMENT SIDING, TRIM BOARD 5/4X
- 074646.E5 - FIBER-CEMENT SIDING, TRIM BOARD 5/4X6
- 074646.F - FIBER-CEMENT SIDING, SHEATHING 5/16"
- 079200.D - SEALANT
- 079200.D - BACKER ROD & SEALANT
- 079200.E - COMPRESSIVE FILL
- 08123.A - HOLLOW METAL FRAME
- 0814I6.A - SOLID CORE WOOD DOOR, FLUSH
- 083336.A - OVERHEAD COILING GRILLE
- 0841I3.A - STOREFRONT FRAMING, THERMALLY BROKEN
- 0841I3.C - METAL SUB-FRAME
- 0841I3.F - ALUMINUM STILE & RAIL DOOR
- 0844I3.B - ALUMINUM CURTAIN WALL FRAMING
- 0844I3.D - METAL SUB-FRAME
- 0844I3.E - METAL TRIM
- 085200.D - CLAD WOOD WINDOW ASSEMBLY
- 085200.G - INSECT SCREEN
- 088000.BI - 1" INSULATING GLASS - LOW E
- 088000.B3 - 3/4" INSULATING GLASS - LOW E
- 092900.A4 - 5/8" GYPSUM WALLBOARD
- 092900.H2 - MR. GYPSUM BOARD, 5/8" THICK
- 07516.A - FLAGPOLE, GROUND SET
- 07516.B - YARD ARM

GENERAL NOTES

1. INSTALL PER MANUF. REQUIREMENTS.

2. 3/16" = 1'-0"

KEY PLAN

SCO ID #120956301; CODE 84210; ITEM 7826

NO	REVISION	DATE

JOHN K. FARKAS
REGISTERED ARCHITECT
5-27-2014
5922
SEATTLE, WA

JKF
ARCHITECTURE

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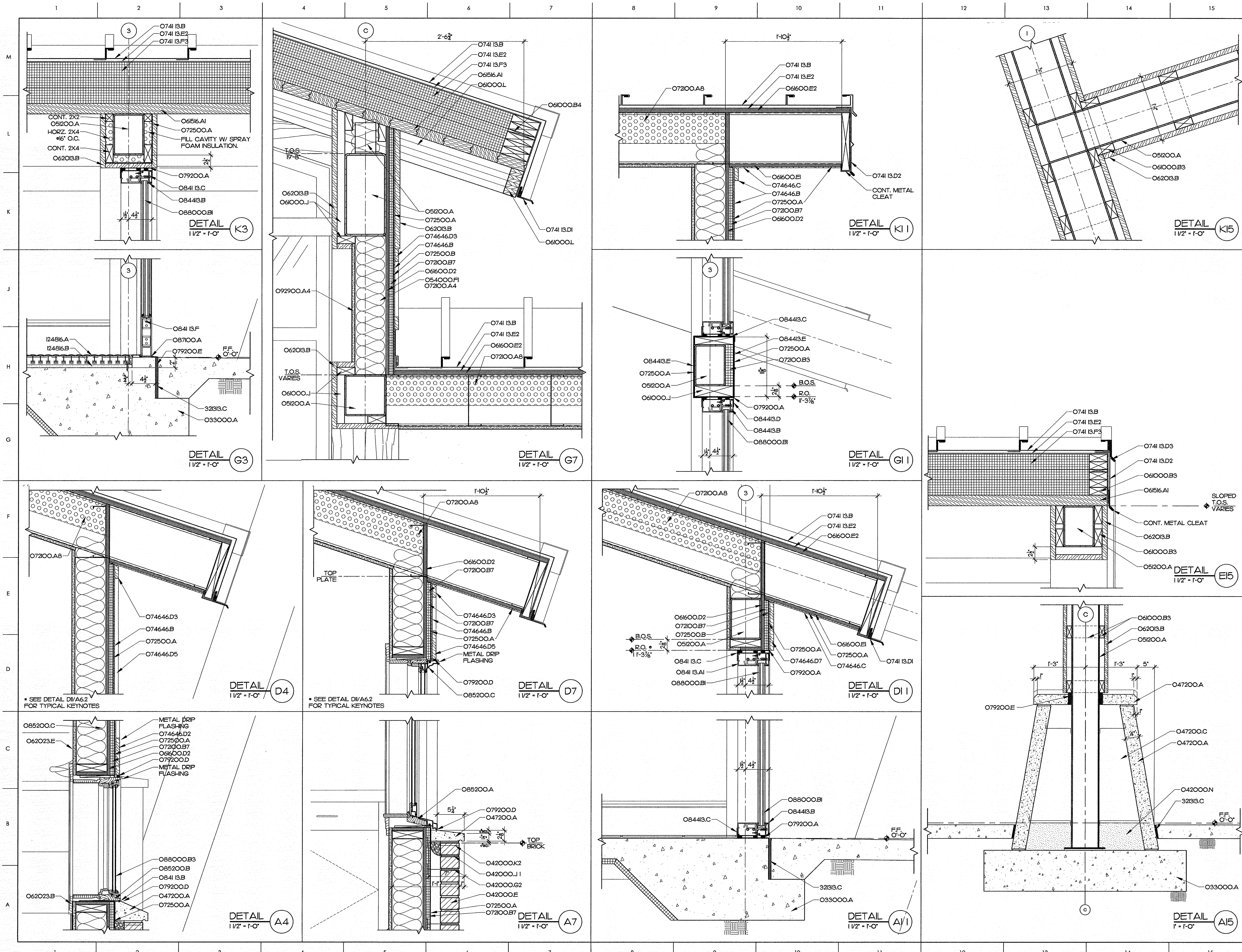
NC DEPARTMENT OF TRANSPORTATION
CURRITUCK WELCOME CENTER
CURRITUCK, NC

DRAWING TITLE
EXTERIOR DETAILS

SCALE	DRAWN	CHECKED	DATE	PROJECT NO.
AS NOTED	MCZ/DJH	JKF	6-26-2013	2013-04

DRAWING NO.
A6.1

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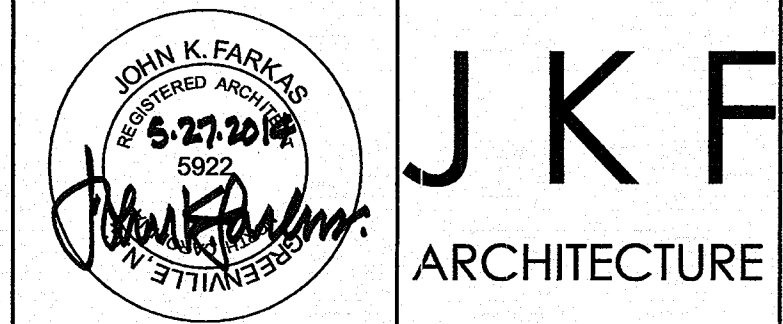
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- O33000.A - CONCRETE SLAB ON GRADE, SEE STRUCTURAL
 - O42000.E - FACE BRICK
 - O42000.G2 - ADJ. BRICK TIES AT 16" O.C. VERT., 24" O.C. HORIZ.
 - O42000.J1 - THRU-WALL FABRIC FLASHING
 - O42000.K2 - WEEP SLOTS AT 16" O.C.
 - O47200.C - CAST STONE MASONRY
 - O47200.C - CAST STONE MASONRY ANCHORS, BY MAN.
 - O5200.A - NATURAL STEEL, SEE STRUCTURAL DRAWINGS
 - O54000.F - COLD FORMED METAL FRAMING, 5" STUD AT 16" OC
 - O61000.B3 - 2X6
 - O61000.B4 - BLOCKING
 - O61000.J - PARALLEL STRAND LUMBER, SEE STRUCTURAL
 - O61516.A1 - WOOD ROOF DECKING, 2X6, T&G
 - O61600.D2 - PLYWOOD SHEATHING, 5/8" THICK
 - O61600.E1 - PLYWOOD ROOF SHEATHING, 1/2" THICK
 - O61600.E2 - PLYWOOD ROOF SHEATHING, 3/4" T&G
 - O6203.B - EXTERIOR WOOD TRIM, 5/4X
 - O62023.B - INTERIOR WOOD TRIM, WINDOW CASING, OPAQUE FINISH
 - O62023.E - INTERIOR WOOD TRIM, 1/2" TRIM BOARD OPAQUE FINISH
 - O7200.A4 - BATT INSULATION, 6" (R-19 MIN)
 - O7200.A8 - SPRAY FOAM INSULATION, 8" (R-38.4 MIN)
 - O7200.B2 - 1" RIGID INSULATION
 - O7200.B3 - 1/2" RIGID INSULATION
 - O7200.B7 - 3/4" RIGID INSULATION (R-4.0 MIN)
 - O72500.A - BUILDING WRAP
 - O741 I3.B - METAL ROOF, STANDING SEAM
 - O741 I3.D1 - METAL TRIM
 - O741 I3.D2 - Z-CLOSURE TRIM W/SEALS
 - O741 I3.E2 - SELF-ADHERING SHEET
 - O741 I3.F3 - RIGID INSULATION, 6" THICK
 - O74646.B - FIBER-CEMENT SIDING, BOARD AND BATTEN
 - O74646.C - FIBER-CEMENT SIDING SOFFIT BOARD
 - O74646.D1 - FIBER-CEMENT SIDING, TRIM BOARD IX
 - O74646.D2 - FIBER-CEMENT SIDING, TRIM BOARD IX
 - O74646.D3 - FIBER-CEMENT SIDING, TRIM BOARD IX
 - O74646.D5 - FIBER-CEMENT SIDING, TRIM BOARD IX
 - O74646.D7 - FIBER-CEMENT SIDING, TRIM BOARD IX
 - O79200.A - SEALANT
 - O79200.D - BACKER ROD & SEALANT
 - O79200.E - COMPRESSIVE FILL
 - O841 I3.A1 - STOREFRONT FRAMING
 - O841 I3.B - METAL SILL PAN
 - O841 I3.C - METAL SUB-FRAME
 - O841 I3.F - ALUMINUM STILE & RAIL DOOR
 - O8443.B - ALUMINUM CURTAINWALL FRAMING
 - O8443.C - METAL SILL PAN
 - O8443.D - METAL SUB-FRAME
 - O8443.E - METAL TRIM
 - O85200.A - CLAD WOOD DOUBLE HUNG WINDOW
 - O85200.B - CLAD WOOD PROJECTING WINDOW
 - O85200.C - CLAD WOOD FIXED WINDOW
 - O8700.A - THERMAL BREAK THRESHOLD
 - O88000.B1 - 1/2" INSULATING GLASS - LOW E
 - O88000.B3 - 3/4" INSULATING GLASS - LOW E
 - O92900.A4 - 3/8" GYPSUM WALLBOARD
 - I24816.A - FOOT GRILLE, RECESSED
 - I24816.B - LEVELING BED FRAME FOR FOOT
 - 32333.C - EXPANSION JOINT

GENERAL NOTES

KEY PLAN

SCO ID #120956301; CODE 84210; ITEM 7826

NO REVISION DATE



JKF
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NC DEPARTMENT OF
TRANSPORTATION
CURRITUCK WELCOME CENTER
CURRITUCK, NC

DRAWING TITLE
EXTERIOR DETAILS

SCALE
AS NOTED

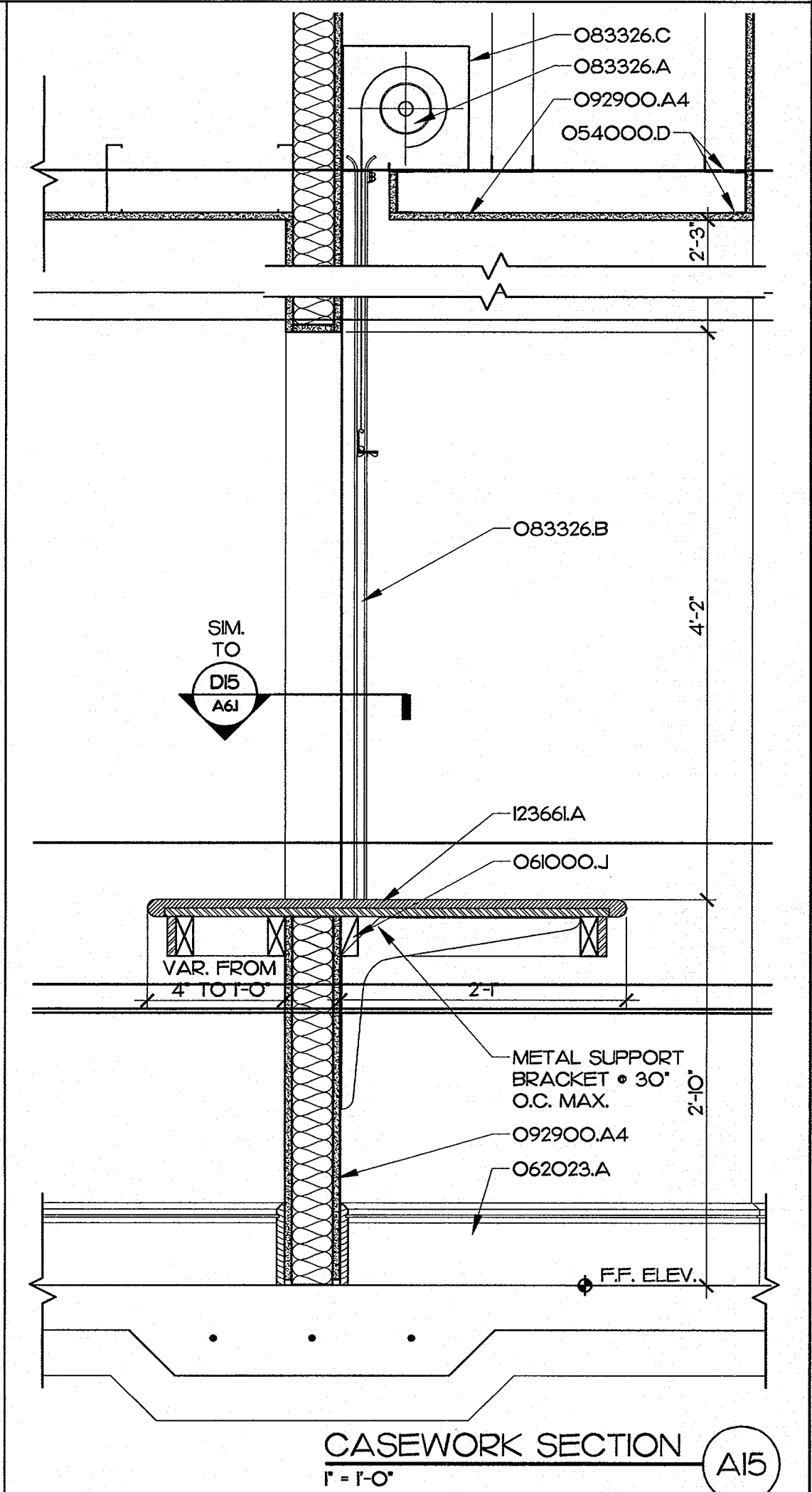
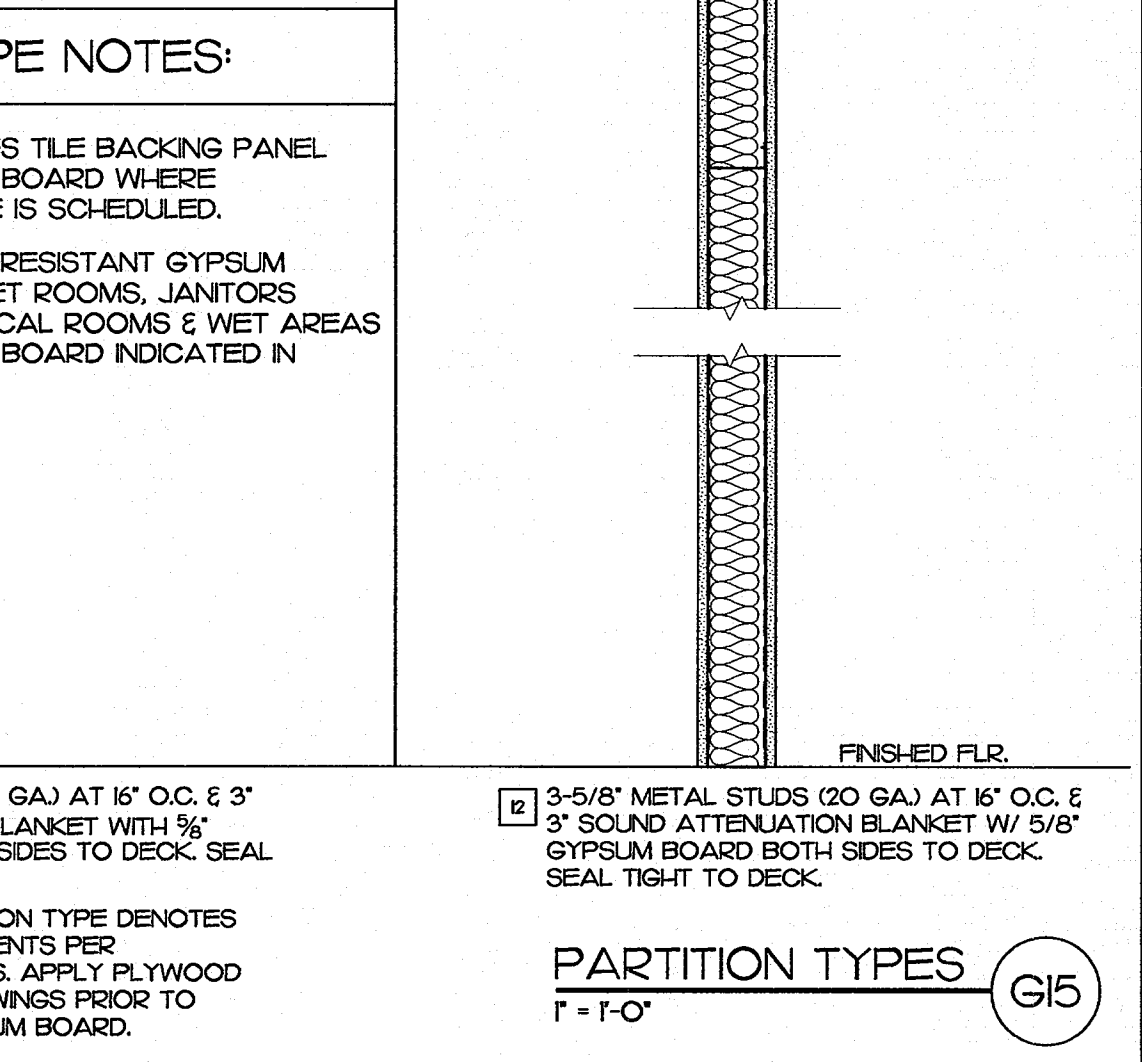
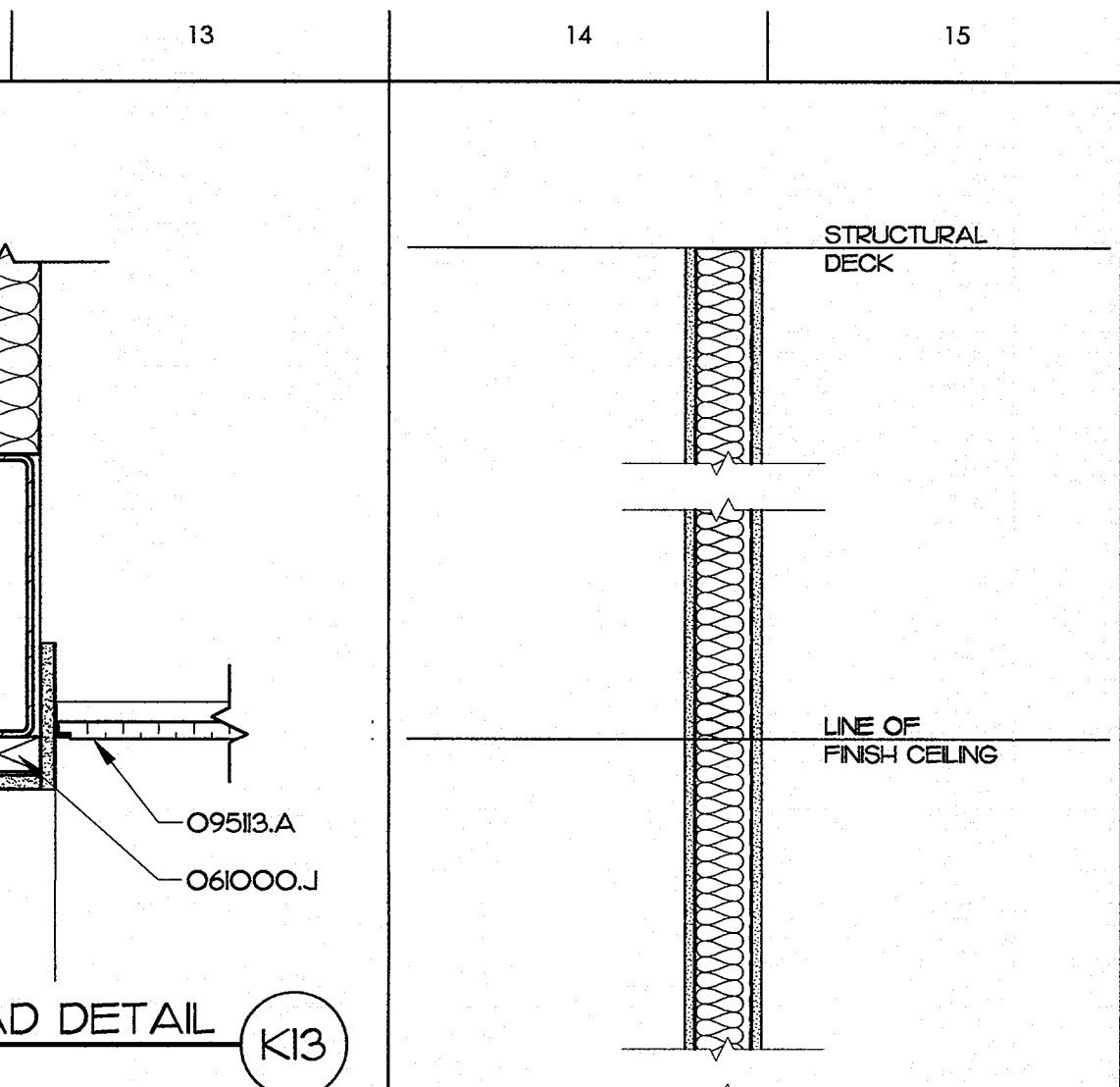
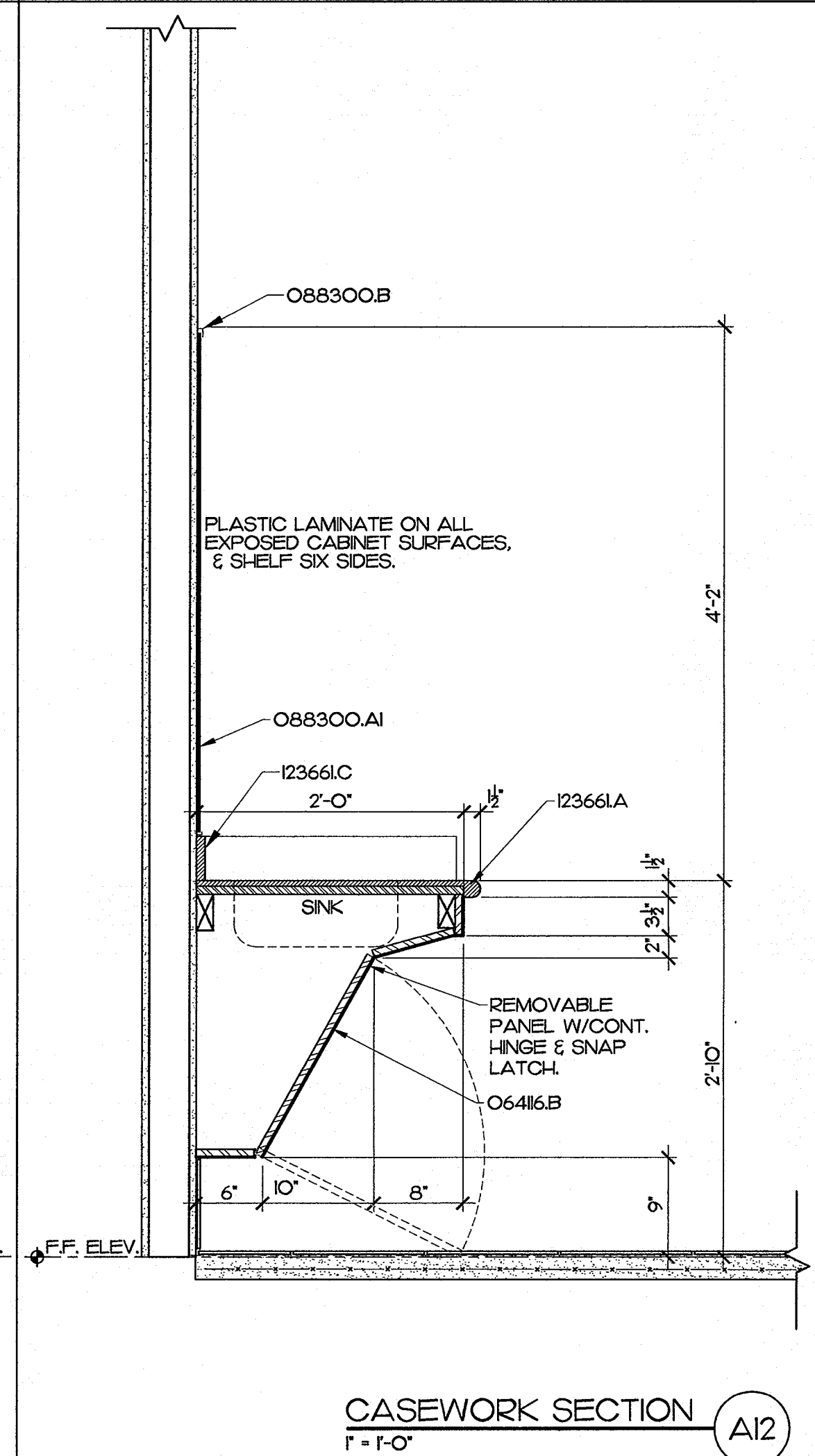
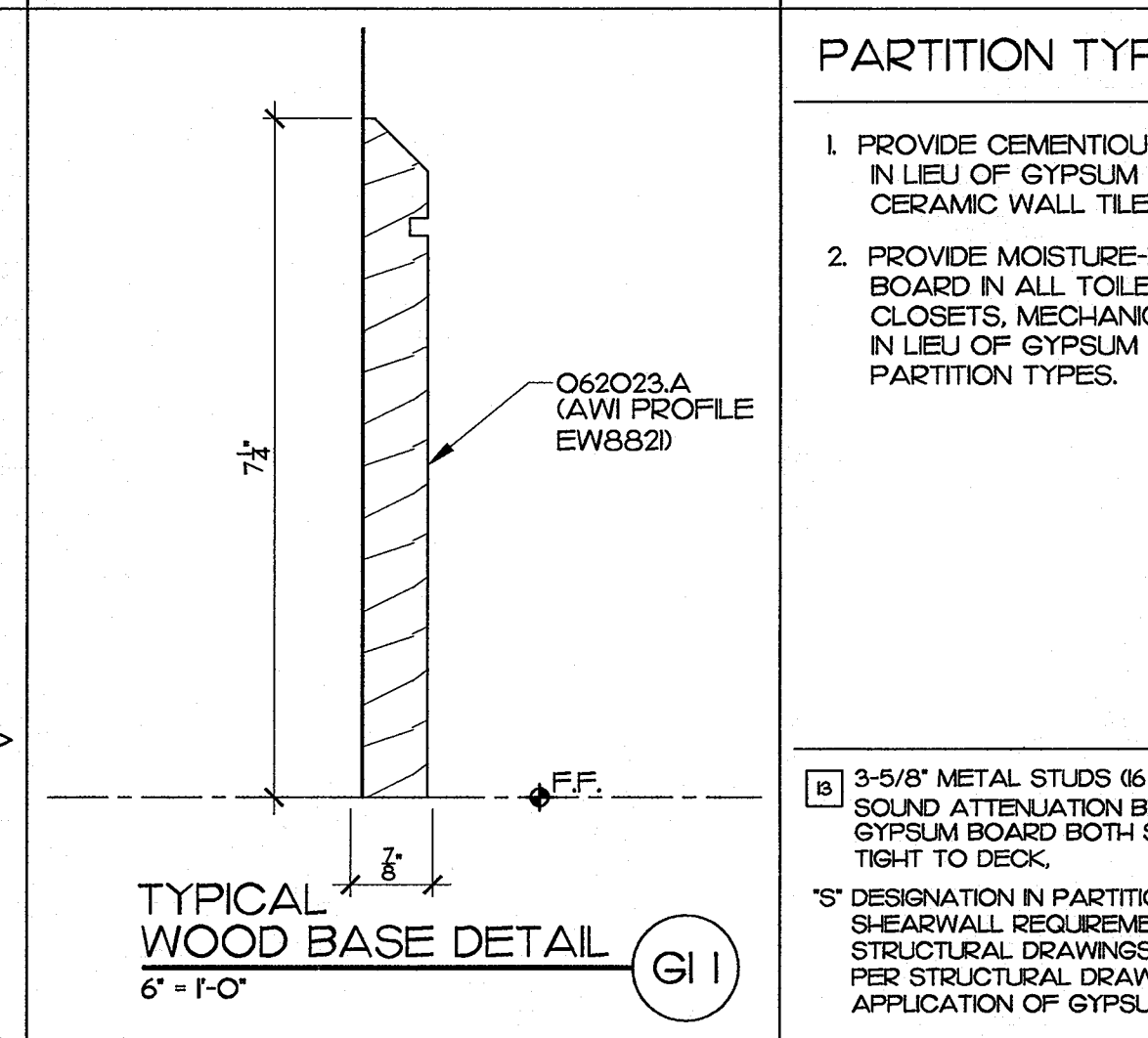
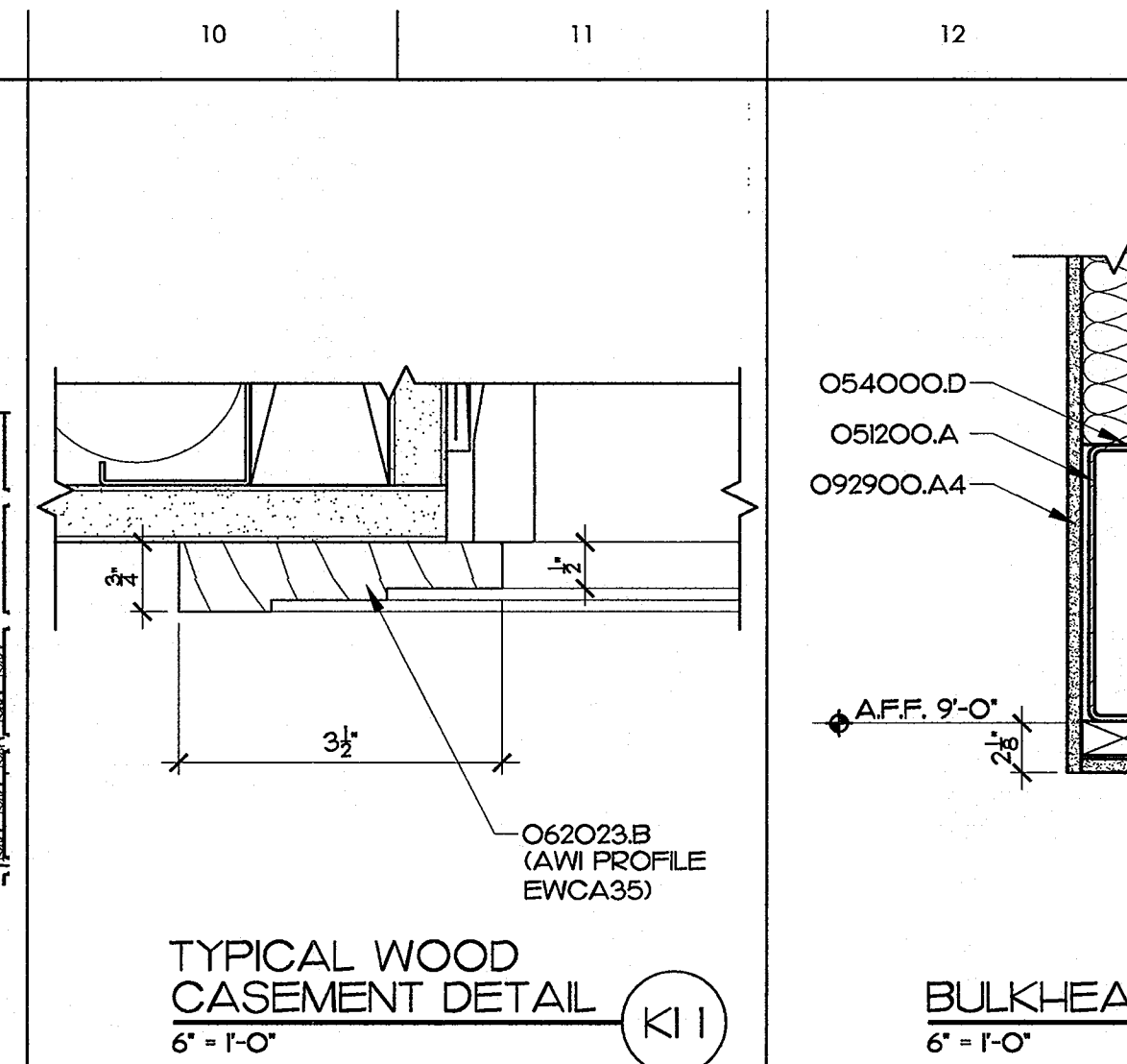
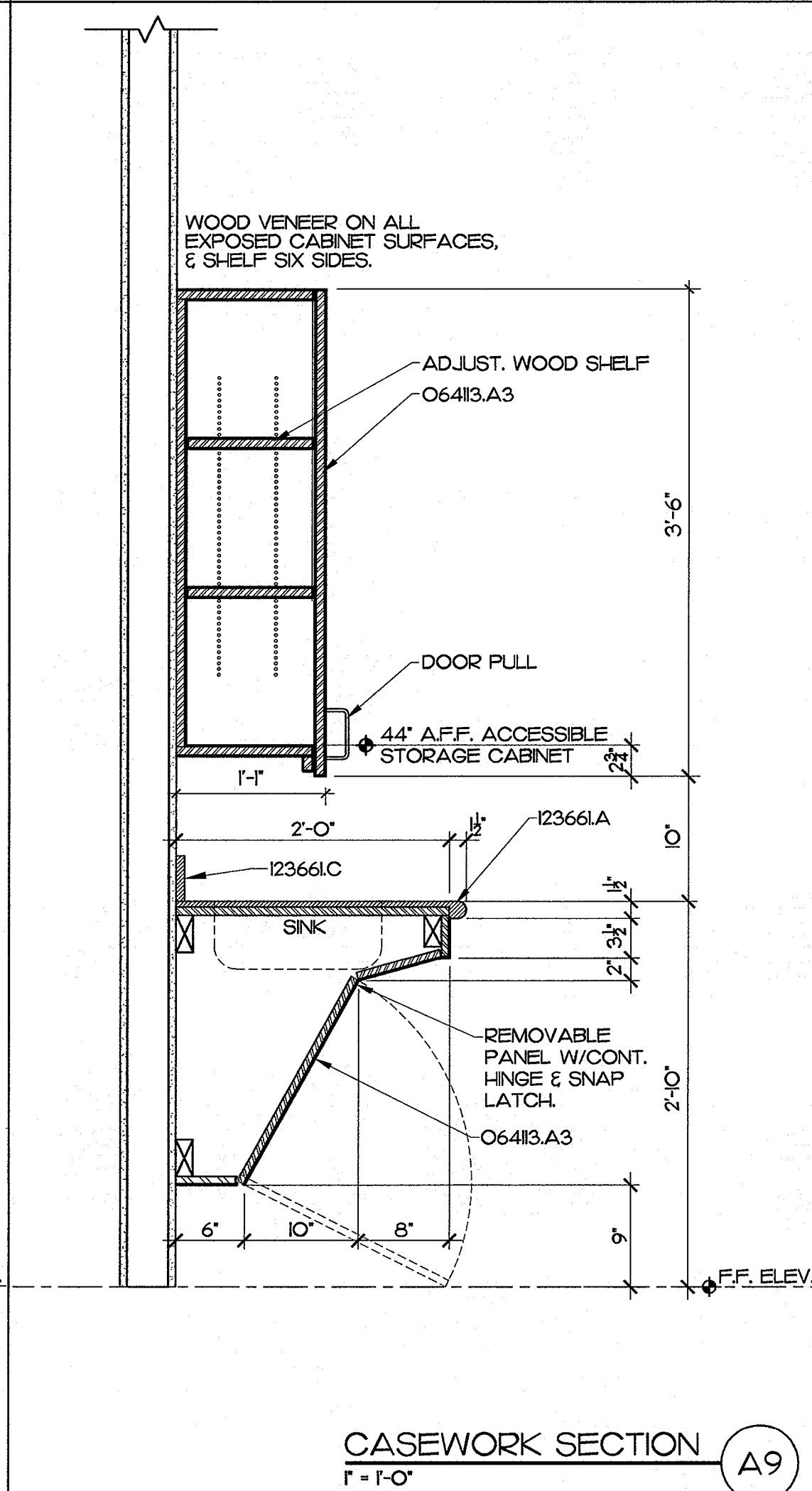
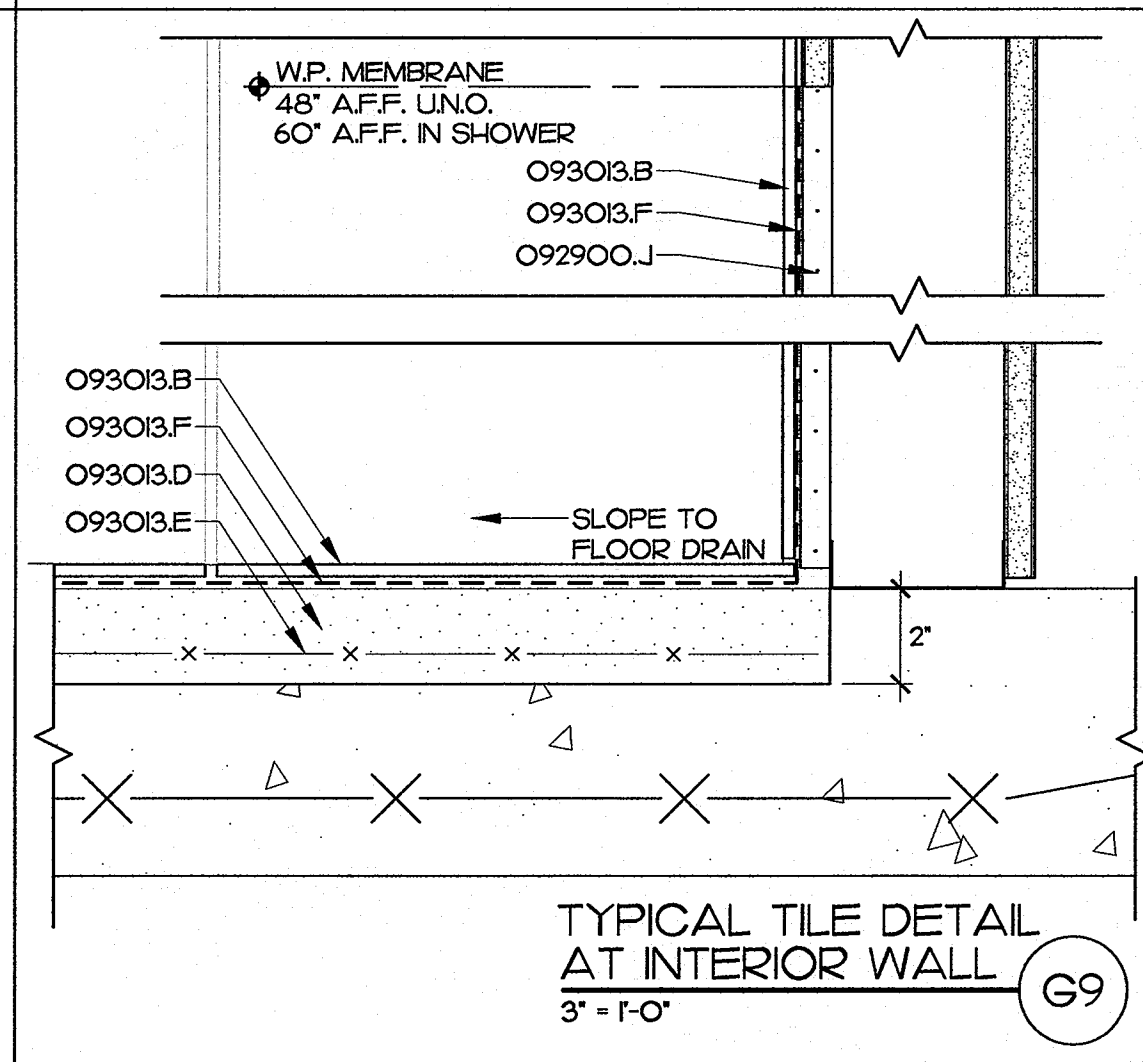
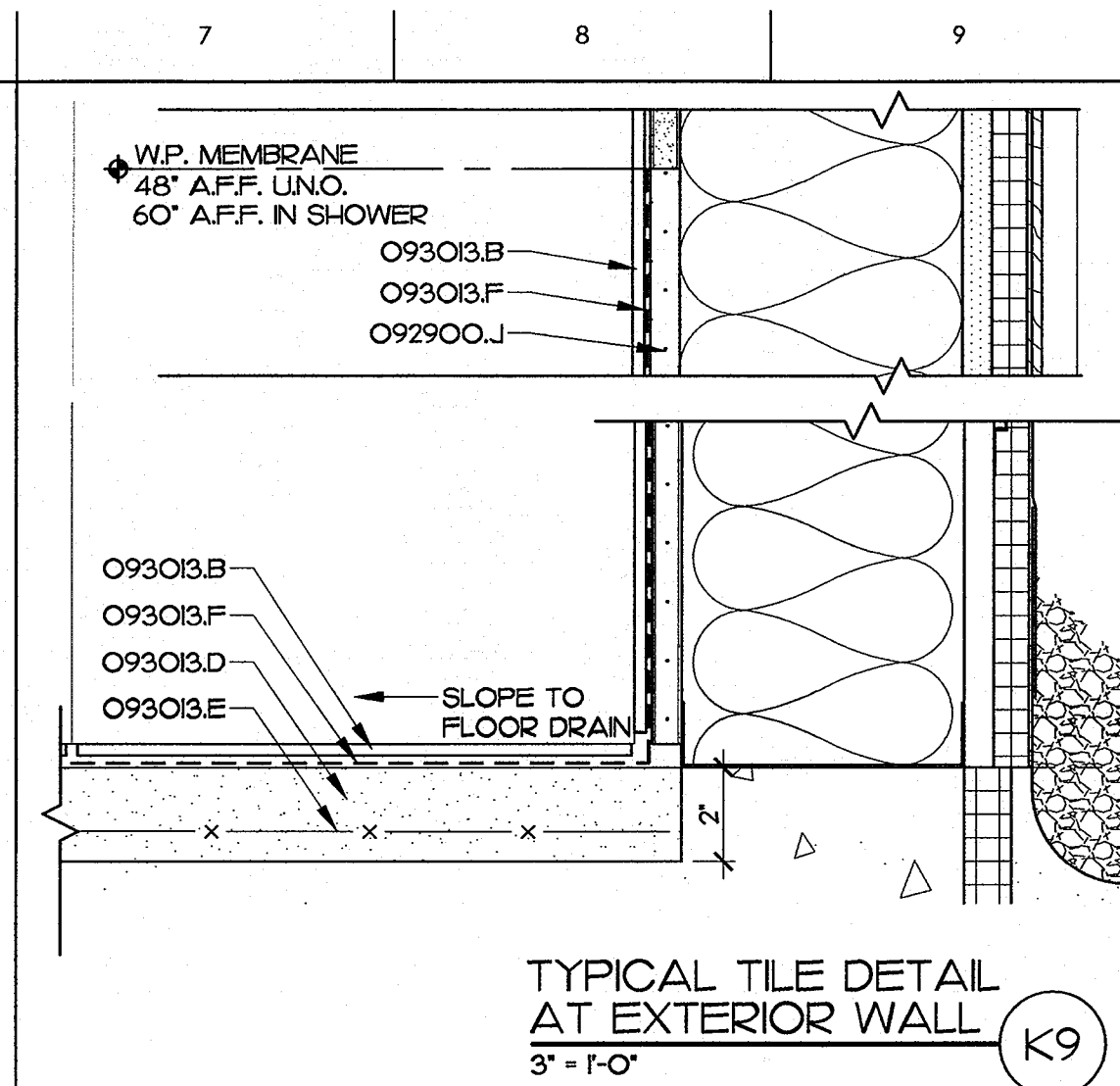
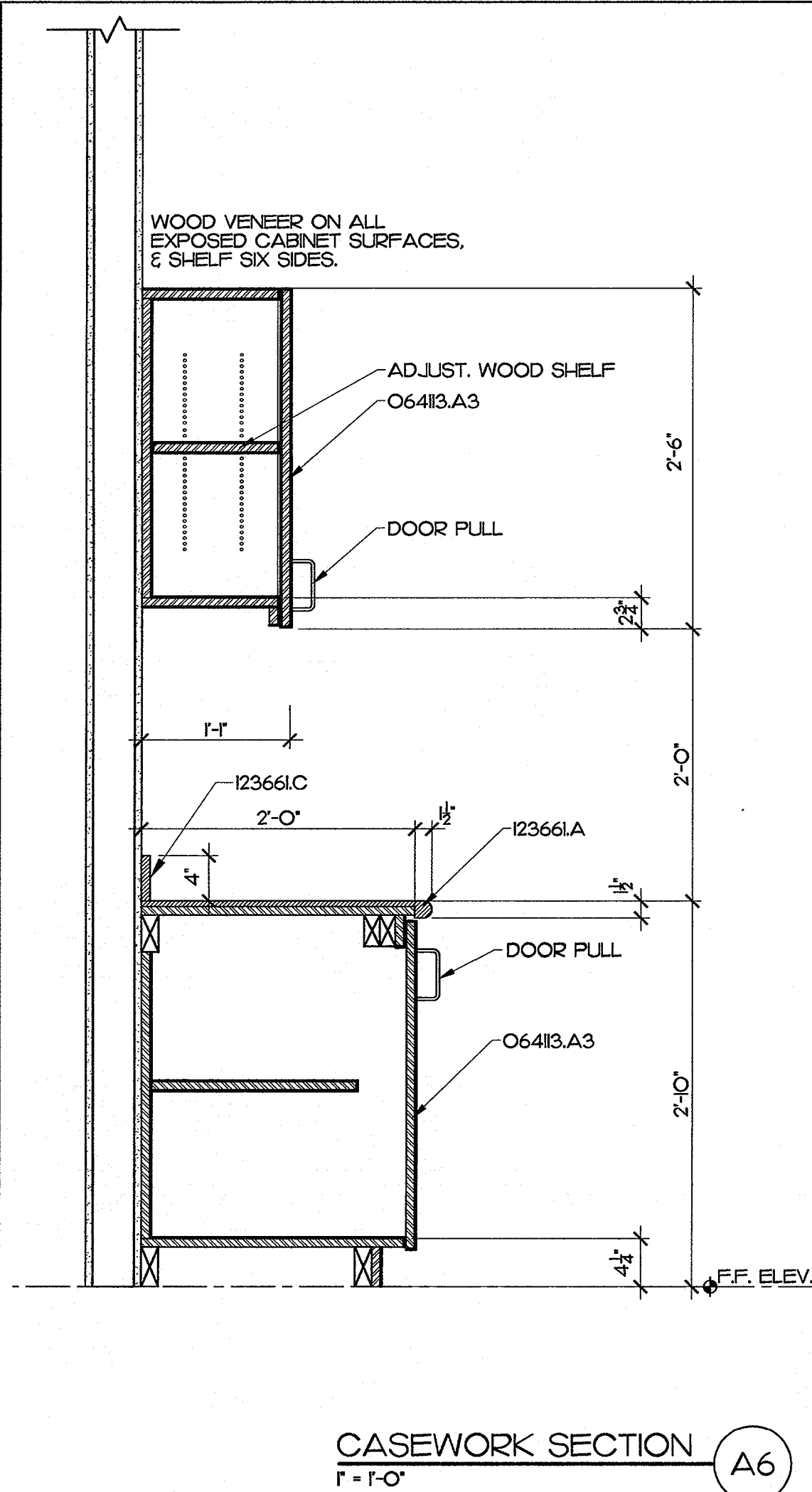
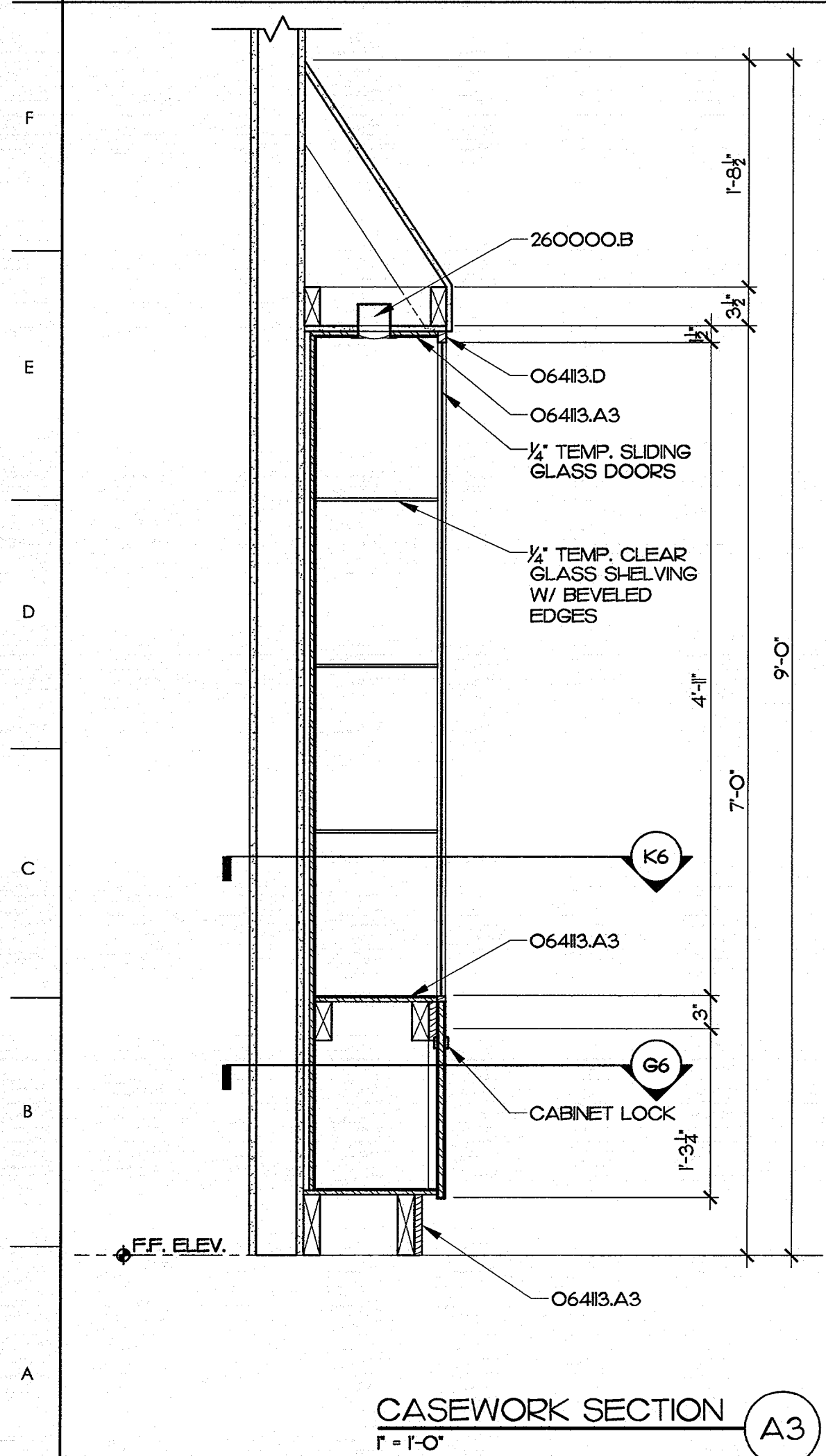
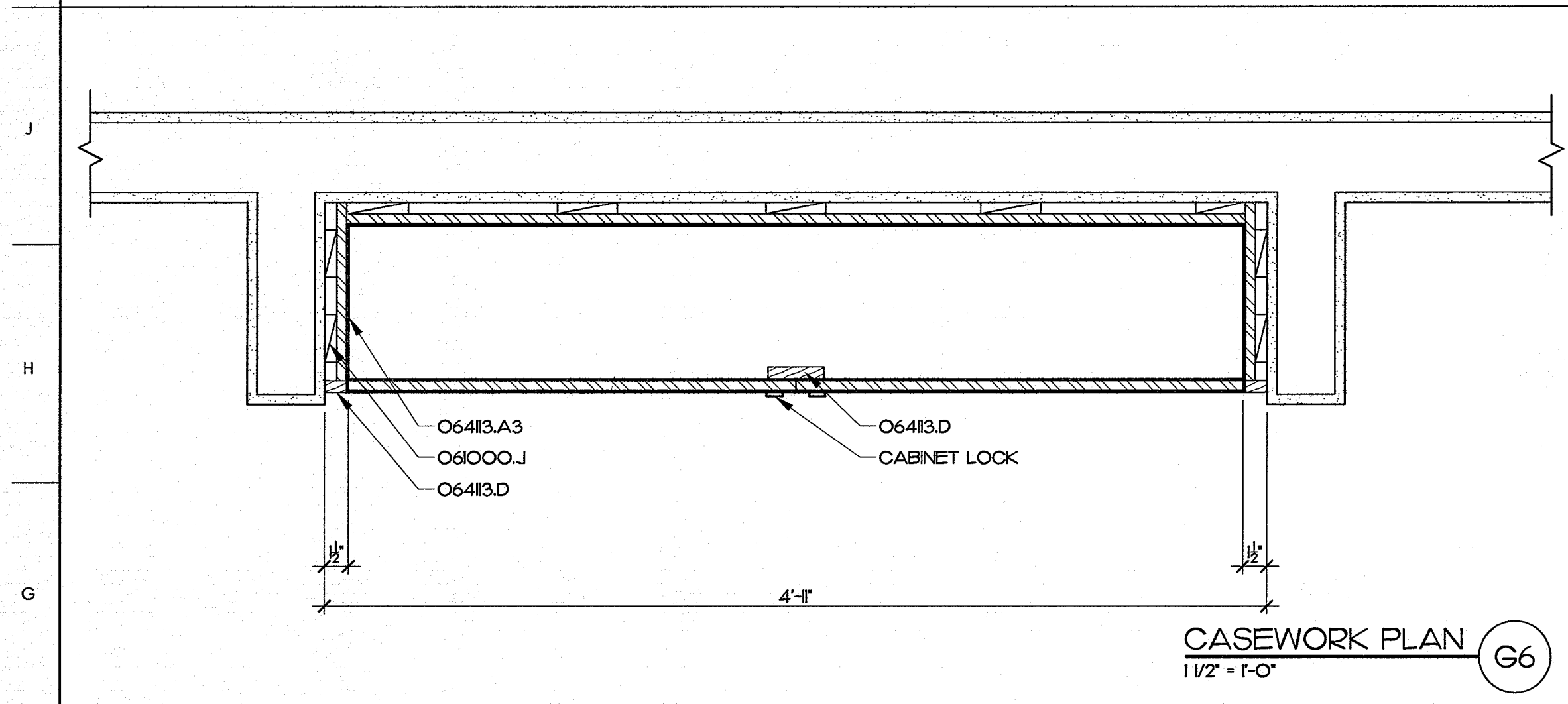
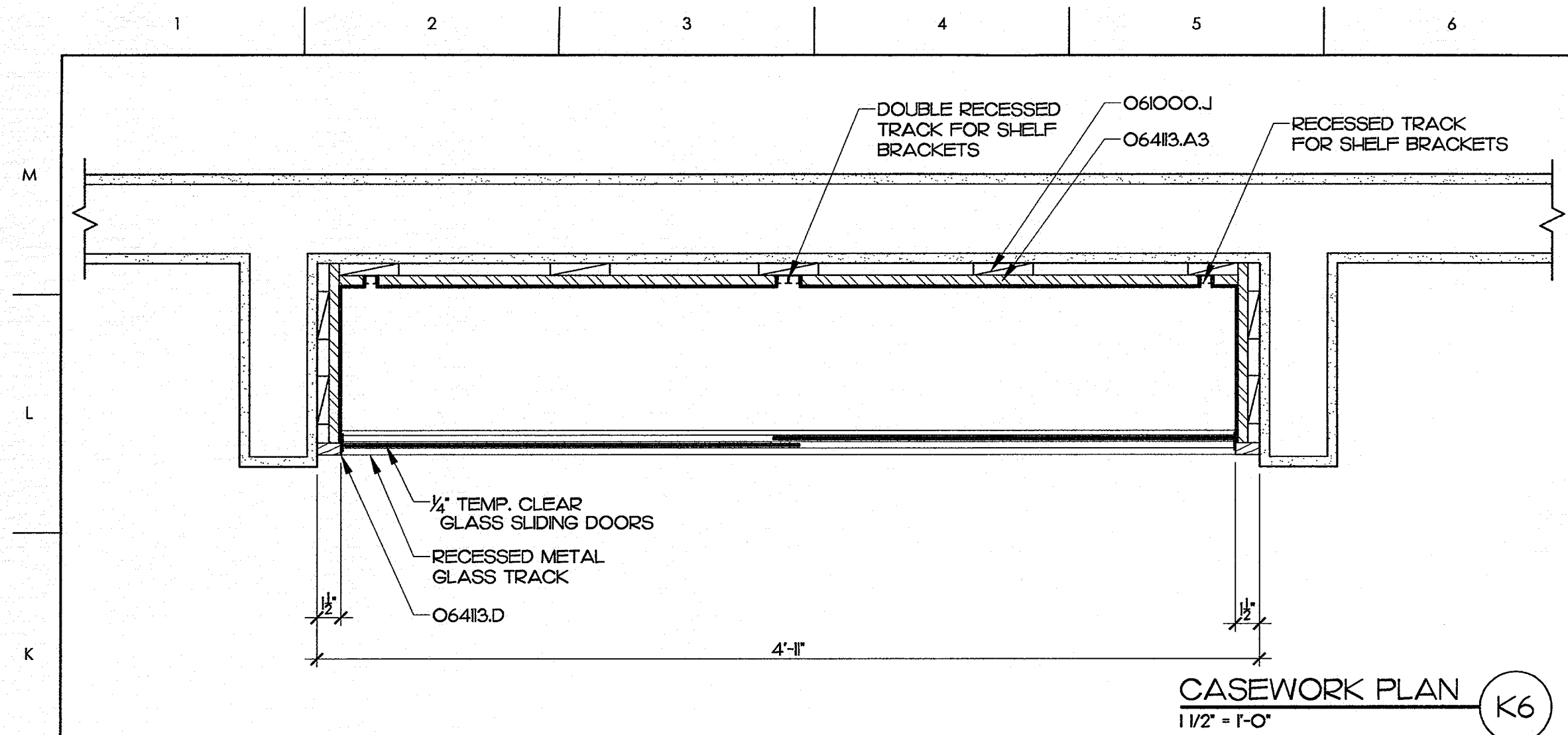
DRAWN
MCZ/DJH

CHECKED
JKF

DATE
6-26-2013

PROJECT NO.
2013-04

DRAWING NO.
A6.2



MATERIALS KEYING LEGEND	
051000.A	- STRUCTURAL STEEL, SEE STRUCTURAL DRAWINGS
054000.D	- COLD FORMED METAL FRAMING, 3-5/8\"
061000.J	- BLOCKING
062023.A	- INTERIOR WOOD TRIM, WALL BASE, OPAQUE FINISH
062023.B	- INTERIOR WOOD TRIM, WINDOW CASING, OPAQUE FINISH
06413.A.3	- WOOD-VENEER PLYWOOD, 3/4\"
06413.D	- SOLID WOOD TRIM
06416.B	- PLASTIC LAMINATE, 3/4\"
083326.A	- OVERHEAD COILING GRILLE DOOR ASSEMBLY
083326.B	- METAL TRACK
083326.C	- METAL HOUSING
088300.A1	- 1/4\"
088300.B	- CONT. J-CHANNEL
092900.A.4	- 5/8\"
092900.J	- CEMENTIOUS BACKER UNIT
093013.B	- CERAMIC TILE
093013.D	- MORTAR BED
093013.E	- REINFORCING MESH
093013.F	- WATERPROOFING MEMBRANE
09513.A	- ACOUSTICAL PANEL, CEILING SYSTEM
123661.A	- SIMULATED STONE COUNTERTOP
123661.C	- SIMULATED STONE BACKSPLASH
260000.B	- INTERIOR LIGHT FIXTURE

GENERAL NOTES

1. PROVIDE CEMENTIOUS TILE BACKING PANEL IN LIEU OF GYPSUM BOARD WHERE CERAMIC WALL TILE IS SCHEDULED.
2. PROVIDE MOISTURE-RESISTANT GYPSUM BOARD IN ALL TOILET ROOMS, JANITORS CLOSETS, MECHANICAL ROOMS & WET AREAS IN LIEU OF GYPSUM BOARD INDICATED IN PARTITION TYPES.
3. 3-5/8\"
4. 3-5/8\"
5. DESIGNATION IN PARTITION TYPE DENOTES SHEARWALL REQUIREMENTS PER STRUCTURAL DRAWINGS. APPLY PLYWOOD PER STRUCTURAL DRAWINGS PRIOR TO APPLICATION OF GYPSUM BOARD.

KEY PLAN

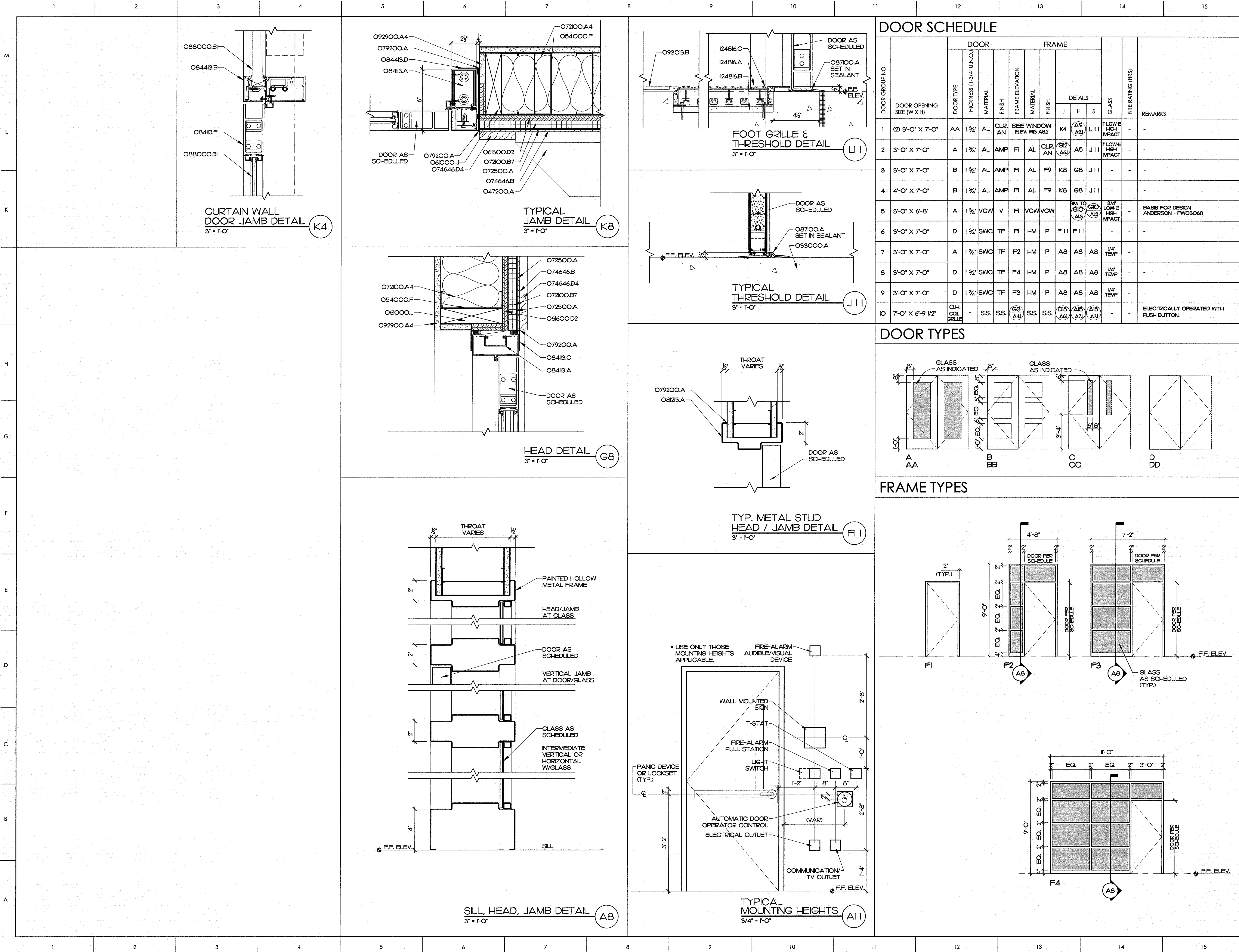
SCO ID #120956301; CODE 84210; ITEM 7826	
NO	REVISION
DATE	

JOHN K. FARFAS
REGISTERED ARCHITECT
5.21.2014
5922
J K F
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NC DEPARTMENT OF
TRANSPORTATION
CURRITUCK WELCOME CENTER
TOWN OF CURRITUCK, NC

DRAWING TITLE	
INTERIOR PARTITION TYPES & INTERIOR DETAILS	
SCALE	AS NOTED
DRAWN	DJH
CHECKED	JKF
DATE	6-26-2013
PROJECT NO.	2013-04



MATERIALS KEYING LEGEND

- 033000.A - CONCRETE SLAB ON GRADE, SEE STRUCTURAL
- 047200.A - CAST STONE MASONRY
- 054000.F - COLD FORMED METAL FRAMING, 6" STUD
- 061000.J - BLOCKING
- 06600.D2 - PLYWOOD SHEATHING, 5/8" THICK
- 07200.A4 - BATT INSULATION, 6" (R-19 MIN)
- 07200.B7 - 3/4" RIGID INSULATION, (R-4.0 MIN)
- 072500.A - BUILDING WRAP
- 074646.B - FIBER-CEMENT SIDING, BOARD AND BATTEN
- 074646.D4 - FIBER-CEMENT SIDING, TRIM BOARD IX4
- 079200.A - SEALANT
- 08123.A - HOLLOW METAL FRAME
- 08413.A - STOREFRONT FRAMING, THERMALLY BROKEN
- 08413.C - METAL SUB-FRAME
- 08413.F - ALUMINUM STILE & RAIL DOOR
- 084413.B - ALUMINUM CURTAINWALL FRAMING
- 084413.D - METAL SUB-FRAME
- 08700.A - THERMAL BREAK THRESHOLD
- 088000.B1 - INSULATING GLASS - LOW E
- 092900.A4 - 5/8" GYPSUM WALLBOARD
- 093000.B - CERAMIC TILE, 12X12
- 124816.A - FOOT GRILLE, RECESSED
- 124816.B - LEVELING BED FRAME FOR FOOT GRILLE
- 124816.C - FOOT GRILLE FRAME

GENERAL NOTES

KEY PLAN

SCO ID #120956301; CODE 84210; ITEM 7826

NO	REVISION	DATE

SEAL

JOHN K. FARKAS
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JOHN K. FARKAS
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**NC DEPARTMENT OF TRANSPORTATION
CURRITUCK WELCOME CENTER
TOWN OF CURRITUCK, NC**

DOOR SCHEDULE & DETAILS

AS NOTED

DJH/MCZ

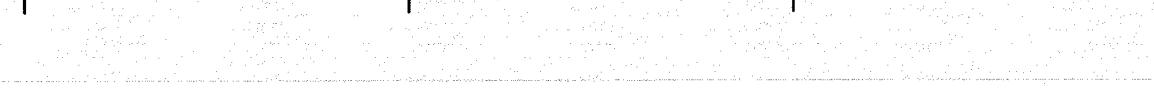
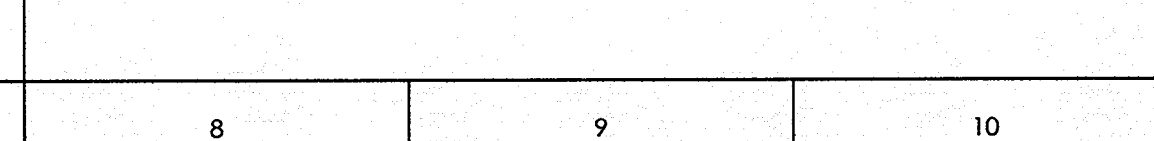
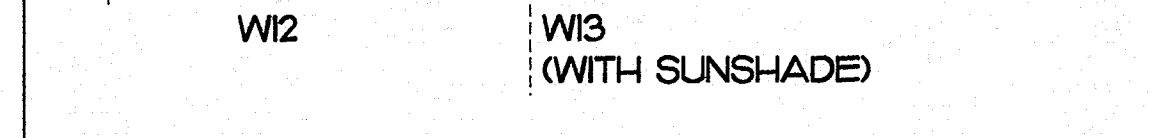
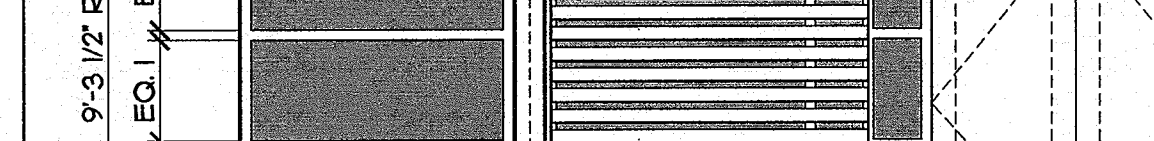
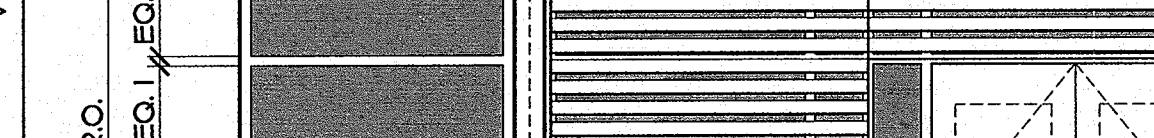
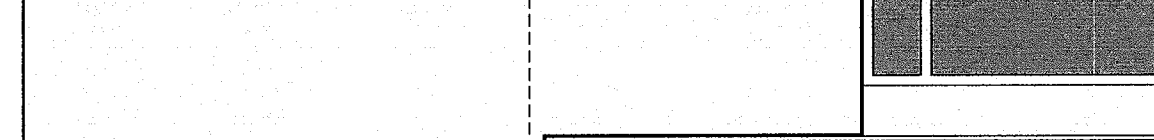
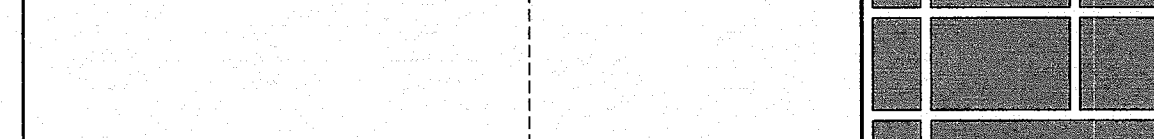
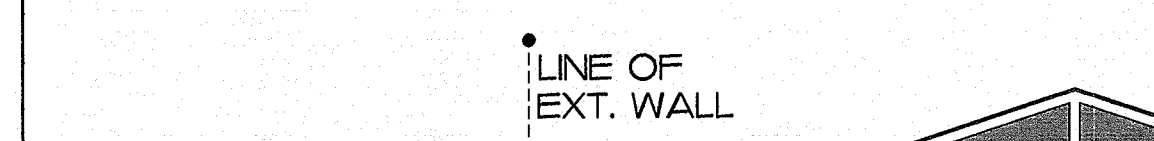
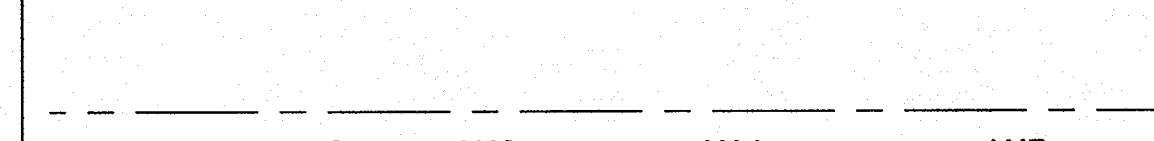
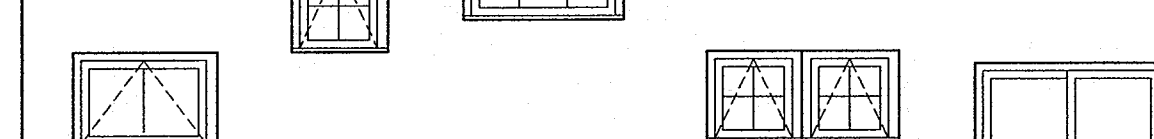
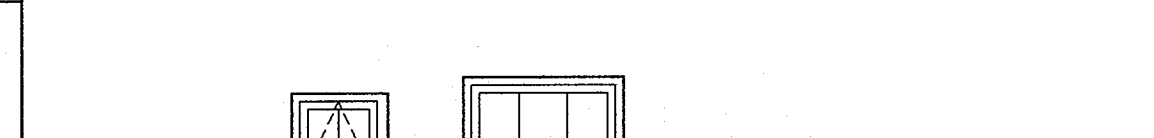
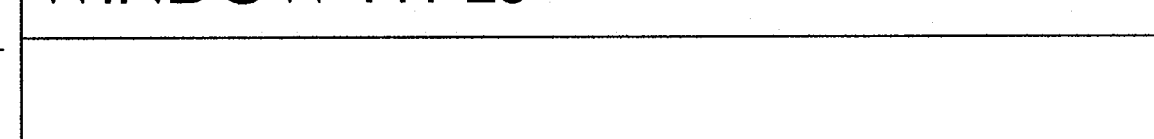
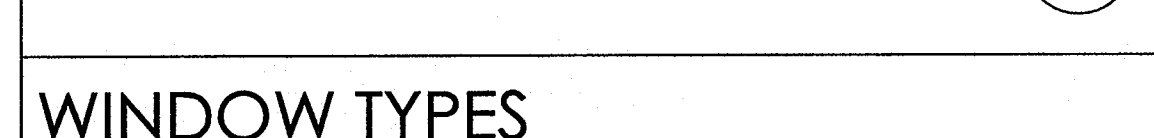
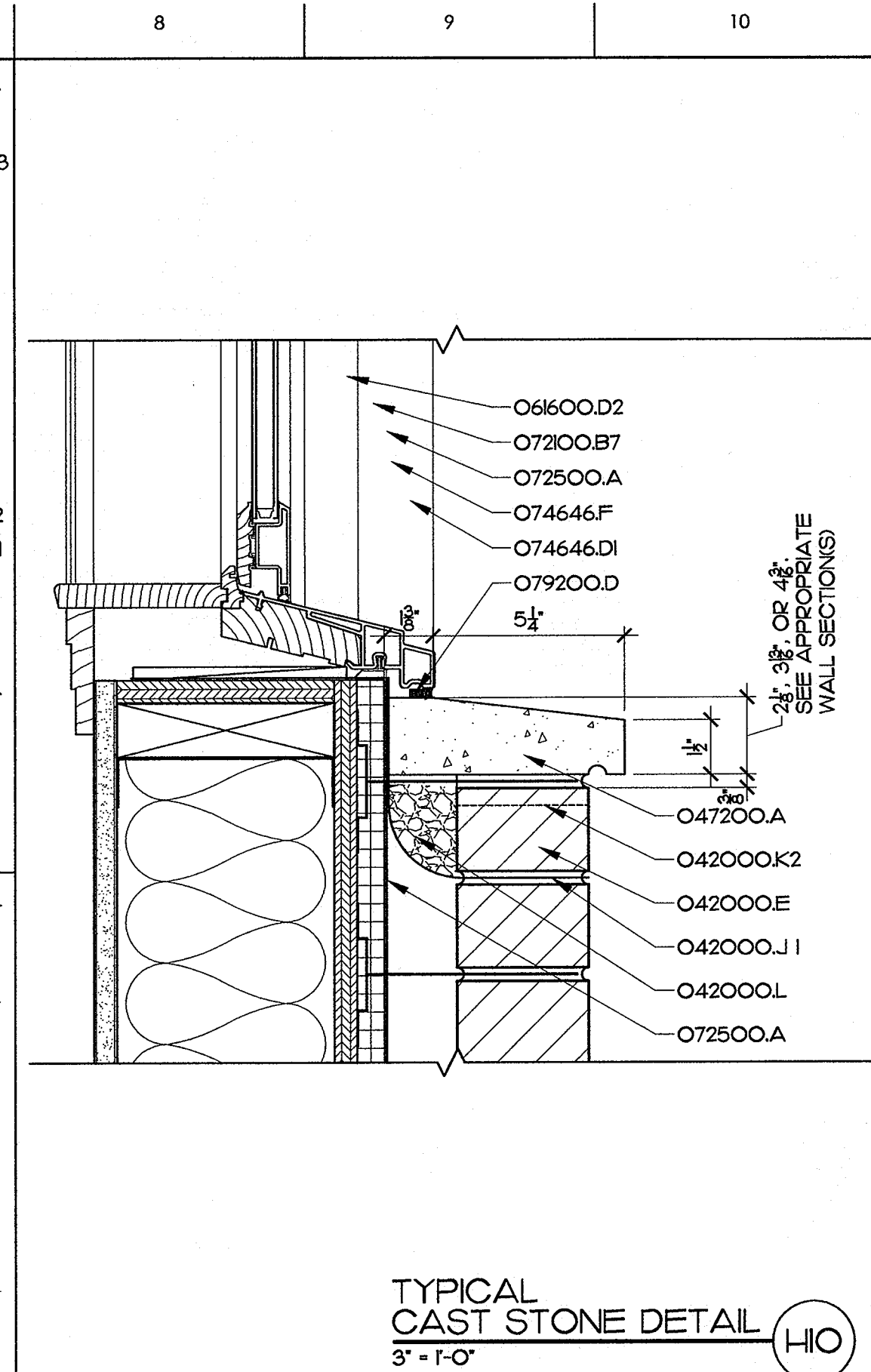
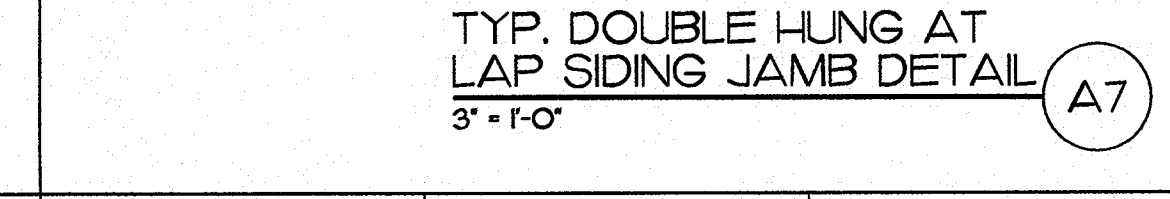
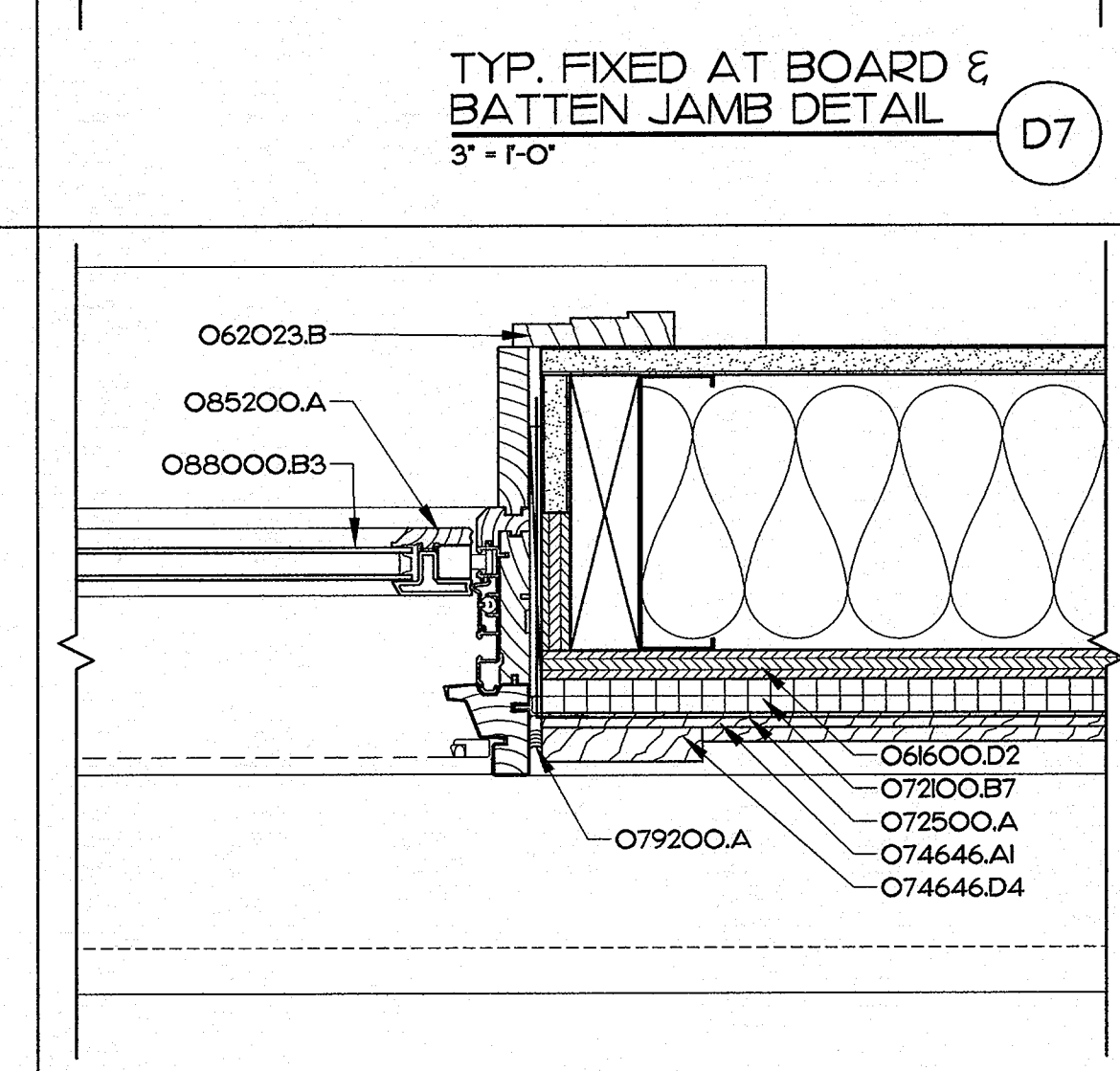
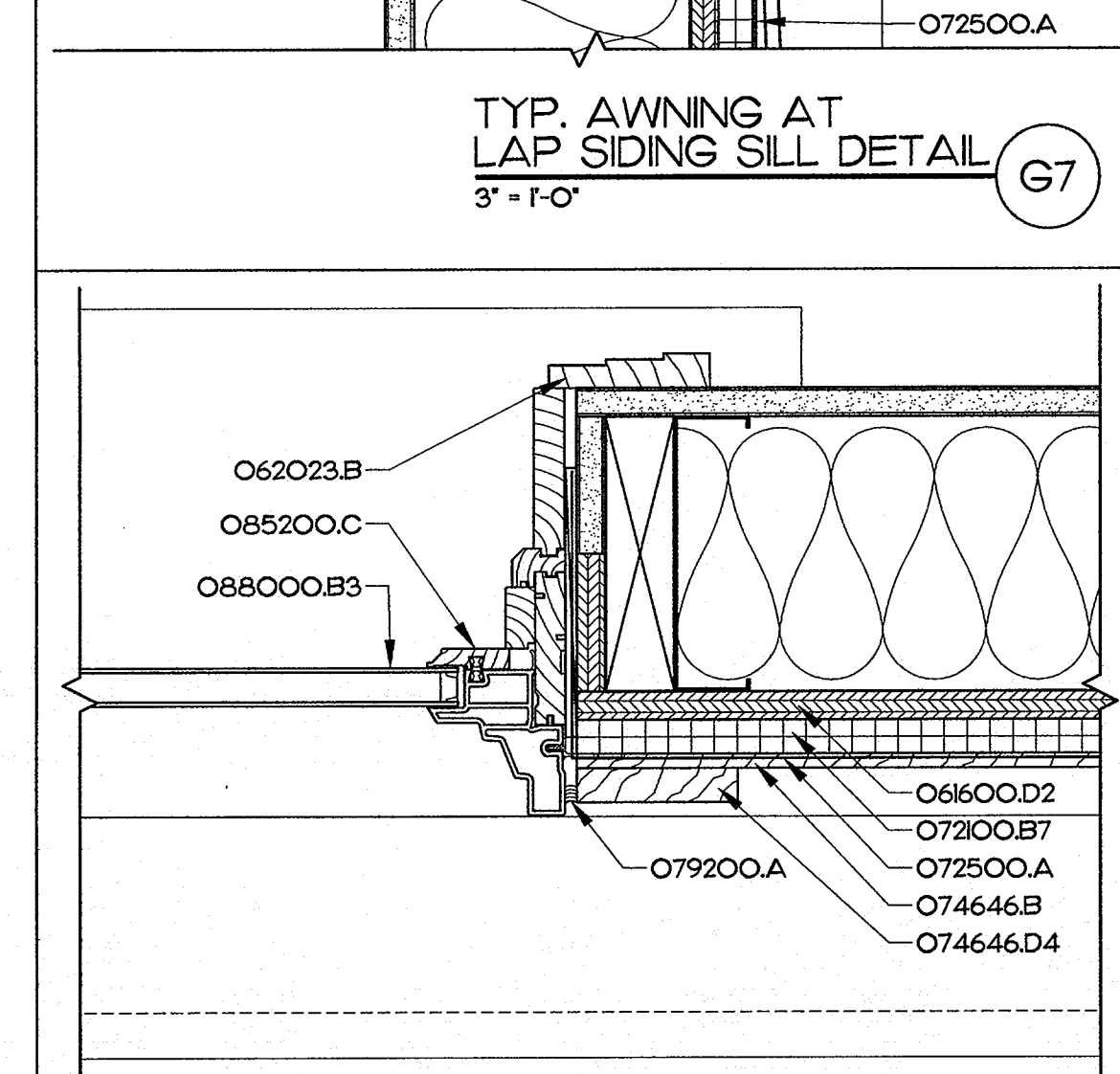
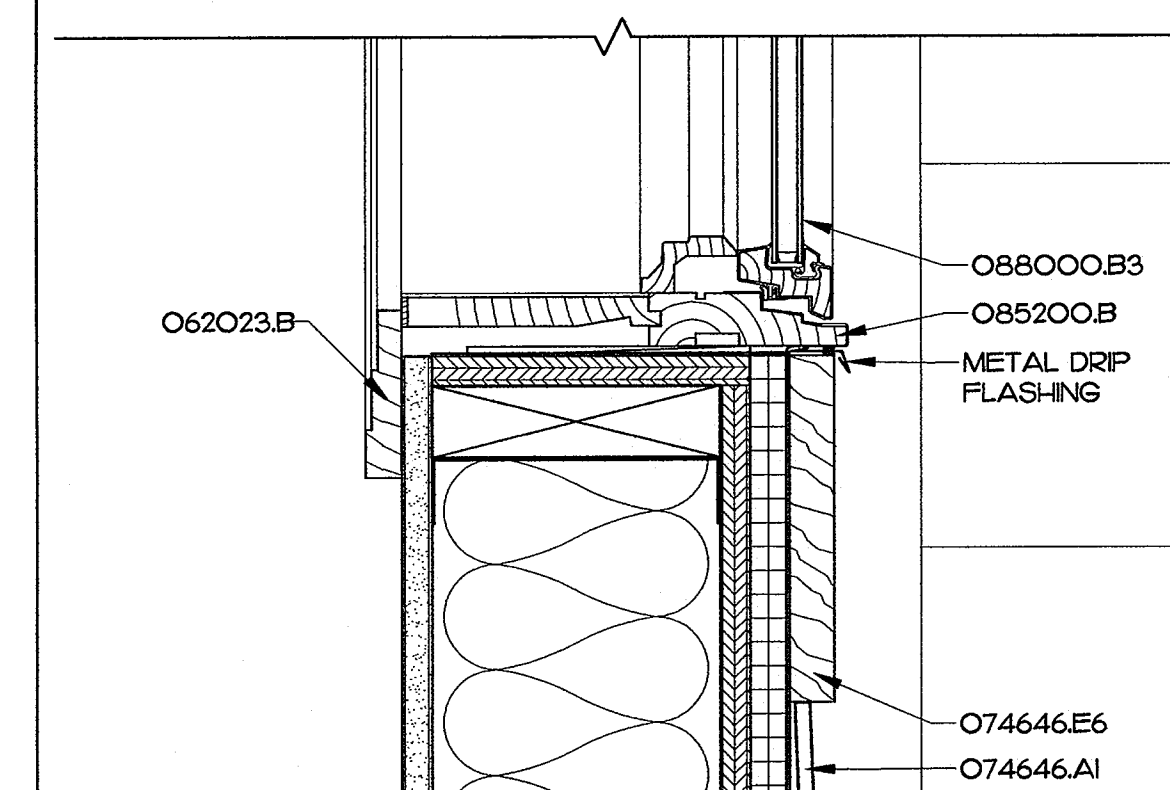
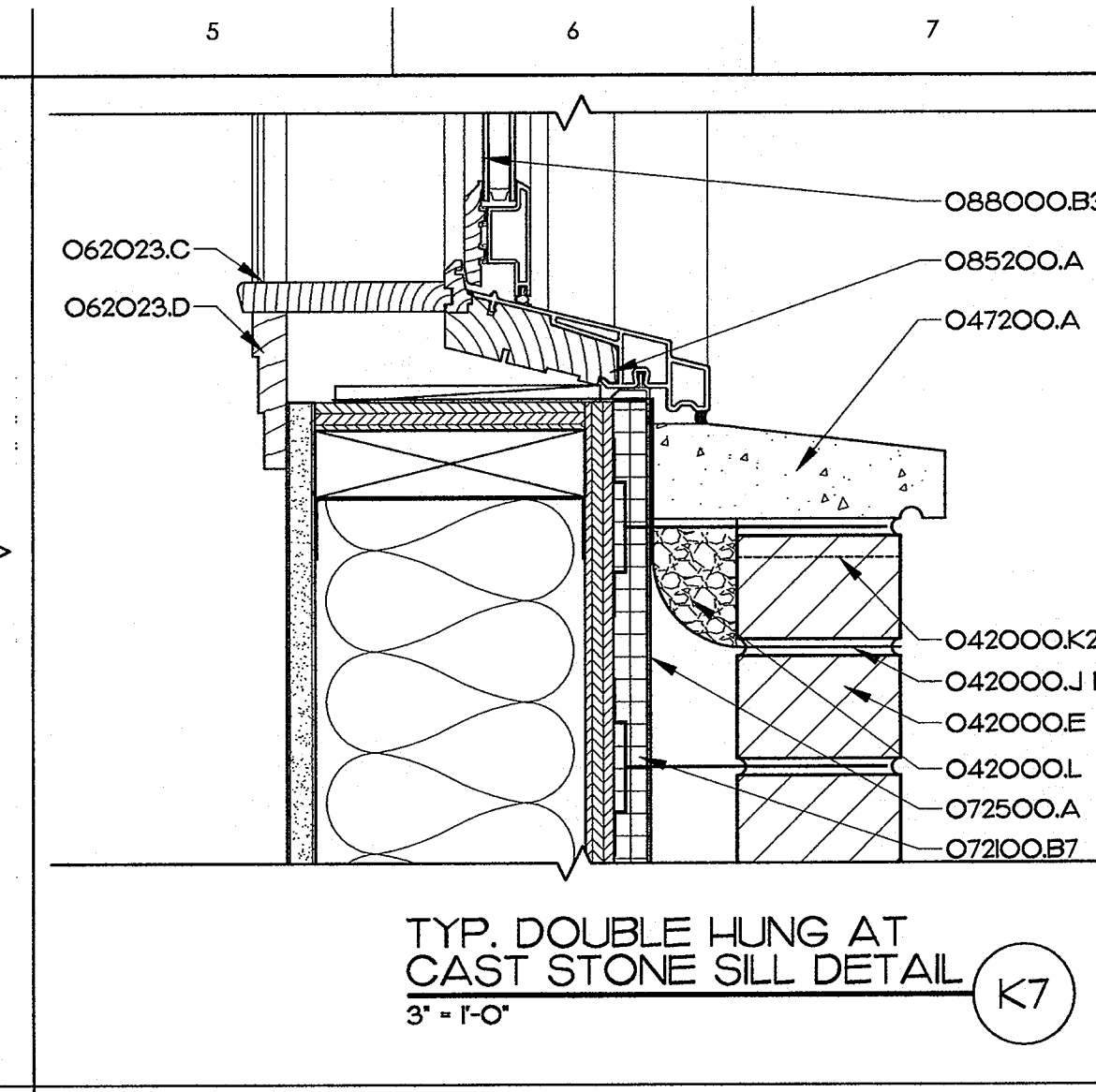
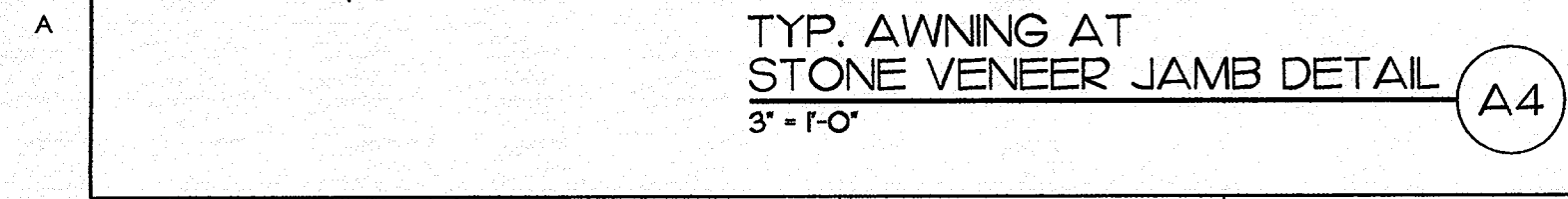
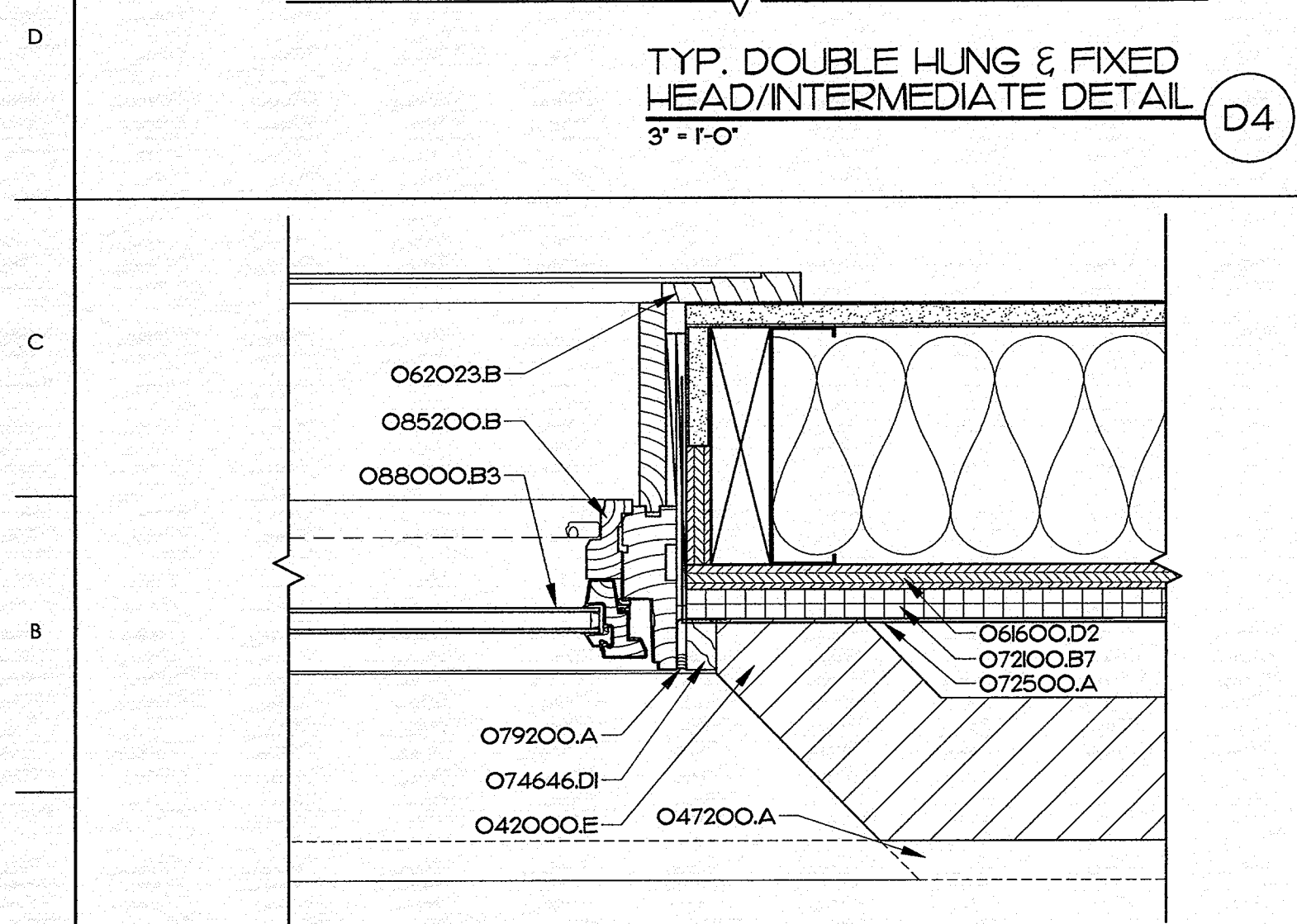
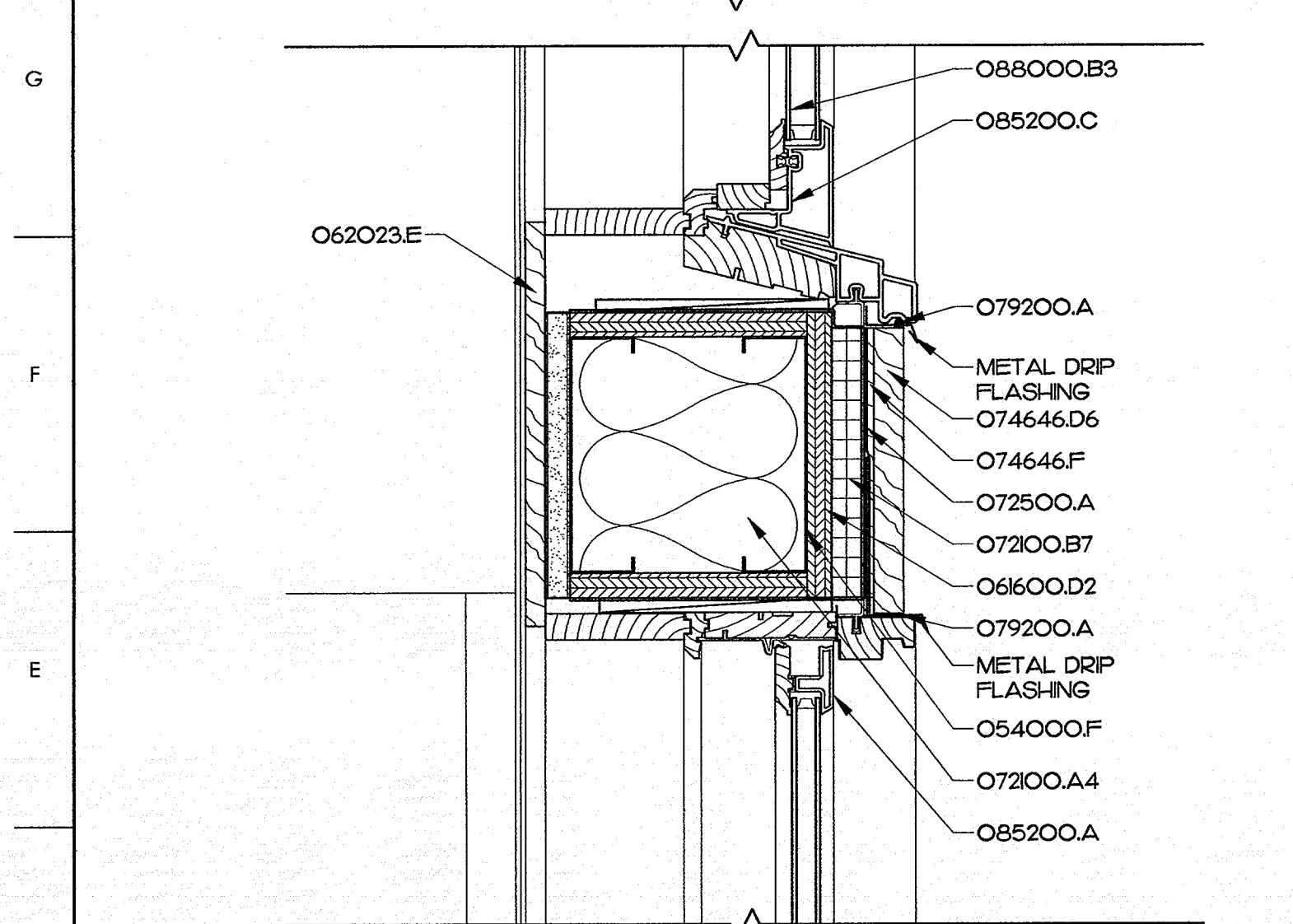
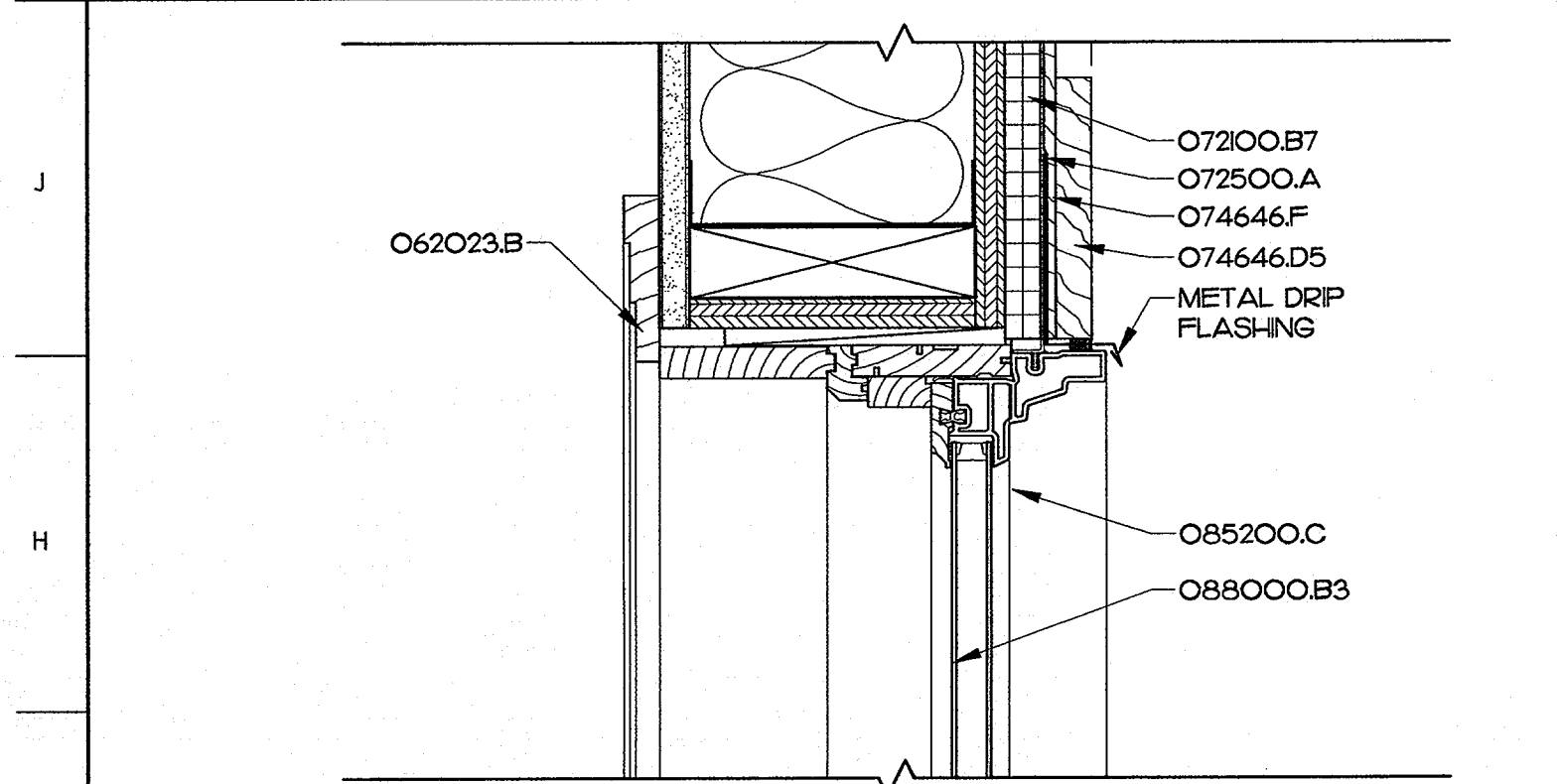
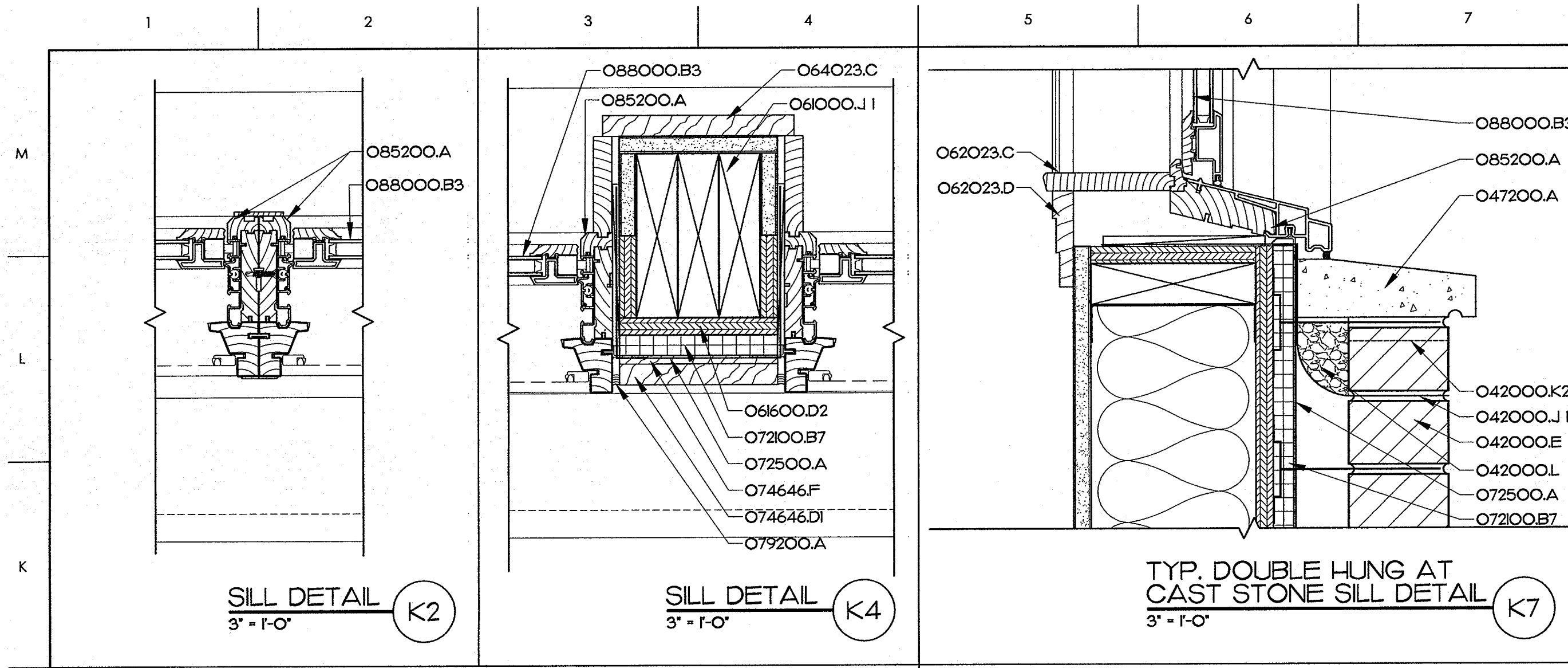
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2013-04

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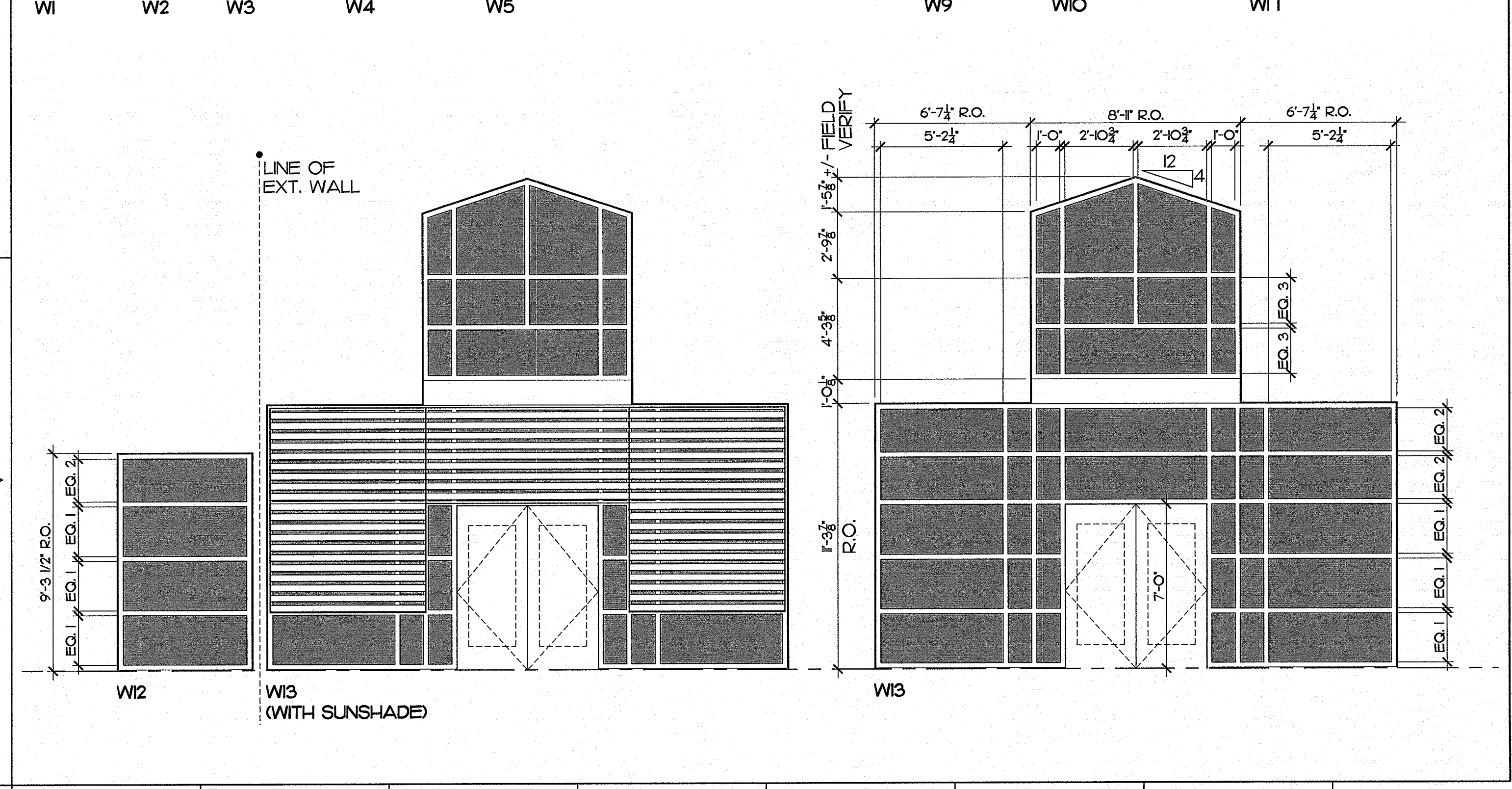
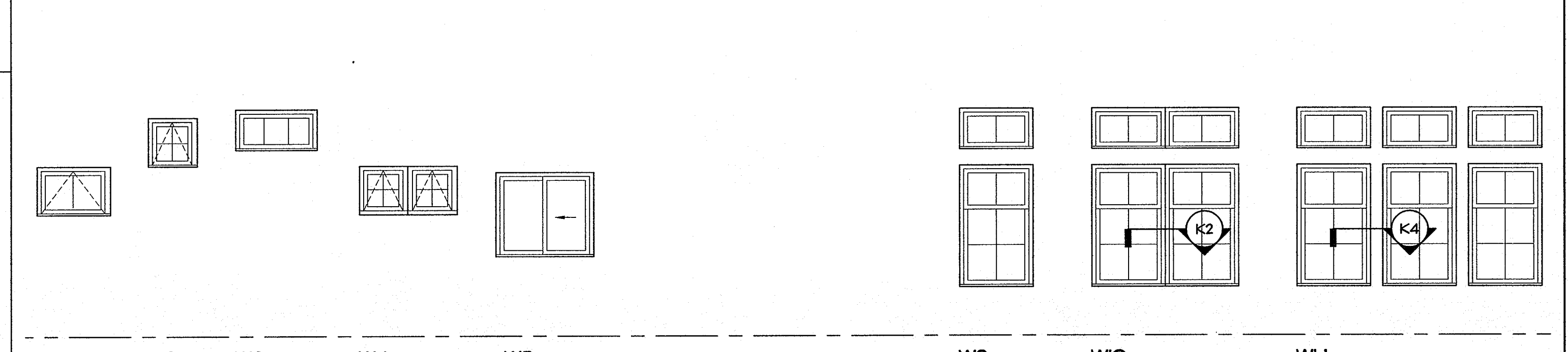
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WINDOW SCHEDULE														
WINDOW GROUP NO.	WINDOW UNIT SIZE (W X H)	WINDOW TYPE	MATERIAL	FINISH	FRAME ELEVATION	UNIT THICKNESS	DETAILS			GLASS	FIRE RATING (HRS)	REMARKS		
							J	H	S					
W1	0 3'-0" X 2'-0 1/8"	AWNING	VCW/VCW	W1	-	SM TO A7	SM TO A7	SM TO A7	SM TO A7	3/4" LOW-E HIGH IMPACT	-	BASIS FOR DESIGN, ANDERSON #A31		
W2	0 2'-0 1/8" X 2'-0 1/8"	AWNING	VCW/VCW	W2	-	SM TO A4	SM TO A4	SM TO A4	SM TO A4	3/4" LOW-E HIGH IMPACT	-	BASIS FOR DESIGN, ANDERSON #A21		
W3	0 3'-4 7/8" X 1'-8 1/2"	FIXED TRANSOM	VCW/VCW	W3	-	SM TO D7	SM TO D4	SM TO D4	SM TO D4	3/4" LOW-E HIGH IMPACT	-	BASIS FOR DESIGN, ANDERSON #AN351 STATIONARY		
W4	2 (2'-0 1/8" X 2'-0 1/8")	2 AWNING	VCW/VCW	W4	-	SM TO A4	A12 A33	A12 A33	A12 A33	3/4" LOW-E HIGH IMPACT	-	BASIS FOR DESIGN, ANDERSON #A21		
W5	0 3'-1 1/4" X 3'-5 1/4"	SLIDING	VCW/VCW	W5	-	SM TO A7	A6 A13	A6 A13	A6 A13	3/4" LOW-E HIGH IMPACT	-	BASIS FOR DESIGN, ANDERSON #G436		
W7	NOT USED													
W8	NOT USED													
W9	0 2'-11 5/8" X 5'-0 7/8" 0 3'-0" X 1'-8 1/2"	1 DOUBLE HUNG + 1 FIXED TRANSOM	VCW/VCW	W9	-	SM TO D7 OR A7	A15 A33	A15 A33	A15 A33	3/4" LOW-E HIGH IMPACT	-	BASIS FOR DESIGN, ANDERSON #WDH20410 & AN31 - STATIONARY		
W10	0 2'-11 5/8" X 5'-0 7/8" 0 3'-0" X 1'-8 1/2"	2 DOUBLE HUNG + 2 FIXED TRANSOM	VCW/VCW	W10	-	SM TO D7 OR A7	A15 A33	A15 A33	A15 A33	3/4" LOW-E HIGH IMPACT	-	BASIS FOR DESIGN, ANDERSON #WDH20410 & AN31 - STATIONARY		
W11	0 2'-11 5/8" X 5'-0 7/8" 0 3'-0" X 1'-8 1/2"	3 DOUBLE HUNG + 3 FIXED TRANSOM	VCW/VCW	W11	-	SM TO D7 OR A7	A15 A33	A15 A33	A15 A33	3/4" LOW-E HIGH IMPACT	-	BASIS FOR DESIGN, ANDERSON #WDH20410 & AN31 - STATIONARY		
W12	SEE WALL SECTIONS, BUILDING SECTIONS, & DETAILS FOR CURTAIN WALL ASSEMBLY.	ALUMINUM CURTAIN WALL	AL	CLR AN	W12	6"	SEE WALL SECTIONS, BUILDING SECTIONS, & DETAILS A61 THRU A62 FOR HEAD, JAMB, AND SILL CONDITIONS			1" LOW-E HIGH IMPACT	-			
W13	SEE WALL SECTIONS, BUILDING SECTIONS, & DETAILS FOR CURTAIN WALL ASSEMBLY.	ALUMINUM CURTAIN WALL	AL	CLR AN	W13	6"	SEE WALL SECTIONS, BUILDING SECTIONS, & DETAILS A61 THRU A62 FOR HEAD, JAMB, AND SILL CONDITIONS			1" LOW-E HIGH IMPACT	-			

NOTE: ALL FINISHES EXTERIOR APPLIED.

WINDOW TYPES



MATERIALS KEYING LEGEND

- 042000.E - FACE BRICK
- 042000.J.I - THRU-WALL FABRIC FLASHING
- 042000.K2 - WEEP SLOTS AT 16" O.C.
- 042000.L - CAVITY DRAINAGE MATERIAL
- 047200.A - CAST STONE MASONRY
- 060000.J.I - WOOD BLOCKING AS NOTED
- 061600.D2 - PLYWOOD SHEATHING, 5/8" THICK
- 062023.B - INTERIOR WOOD TRIM, WINDOW CASING, OPAQUE FINISH
- 062023.C - INTERIOR WOOD TRIM, WINDOW SILL, OPAQUE FINISH
- 062023.D - INTERIOR WOOD TRIM, APRON OPAQUE FINISH
- 062023.E - INTERIOR WOOD TRIM, 1/2" TRIM BOARD OPAQUE FINISH
- 064023.C - WOOD TRIM
- 072000.A4 - BATT INSULATION, 6" (R-19 MIN)
- 072000.B7 - 3/4" RIGID INSULATION, (R-4.0 MIN)
- 072500.A - BUILDING WRAP
- 074646.AI - FIBER-CEMENT LAP SIDING, 6" REVEAL
- 074646.E6 - FIBER-CEMENT SIDING, BOARD AND BATTEN
- 074646.DI - FIBER-CEMENT SIDING, TRIM BOARD IX
- 074646.D4 - FIBER-CEMENT SIDING, TRIM BOARD IX4
- 074646.D5 - FIBER-CEMENT SIDING, TRIM BOARD IX6
- 074646.D6 - FIBER-CEMENT SIDING, TRIM BOARD IX8
- 074646.E6 - FIBER-CEMENT SIDING, TRIM BOARD 5/4X8
- 074646.F - FIBER-CEMENT SIDING, SHEATHING 5/16"
- 079200.A - SEALANT
- 079200.D - BACKER ROD & SEALANT
- 085200.A - CLAD WOOD DOUBLE HUNG WINDOW
- 085200.B - CLAD WOOD PROJECTING WINDOW
- 085200.C - CLAD WOOD FIXED WINDOW
- 088000.B3 - 3/4" INSULATING GLASS - LOW E

GENERAL NOTES

SCO ID #120956301; CODE 84210; ITEM 7826

NO REVISION DATE

JOHN K. FARKAS
REGISTERED ARCHITECT
523204
5922
J K F
ARCHITECTURE

P.O. BOX 20462 GREENVILLE, NC 27658 PHONE 252-355-1068

NC DEPARTMENT OF TRANSPORTATION
CURRITUCK WELCOME CENTER
TOWN OF CURRITUCK, NC

DRAWING TITLE
WINDOW SCHEDULE & DETAILS

SCALE
AS NOTED

DRAWN
DJH

CHECKED
JKF

DATE
6-26-2013

PROJECT NO.
2013-04

A8.2

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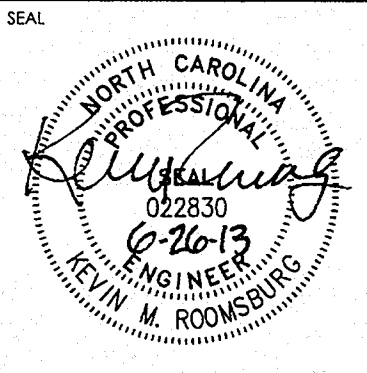
GENERAL NOTES

KEY PLAN

SCO ID #120956301; CODE 84210; ITEM 7826

NO REVISION

DATE



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ARCHITECTURE

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NC DEPARTMENT OF
TRANSPORTATION
CURRITUCK WELCOME CENTER
TOWN OF CURRITUCK, NC

DRAWING TITLE

GENERAL NOTES

SCALE

DRAWING NO

AS NOTED

DRAWN

KBF

CHECKED

KMR

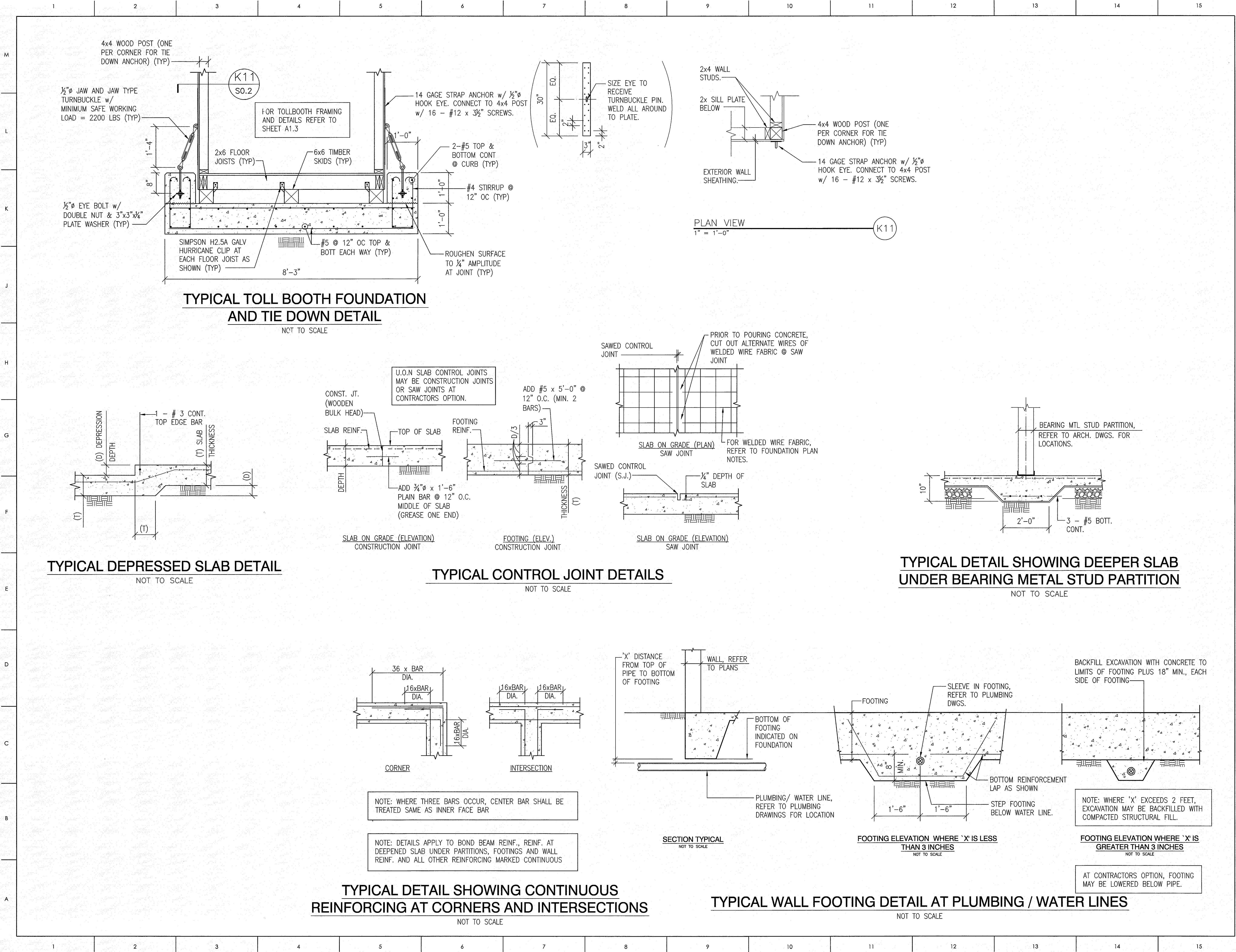
DATE

6-26-2013

PROJECT NO.

2013-04

SO.1



MATERIALS KEYING LEGEND

GENERAL NOTES

KEY PLAN

SCO ID #120956301; CODE 84210; ITEM 7826

NO	REVISION	DATE

SEAL

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NC DEPARTMENT OF
TRANSPORTATION
CURRITUCK WELCOME CENTER
TOWN OF CURRITUCK, NC

DRAWING TITLE

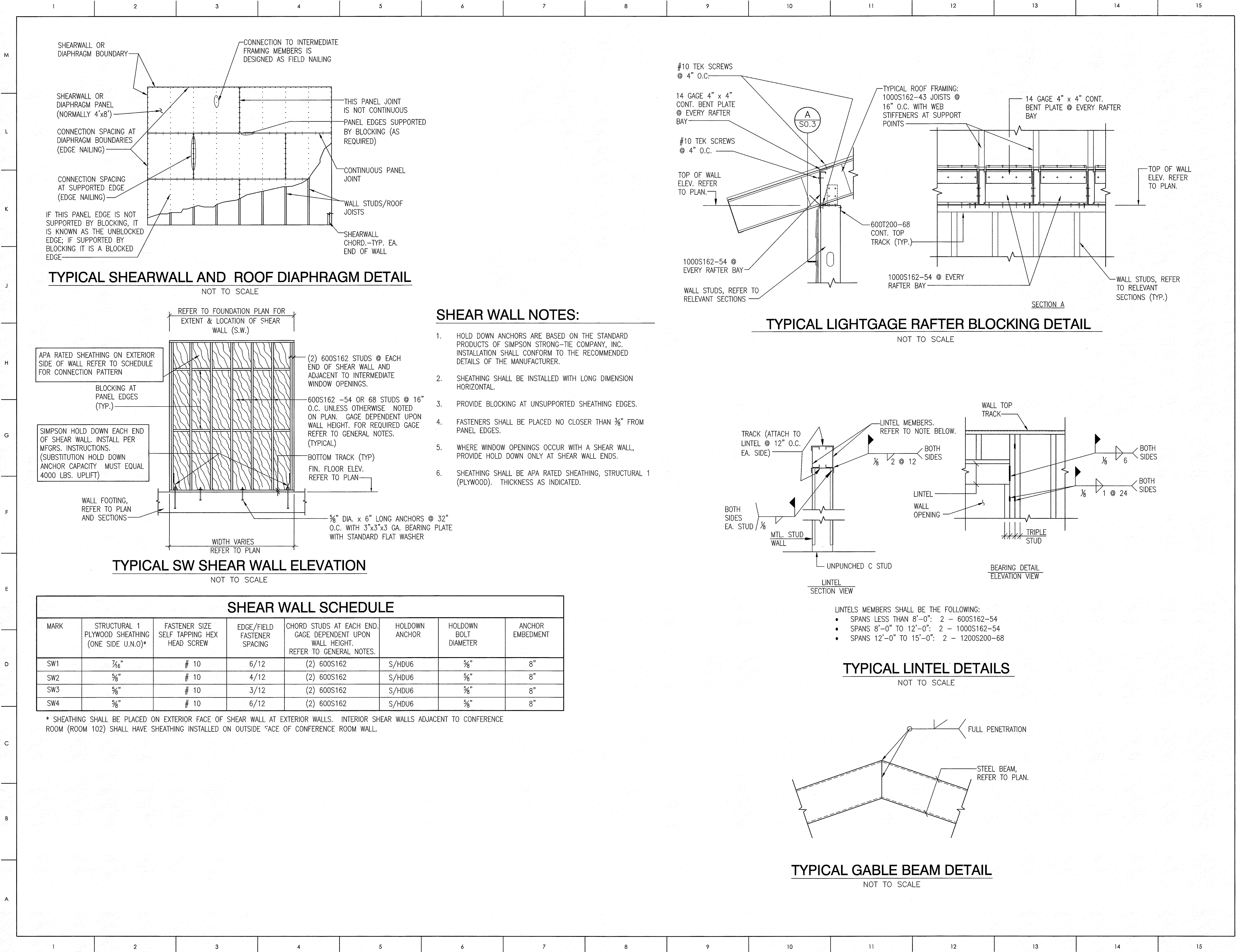
TYPICAL DETAILS

SCALE	DRAWING NO
AS NOTED	
DRAWN	KBK
CHECKED	KMR
DATE	6-26-2013
PROJECT NO.	2013-04

AT CONTRACTORS OPTION, FOOTING MAY BE LOWERED BELOW PIPE.

SO.2

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MATERIALS KEYING LEGEND

GENERAL NOTES

KEY PLAN

SCO ID #120956301; CODE 84210; ITEM 7826

NO	REVISION	DATE

SEAL

JOHN K. FARKAS

ENGINEER

W. ROOMS/STUDIO

J K F

ARCHITECTURE

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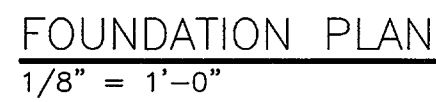
NC DEPARTMENT OF TRANSPORTATION
CURRITUCK WELCOME CENTER
TOWN OF CURRITUCK, NC

DRAWING TITLE

TYPICAL DETAILS

SCALE	AS NOTED	DRAWING NO SO.3
DRAWN	KBF	
CHECKED	KMR	
DATE	6-26-2013	
PROJECT NO.	2013-04	

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FOOTING SCHEDULE

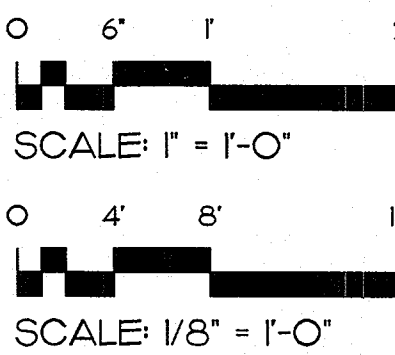
MARK	SIZE	DEPTH	REINFORCING	FOOTING DETAILS
F4.0	4'-0" x 4'-0"	1'-0"	4 - #5 TOP & BOTTOM, EACH WAY	A9/S3.4
F4.0M	4'-0" x 4'-0"	1'-0"	4 - #5 BOTTOM, EACH WAY	A4/S3.4
F4.0P	4'-0" x 4'-0"	1'-0"	#5 @ 12" O.C. TOP & BOTTOM, EACH WAY	G8 & A14/S3.5
F7.0	7'-0" x 7'-0"	1'-6"	#5 @ 12" O.C. TOP & BOTTOM, EACH WAY	G14/S3.5
F101	4'-0" x 6'-0"	1'-4"	5 - #5 TOP & BOTTOM, LONG WAY 8 - #5 TOP & BOTTOM, SHORT WAY	SIMILAR TO A9/S3.4

1. DATUM FOR ALL ELEVATIONS GIVEN ON THIS PLAN IS FINISHED FIRST FLOOR ELEVATION = 0'-0". FOR ACTUAL ELEVATION, REFER TO CIVIL DRAWINGS.
2. TOP OF CONCRETE SLAB IS AT +0'-0" UNLESS OTHERWISE INDICATED THUS [+_____] ON PLAN.
3. UNLESS OTHERWISE NOTED PROVIDE 4" CONCRETE SLAB ON GRADE ON 10 MIL VAPOR RETARDER ON 4" OF NCDOT #57 STONE FOR POROUS FILL MATERIAL. REINFORCE SLAB WITH 6x6-W2.9xW2.9 W.W.F. PLACED 1" CLEAR FROM TOP OF SLAB.
4. NO FOUNDATION WORK SHALL BE INSTALLED UNTIL ALL UNDERGROUND UTILITIES, ETC. HAVE BEEN COORDINATED WITH FOUNDATION LOCATIONS AND ELEVATIONS.
5. THE SYMBOL "C.J." INDICATES SLAB CONTROL JOINT LOCATIONS. CONTROL JOINTS MAY BE CONSTRUCTION JOINTS OR SAW JOINTS. REFER TO SHEET S0.2 FOR CONTROL JOINT DETAILS.
6. FOR TYPICAL DETAILS AND GENERAL NOTES, REFER TO SHEETS S0.1, S0.2 AND S0.3.

COLUMN SCHEDULE

MARK	COLUMN SIZE	ANCHOR BOLTS	BASE PLATE SIZE B x t x N	BASE PLATE DETAIL	COLUMN FOOTING	T.O. FOOTING ELEVATION
C1	HSS8x8x $\frac{3}{4}$	4 - $\frac{3}{4}$ " $\emptyset$ HEADED ANCHORS W/ 12" EMBEDMENT	15" x $\frac{3}{4}$ " x 1'-3"	D13/S1.1	F7.0	(-0'-8")
C2	HSS3x3x $\frac{3}{4}$	4 - $\frac{5}{8}$ " $\emptyset$ ADHESIVE ANCHORS W/ $\frac{4}{32}$ " EMBEDMENT	10" x $\frac{5}{8}$ " x 0'-10"	D13/S1.1	F4.0M	(-0'-0")
C3	HSS4x4x $\frac{3}{4}$	4 - $\frac{5}{8}$ " $\emptyset$ ADHESIVE ANCHORS W/ $\frac{4}{32}$ " EMBEDMENT	10" x $\frac{5}{8}$ " x 0'-10"	D13/S1.1	F4.0	(-0'-8")
C4	HSS5x5x $\frac{3}{4}$	REFER TO DETAIL A14/S1.1		A14/S1.1	REFER TO DETAIL D14/S3.4	(-0'-0")
C5	HSS6x6x $\frac{3}{4}$	4 - $\frac{3}{4}$ " $\emptyset$ HEADED ANCHORS	12" x $\frac{3}{4}$ " x 1'-0"	D13/S1.1	F4.0P	(-0'-8")
C6	HSS6x6x $\frac{3}{8}$	4 - $\frac{3}{4}$ " $\emptyset$ HEADED ANCHORS	12" x $\frac{3}{4}$ " x 1'-0"	D13/S1.1	F101	(-0'-8")
C7	HSS6x6x $\frac{3}{8}$	4 - $\frac{3}{4}$ " $\emptyset$ HEADED ANCHORS	12" x $\frac{3}{4}$ " x 1'-0"	D13/S1.1	F4.0	(-0'-8")

1 CENTERLINE OF SKEWED COLUMN AT FINISHED FLOOR.
2 COLUMN BASE POCKET.



MATERIALS KEYING LEGEND

GENERAL NOTES

KEY PLAN

SCO ID #120956301; CODE 84210; ITEM 7826

NO	REVISION	DATE
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TOWN OF CURRITUCK, NC

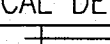
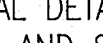
DRAWING TITLE

FOUNDATION PLAN

SCALE	AS NOTED	DRAWING NO
DRAWN	KBK	
CHECKED	KMR	
DATE	6-26-2013	
PROJECT NO.	2013-04	

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1. DATUM FOR ALL ELEVATIONS GIVEN ON THIS PLAN IS FINISHED FIRST FLOOR ELEVATION = 0'-0".
2. THE TERM JOIST BEARING ELEVATION INDICATES TOP OF LIGHTGAGE STUD WALL SUPPORTING LIGHTGAGE JOISTS. JOIST BEARING ELEVATIONS ARE INDICATED THUS [+_____] ON PLAN.
3. TOP OF STEEL BEAM ELEVATIONS INDICATED THUS (+_____) ON PLAN.
4. UNLESS OTHERWISE NOTED, ROOF CONSTRUCTION IS 5/8" APA RATED PLYWOOD SHEATHING SUPPORTED ON LIGHTGAGE JOISTS BEARING ON LIGHTGAGE STUD BEARING WALLS.
5. FOR LOCATION AND DIMENSIONS OF ROOF OPENINGS REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS.
6. MECHANICAL UNITS SHALL BE SUPPORTED ON OR SUSPENDED FROM A MINIMUM OF 3 JOISTS. PROVIDE LIGHTGAGE SUB FRAMING IF REQUIRED.
7. FOR COLUMN SIZE, REFER TO FOUNDATION PLAN AND COLUMN SCHEDULE.
8. FOR INTEL SCHEDULE REFER TO TYPICAL DETAIL SHEET. INTELS ARE NOTED ON PLAN THUS:  FOR EXACT LOCATION, REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS.
9. FOR TYPICAL DETAILS AND GENERAL NOTES REFER TO SHEETS S0.1, S0.2 AND S0.3.
10. SYMBOL  INDICATES SHEAR WALL LOCATION.

#

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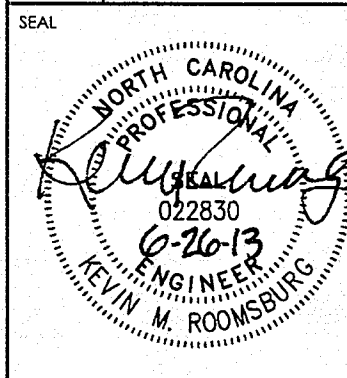
MATERIALS KEYING LEGEND

GENERAL NOTES

KEY PLAN

SCO ID #120956301; CODE 84210; ITEM 7826

NO	REVISION	DATE
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JKF
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NC DEPARTMENT OF
TRANSPORTATION
CURRITUCK WELCOME CENTER
TOWN OF CURRITUCK, NC

DRAWING TITLE

SCALE AS NOTED

DRAWN

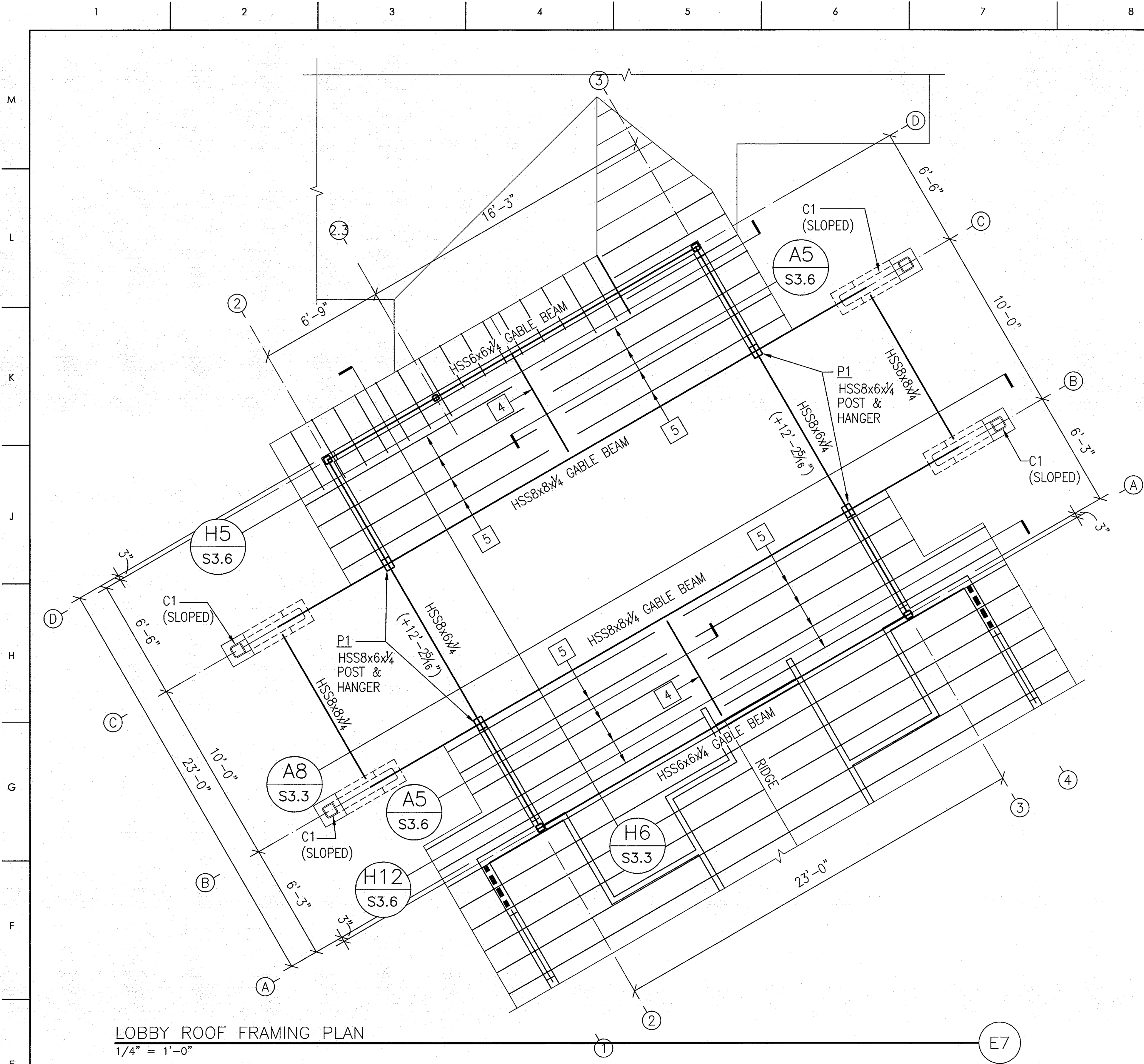
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DATE _____

PROJECT NO. _____

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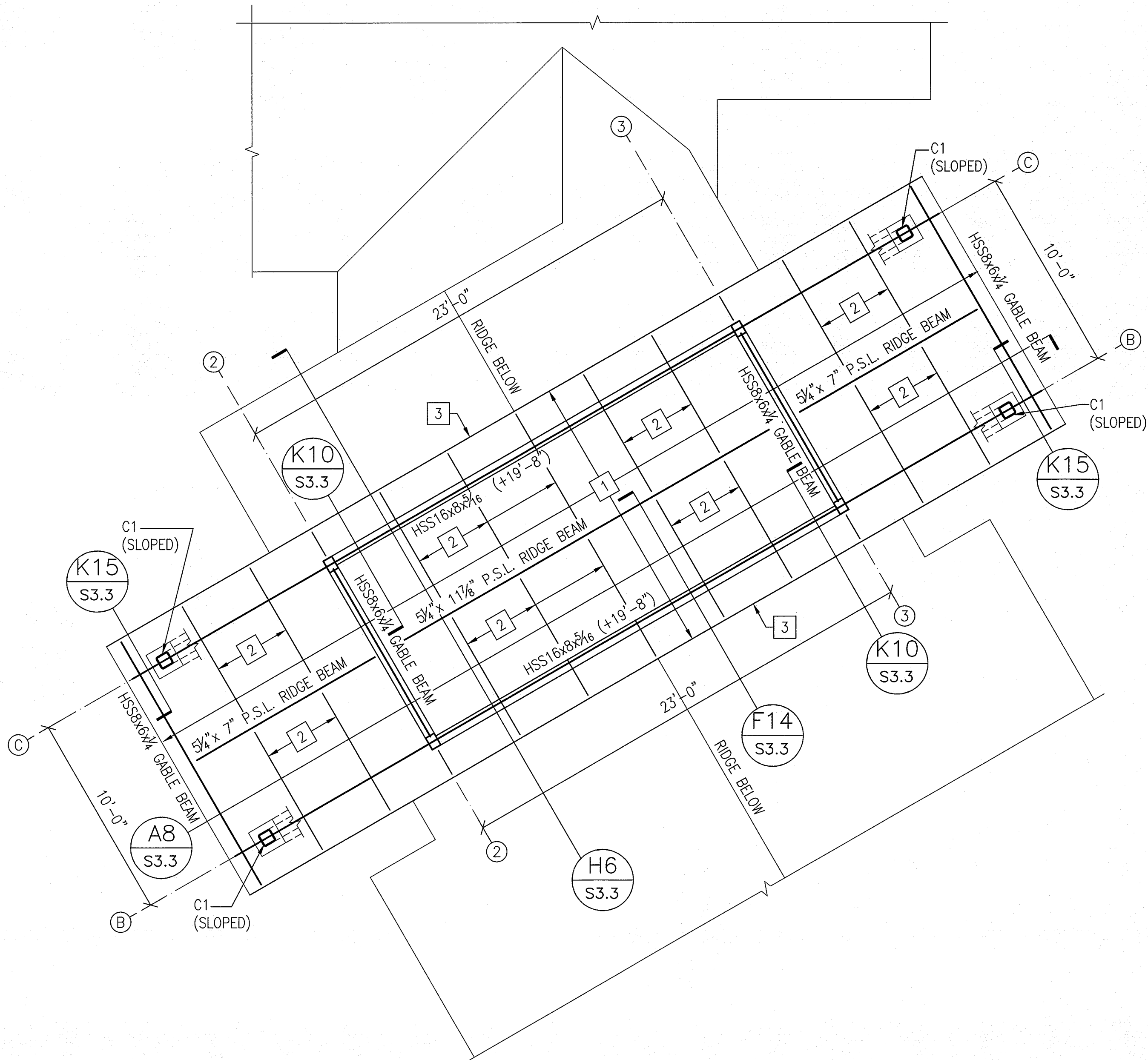
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LOBBY ROOF FRAMING PLAN
1/4" = 1'-0"

FRAMING PLAN NOTES:

1. DATUM FOR ALL ELEVATIONS GIVEN ON THIS PLAN IS FINISHED FIRST FLOOR ELEVATION = 0'-0".
2. THE TERM JOIST BEARING ELEVATION INDICATES TOP OF LIGHTGAGE STUD WALL SUPPORTING LIGHTGAGE JOISTS. JOIST BEARING ELEVATIONS ARE INDICATED THUS [+.....] ON PLAN.
3. TOP OF STEEL BEAM ELEVATIONS INDICATED THUS (+.....) ON PLAN.
4. UNLESS OTHERWISE NOTED, ROOF CONSTRUCTION IS 5/8" APA RATED PLYWOOD SHEATHING SUPPORTED ON LIGHTGAGE JOISTS BEARING ON LIGHTGAGE STUD BEARING WALLS.
5. FOR LOCATION AND DIMENSIONS OF ROOF OPENINGS REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS.
6. MECHANICAL UNITS SHALL BE SUPPORTED ON OR SUSPENDED FROM A MINIMUM OF 3 JOISTS. PROVIDE LIGHTGAGE SUB FRAMING IF REQUIRED.
7. FOR COLUMN SIZE, REFER TO FOUNDATION PLAN AND COLUMN SCHEDULE.
8. FOR TYPICAL DETAILS AND GENERAL NOTES REFER TO SHEETS S0.1, S0.2 AND S0.3.



LOBBY HIGH ROOF FRAMING PLAN
1/4" = 1'-0"

FRAMING PLAN KEY NOTES:

- 1 ROOF CONSTRUCTION THIS AREA SHALL BE 2x6 TONGUE AND GROOVE ROOF DECK ON PARALLEL STRAND LUMBER (PSL) ROOF RAFTERS ON STEEL BEAMS ON COLUMNS.
- 2 5/4"x5/4" PARALLEL STRAND LUMBER RAFTERS (TYP.)
- 3 3/8"x5/4" PARALLEL STRAND LUMBER CONTINUOUS MEMBER AT ROOF EDGE
- 4 2 - 1000S162-54 RIDGE BEAM
- 5 1000S162-43 ROOF JOISTS @ 16" O.C.

MATERIALS KEYING LEGEND

GENERAL NOTES

KEY PLAN

SCO ID #120956301; CODE 84210; ITEM 7826

NO REVISION

DATE



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**NC DEPARTMENT OF
TRANSPORTATION
CURRITUCK WELCOME CENTER
TOWN OF CURRITUCK, NC**

DRAWING TITLE
**ENLARGED ROOF FRAMING
PLANS**

SCALE
AS NOTED

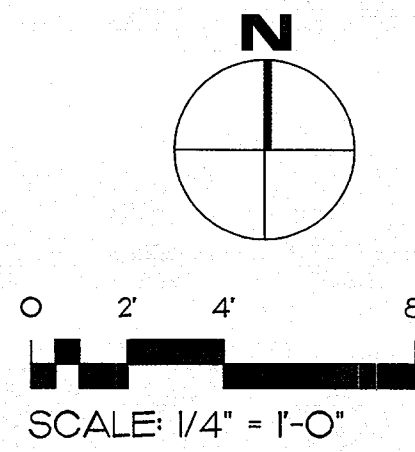
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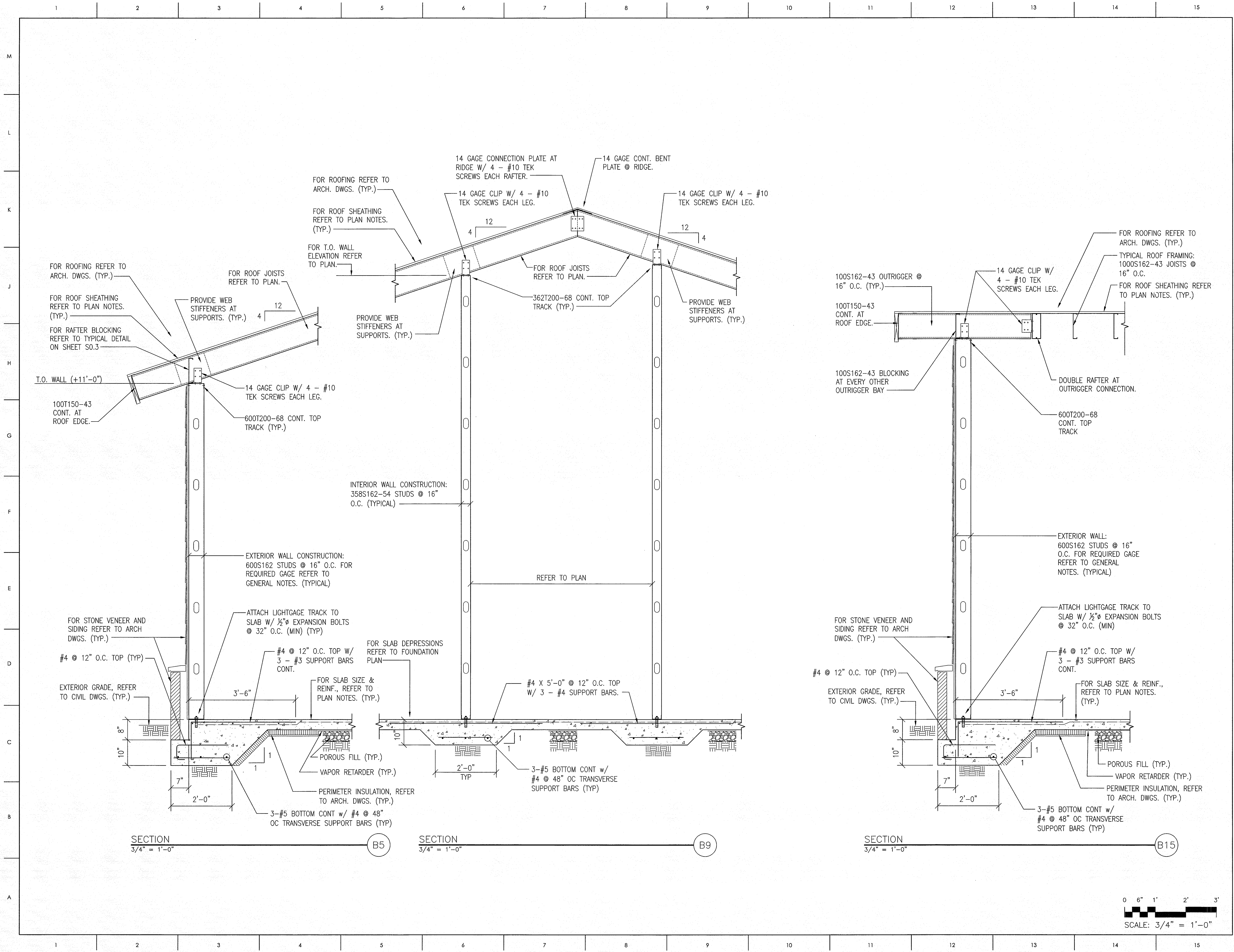
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KMR

DATE
6-26-2013

PROJECT NO.
2013-04

Sl.3





MATERIALS KEYING LEGEND

GENERAL NOTES

KEY PLAN

SCO ID #120956301; CODE 84210; ITEM 7826

NO	REVISION	DATE

SEAL

JOHN K. FARKAS
PROFESSIONAL ENGINEER
022830
6-26-13
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KYLE W. ROOSENBURG

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TOWN OF CURRITUCK, NC

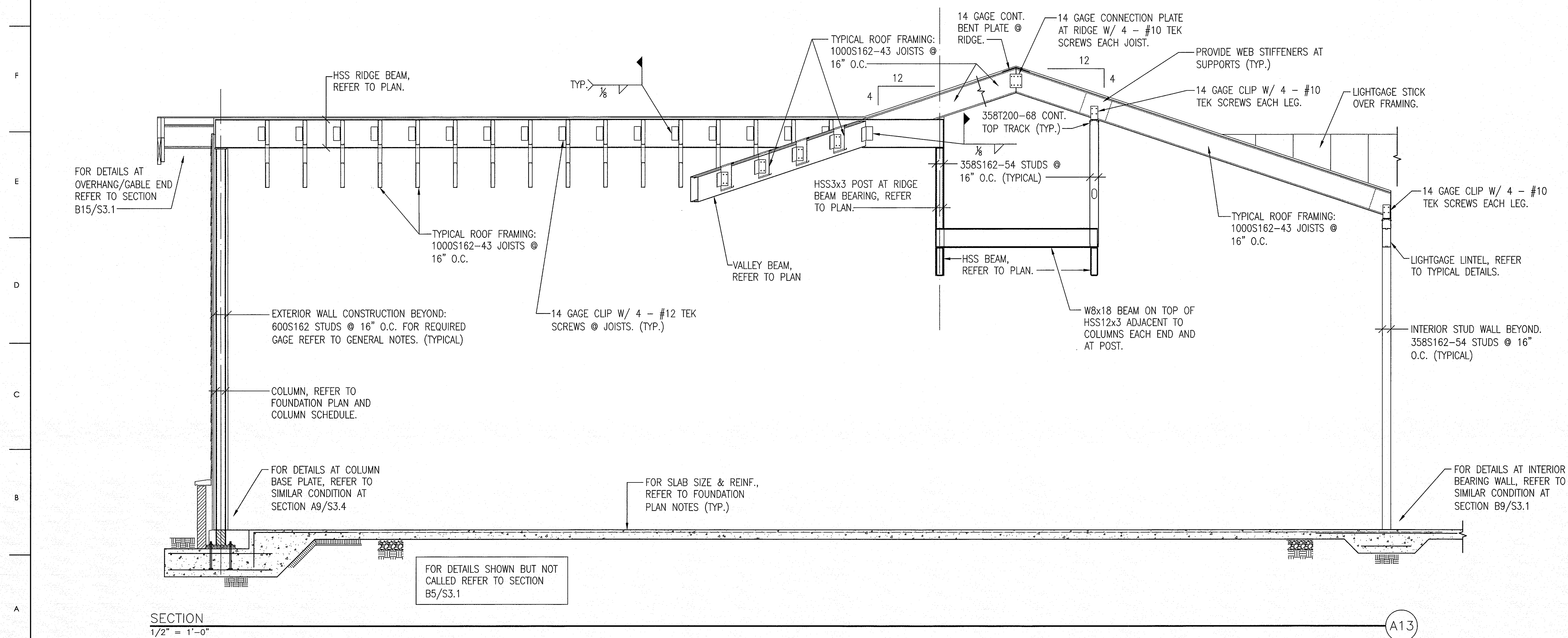
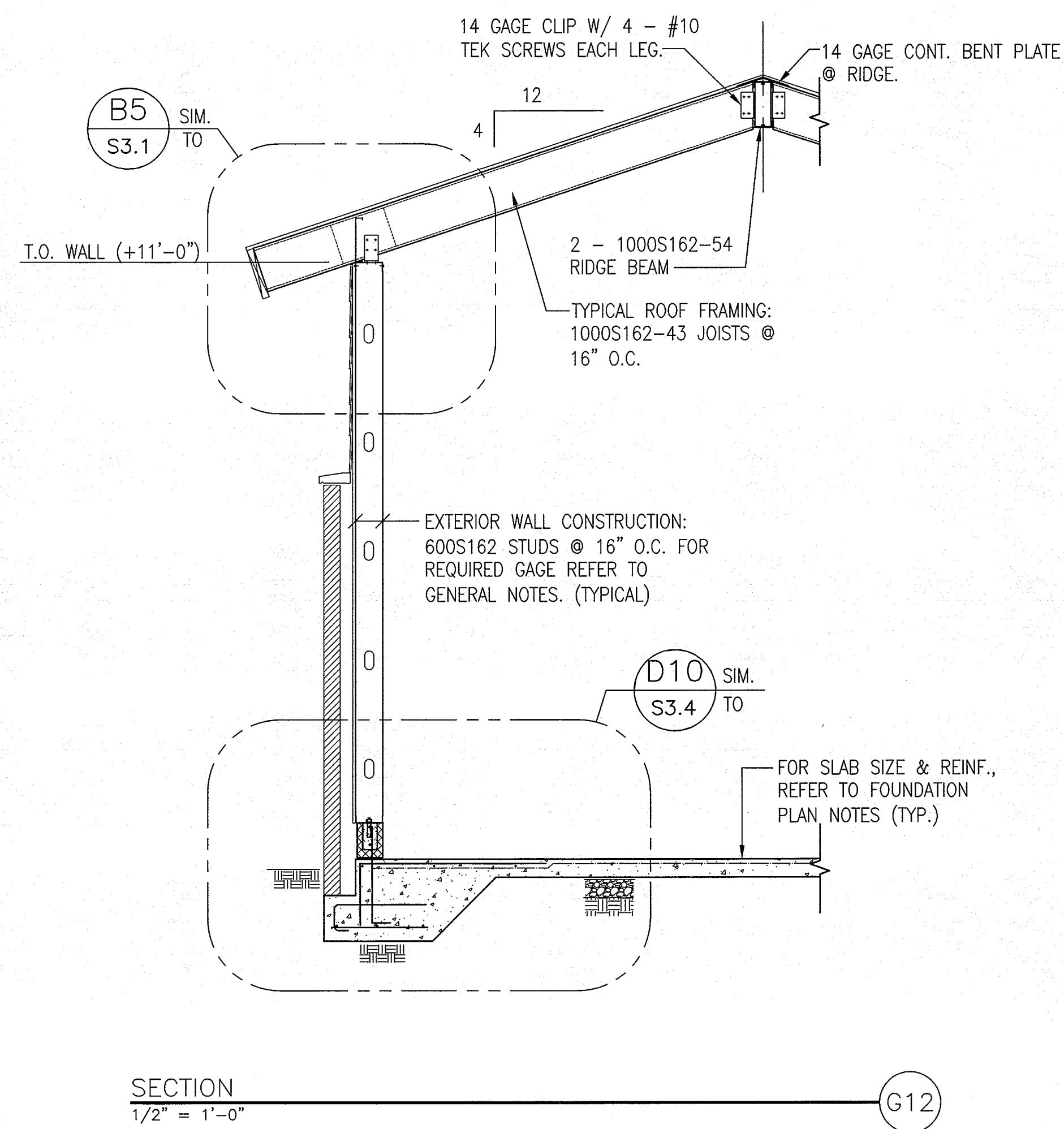
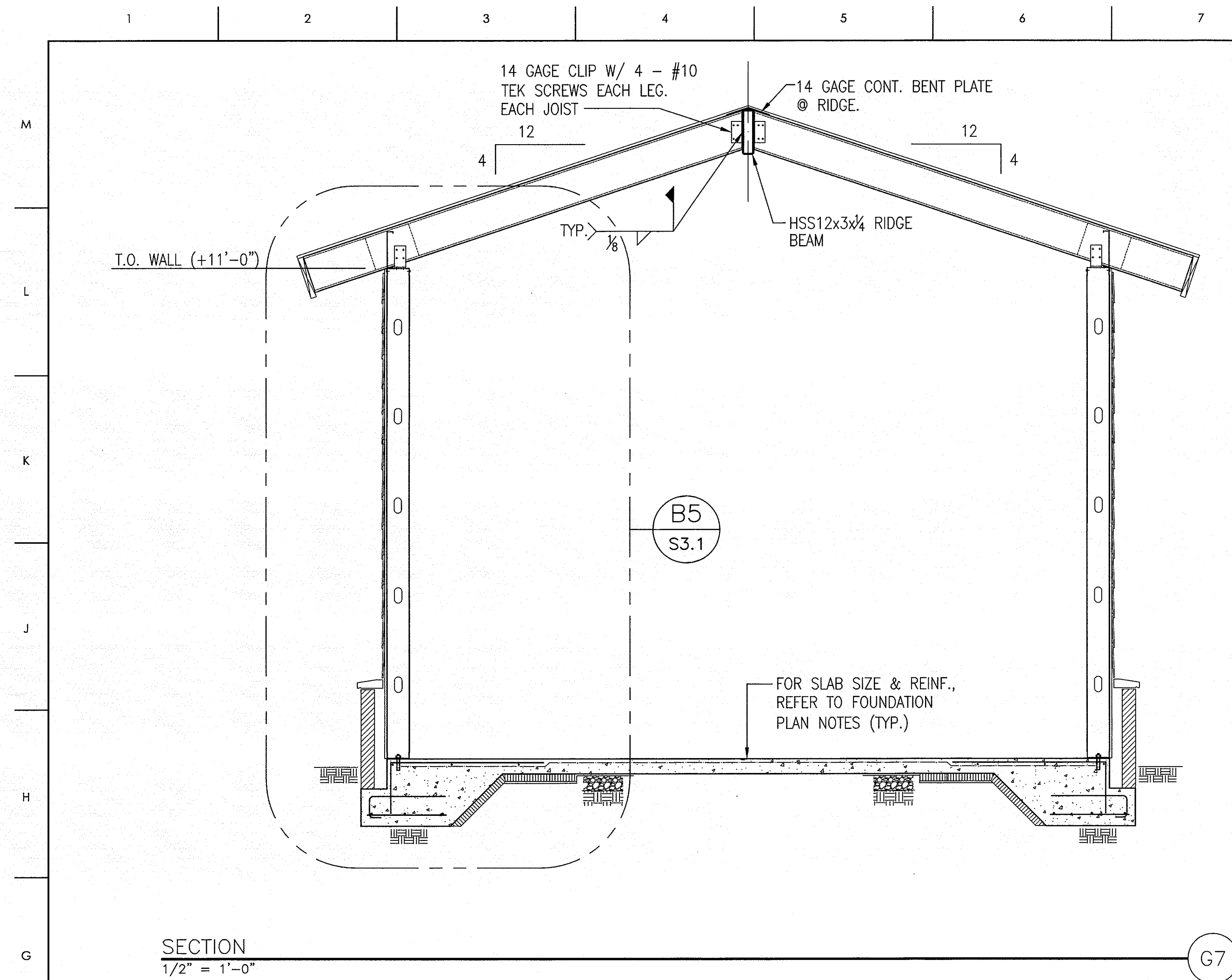
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AS NOTED	
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CHECKED	KMR
DATE	6-26-2013
PROJECT NO.	2013-04

S3.1

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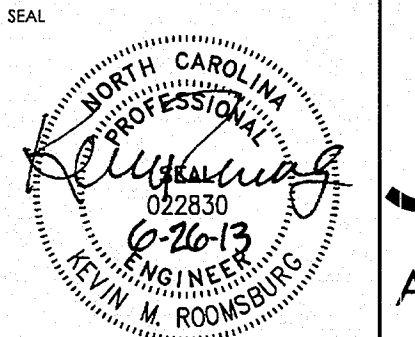
MATERIALS KEYING LEGEND

GENERAL NOTES

KEY PLAN

SCO ID #120956301; CODE 84210; ITEM 7826

NO	REVISION	DATE
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DRAWING TITLE

SECTIONS

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DRAWN KBE

CHECKED

KMR

DATE 6-26-2013

PROJECT NO.	001001
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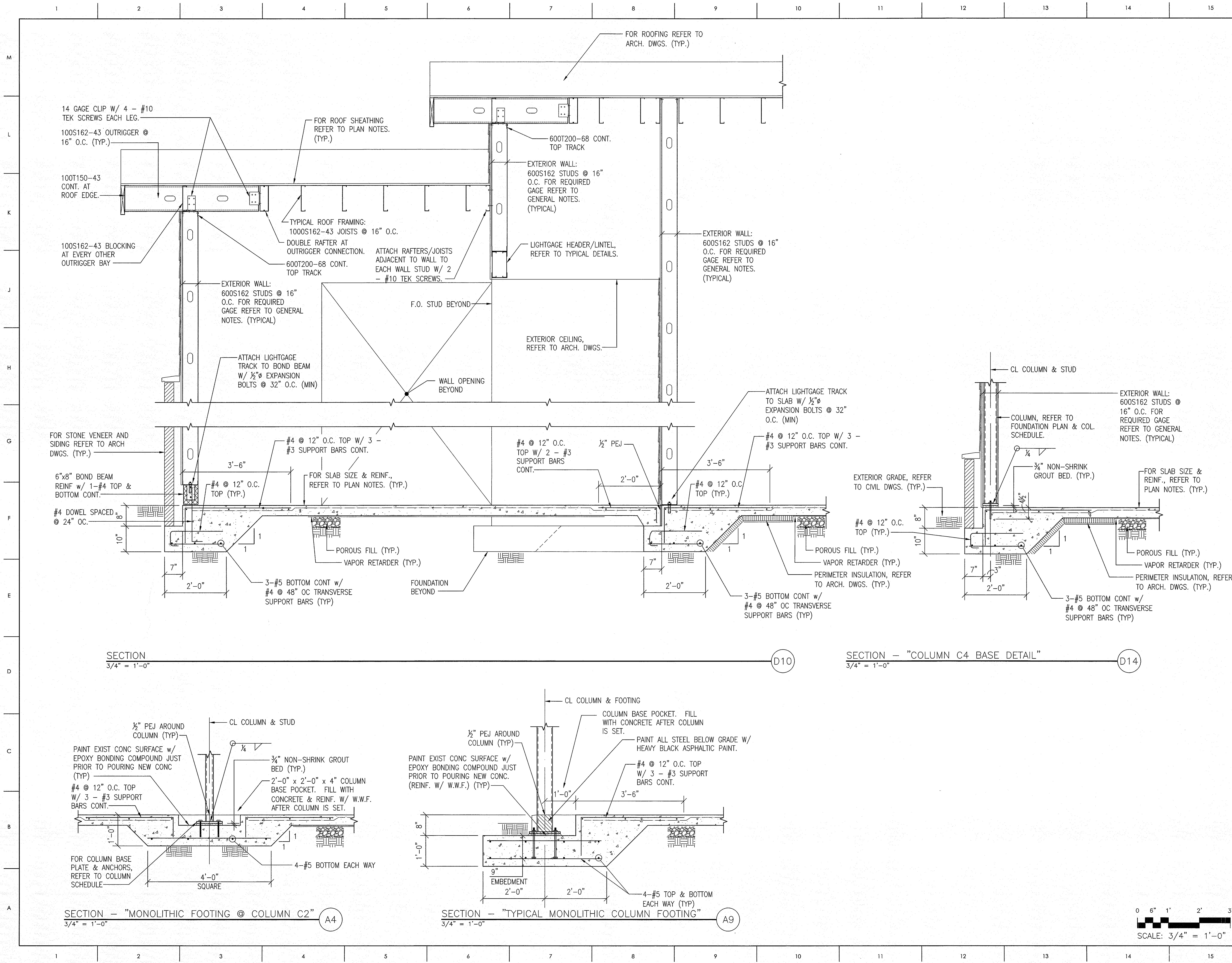
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2013-04

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2013-04

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MATERIALS KEYING LEGEND

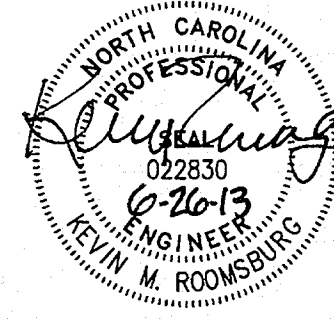
GENERAL NOTES

KEY PLAN

SCO ID #120956301; CODE 84210; ITEM 7826

NO REVISION

DATE



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DRAWING TITLE

SECTIONS

SCALE

AS NOTED

DRAWN

KBF

CHECKED

KMR

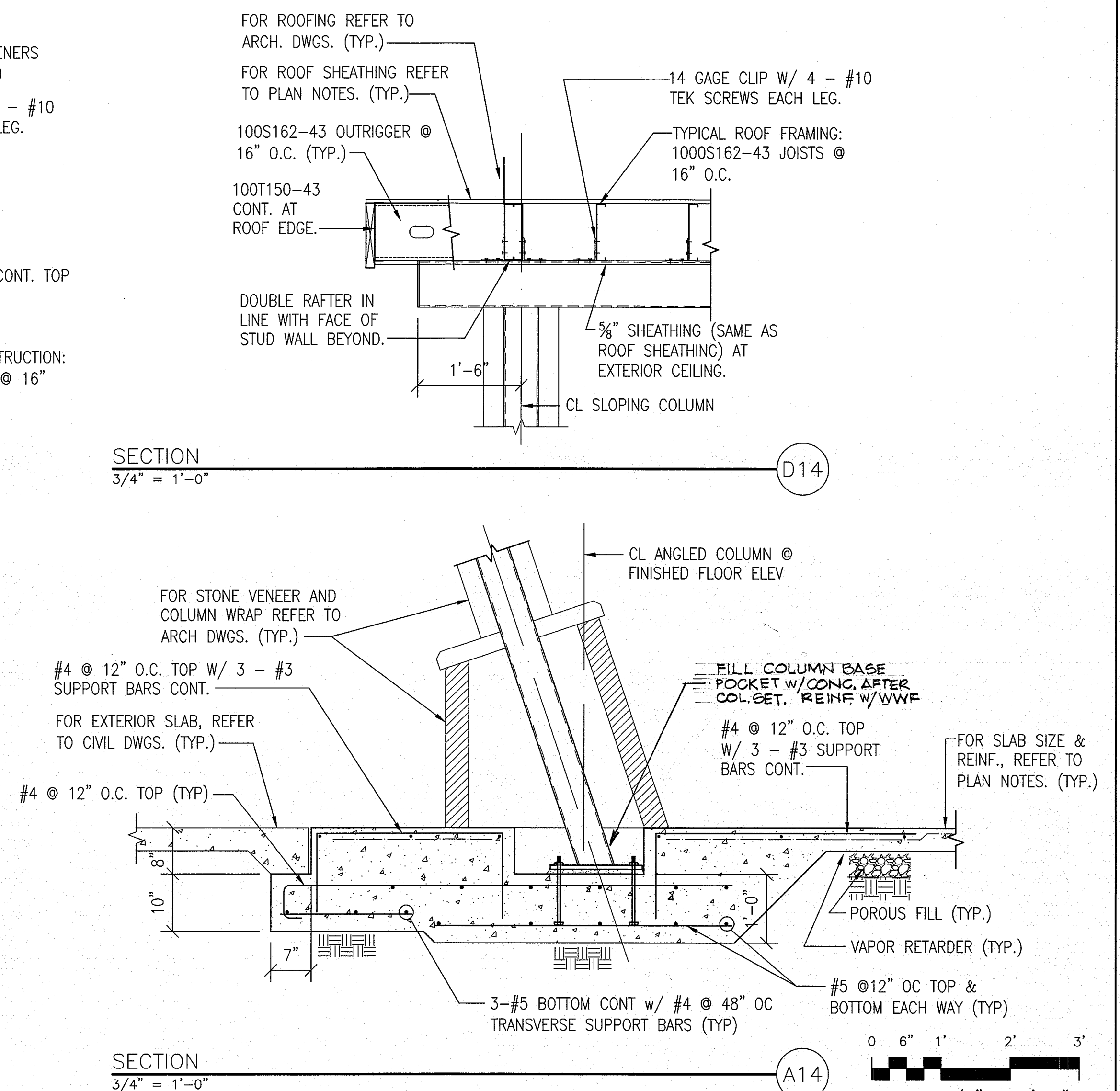
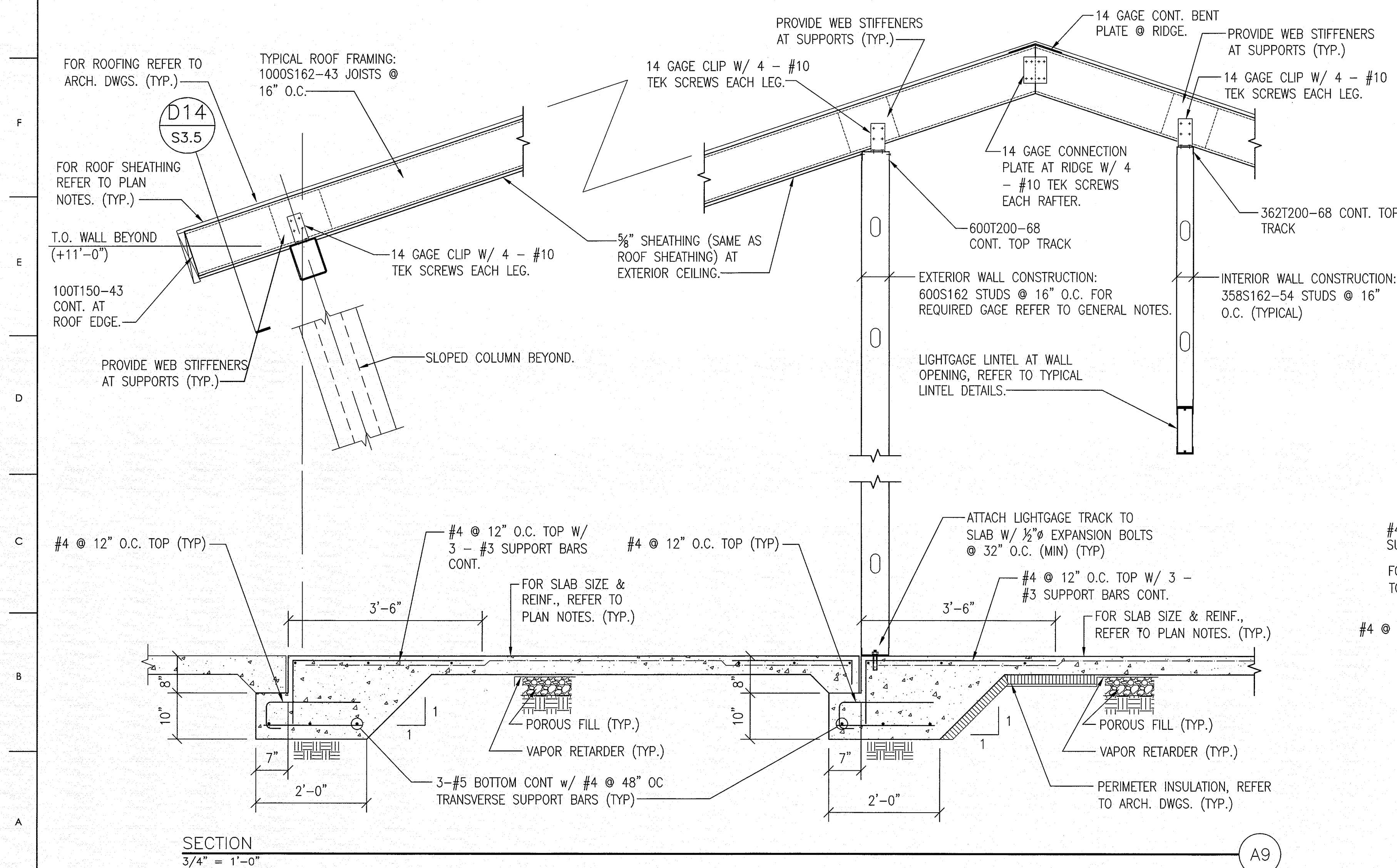
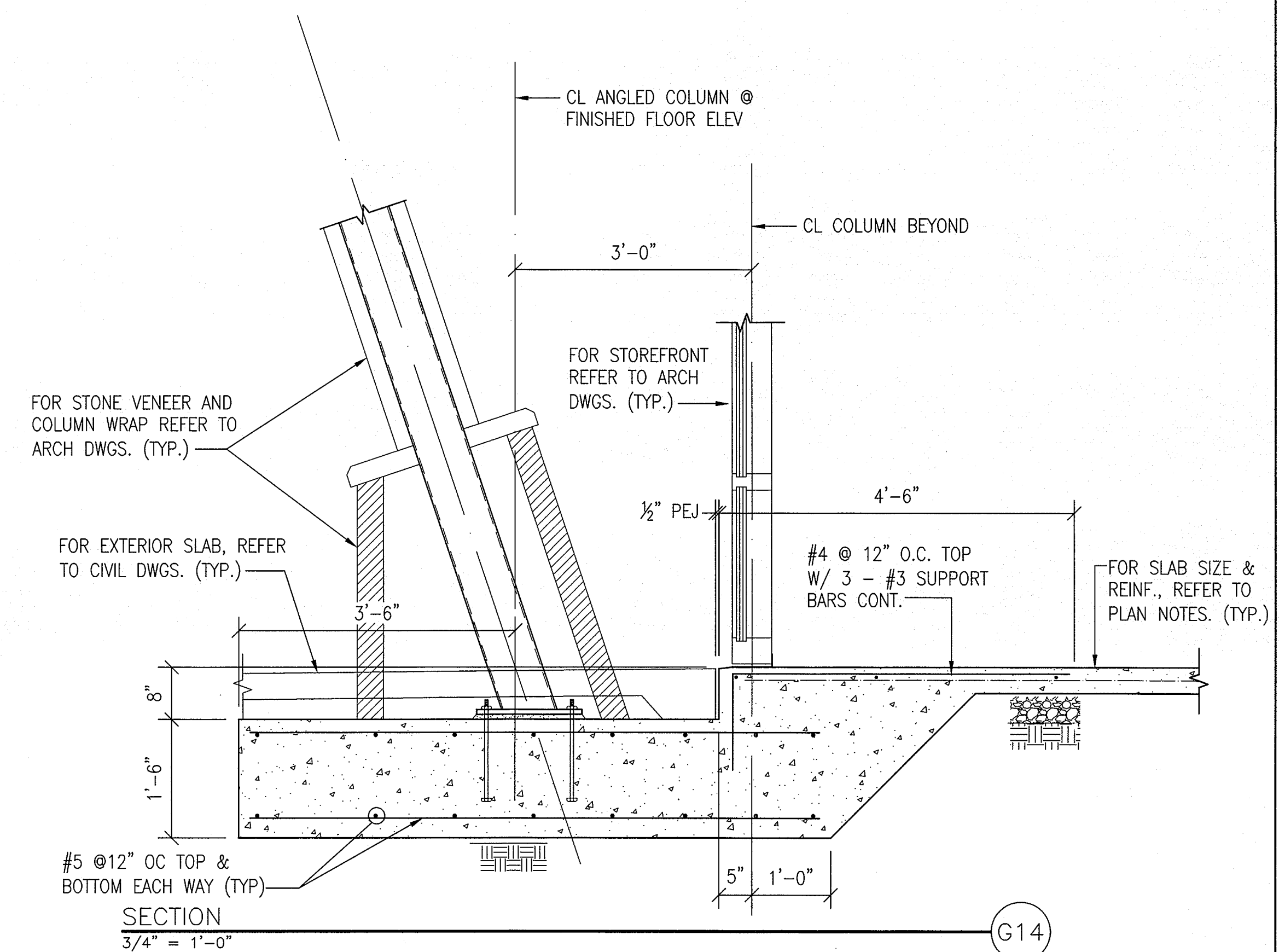
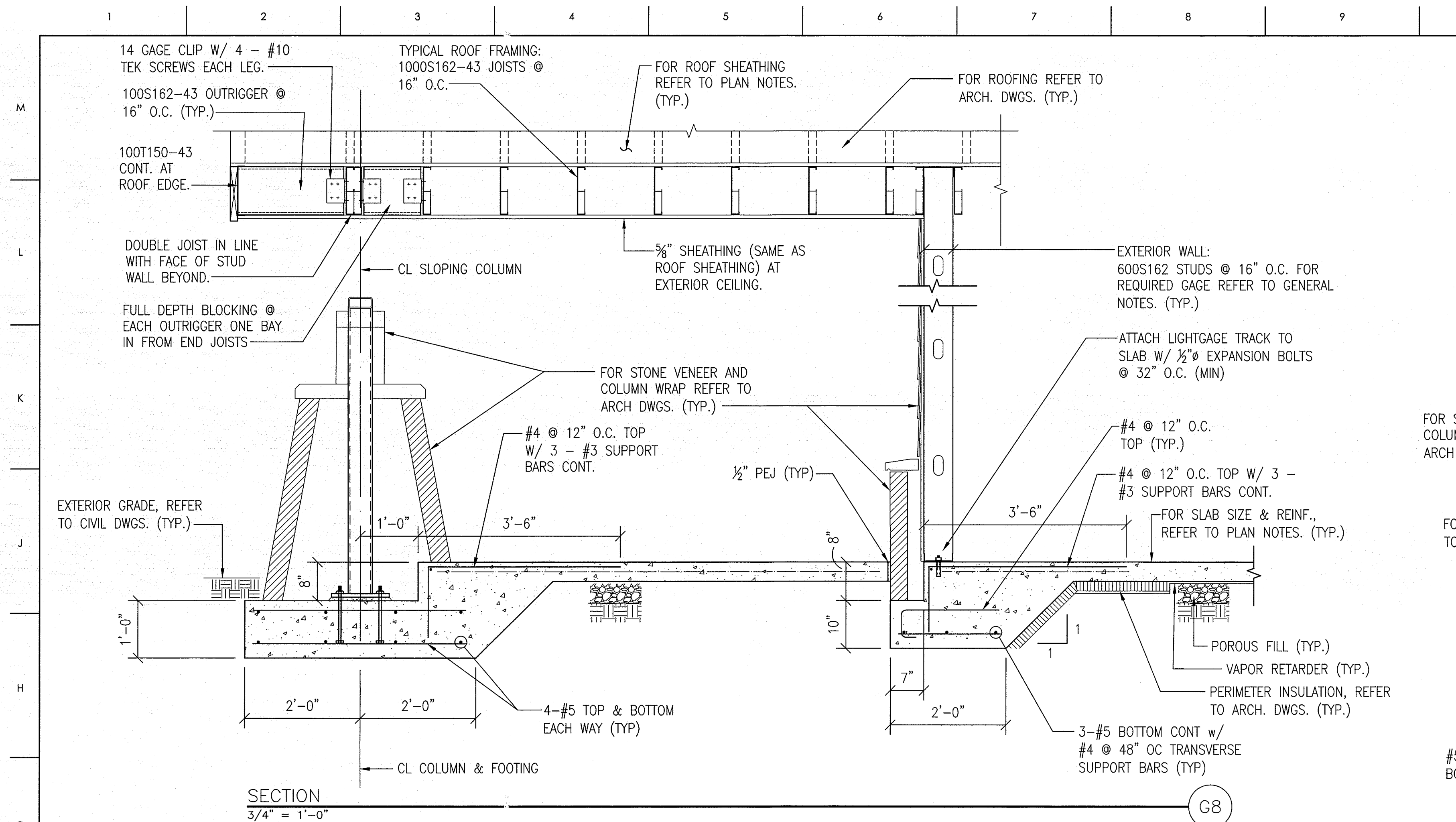
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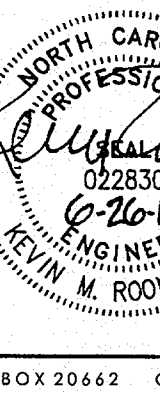
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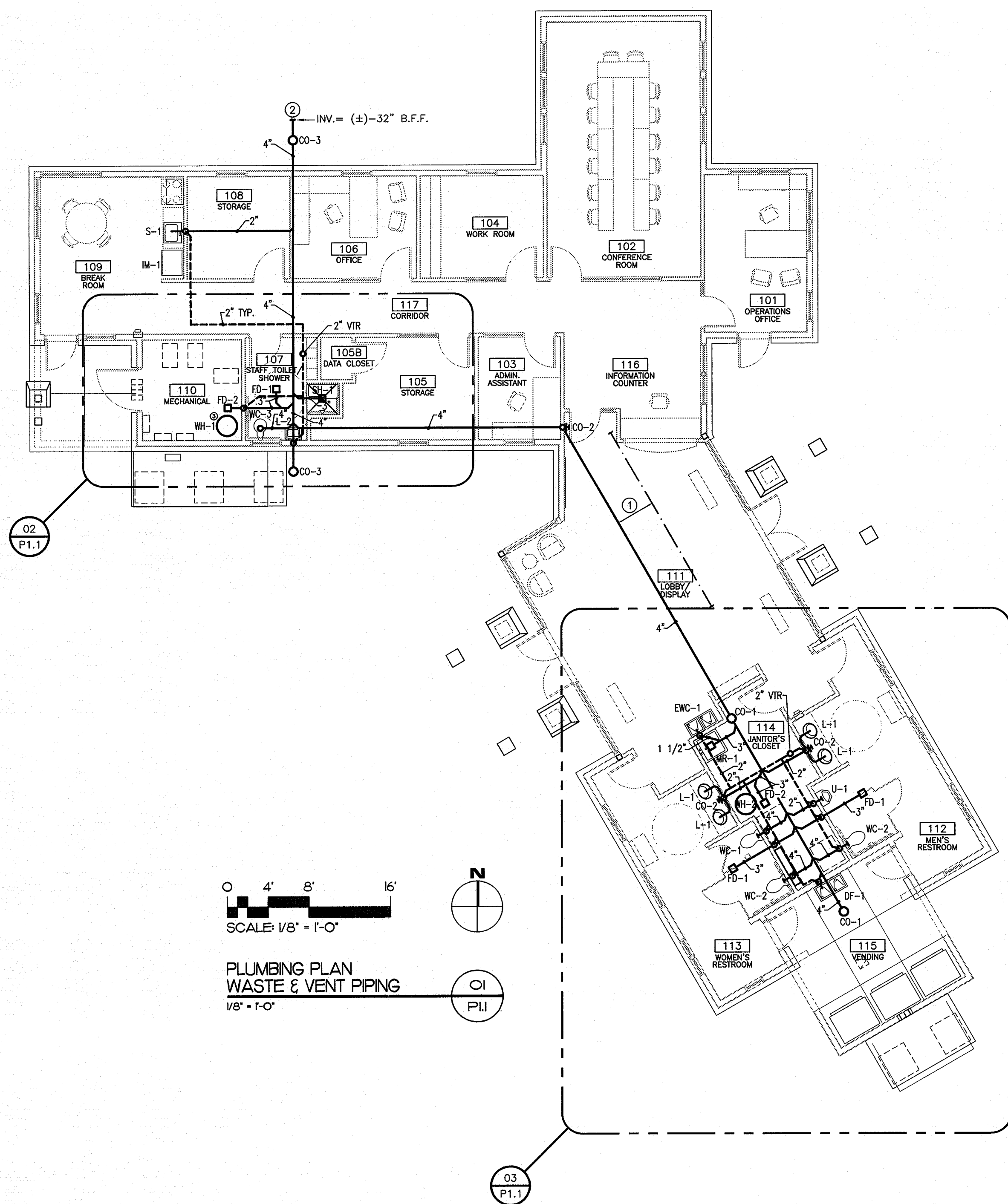
PROJECT NO.

2013-04

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MATERIALS KEYING LEGEND		
GENERAL NOTES		
KEY PLAN		
SCO ID #120956301; CODE 84210; ITEM 7826		
NO	REVISION	DATE
 J K F ARCHITECTURE		
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NC DEPARTMENT OF TRANSPORTATION		
CURRITUCK WELCOME CENTER		
TOWN OF CURRITUCK, NC		
SECTIONS		
SCALE DRAWN CHECKED DATE PROJECT NO.	AS NOTED KBF KMR 6-26-2013 2013-04	DRAWING NO S3.5

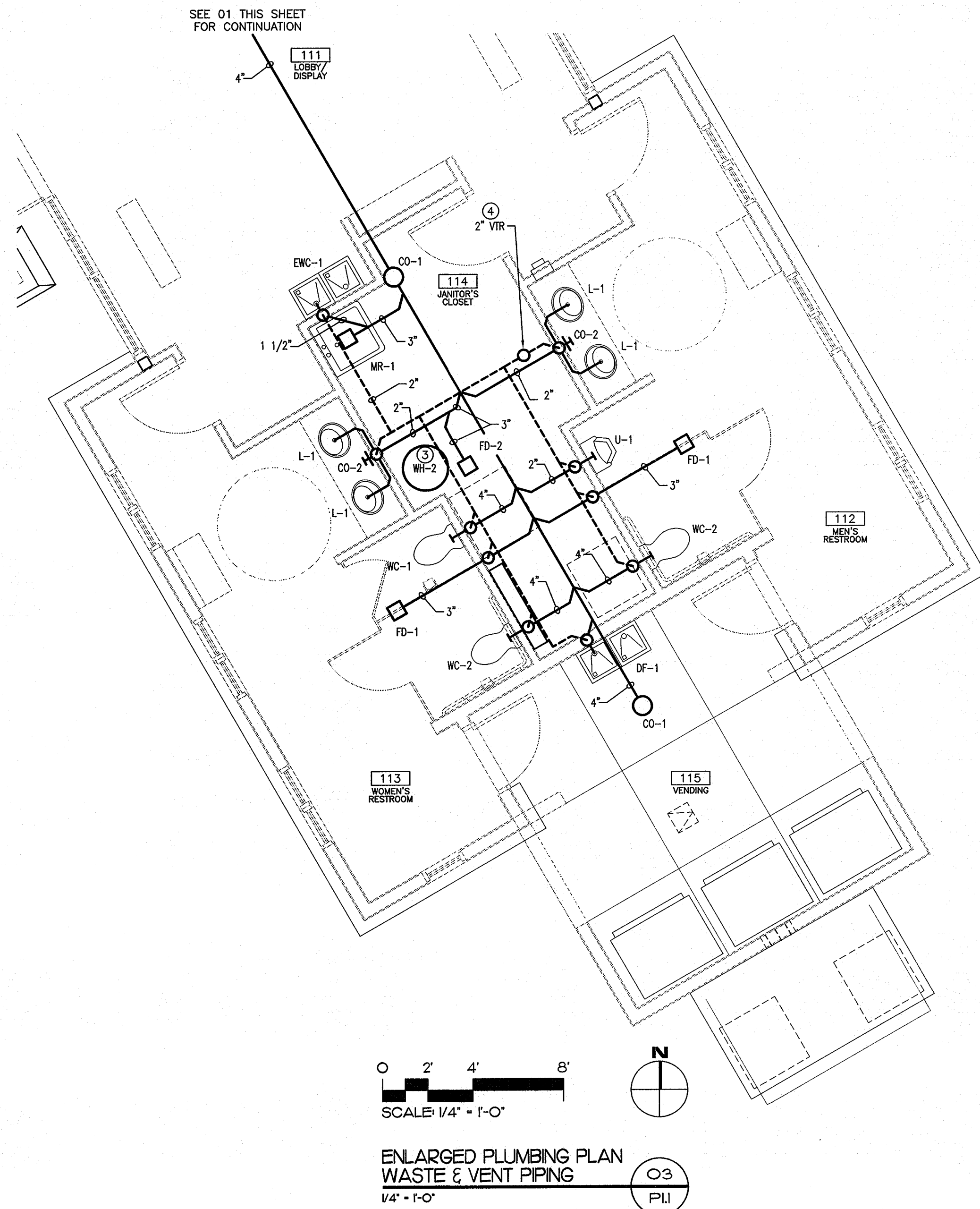
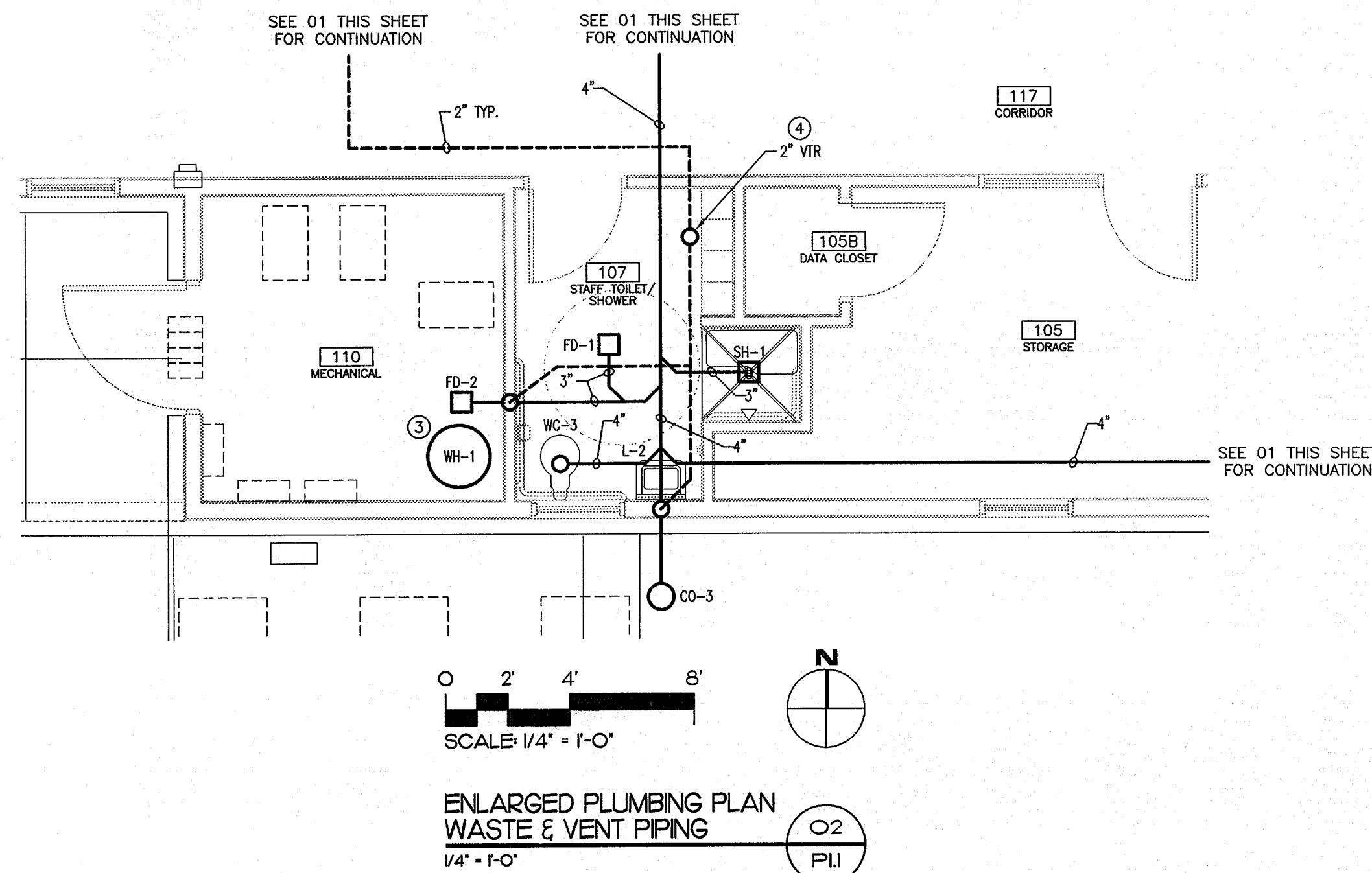


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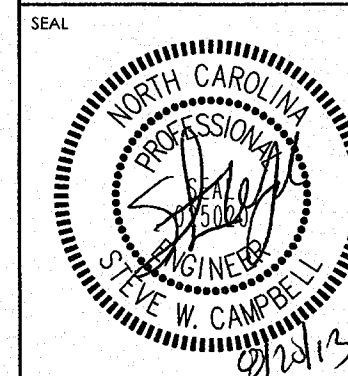
1. BASE FLOOD ELEVATION FOR SITE IS +5'-0" ABOVE SEA LEVEL (ASL). FINISH FLOOR OF BUILDING AT +6'-0" ASL. PLUMBING CONTRACTOR SHALL COORDINATE INSTALLATION OF ALL PLUMBING SYSTEMS AND EQUIPMENT SO THAT ALL REQUIREMENTS OF NC PLUMBING CODE SECTION 309 FLOOD HAZARD RESISTANCE ARE MET. ALL WATER SERVICE PIPING, SANITARY DRAINAGE PIPING, PIPING ACCESS COVERS, CLEANOUTS, FIXTURES, FITTINGS, VENT SYSTEMS, GAS PIPING, GAS EQUIPMENT, AND ALL RELATED APPURTENANCES WHICH ARE INSTALLED BELOW GRADE OR BELOW THE FINISH FLOOR ELEVATION OF THE BUILDING SHALL BE INSTALLED TO PREVENT WATER FROM ENTERING OR ACCUMULATING WITHIN THEIR COMPONENTS AND IN SUCH A WAY TO RESIST HYDROSTATIC AND HYDRODYNAMIC LOADS AND STRESSES, INCLUDING EFFECTS OF BUOYANCY.

NOTES: (AS INDICATED ON THIS PLAN BY A NUMBER IN A ○)

- ① BUILDING DRAIN 5' MINIMUM FROM UNDERGROUND COLD WATER SERVICE PIPING. REFER TO P1.2-01.
- ② BUILDING SEWER OUT TO PUMP/SEPTIC SYSTEM. REFER TO CIVIL PLANS FOR CONTINUATION. COORDINATE SYSTEM WITH GENERAL CONTRACTOR AND SITE UTILITIES CONTRACTOR PRIOR TO INSTALLING BUILDING DRAIN PIPING.
- ③ SEE SHEET P1.2 AND FIXTURE SCHEDULE, SPECIFICATIONS, AND MANUFACTURER'S REQUIREMENTS FOR WATER HEATER VENTING.
- ④ COORDINATE ROOF PENETRATIONS WITH ARCHITECTURAL PLANS AND GENERAL CONTRACTOR - VTR PENETRATING STANDING SEAM METAL ROOFING SHALL PENETRATE ROOFING AT CENTER OF STANDING SEAM PANEL WIDTH.



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KEY PLAN

SCO ID #120956301; CODE 84210; ITEM 7826

NO	REVISION	DATE

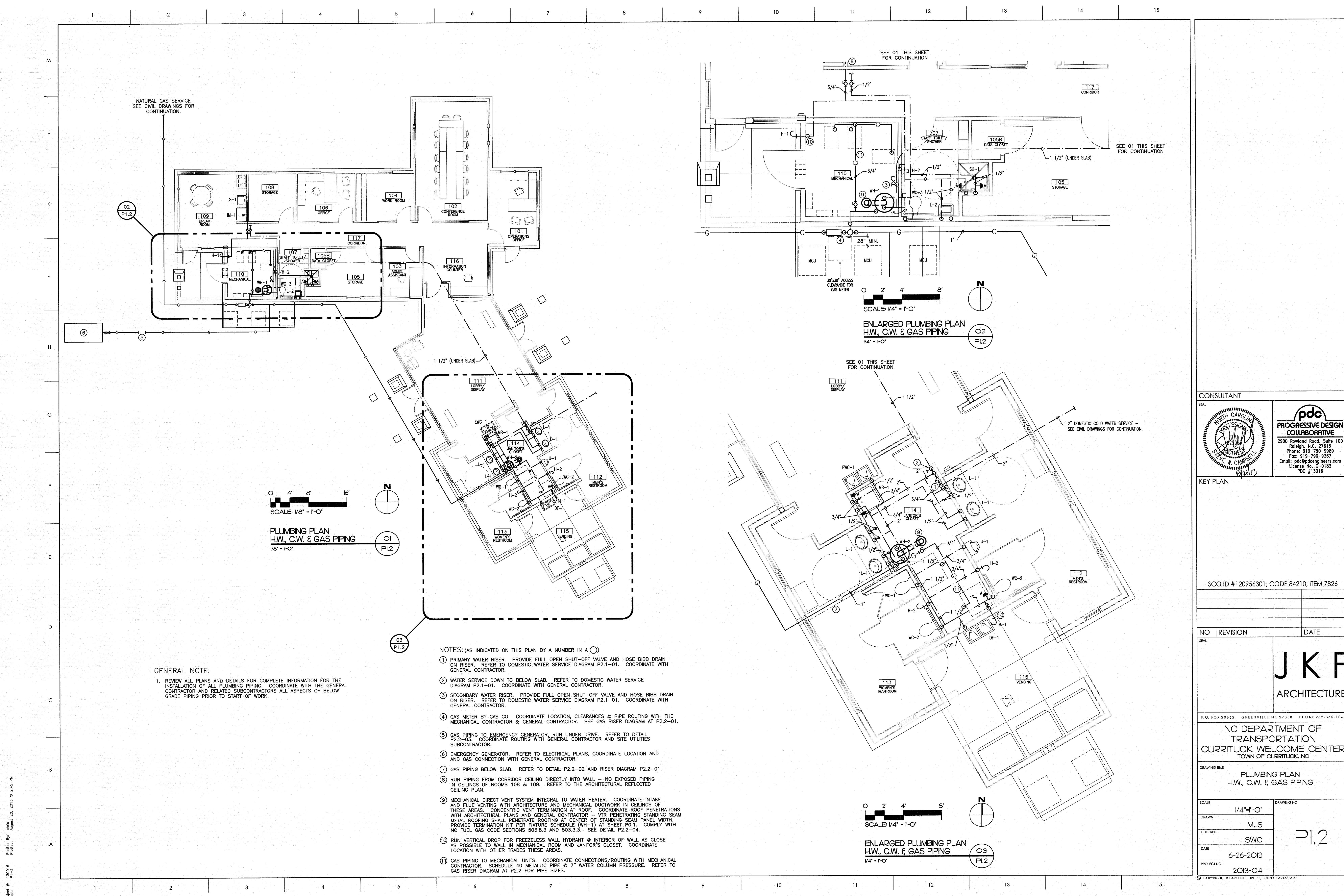
J K F
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TOWN OF CURRITUCK, NC

DRAWING TITLE
PLUMBING PLAN
WASTE & VENT

SCALE	1/8"=1'-0"
DRAWN	MJS
CHECKED	SWC
DATE	6-26-2013
PROJECT NO.	2013-04

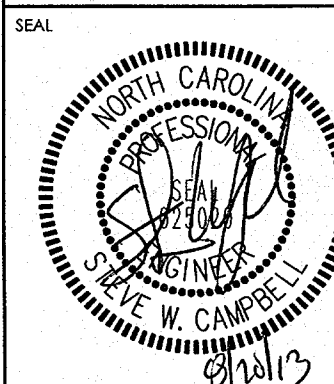
P1.1



GENERAL NOTE:
1. REVIEW ALL PLANS AND DETAILS FOR COMPLETE INFORMATION FOR THE INSTALLATION OF ALL PLUMBING PIPING. COORDINATE WITH THE GENERAL CONTRACTOR AND RELATED SUBCONTRACTORS ALL ASPECTS OF BELOW GRADE PIPING PRIOR TO START OF WORK.

- NOTES: (AS INDICATED ON THIS PLAN BY A NUMBER IN A ○)
- ① PRIMARY WATER RISER. PROVIDE FULL OPEN SHUT-OFF VALVE AND HOSE BIBB DRAIN ON RISER. REFER TO DOMESTIC WATER SERVICE DIAGRAM P2.1-01. COORDINATE WITH GENERAL CONTRACTOR.
 - ② WATER SERVICE DOWN TO BELOW SLAB. REFER TO DOMESTIC WATER SERVICE DIAGRAM P2.1-01. COORDINATE WITH GENERAL CONTRACTOR.
 - ③ SECONDARY WATER RISER. PROVIDE FULL OPEN SHUT-OFF VALVE AND HOSE BIBB DRAIN ON RISER. REFER TO DOMESTIC WATER SERVICE DIAGRAM P2.1-01. COORDINATE WITH GENERAL CONTRACTOR.
 - ④ GAS METER BY GAS CO. COORDINATE LOCATION, CLEARANCES & PIPE ROUTING WITH THE MECHANICAL CONTRACTOR & GENERAL CONTRACTOR. SEE GAS RISER DIAGRAM AT P2.2-01.
 - ⑤ GAS PIPING TO EMERGENCY GENERATOR. RUN UNDER DRIVE. REFER TO DETAIL P2.2-03. COORDINATE ROUTING WITH GENERAL CONTRACTOR AND SITE UTILITIES SUBCONTRACTOR.
 - ⑥ EMERGENCY GENERATOR. REFER TO ELECTRICAL PLANS, COORDINATE LOCATION AND AND GAS CONNECTION WITH GENERAL CONTRACTOR.
 - ⑦ GAS PIPING BELOW SLAB. REFER TO DETAIL P2.2-02 AND RISER DIAGRAM P2.2-01.
 - ⑧ RUN PIPING FROM CORRIDOR CEILING DIRECTLY INTO WALL - NO EXPOSED PIPING IN CEILINGS OF ROOMS 108 & 109. REFER TO THE ARCHITECTURAL REFLECTED CEILING PLAN.
 - ⑨ MECHANICAL DIRECT VENT SYSTEM INTEGRAL TO WATER HEATER. COORDINATE INTAKE AND FLUE VENTING WITH ARCHITECTURE AND MECHANICAL DUCTWORK IN CEILINGS OF THESE AREAS. CONCENTRIC VENT TERMINATION AT ROOF. COORDINATE ROOF PENETRATIONS WITH ARCHITECTURAL PLANS AND GENERAL CONTRACTOR - VTR PENETRATING STANDING SEAM METAL ROOFING SHALL PENETRATE ROOFING AT CENTER OF STANDING SEAM PANEL WIDTH. PROVIDE TERMINATION KIT PER FIXTURE SCHEDULE (WH-1) AT SHEET P0.1. COMPLY WITH NC FUEL GAS CODE SECTIONS 503.8.3 AND 503.3.3. SEE DETAIL P2.2-04.
 - ⑩ RUN VERTICAL DROP FOR FREEZELESS WALL HYDRANT @ INTERIOR OF WALL AS CLOSE AS POSSIBLE TO WALL IN MECHANICAL ROOM AND JANITOR'S CLOSET. COORDINATE LOCATION WITH OTHER TRADES THESE AREAS.
 - ⑪ GAS PIPING TO MECHANICAL UNITS. COORDINATE CONNECTIONS/ROUTING WITH MECHANICAL CONTRACTOR. SCHEDULE 40 METALLIC PIPE @ 7" WATER COLUMN PRESSURE. REFER TO GAS RISER DIAGRAM AT P2.2 FOR PIPE SIZES.

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KEY PLAN

SCO ID #120956301; CODE 84210; ITEM 7826

NO	REVISION	DATE

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CURRITUCK WELCOME CENTER
TOWN OF CURRITUCK, NC

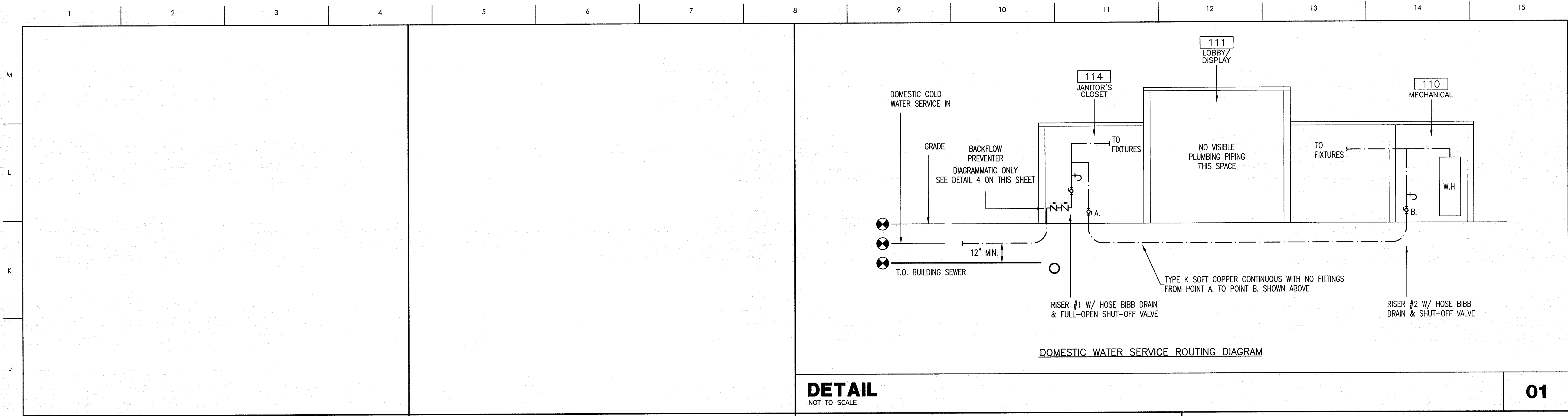
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H.W., C.W. & GAS PIPING

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DRAWN	MJS
CHECKED	SWC
DATE	6-26-2013
PROJECT NO.	2013-04

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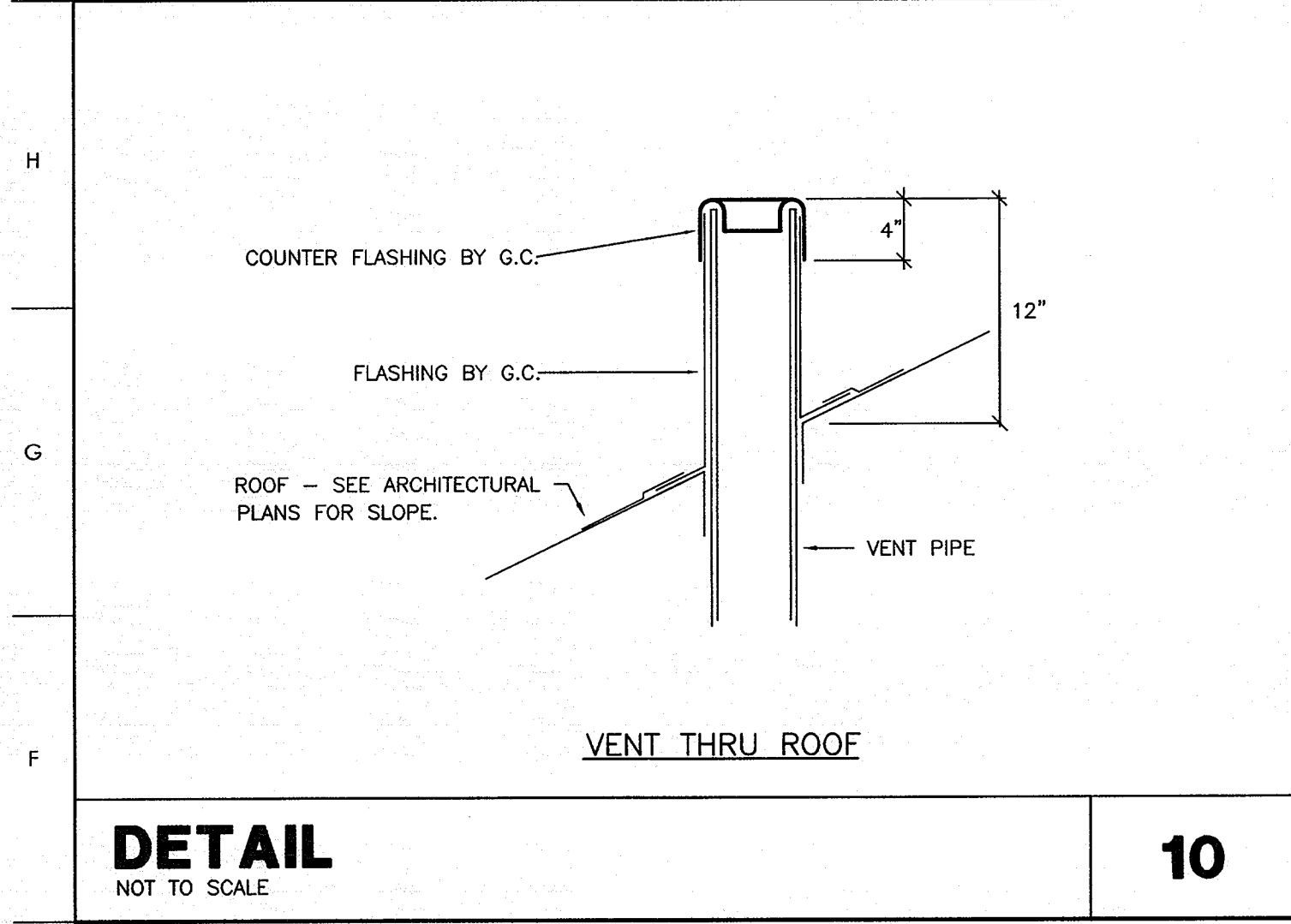
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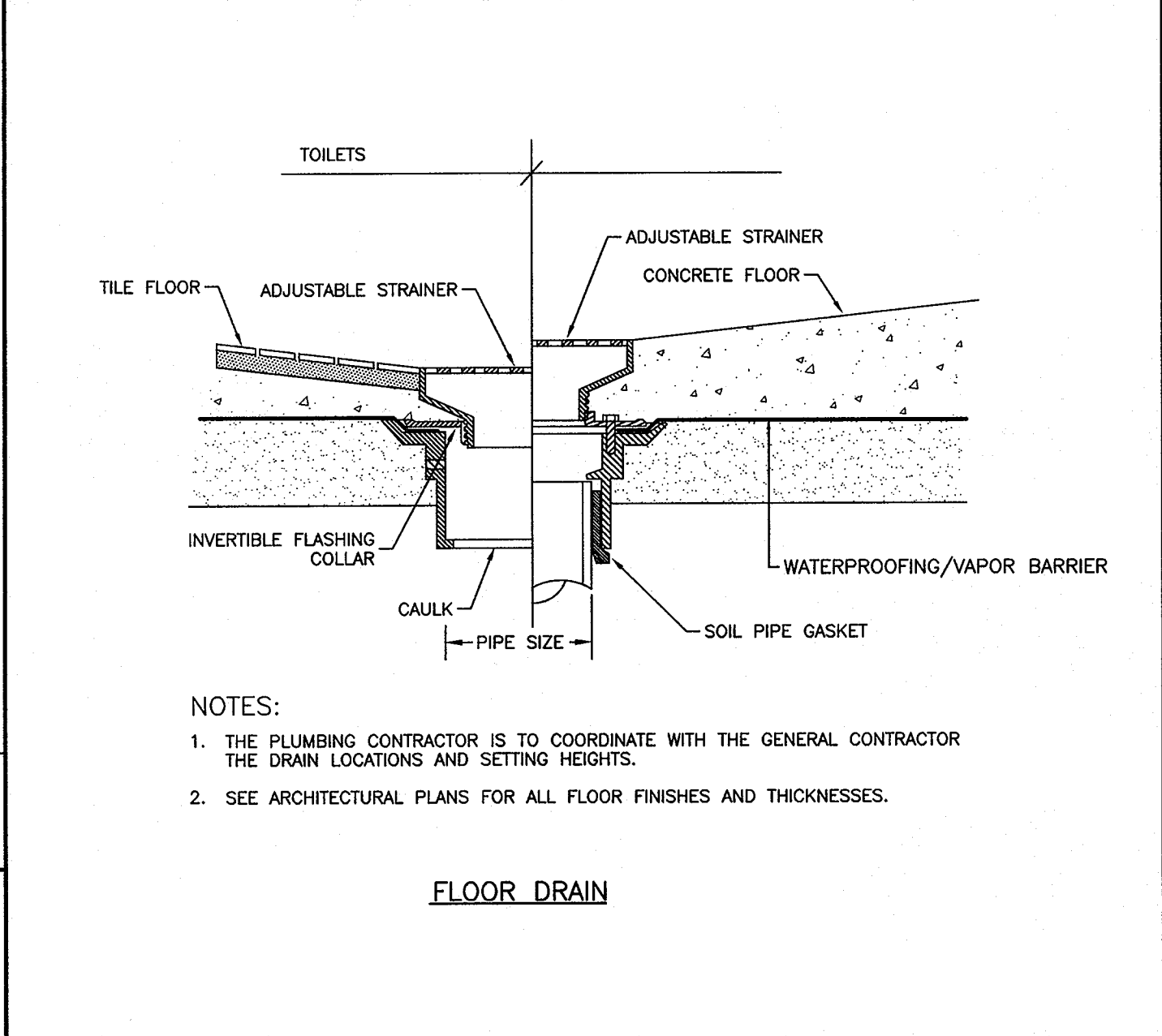


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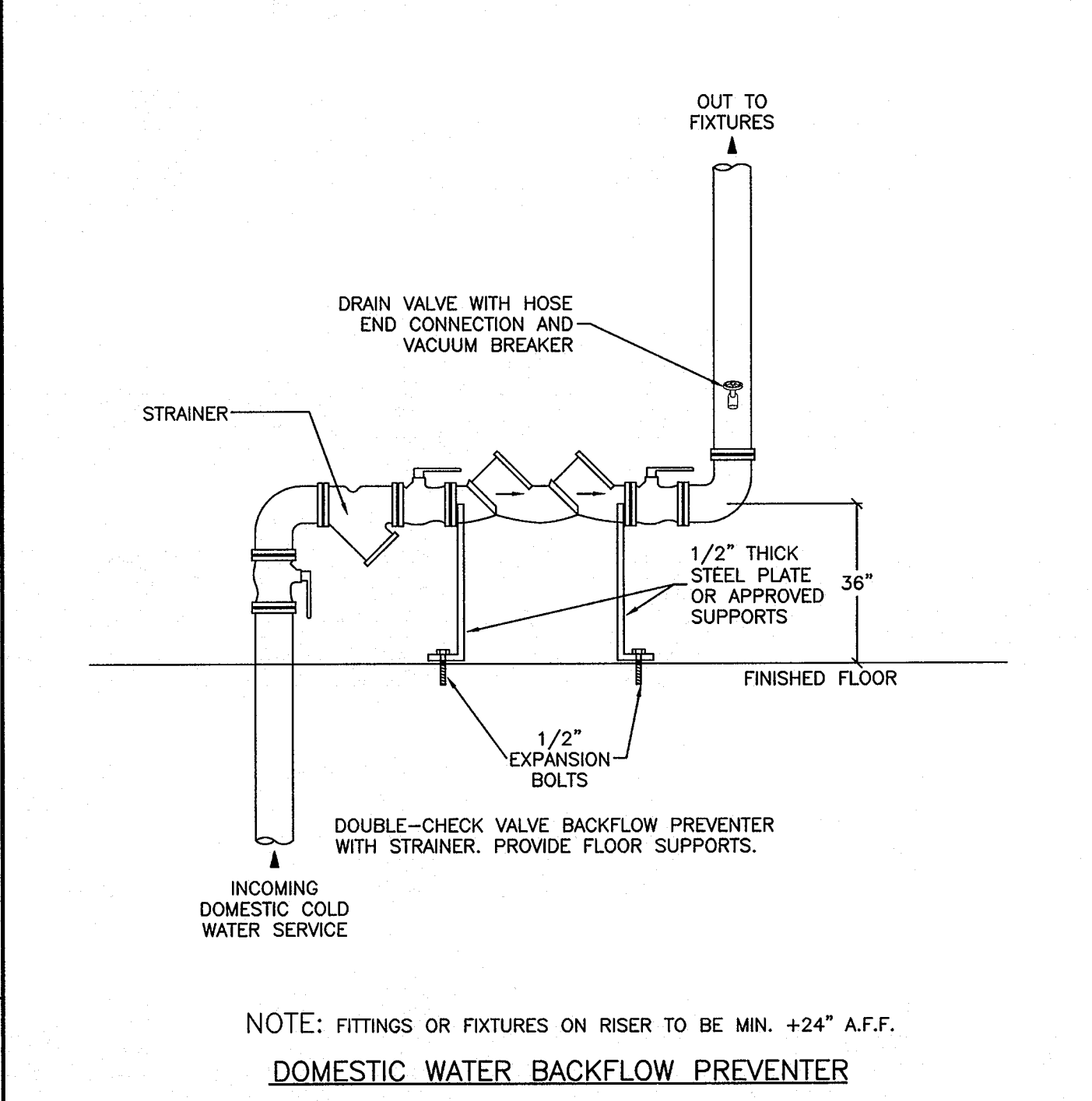


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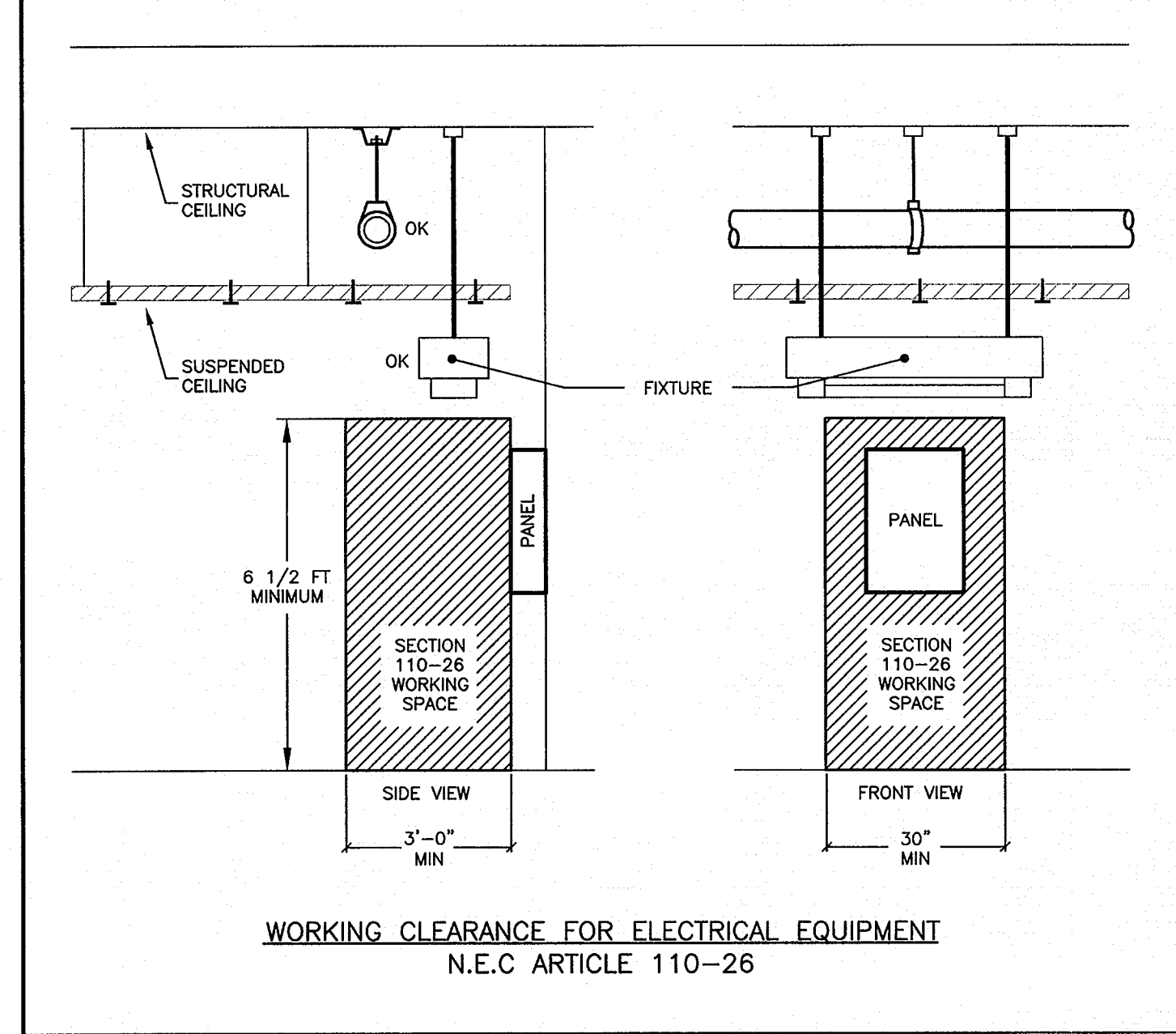
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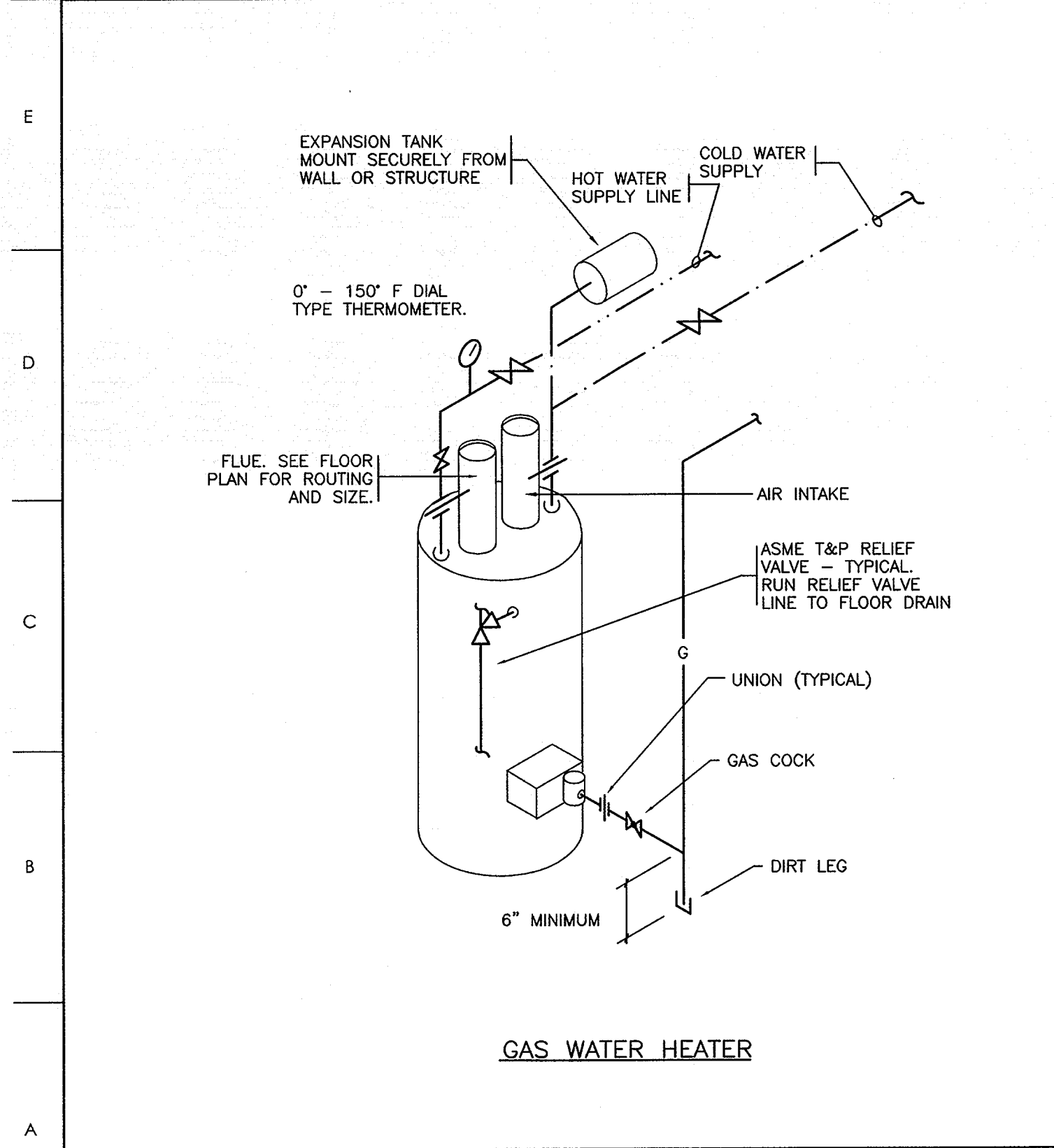
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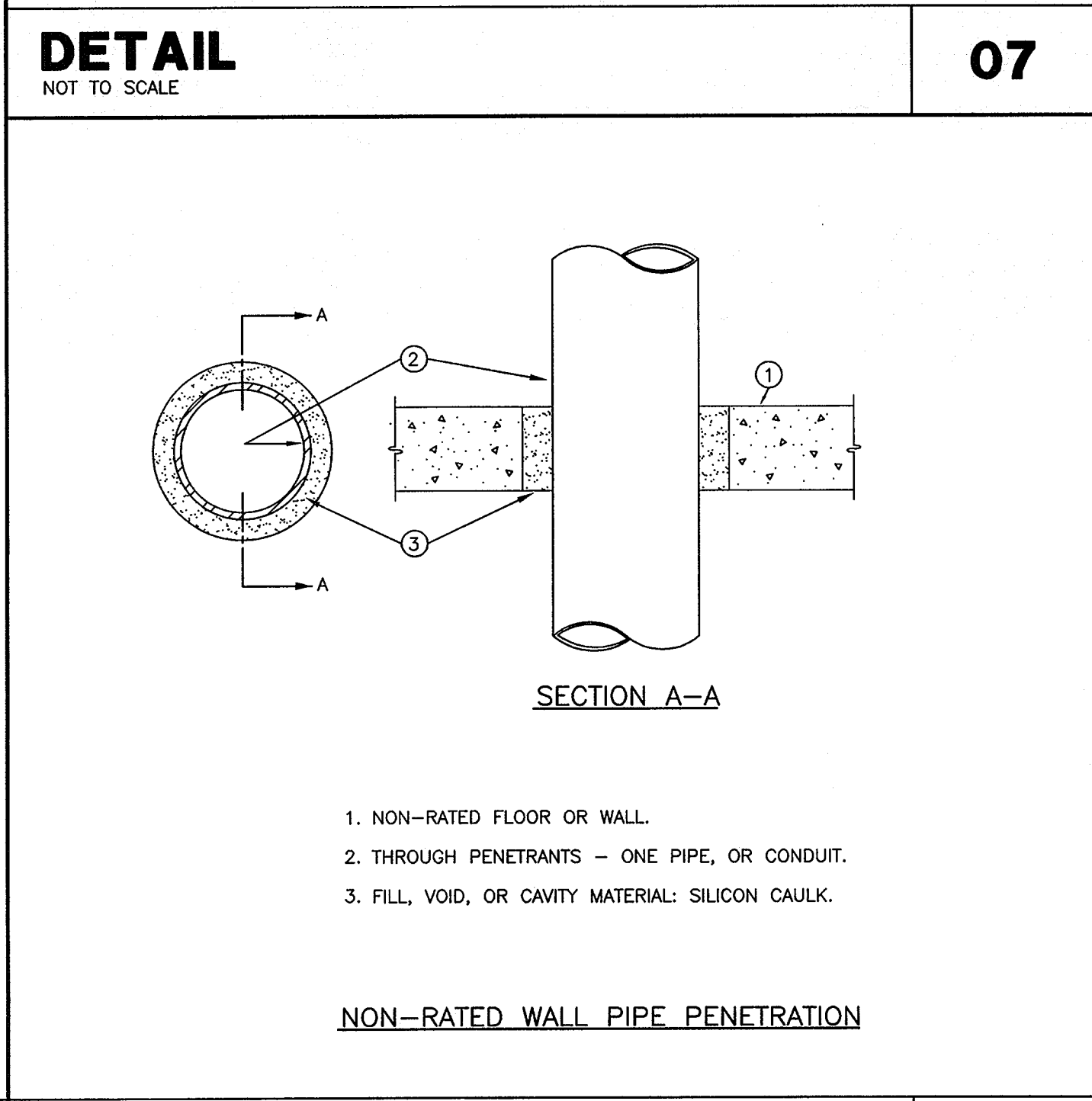
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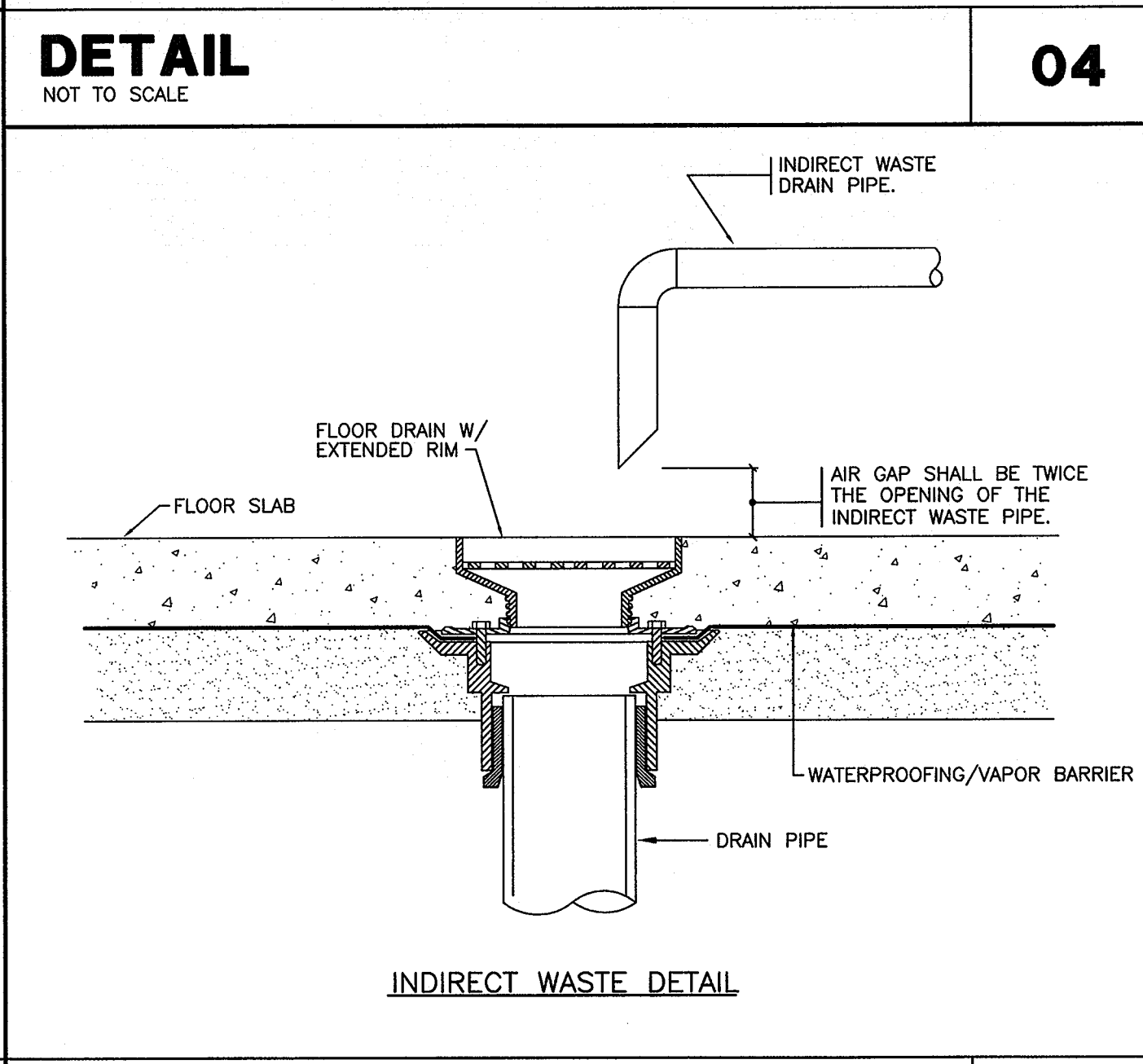
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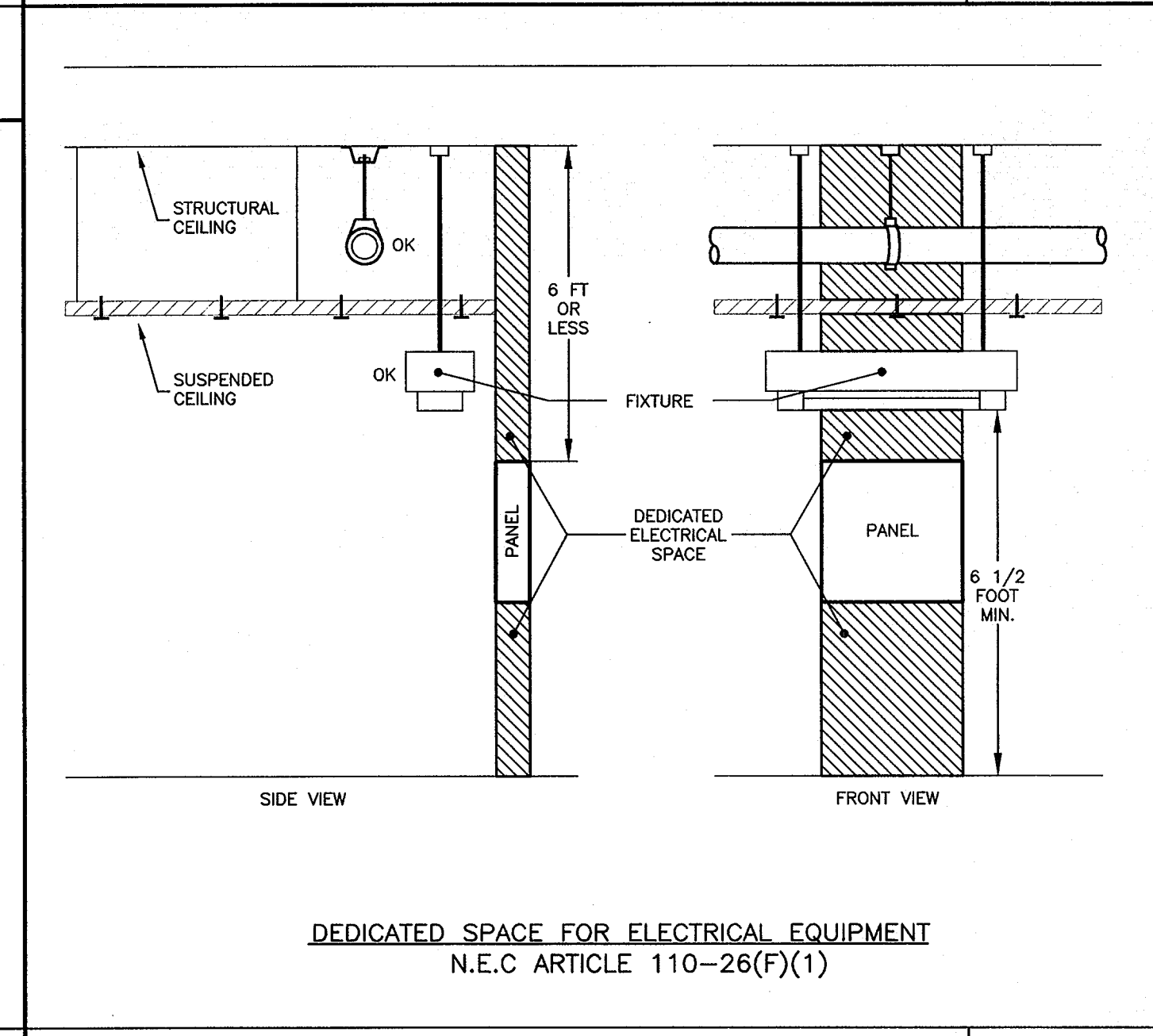
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DETAIL
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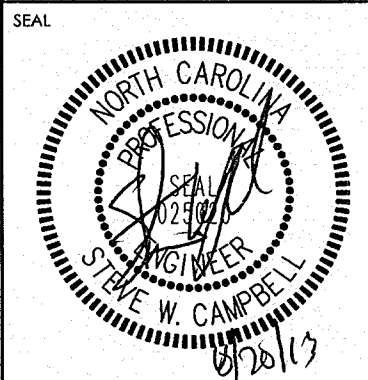
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DETAIL
NOT TO SCALE

03

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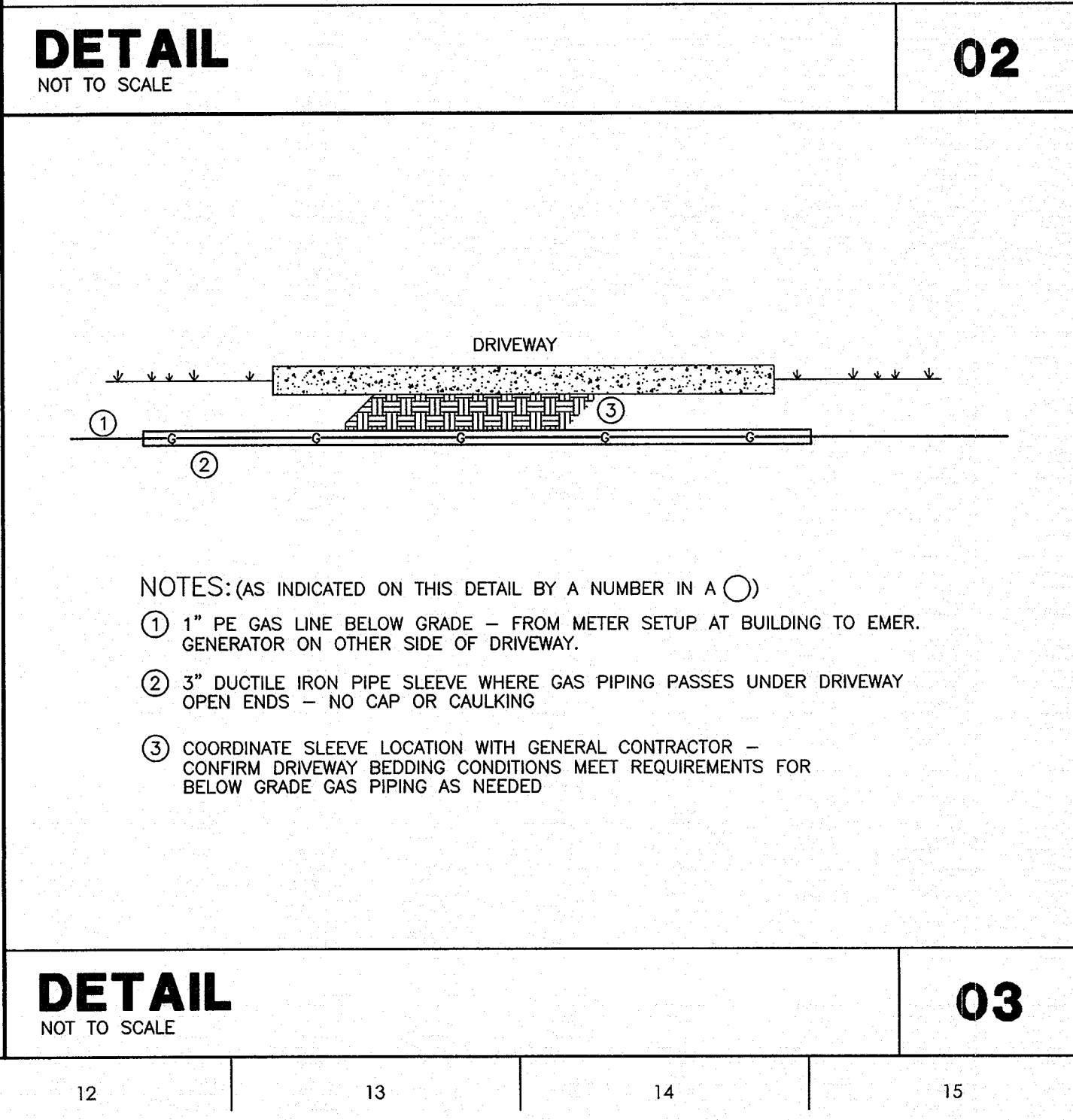
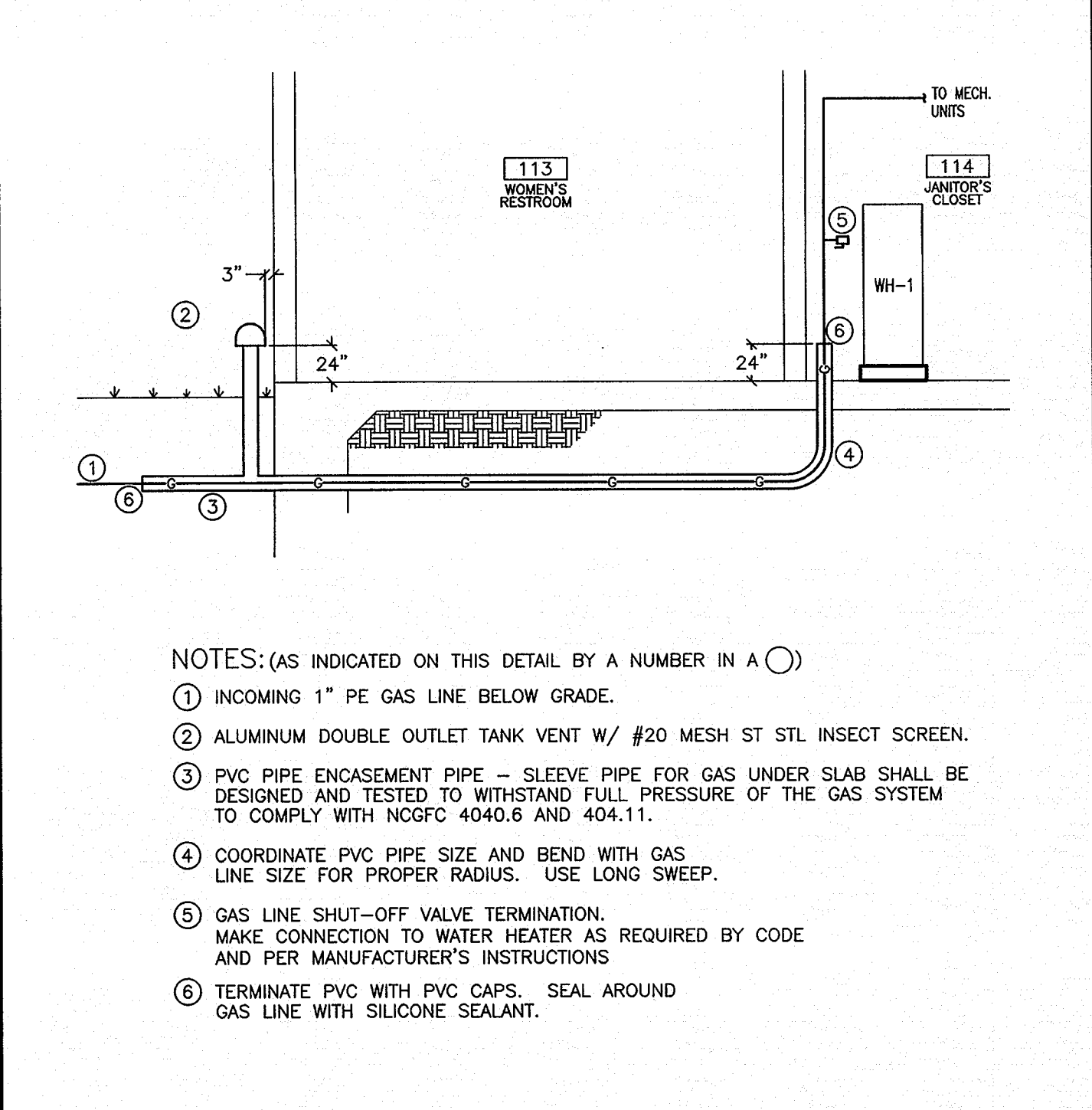
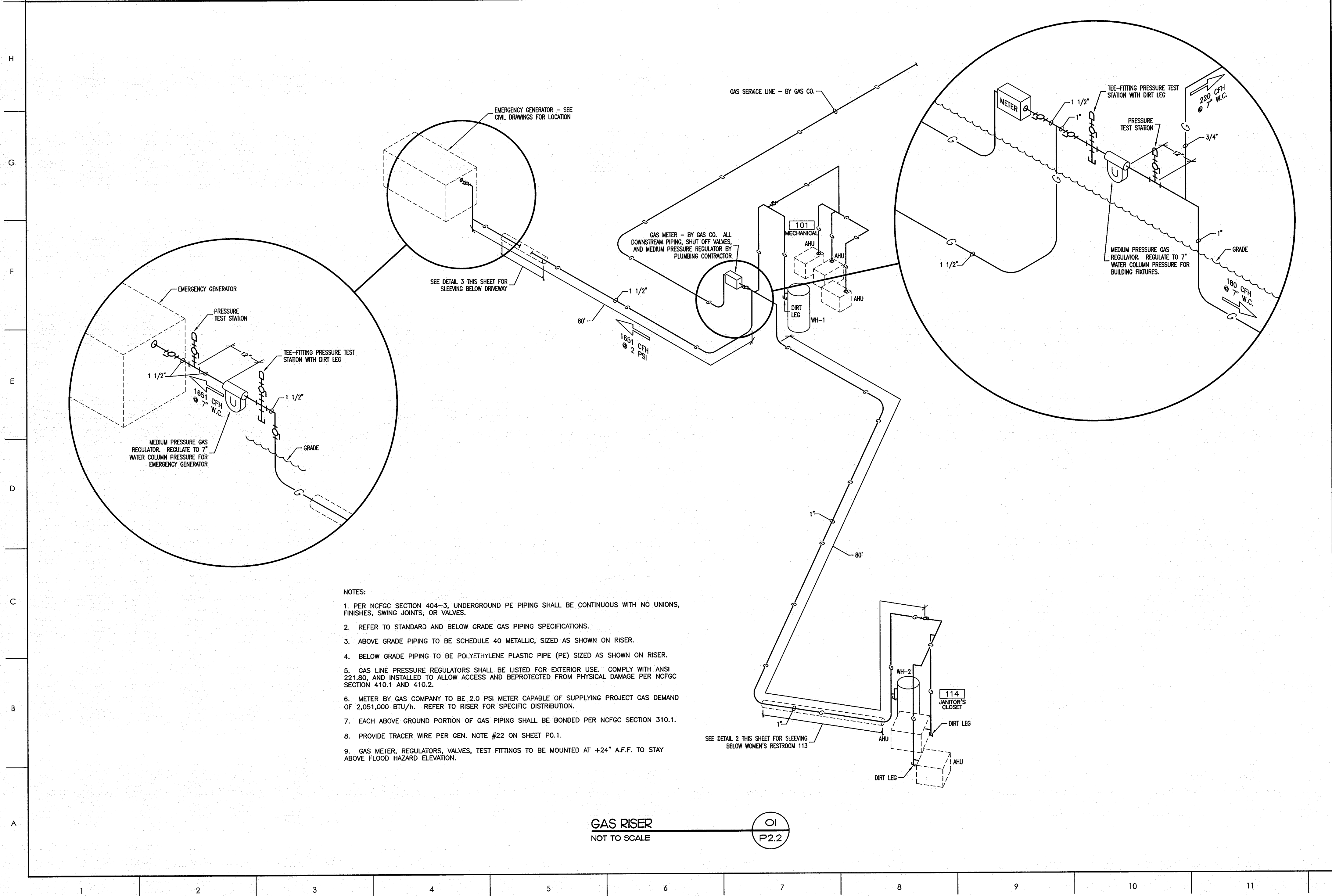
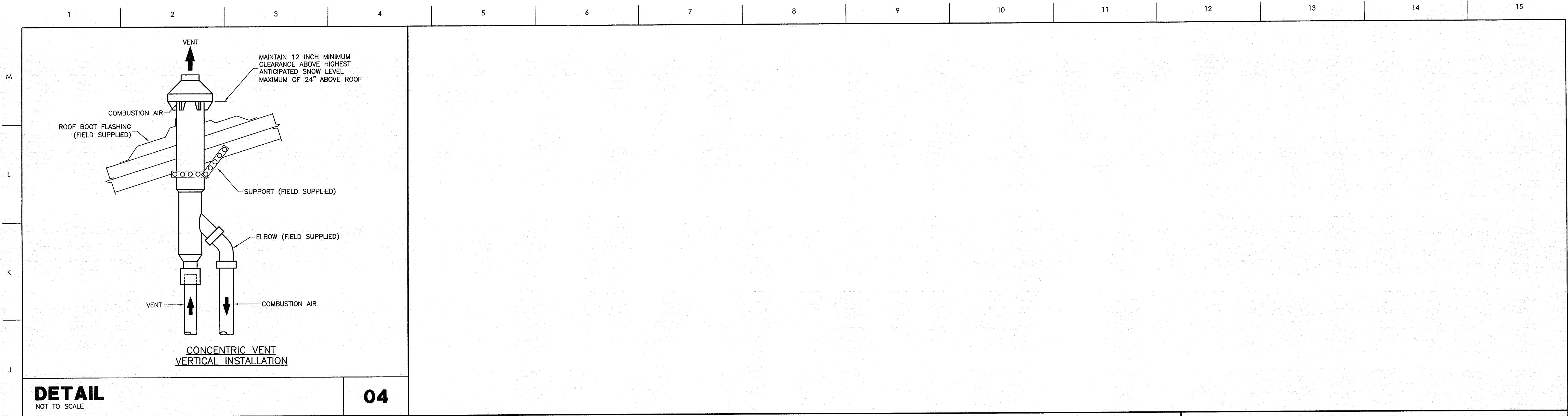
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PLUMBING DETAILS

SCALE
DRAWN
CHECKED
DATE
PROJECT NO.

DRAWING NO.
1/4"=1'-0"
MJS
SWC
6-26-2013
2013-04

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SEAL

NORTH CAROLINA PROFESSIONAL ENGINEER
J. K. FARRAS
JULIE W. CAMPBELL
8/20/13

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PDC #13016

KEY PLAN

SCO ID #120956301; CODE 84210; ITEM 7826

NO REVISION DATE

SEAL

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TOWN OF CURRITUCK, NC

DRAWING TITLE

PLUMBING
DETAILS

SCALE

1/4"=1'-0"

DRAWN

MJS

CHECKED

SWC

DATE

6-26-2013

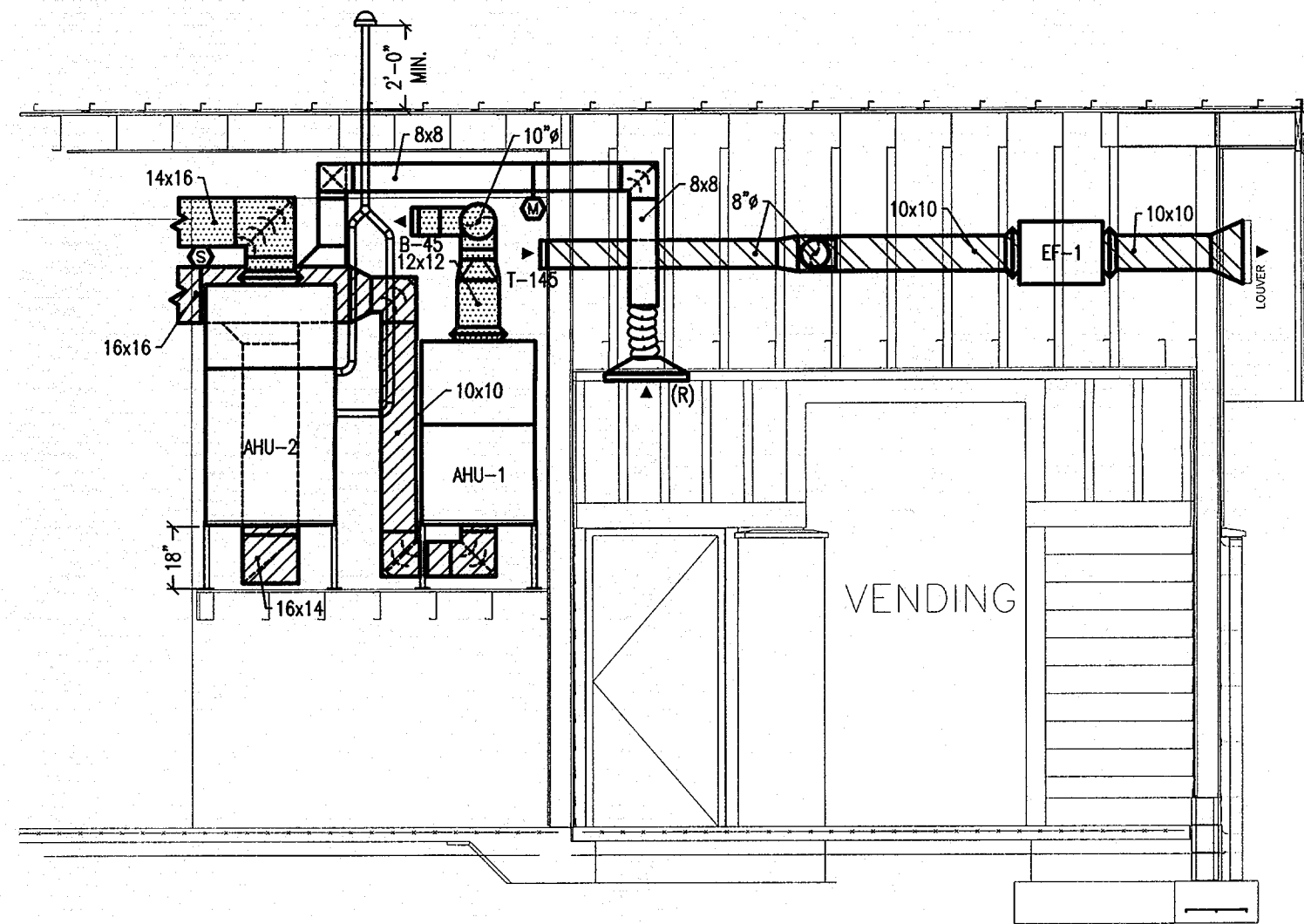
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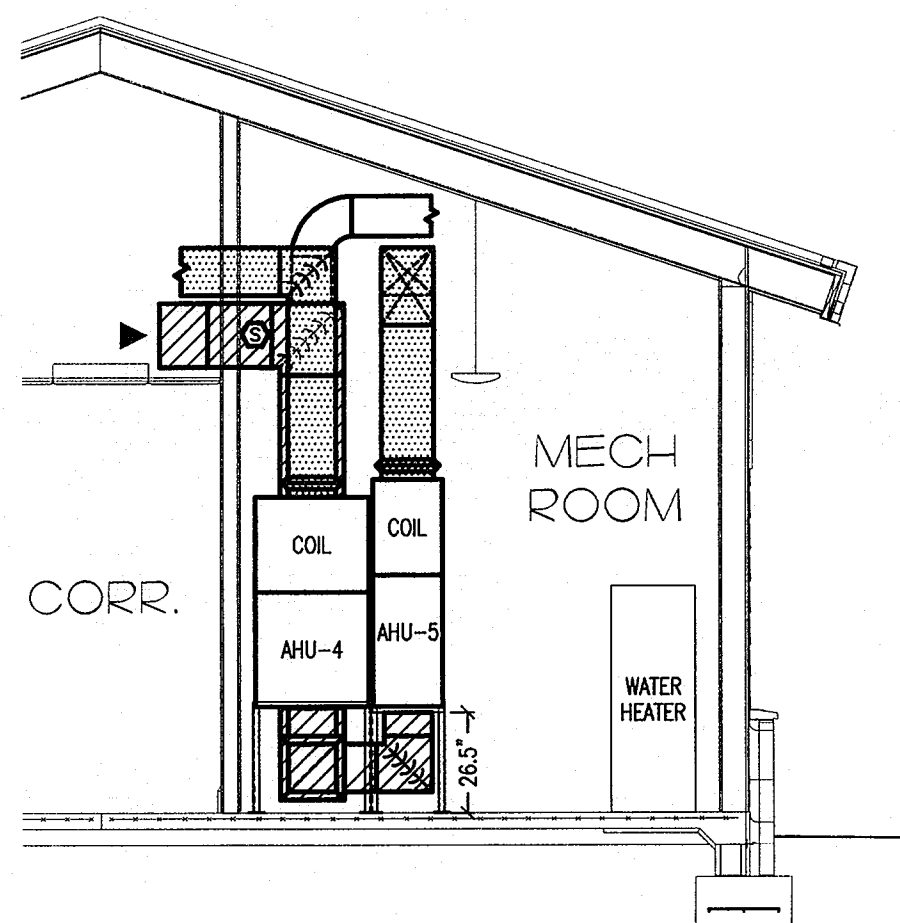
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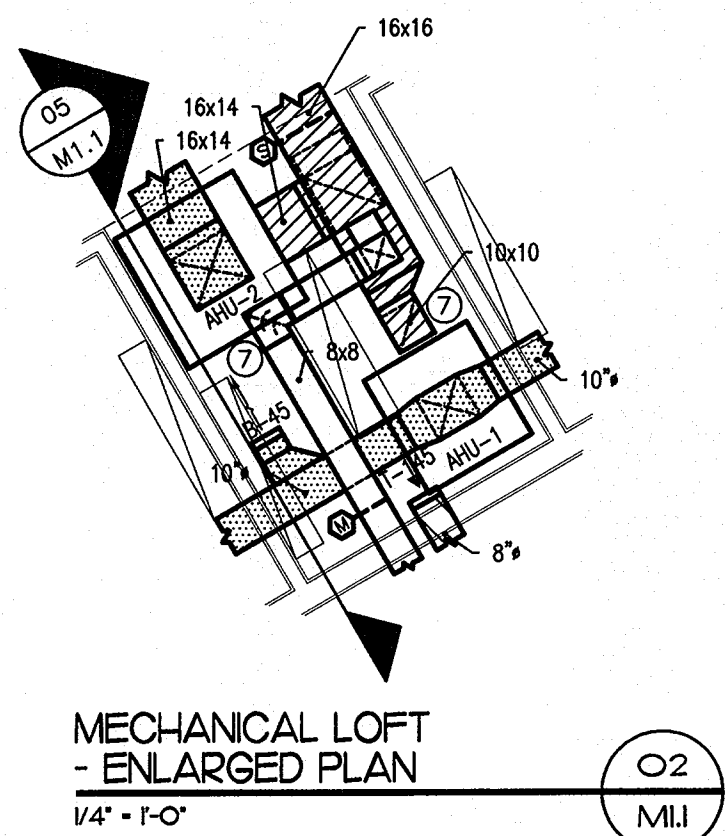
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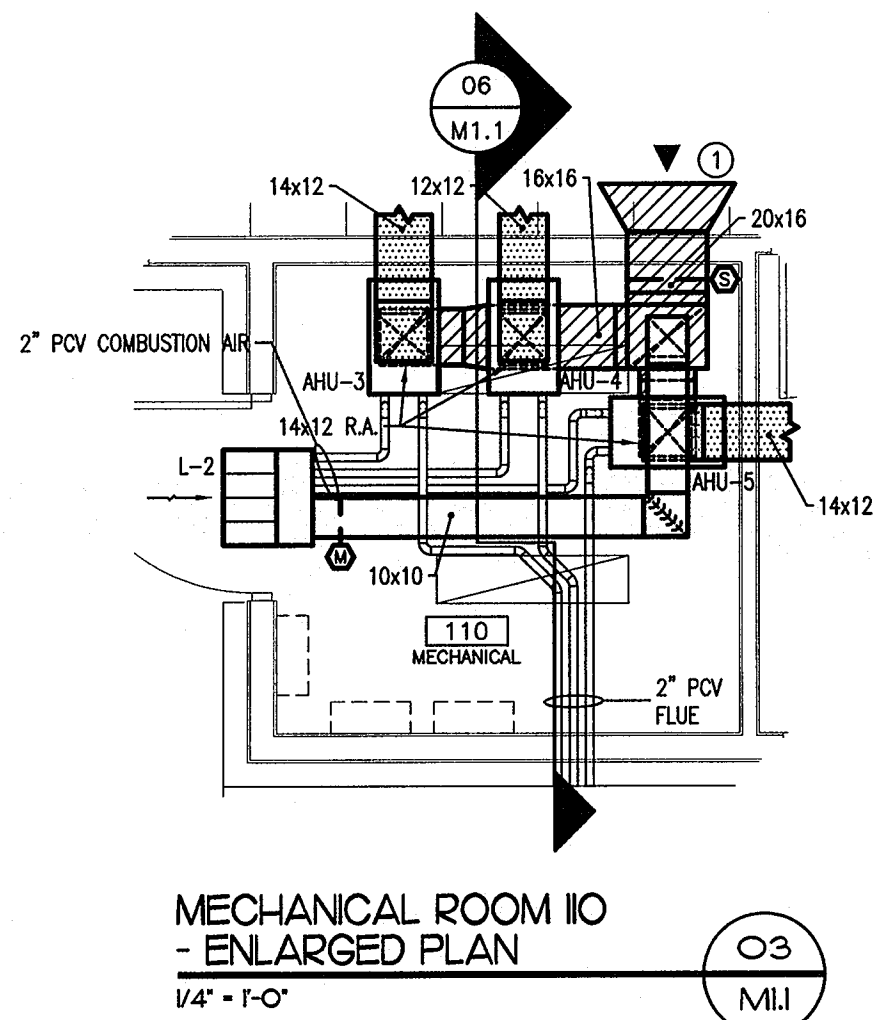
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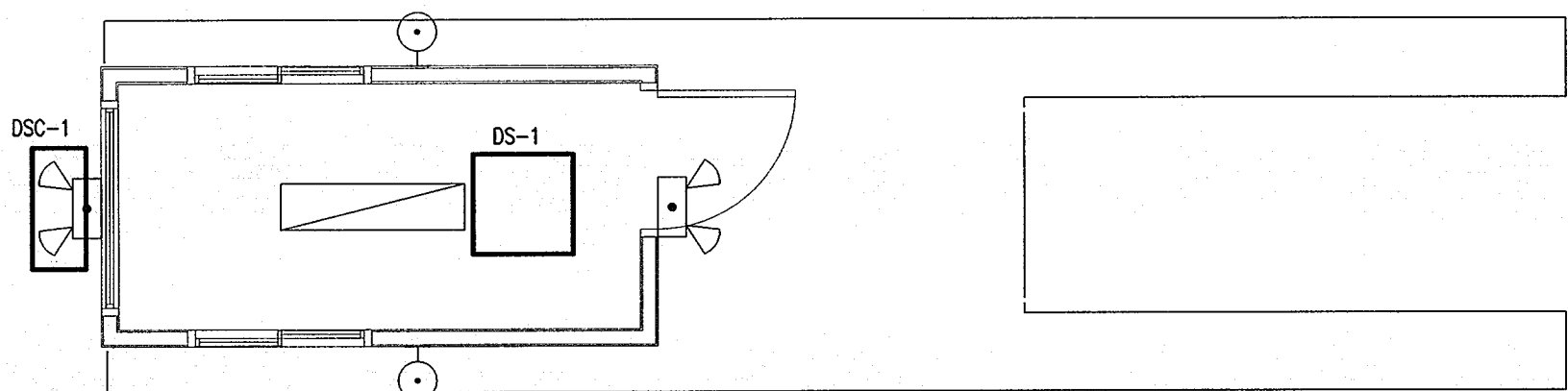
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SECTION
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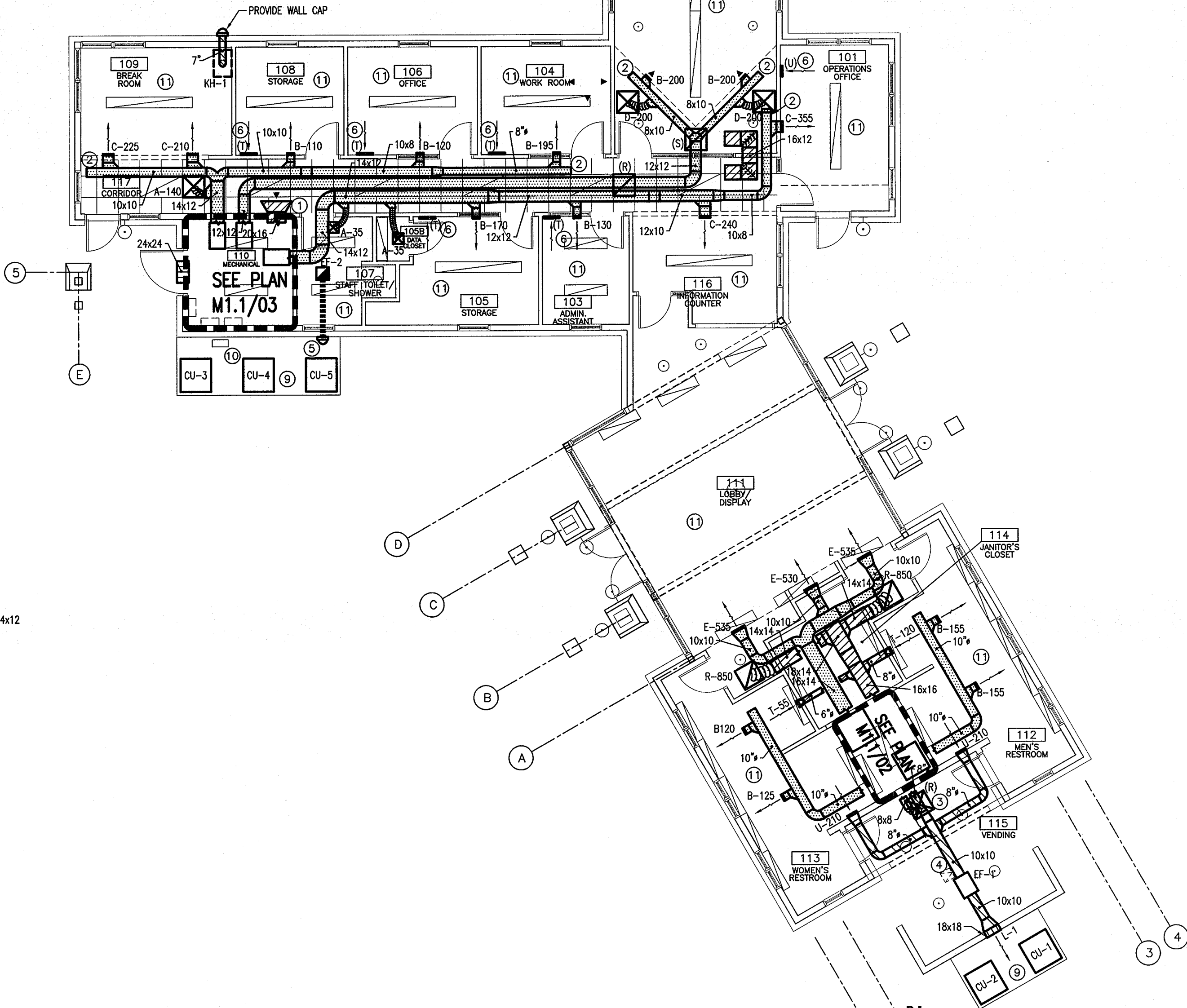
MECHANICAL LOFT
- ENLARGED PLAN
1/4" = 1'-0"



MECHANICAL ROOM IIO
- ENLARGED PLAN
1/4" = 1'-0"



TICKET BOOTH
1/4" = 1'-0"



MECHANICAL PLAN
1/8" = 1'-0"

MECHANICAL PLAN
1/8" = 1'-0"

NOTES:

- 1 PROVIDE 30" BELLMOUTH OPENING. COVER END OF DUCTWORK WITH REMOVABLE 1/4" GALVANIZED MESH HARDWARE CLOTH WITH A 1" HEMMED SHEET METAL BORDER.
- 2 EXTEND SUPPLY AIR DUCTWORK x 1 1/2" WIDTH OF LARGEST TAP-OFF TO CREATE "CUSHION HEAD" FOR MAXIMIZATION OF AIR FLOW WITH A MINIMAL FRICTION LOSS. SEE "CUSHION HEAD" DETAIL.
- 3 PROVIDE RETURN/OUTSIDE AIR DIFFUSER IN CEILING OF VENDING OPEN AREA FOR OUTSIDE AIR. COORDINATE LOCATION WITH ARCHITECTURAL RCP.
- 4 PROVIDE VANDAL-PROOF ACCESS DOOR FOR EXHAUST FAN SERVICE.
- 5 PROVIDE WALLCAP FOR EXHAUST FAN WITH BACKDRAFT DAMPER.
- 6 PROVIDE AN ELBOW AND 12" STRAIGHT RUN OF DUCTWORK ON THE BACK OF EACH RETURN GRILLE SIMILAR TO DETAIL M3.2/05.
- 7 PROVIDE 2"(OR PER MANUFACTURERS RECOMMENDATION) PVC COMBUSTION AIR AND FLUE VENT UP THROUGH ROOF TO CONCENTRIC VENT.
- 8 PROVIDE SECONDARY DRAIN PAN WITH FLOAT UNDER AIR HANDLING UNITS TO SHUT UNITS DOWN IF CONDENSATE COLLECTS.
- 9 CONDENSER PADS TO BE AT FINISHED FLOOR ELEVATION.
- 10 COORDINATE GAS METER LOCATION WITH PLUMBING CONTRACTOR TO PROVIDE REQUIRED CLEARANCES FOR ALL EQUIPMENT.
- 11 COORDINATE CEILING TYPES AND CLEARANCES WITH ALL DEVICES (TYPICAL ALL ROOMS).

CONSULTANT



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KEY PLAN

SCO ID #120956301; CODE 84210; ITEM 7826

NO REVISION DATE

J K F
ARCHITECTURE

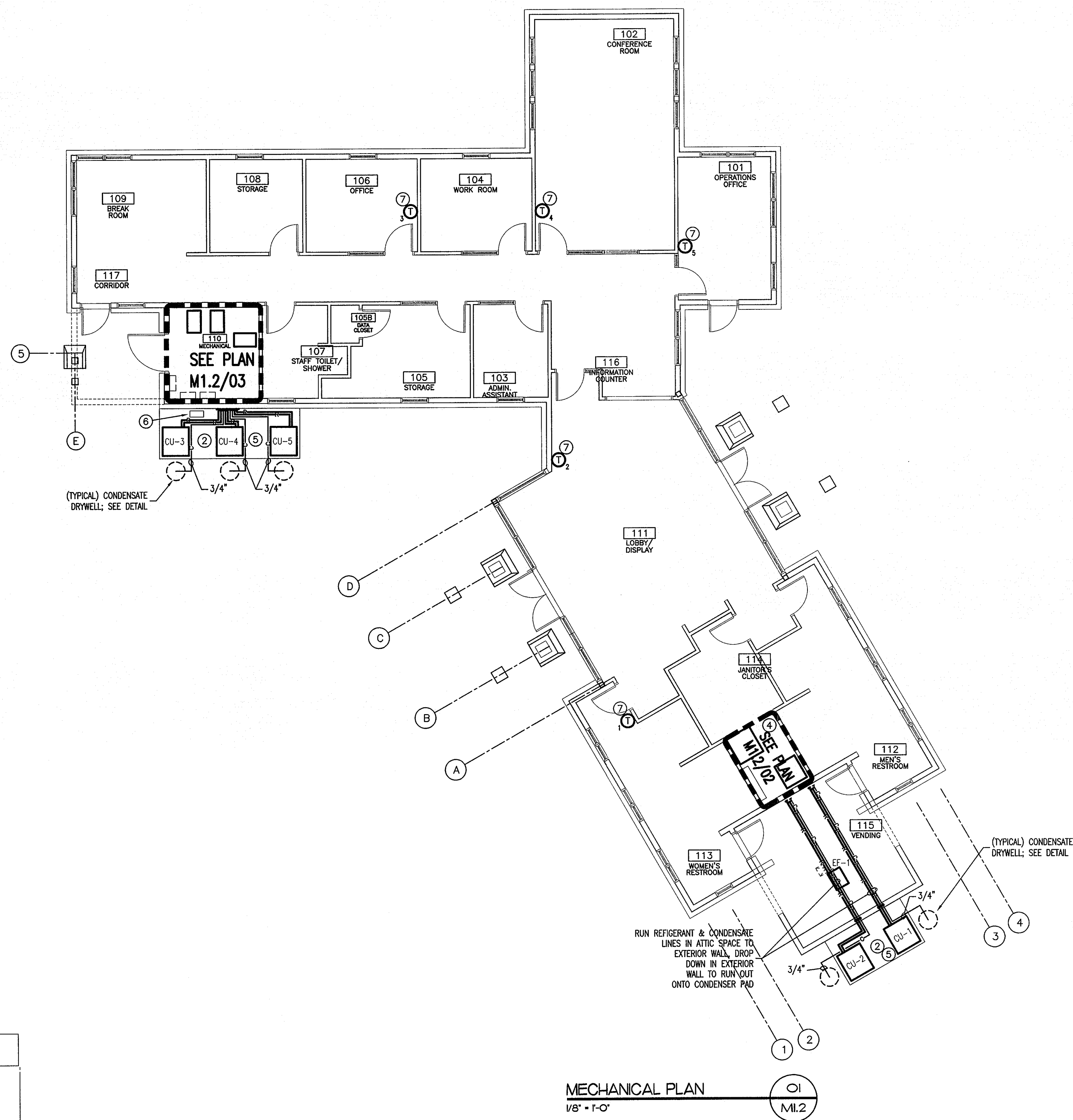
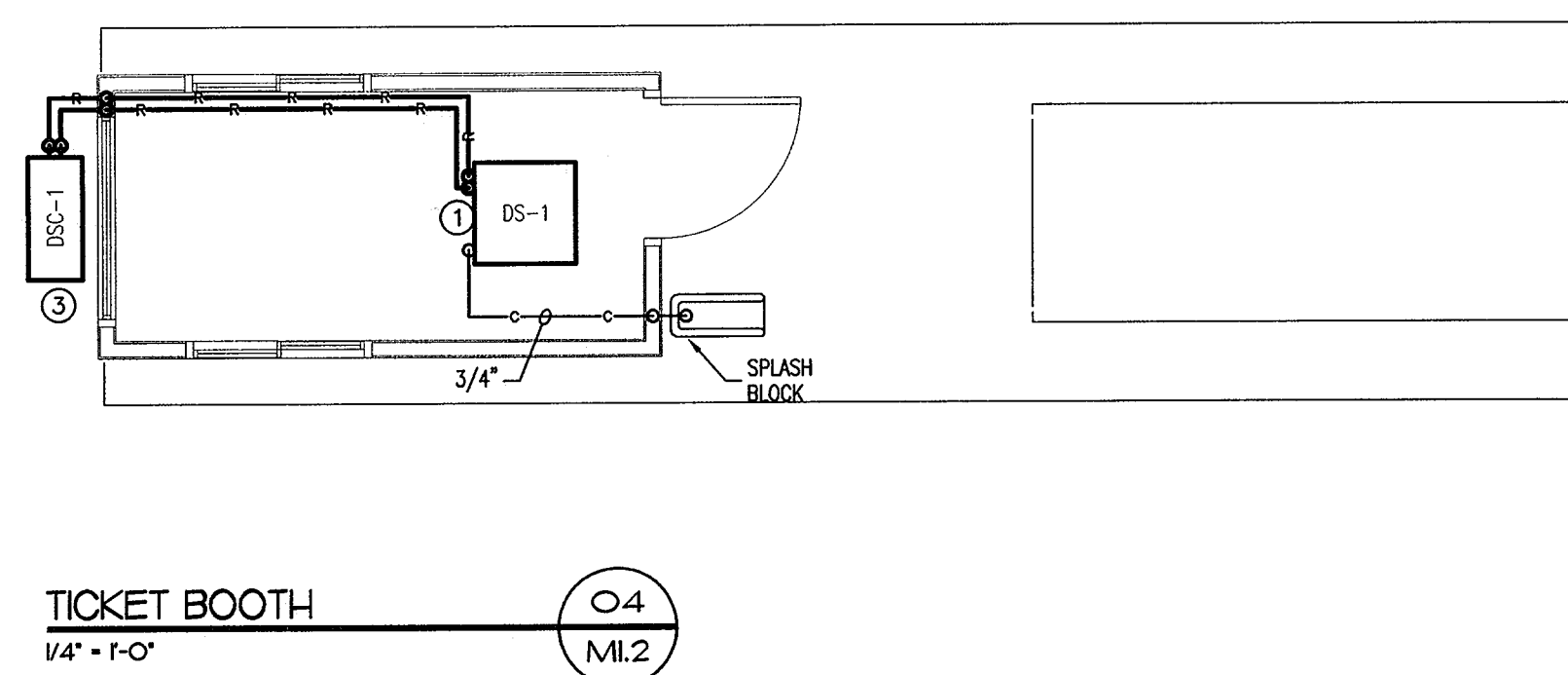
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NC DEPARTMENT OF
TRANSPORTATION
CURRITUCK WELCOME CENTER
TOWN OF CURRITUCK, NC

DRAWING TITLE
MECHANICAL
FLOOR PLAN

SCALE 1/8"=1'-0"	DRAWING NO.
DRAWN SLE	M.I.I.
CHECKED SWC	
DATE 6-26-2013	
PROJECT NO. 2013-04	

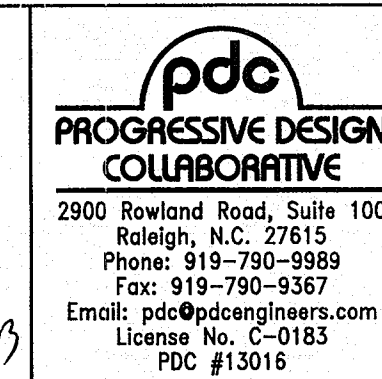
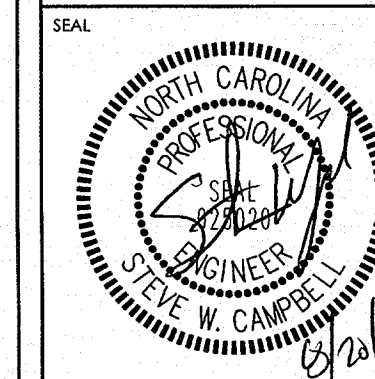
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NOTES:

- ① PROVIDE TILT GIANT MODEL #VCMA-15 CONDENSATE PUMP FOR EACH HEAT PUMP.
- ② REFERENCE DETAIL M3.1/04 FOR CONDENSER PAD CONSTRUCTION.
- ③ CANTILEVER UNIT FROM BUILDING USING GALVANIZED METAL SUPPORTS.
- ④ PROVIDE SECONDARY DRAIN PANS WITH FLOAT SWITCH AND TWO HANDLING PANS. SHUTTLE UNITS DOWN IF CONDENSATE COLLECTS. ROUTE SECONDARY CONDENSATE DRAIN TO MOP RECEPTOR.
- ⑤ CONDENSER PADS TO BE AT FINISHED FLOOR ELEVATION.
- ⑥ COORDINATE GAS METER LOCATION WITH PLUMBING CONTRACTOR TO PROVIDE REQUIRED CLEARANCES FOR ALL EQUIPMENT.
- ⑦ COORDINATE CEILING TYPES AND CLEARANCES WITH ALL DEVICES (TYPICAL ALL ROOMS).

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KEY PLAN

SCO ID #120956301; CODE 84210; ITEM 7826

NO	REVISION	DATE
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JKR
ARCHITECTURE

P.O. BOX 20662 GREENVILLE, NC 27858 PHONE 252-355-1061

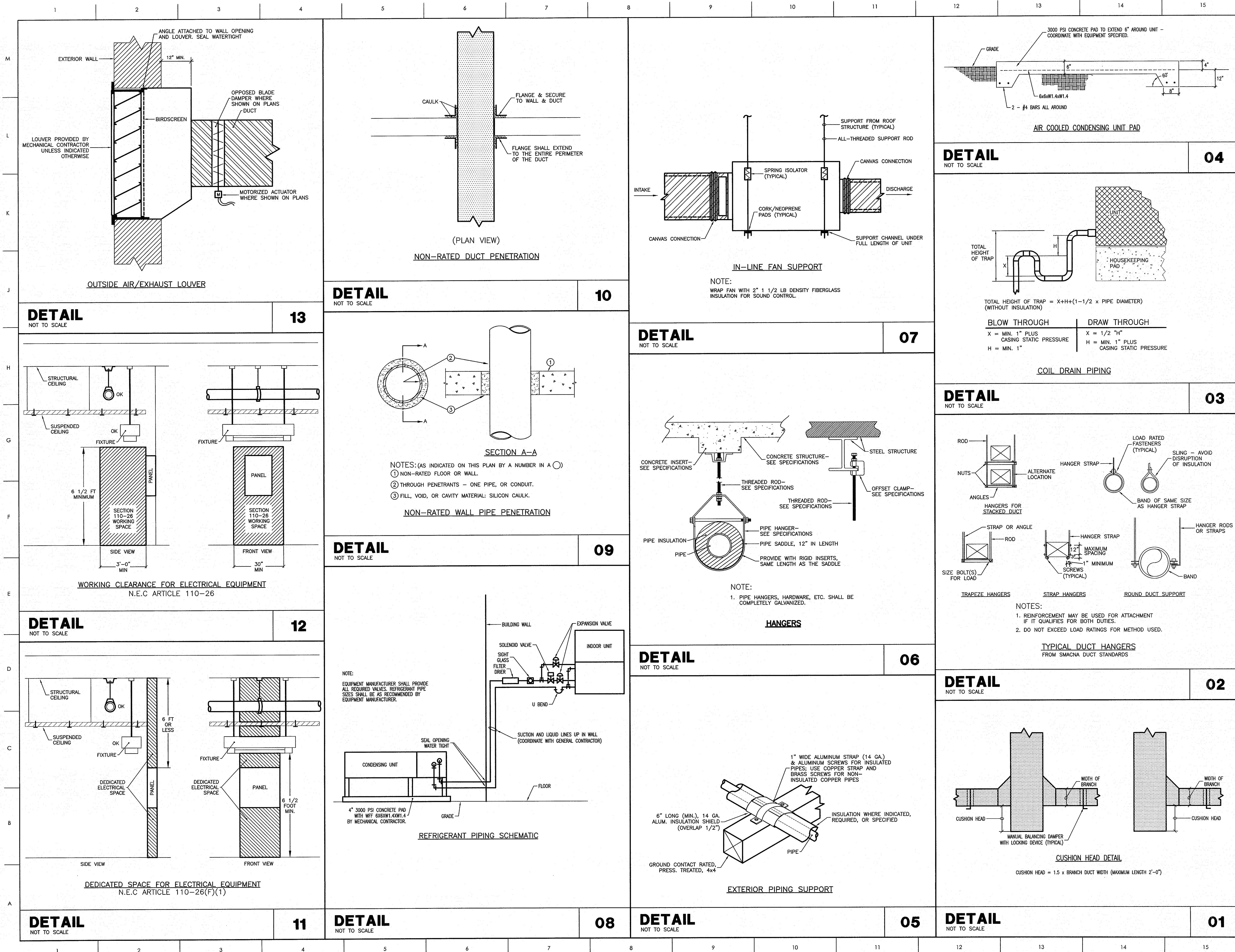
NC DEPARTMENT OF
TRANSPORTATION
CURRITUCK WELCOME CENTER
TOWN OF CURRITUCK, NC

DRAWING TITLE

MECHANICAL
FLOOR PLAN

SCALE	DRAWING NO MI.2
$1/8"=1'-0"$	
DRAWN	
SLE	
CHECKED	
SWC	
DATE	
6-26-2013	
PROJECT NO.	
2013-04	

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SEAL

PROGRESSIVE DESIGN COLLABORATIVE
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Email: pdc@pdcengineers.com
License No. C-0183
PDC #13016

KEY PLAN

SCO ID #120956301; CODE 84210; ITEM 7826

NO REVISION DATE

SEAL

J K F
ARCHITECTURE

P.O. BOX 20642 GREENVILLE, NC 27658 PHONE 252-355-1068

NC DEPARTMENT OF TRANSPORTATION
CURRITUCK WELCOME CENTER
TOWN OF CURRITUCK, NC

DRAWING TITLE
MECHANICAL DETAILS

SCALE
NOT TO SCALE
DRAWN
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SWC
DATE
6-26-2013
PROJECT NO.
2013-04

DRAWING NO
M3.1

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FIXTURE SCHEDULE

MARK	DESCRIPTION	MANUFACTURER & CATALOG #	MANUFACTURER & CATALOG #	MANUFACTURER & CATALOG #	LAMPS	VOLTAGE	WATTAGE	REMARKS
A	2'x4', 3 LAMP, DIRECT/INDIRECT, LAY-IN TROFFER	LITHONIA #2AVG332-MDR-MVOLT	DAYBRITE #2AVG332-PMW-UNV-1/21-EB	METALUX #2RDI-332-RP-TEB8	3-32W T8	120 VOLT	75W	①⑤⑥
B	8', LINEAR, 3 LAMP, FLUORESCENT DIRECT/INDIRECT PENDANT MOUNTED FIXTURE	DAYBRITE #ROSP2C332-8-120-48SCM2-DC	LITHONIA #PRM7332WHR-8FT-R12-120-GEB10	FINELITE #SB-P-8'-3TB-DC-91W-120-FA-FE	3-32W T8	120 VOLT	96W	②
C	4' CHAIN HUNG INDUSTRIAL FIXTURE	LITHONIA #AFP10232-MVOLT-1/2	DAYBRITE #1F232UNV-1/2	METALUX #DMN-232-UNV-EB81	2-32W T8	UNIVERSAL	59W	③⑦
D	4', LINEAR, 3 LAMP, FLUORESCENT DIRECT/INDIRECT PENDANT MOUNTED FIXTURE	DAYBRITE #ROSP2C332-4-120-48SCM2-DC	LITHONIA #PRM7332WHR-4FT-R12-120-GEB10-	FINELITE #SB-P-4'-3TB-DC-91W-120-FA-FE	3-32W T8	120 VOLT	96W	②
F1	DECORATIVE PENDANT	VISA #CP5264-CBL-6FHP32-3CH35R111-BSIL--WMA-FUSE-OAH9192)	LITHONIA EQUAL TO VISA	COOPER EQUAL TO VISA	6-32W T8 3-35W MH	UNIVERSAL	59W	③⑦
F2	4', WALL MOUNTED, INDIRECT/DIRECT FIXTURE	VISA #CB5610-2FS39(MVOLT)-TW9016-DIM(L)	LITHONIA EQUAL TO VISA	COOPER EQUAL TO VISA	2-32W T8	UNIVERSAL	59W	③⑦
C	4' CHAIN HUNG INDUSTRIAL FIXTURE	LITHONIA #AFP10232-MVOLT-1/2	DAYBRITE #1F232UNV-1/2	METALUX #DMN-232-UNV-EB81	2-32W T8	UNIVERSAL	59W	③⑦
H	DIMMABLE OPEN DOWNLIGHT, IC RATED	KIRLIN #FRR-07007-39-45	CAPRI #FD21C6H2632U-FD26H32DX1-FDS2632-RBH100CLR	LITHONIA #L16F 26/32TRT MVOLT ADEZ	32W PL	120 VOLT	32W	⑥
GE	EXTERIOR EMERGENCY LED SCONCE, WET LOCATION LISTED WITH EMERGENCY POWER FROM REMOTE INVERTER	VISA #OW2206-LEDBLU-P-LNW2000-30-MVOLT-BRNZ-RBH WITH REMOTE INVERTER	LITHONIA EQUAL TO VISA	COOPER EQUAL TO VISA	38W LED	MVOLT 120 VOLT	38W	③④
J	SHOWER LIGHT, WET LABEL LISTED	KIRLIN #FRR05032-76-LE	OMEGA #OM61H32PLT-DX1-SRD-SHWR-277	INFINITY #PVS168-132T-EB-GX24Q-3-277	32W TRT	120 VOLT	36W	⑥
K	2 FOOT, 2 LAMP WALL BRACKET WITH LENS	LITHONIA TO EQUAL DAYBRITE	VISA #CV1712-1FS24-GW9002-XPS	METALUX TO EQUAL DAYBRITE	2-21W T5	120 VOLT	42W	①⑤⑥
L	EXTERIOR SCONCE WITH 2-42W CFL	BROWNLEE #7700-6-BZ-242T-BBI	BROWNLEE	COOPER EQUAL TO BROWNLEE	2-21W T5	120 VOLT	42W	③④⑤
M	LED BOLLARD	GARDCO #BRMB32-42-MR-CW	LITHONIA EQUAL TO GARDCO	COOPER EQUAL TO GARDCO	LED	120 VOLT	59W	③④⑤
N	1x4 FLANGE TYPE PRISMATIC FIXTURE	LITHONIA EQUAL TO DAYBRITE	DAYBRITE 1SPF232RA19UNV-1/2EB10I	COOPER EQUAL TO DAYBRITE	2-32W T8	120 VOLT	59W	③④⑤
S	SINGLE HEAD POLE LIGHT WITH POLE	HADCO #CF18 T A-GF-2-N-G-200S-E-F HADCO POLE ARM #HFP310-P4-A-N-PM HADCO POLE #P4131-12-A-T-D	LITHONIA EQUAL TO HADCO	COOPER EQUAL TO HADCO	200W HPS	120 VOLT	200W	①⑤
W	LED COLUMN LIGHT	HADCO # RSC2-A-K5-D3-E	LITHONIA EQUAL TO HADCO	COOPER EQUAL TO HADCO	5-1W LED	120 VOLT	6W	①⑤
X1	EMERGENCY LED EXIT SIGN-1 FACE PROVIDE WITH SELF DIAGNOSTICS	LITHONIA #LES1R-ELN-SD	EXITRONIX #402D-WBNC-BL-AT	CHLORIDE #CXLN1RAAD	LED	120 VOLT	5W	④⑤
	EMERGENCY FLOOD LIGHT WALL PACK WITH BATTERY BACK-UP	LITHONIA #ELM4-SDNH-SSB-AM	MCPHILBIN #ET12N25W-PSWD-SD-ATD2	PRESCOLITE #EDS4-CVS	SEALED HALOGEN	120 VOLT		②
REMARKS: (AS INDICATED ON THIS SCHEDULE BY A NUMBER IN A ○) ① SEE SPECIFICATION SECTION 26 51 13, PARAGRAPH C-3, AND DETAIL E4.1-03 FOR INSTALLATION OF TROFFERS. ② EMERGENCY FIXTURES SHALL HAVE 90 MINUTE BATTERIES. ③ PROVIDE LUMINARE DISCONNECTING MEANS AS REQUIRED PER NEC 2005 410.73(G). ④ STANDARD COLORS/FINISHES TO BE SELECTED BY ARCHITECT. ⑤ COORDINATE MOUNTING HEIGHTS AND EXACT LOCATION WITH ARCHITECT. ⑥ PROVIDE S-HOOKS AND CHAINS TO MOUNT FIXTURE TO CEILING. ⑦ CHAIN HUNG AT +9'-6" ABOVE FINISHED FLOOR. FIXTURE HEIGHT MAY VARY AS NECESSARY TO AVOID CONFLICTS.								

SYMBOL LEGEND

SYMBOL	DESCRIPTION	REMARKS
	FLUORESCENT LIGHT FIXTURE - LETTER DESIGNATES TYPE	SEE FIXTURE SCHEDULE
	FLUORESCENT LIGHT FIXTURE - LETTER DESIGNATES TYPE	SEE FIXTURE SCHEDULE
	EXIT LIGHT - ARROW INDICATES DIRECTION AND SHADING INDICATES ILLUMINATED FACE.	SEE FIXTURE SCHEDULE
	EMERGENCY FLOOD LIGHT WALL PACK	SEE FIXTURE SCHEDULE
	SINGLE POLE TOGGLE SWITCH - ADA ABOVE FINISHED FLOOR TO BOTTOM OF OUTLET, UNLESS OTHERWISE NOTED.	HUBBELL 1221-I WITH 97071 COVER LEVITON CSB1-15T WITH 84001 COVER, P&S CS120ACC WITH SHI COVER
	DOUBLE SWITCHING - SWITCH A SHALL CONTROL THE OUTER LAMPS OF ALL FIXTURES. SWITCH B SHALL CONTROL THE INNER LAMP(S) OF ALL FIXTURES. MOUNT BOTH SWITCHES ADA AFF TO BOTTOM OF OUTLET.	SEE ABOVE
	3-WAY TOGGLE SWITCH - INSTALL ADA ABOVE FINISHED FLOOR TO BOTTOM OF OUTLET	HUBBELL 1223-I WITH 97071 COVER LEVITON CS320-2T WITH 84001 COVER P&S CS320LACC WITH SHI COVER
	KEYED TOGGLE SWITCH - INSTALL ADA ABOVE FINISHED FLOOR TO BOTTOM OF OUTLET	HUBBELL 5362-I LEVITON 5362IGI PASS & SEYMOUR 20951
	DUPLEX GROUNDING TYPE RECEPTACLE - AT +16" ABOVE FINISH FLOOR TO BOTTOM OF OUTLET, UNLESS OTHERWISE NOTED.	HUBBELL 1223-I WITH 97071 COVER LEVITON CS320-2T WITH 84001 COVER P&S CS320LACC WITH SHI COVER
	WEATHERPROOF DUPLEX GROUNDING TYPE RECEPTACLE - AT +16" ABOVE GRADE TO BOTTOM OF OUTLET BOX, UNLESS OTHERWISE NOTED.	HUBBELL 5362-I LEVITON 5362IGI PASS & SEYMOUR 3760 WITH SH1 COVER
	DATA OUTLET - MOUNTED AT ADA ABOVE FINISHED FLOOR TO BOTTOM OF OUTLET, UNLESS OTHERWISE NOTED. STUB 3/4" CONDUIT OUT ABOVE THE NEAREST LAY-IN CEILING. INSTALL PULLCORDS.	DOUBLE GANG OUTLET BOX WITH HUBBELL SS COVER
	DISCONNECT SWITCH - HEAVY DUTY	SEE SPECIFICATIONS
	TELEPHONE PANEL - 3/4"x4"x8" FIRE RETARDANT PLYWOOD	SEE SPECIFICATIONS
	WIRING AND CONDUIT INSTALLED CONCEALED IN WALL SPACE, UNDER FLOOR SLAB, OR ABOVE FINISHED CEILING.	SEE SPECIFICATIONS
	UNSWITCHED WIRING AND CONDUIT LEG ON LIGHTING PLANS. UNDER FLOOR WIRING AND CONDUIT ON POWER PLANS. UNDER GROUND WIRING AND CONDUIT ON SITE PLANS.	SEE SPECIFICATIONS
	HOMERUN CIRCUIT PANELBOARD - NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS.	SEE SPECIFICATIONS
	MOTOR RATED TOGGLE SWITCH WITH JUNCTION BOX	SEE WIRING DIAGRAM DETAIL E4.1-02
	EXISTING LIGHT TO REMAIN UNLESS OTHERWISE NOTED	SEE WIRING DIAGRAM DETAIL E4.1-02
	EXISTING EXTERIOR FLOOD LIGHT TO REMAIN	SEE WIRING DIAGRAM DETAIL E4.1-05
	EXISTING LIGHT TO REMAIN UNLESS OTHERWISE NOTED	SEE WIRING DIAGRAM DETAIL E4.1-05
	EXISTING EMERGENCY WALL PACK TO REMAIN	COMPATIBLE WITH EXISTING NOTIFIER FACP
	EXISTING LIGHT SWITCH TO REMAIN	COMPATIBLE WITH EXISTING NOTIFIER FACP
	EXISTING EXIT LIGHT TO REMAIN	COMPATIBLE WITH EXISTING NOTIFIER FACP
	CORNER MOUNTED DUAL TECH OCCUPANCY SENSOR WITH ISOLATED RELAY AND WIDE ANGLE LENS. MOUNT ON SAME WALL AS CORRIDOR WITH TIME DELAY OF NO LESS THAN 15 MINUTES.	COMPATIBLE WITH EXISTING NOTIFIER FACP
	CEILING MOUNTED DUAL TECH OCCUPANCY SENSOR WITH 1000 SQ. FT., 360° COVERAGE. IN GANG TOILETS, MOUNT CENTRAL TO THE STALL AREA WITH RECEIVER AIMED TOWARD THE ENTRANCE. TIME DELAYS OF NO LESS THAN 15 MINUTES.	COMPATIBLE WITH EXISTING NOTIFIER FACP
	DUAL TECH WALL SWITCH SENSOR WITH 35 FT, 180° COVERAGE TIME DELAY OF NO LESS THAN 15 MINUTES.	COMPATIBLE WITH EXISTING NOTIFIER FACP
	JUNCTION BOX WITH REMOVABLE COVER - SIZE PER NATIONAL ELECTRIC CODE.	COMPATIBLE WITH EXISTING NOTIFIER FACP
	PUSH PAD FOR AUTOMATIC DOOR - COORDINATE WITH DOOR PROVIDER ELECTRICAL CONTRACTOR SHALL PROVIDE ALL 3/4" CONDUIT, WIRING AND MAKE FINAL CONNECTIONS AS REQUIRED.	COMPATIBLE WITH EXISTING NOTIFIER FACP
	EXISTING DUPLEX RECEPTACLE TO REMAIN	COMPATIBLE WITH EXISTING NOTIFIER FACP
	EXISTING NOTIFIER FIRE ALARM CONTROL PANEL	COMPATIBLE WITH EXISTING NOTIFIER FACP
	MANUAL FIRE ALARM PUSH/PULL STATION - INSTALL AS DIRECTED BY THE LOCAL AUTHORITY. PROVIDE STOPPER II LEXAN COVERS FOR ALL PULL STATIONS.	COMPATIBLE WITH EXISTING NOTIFIER FACP
	FIRE ALARM SIGNAL - HORN WITH VISUAL ALARM WALL MOUNTED AS DIRECTED BY LOCAL AUTHORITY.	COMPATIBLE WITH EXISTING NOTIFIER FACP
	EXTERIOR FIRE ALARM SIGNAL - HORN WITH VISUAL ALARM WALL MOUNTED AS DIRECTED BY LOCAL AUTHORITY. "WP" INDICATES WEATHER PROOF.	COMPATIBLE WITH EXISTING NOTIFIER FACP
	FIRE ALARM STROBE UNIT. MOUNT AS DIRECTED BY LOCAL AUTHORITY HAVING JURISDICTION	COMPATIBLE WITH EXISTING NOTIFIER FACP
	ADDRESSIBLE PHOTOELECTRIC TYPE SMOKE DETECTOR	COMPATIBLE WITH EXISTING NOTIFIER FACP
	HEAT DETECTOR - RATE OF RISE & FIXED TEMP (135°F)	COMPATIBLE WITH EXISTING NOTIFIER FACP
	PHOTOELECTRIC DUCT DETECTOR WITH SAMPLING TUBE, PROVIDED BY ELECTRICAL CONTRACTOR. INSTALLED BY MECHANICAL CONTRACTOR, AND WIRED BY THE ELECTRICAL CONTRACTOR	COMPATIBLE WITH EXISTING NOTIFIER FACP
	REMOTE ALARM INDICATOR WITH LED AND KEYED TEST SWITCH.	COMPATIBLE WITH EXISTING NOTIFIER FACP
	FIRE ALARM RELAY FOR SHUTTING DOWN AHU	COMPATIBLE WITH EXISTING NOTIFIER FACP
	FIRE ALARM SYSTEM REMOTE ALARM CONTROL PANEL	COMPATIBLE WITH EXISTING NOTIFIER FACP
	CEILING MOUNTED FIRE ALARM STROBE UNIT	COMPATIBLE WITH EXISTING NOTIFIER FACP
	1 HOUR FIRE WALL	
	2 HOUR FIRE WALL	
	SMOKE PARTITION WALL	
	1 HOUR FIRE/SMOKE PARTITION WALL	
	2 HOUR FIRE/SMOKE PARTITION WALL	

GENERAL NOTES

- THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR FLOOR PLAN DIMENSIONS. DO NOT SCALE THESE DRAWINGS.
- THE ELECTRICAL CONTRACTOR SHALL COORDINATE ANY AND ALL WORK WITH OTHER TRADES INVOLVED IN THE PROJECT, PRIOR TO INSTALLATION OF HIS EQUIPMENT, SO TO AVOID CONFLICTS DURING CONSTRUCTION AND TO ALLOW FOR OPTIMUM MAINTENANCE AND WORKING SPACE.
- ALL LIGHT FIXTURES SHALL BE SUPPORTED INDEPENDENTLY OF THE SUSPENDED CEILING SYSTEM. REFER TO THE SPECIFICATIONS FOR MORE DETAILED INFORMATION.
- USE OF THE CONDUIT SYSTEM FOR EQUIPMENT GROUNDING SHALL NOT BE ACCEPTABLE. A SEPARATE GREEN GROUND WIRE SHALL BE RUN WITH THE CIRCUIT CONDUCTORS IN EACH CONDUIT.
- IN ALL AREAS WHERE FIRE RATED WALL, FLOOR, OR CEILINGS ARE INSTALLED, ALL PENETRATIONS OF ELECTRICAL CONDUITS OR OTHER RELATED ELECTRICAL MATERIAL SHALL BE PROPERLY SEALED WITH APPROVED FIRE RATED MATERIALS TO MAINTAIN THE RATINGS OF THE BUILDING CONSTRUCTION.
- ALL FUSES, DISCONNECT SWITCHES AND BREAKER SIZES, SHOWN FOR MECHANICAL EQUIPMENT, SHALL BE VERIFIED WITH THE EQUIPMENT SUPPLIER AND THE MECHANICAL CONTRACTOR BEFORE THE PURCHASE OR INSTALLATION OF SAID EQUIPMENT.
- ALL WORK AND MATERIAL SHALL BE PROVIDED IN ACCORDANCE WITH THE STATE, LOCAL AND NATIONAL CODES AND ORDINANCES.
- THE ELECTRICAL CONTRACTOR SHALL VERIFY ALL CEILING TYPES AND FINISHES BEFORE PURCHASE OF ANY LIGHT FIXTURES SO THAT THE PROPER TRIM WILL BE PROVIDED FOR THE CEILING TO BE INSTALLED. ANY DIFFERENCES SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
- EACH CONTRACTOR SHALL PROVIDE HIS OWN SUPPORT OF ALL DEVICES AND EQUIPMENT PROVIDED BY HIM AND SHALL SUPPORT SUCH EQUIPMENT PER APPROVED GOVERNING CODES OR PER APPROVAL REQUEST OF THE ENGINEER. UNACCEPTABLE WORKMANSHIP OR MATERIALS SHALL BE REPLACED AT THE REQUEST OF THE ENGINEER AT THE CONTRACTORS EXPENSE.
- ALL CONDUITS (WITH OR WITHOUT WIRES) SHALL BE COLOR CODED WITH 1/2" WIDE PAINT OR TAPE, 10' ON CENTER, USE COLORS AS IDENTIFIED IN SPECIFICATION 26 01 01.
- THE MOUNTING HEIGHTS AND LOCATIONS OF ALL WALL MOUNTED OUTLETS AND JUNCTION BOXES SHALL BE REVIEWED AND COORDINATED WITH THE ARCHITECT, PRIOR TO INSTALLATION FOR USE WITH THE ACTUAL EQUIPMENT, CASEWORK AND MILLWORK TO BE FURNISHED.
- ALL WIRE AND CONDUIT SIZES ARE BASED ON 75°C COPPER WIRE UNLESS OTHERWISE NOTED.
- ALL BRANCH BREAKERS SERVING EMERGENCY LIGHTS SHALL BE PROVIDED WITH COVERS TO PREVENT TURNING BREAKER OFF ACCIDENTALLY. ALL EMERGENCY LIGHTS SHALL BE UNSWITCHED AND CONNECTED AHEAD OF CONTACTORS.
- THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL REQUIRED SWITCHES, RECEPTACLES, CONDUIT, WIRING, PANELS, ETC. UNDER THE ELECTRICAL BID AND SHALL INCLUDE ALL NECESSARY CIRCUITS TO AND FINAL CONNECTIONS TO THE EQUIPMENT PROVIDED BY ALL SUPPLIERS, UNLESS NOTED OTHERWISE BY OTHER DISCIPLINES. COORDINATE CLOSELY.
- WHERE MULTIPLE SWITCHES ARE SHOWN IN THE SAME LOCATION (EXCEPT CLASSROOM) THEY SHALL BE GANGED TOGETHER IN ONE MULTIPLE GANG BOX WITH MATCHING COVER. THE ELECTRICAL CONTRACTOR SHALL LOOK AT BOTH POWER AND LIGHTING PLAN TO DETERMINE WHICH BOX IS APPLICABLE. ADDITIONALLY, REVIEW THE MECHANICAL PLANS FOR COORDINATING EXHAUST FAN SWITCHES WITH LIGHT SWITCHES. PROVIDE ANY NECESSARY BOX PARTITIONS.
- THE LOCATION OF ALL WALL MOUNTED DEVICES, INCLUDING MOUNTING HEIGHTS, SHALL BE FIELD VERIFIED WITH THE ENGINEER PRIOR TO INSTALLATION.
- WHERE ELECTRICAL EQUIPMENT PENETRATES EXTERIOR WALLS, THEY SHALL BE PROPERLY SEALED WITH METHODS APPROVED BY THE ENGINEER. SUBMIT DETAIL OF PROPOSED SEALING METHODS.
- ALL ROOF PENETRATIONS SHALL BE COORDINATED WITH THE OTHER CONTRACTORS. WATERPROOFING OF THE ROOF PENETRATION SHALL BE THE RESPONSIBILITY OF EACH CONTRACTOR.
- WIRE SIZE TO ALL EXIT/EMERGENCY LIGHTING SHALL BE #10 AWG.
- APPROVED 3RD PARTY BOXES RATED FOR THE WALLS IN WHICH THEY ARE INSTALLED SHALL BE USED. FIRE-SEALING SUCH INSTALLATIONS SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
- THERE SHALL BE NO HORIZONTAL RUNS OF CONDUIT WITHIN CMU WALLS LONGER THAN 6'. IF A LONGER RUN IS REQUIRED, RUN CONDUIT ABOVE CEILING OR BELOW SLAB AND THEN VERTICALLY UP OR DOWN WITHIN CMU WALL.
- ALL RECEPTACLE AND SWITCH COVER PLATES SHALL BE STAINLESS STEEL.
- OUTLET BOXES ON OPPOSITE SIDES OF THE FIRE RESISTANT WALL OR SHAFT ENCLOSURE RATED TWO HOURS OR LESS SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF NOT LESS THAN 24" AS REQUIRED BY NCSBC VOL. 1, PARAGRAPH 705.4.3.

ELECTRICAL SYSTEM AND EQUIPMENT

METHOD OF COMPLIANCE:

ENERGY CODE: PREScriptive ☒ PERFORMANCE_____

ASHRAE 90.1: PREScriptive ☒ PERFORMANCE_____

LIGHTING SCHEDULE

Lamp type required in fixture - See Fixture Schedule.

Number of lamps in fixture - See Fixture Schedule.

Ballast type used in the fixture - See Specifications.

Number of ballasts in fixture - See Specifications.

Total wattage per fixture - Varies - See Fixture Schedule

Total interior wattage specified versus allowed: 4030 watts versus 4087 watts (SPACE BY SPACE)

Total exterior wattage specified versus allowed: 1400 watts versus 1617 watts

ADDITIONAL PREScriptive COMPLIANCE

☒ 506.2.1 More Efficient Mechanical Equipment

☐ 506.2.2 Reduced Lighting Power Density

☐ 506.2.3 Energy Recovery Ventilation Systems

☐ 506.2.4 Higher Efficiency Service Water Heating

☐ 506.2.5 On-Site Supply of Renewable Energy

☐ 506.2.6 Automatic Daylighting Control Systems

DESIGNER STATEMENT:

To the best of my knowledge and belief, the design of this building complies with the electrical system and equipment requirements of the 2012 North Carolina State Building Code, Energy Conservation Code.

NORTH CAROLINA

SCOTT T. BOSIGER

REGISTERED PROFESSIONAL ENGINEER

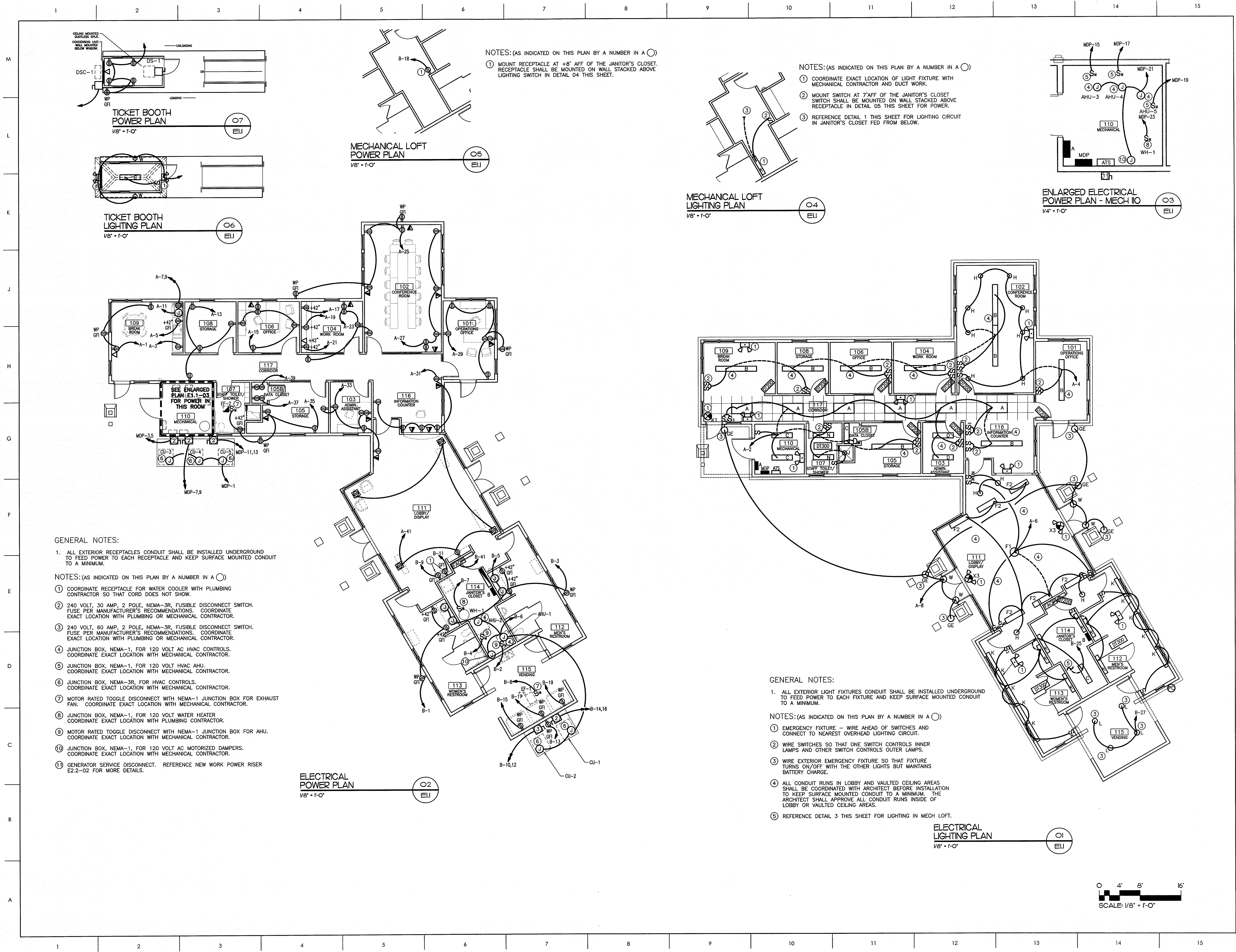
NO. 17336

EXPIRATION DATE 12/31/2024

NOTARY PUBLIC

NAME: Scott T. Bosiger, P.E.

ENERGY REQUIREMENTS



- GENERAL NOTES:
- ALL EXTERIOR RECEPTACLES CONDUIT SHALL BE INSTALLED UNDERGROUND TO FEED POWER TO EACH RECEPTACLE AND KEEP SURFACE MOUNTED CONDUIT TO A MINIMUM.
- NOTES: (AS INDICATED ON THIS PLAN BY A NUMBER IN A ○)
- COORDINATE RECEPTACLE FOR WATER COOLER WITH PLUMBING CONTRACTOR SO THAT CORD DOES NOT SHOW.
 - 240 VOLT, 30 AMP, 2 POLE, NEMA-3R, FUSIBLE DISCONNECT SWITCH. FUSE PER MANUFACTURER'S RECOMMENDATIONS. COORDINATE EXACT LOCATION WITH PLUMBING OR MECHANICAL CONTRACTOR.
 - 240 VOLT, 60 AMP, 2 POLE, NEMA-3R, FUSIBLE DISCONNECT SWITCH. FUSE PER MANUFACTURER'S RECOMMENDATIONS. COORDINATE EXACT LOCATION WITH PLUMBING OR MECHANICAL CONTRACTOR.
 - JUNCTION BOX, NEMA-1, FOR 120 VOLT AC HVAC CONTROLS. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR.
 - JUNCTION BOX, NEMA-1, FOR 120 VOLT HVAC AHU. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR.
 - JUNCTION BOX, NEMA-3R, FOR HVAC CONTROLS. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR.
 - MOTOR RATED TOGGLE DISCONNECT WITH NEMA-1 JUNCTION BOX FOR EXHAUST FAN. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR.
 - JUNCTION BOX, NEMA-1, FOR 120 VOLT WATER HEATER. COORDINATE EXACT LOCATION WITH PLUMBING CONTRACTOR.
 - MOTOR RATED TOGGLE DISCONNECT WITH NEMA-1 JUNCTION BOX FOR AHU. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR.
 - JUNCTION BOX, NEMA-1, FOR 120 VOLT AC MOTORIZED DAMPERS. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR.
 - GENERATOR SERVICE DISCONNECT. REFERENCE NEW WORK POWER RISER E2.2-02 FOR MORE DETAILS.

- GENERAL NOTES:
- ALL EXTERIOR LIGHT FIXTURES CONDUIT SHALL BE INSTALLED UNDERGROUND TO FEED POWER TO EACH FIXTURE AND KEEP SURFACE MOUNTED CONDUIT TO A MINIMUM.
- NOTES: (AS INDICATED ON THIS PLAN BY A NUMBER IN A ○)
- EMERGENCY FIXTURE - WIRE AHEAD OF SWITCHES AND CONNECT TO NEAREST OVERHEAD LIGHTING CIRCUIT.
 - WIRE SWITCHES SO THAT ONE SWITCH CONTROLS INNER LAMPS AND OTHER SWITCH CONTROLS OUTER LAMPS.
 - WIRE EXTERIOR EMERGENCY FIXTURE SO THAT FIXTURE TURNS ON/OFF WITH THE OTHER LIGHTS BUT MAINTAINS BATTERY CHARGE.
 - ALL CONDUIT RUNS IN LOBBY AND VAULTED CEILING AREAS SHALL BE COORDINATED WITH ARCHITECT BEFORE INSTALLATION TO KEEP SURFACE MOUNTED CONDUIT TO A MINIMUM. THE ARCHITECT SHALL APPROVE ALL CONDUIT RUNS INSIDE OF LOBBY OR VAULTED CEILING AREAS.
 - REFERENCE DETAIL 3 THIS SHEET FOR LIGHTING IN MECH LOFT.

CONSULTANT

SEAL

North Carolina Professional Engineer
Scott T. Borker
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SCO ID #120956301; CODE 84210; ITEM 7826

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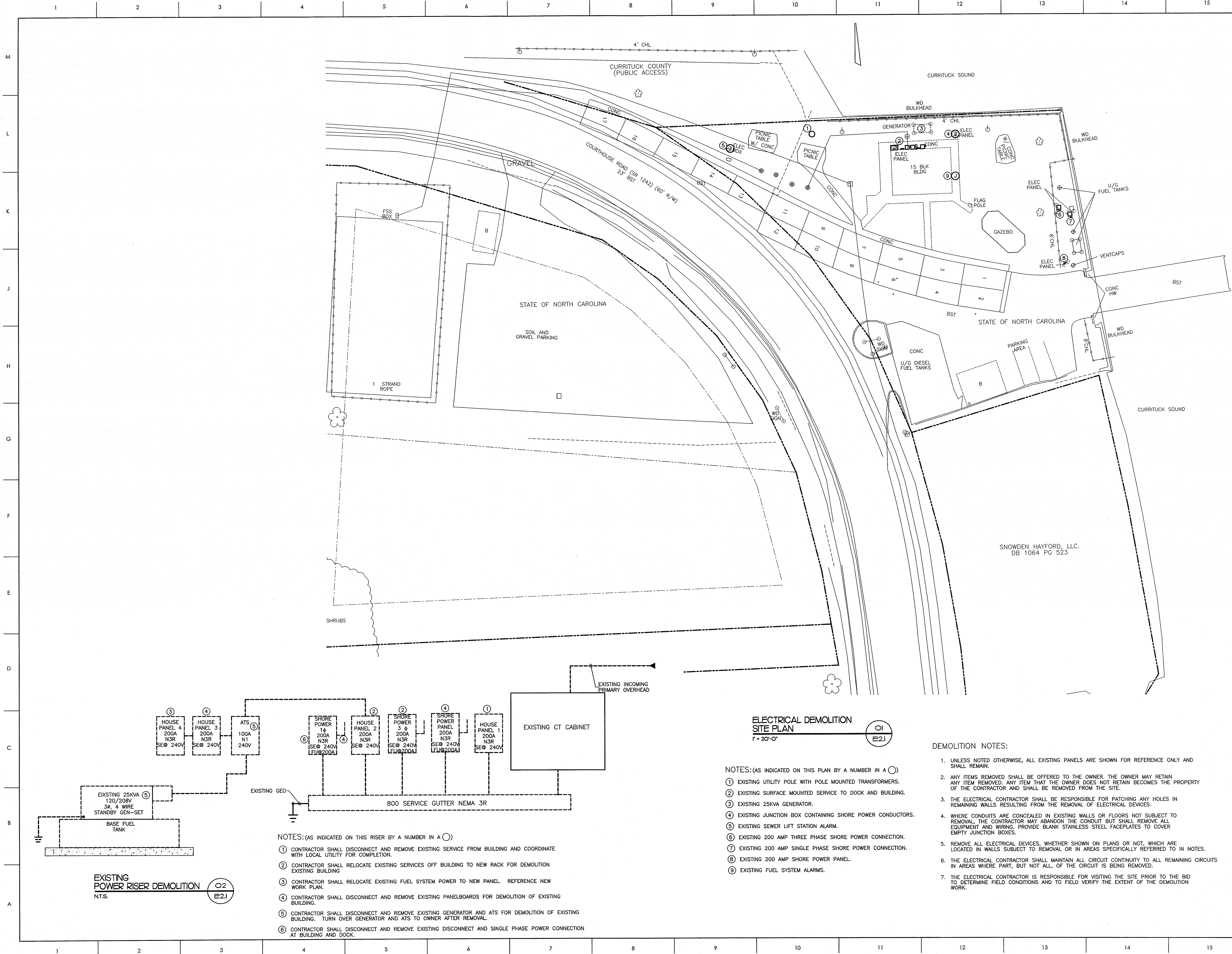
NC DEPARTMENT OF
TRANSPORTATION
CURRITUCK WELCOME CENTER
TOWN OF CURRITUCK, NC

DRAWING TITLE

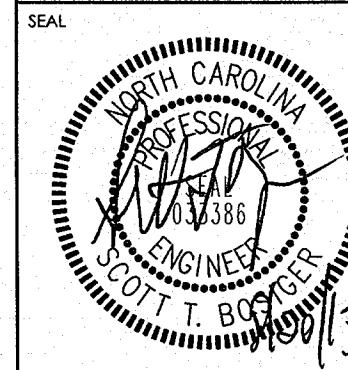
**LIGHTING PLAN
POWER PLAN**

SCALE	DRAWING NO.
1/8"=1'-0"	
DRAWN	STB
CHECKED	STB
DATE	6-26-2013
PROJECT NO.	2013-04

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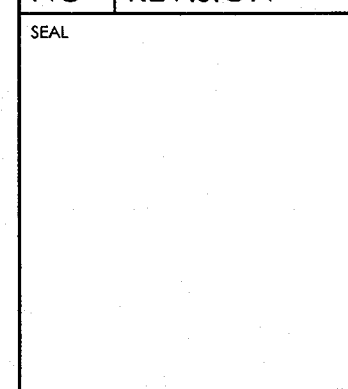


pdc
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PDC #13016

KEY PLAN

SCO ID #120956301; CODE 84210; ITEM 7826

NO REVISION DATE



JKF
ARCHITECTURE

P.O. BOX 20662 GREENVILLE, NC 27858 PHONE 252-355-1068
NC DEPARTMENT OF
TRANSPORTATION
CURRITUCK WELCOME CENTER
TOWN OF CURRITUCK, NC

DRAWING TITLE

ELECTRICAL DEMOLITION
SITE PLAN

SCALE

1"=20'-0"

DRAWN

STB

CHECKED

STB

DATE

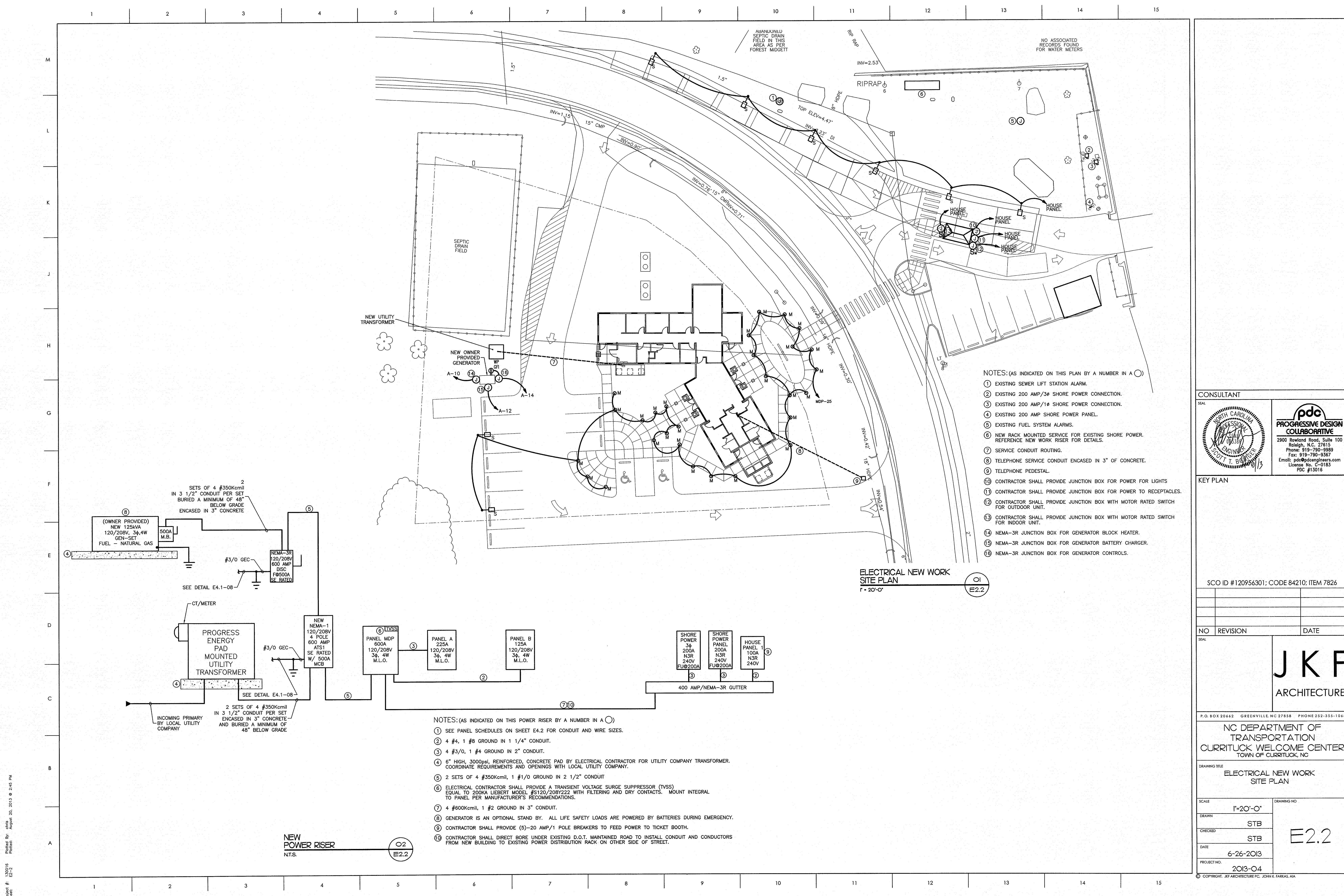
6-26-2013

PROJECT NO.

2013-04

E2.1

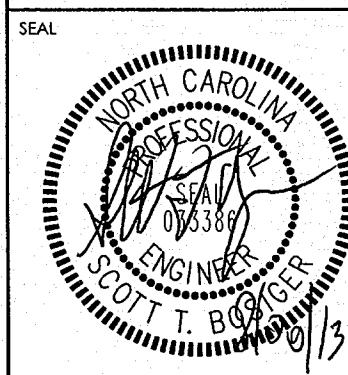
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- NOTES: (AS INDICATED ON THIS PLAN BY A NUMBER IN A ○)
- 1 EXISTING SEWER LIFT STATION ALARM.
 - 2 EXISTING 200 AMP/3Ø SHORE POWER CONNECTION.
 - 3 EXISTING 200 AMP/1Ø SHORE POWER CONNECTION.
 - 4 EXISTING 200 AMP SHORE POWER PANEL.
 - 5 EXISTING FUEL SYSTEM ALARMS.
 - 6 NEW RACK MOUNTED SERVICE FOR EXISTING SHORE POWER. REFERENCE NEW WORK RISER FOR DETAILS.
 - 7 SERVICE CONDUIT ROUTING.
 - 8 TELEPHONE SERVICE CONDUIT ENCASED IN 3" OF CONCRETE.
 - 9 TELEPHONE PEDESTAL.
 - 10 CONTRACTOR SHALL PROVIDE JUNCTION BOX FOR POWER FOR LIGHTS
 - 11 CONTRACTOR SHALL PROVIDE JUNCTION BOX FOR POWER TO RECEPTACLES.
 - 12 CONTRACTOR SHALL PROVIDE JUNCTION BOX WITH MOTOR RATED SWITCH FOR OUTDOOR UNIT.
 - 13 CONTRACTOR SHALL PROVIDE JUNCTION BOX WITH MOTOR RATED SWITCH FOR INDOOR UNIT.
 - 14 NEMA-3R JUNCTION BOX FOR GENERATOR BLOCK HEATER.
 - 15 NEMA-3R JUNCTION BOX FOR GENERATOR BATTERY CHARGER.
 - 16 NEMA-3R JUNCTION BOX FOR GENERATOR CONTROLS.

- NOTES: (AS INDICATED ON THIS POWER RISER BY A NUMBER IN A ○)
- 1 SEE PANEL SCHEDULES ON SHEET E4.2 FOR CONDUIT AND WIRE SIZES.
 - 2 4 #4, 1 #8 GROUND IN 1 1/4" CONDUIT.
 - 3 4 #3/0, 1 #4 GROUND IN 2" CONDUIT.
 - 4 6" HIGH, 3000psi, REINFORCED, CONCRETE PAD BY ELECTRICAL CONTRACTOR FOR UTILITY COMPANY TRANSFORMER. COORDINATE REQUIREMENTS AND OPENINGS WITH LOCAL UTILITY COMPANY.
 - 5 2 SETS OF 4 #350Kcmil, 1 #1/0 GROUND IN 2 1/2" CONDUIT
 - 6 ELECTRICAL CONTRACTOR SHALL PROVIDE A TRANSIENT VOLTAGE SURGE SUPPRESSOR (TVSS) EQUAL TO 200KA LIEBERT MODEL #S120/208Y222 WITH FILTERING AND DRY CONTACTS. MOUNT INTEGRAL TO PANEL PER MANUFACTURER'S RECOMMENDATIONS.
 - 7 4 #600Kcmil, 1 #2 GROUND IN 3" CONDUIT.
 - 8 GENERATOR IS AN OPTIONAL STAND BY. ALL LIFE SAFETY LOADS ARE POWERED BY BATTERIES DURING EMERGENCY.
 - 9 CONTRACTOR SHALL PROVIDE (5)-20 AMP/1 POLE BREAKERS TO FEED POWER TO TICKET BOOTH.
 - 10 CONTRACTOR SHALL DIRECT BORE UNDER EXISTING D.O.T. MAINTAINED ROAD TO INSTALL CONDUIT AND CONDUCTORS FROM NEW BUILDING TO EXISTING POWER DISTRIBUTION RACK ON OTHER SIDE OF STREET.

CONSULTANT



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COLLABORATIVE
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PDC #13016

KEY PLAN

SCO ID #120956301; CODE 84210; ITEM 7826		
NO	REVISION	DATE

J K F
ARCHITECTURE

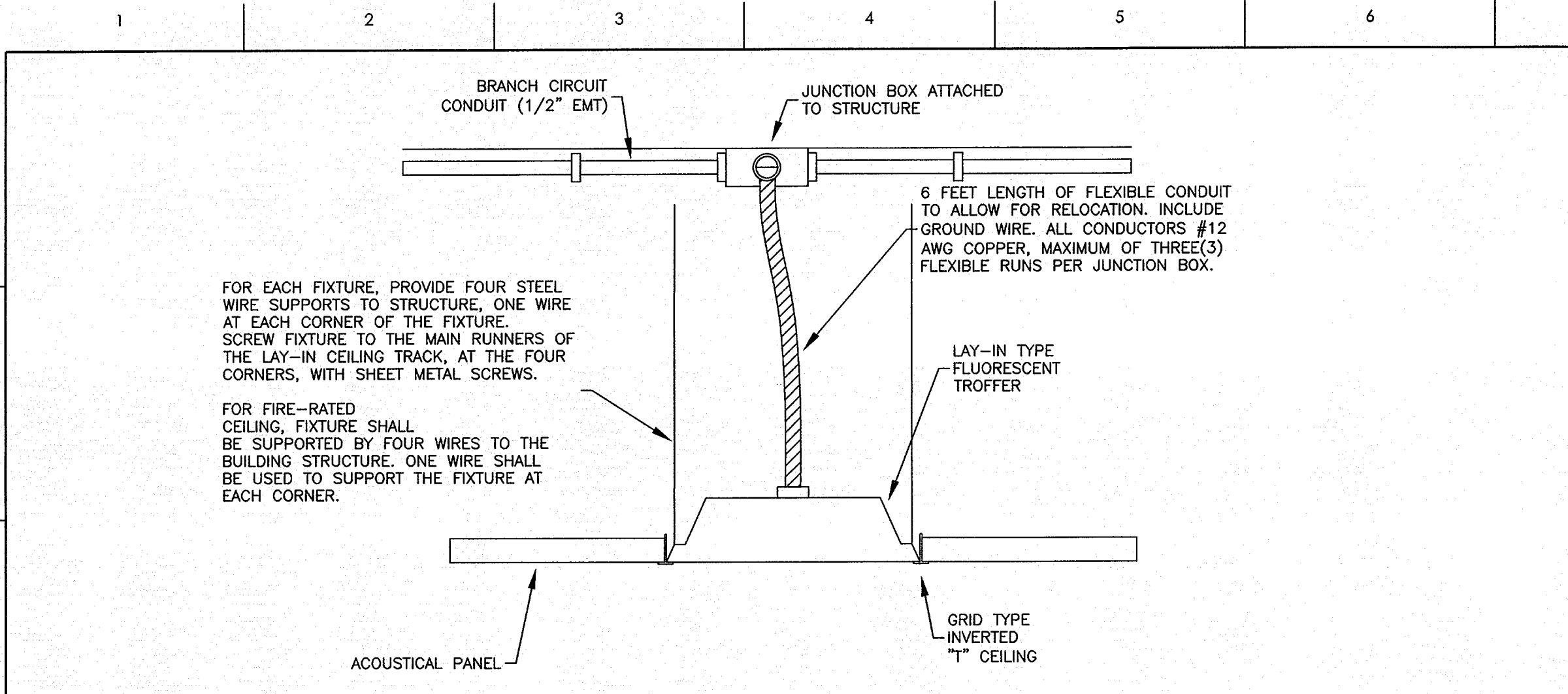
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NC DEPARTMENT OF
TRANSPORTATION
CURRITUCK WELCOME CENTER
TOWN OF CURRITUCK, NC

DRAWING TITLE
**ELECTRICAL NEW WORK
SITE PLAN**

SCALE	1"=20'-0"
DRAWN	STB
CHECKED	STB
DATE	6-26-2013
PROJECT NO.	2013-04

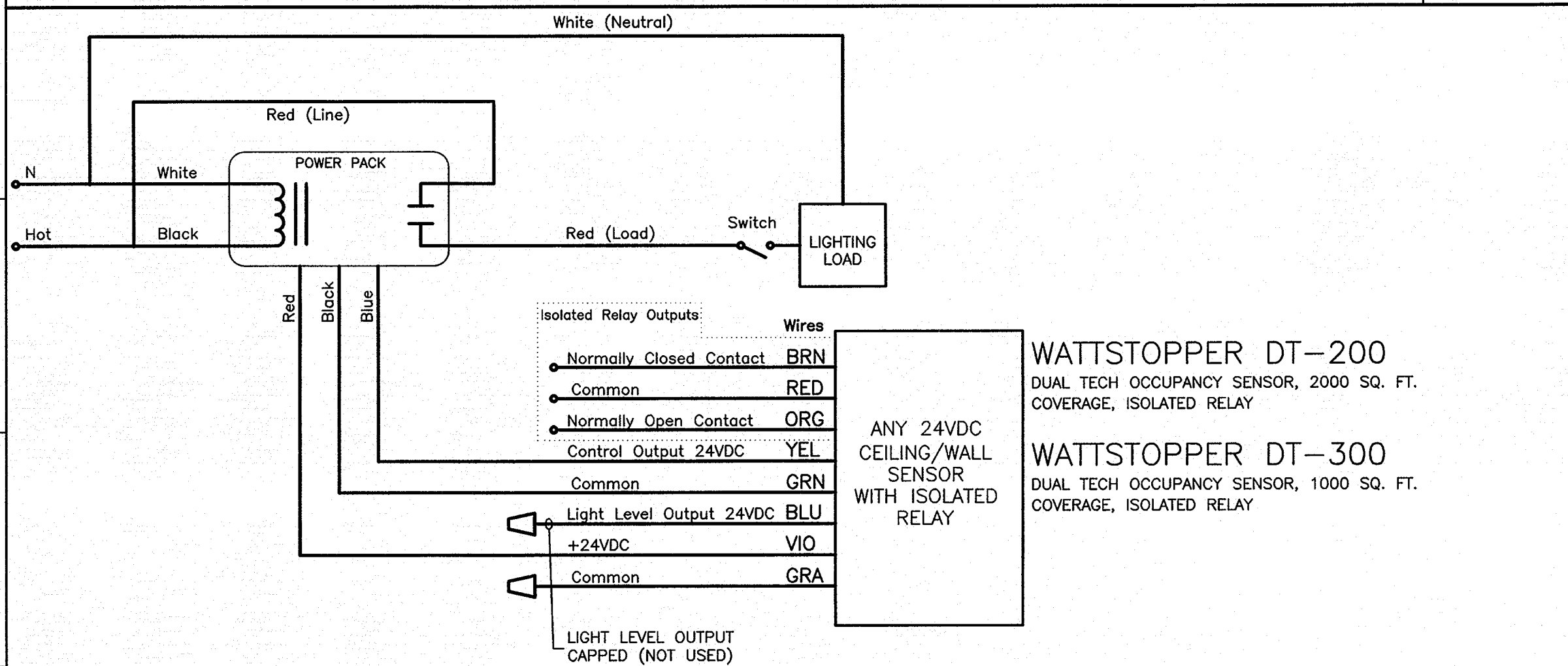
DRAWING NO
E2.2



DETAIL
NOT TO SCALE

LAY-IN FIXTURE MOUNTING DETAIL

03



OCCUPANCY SENSOR WITH ISOLATED RELAY WIRING DIAGRAM
(EQUALS: HUBBELL, SENSOR SWITCH)

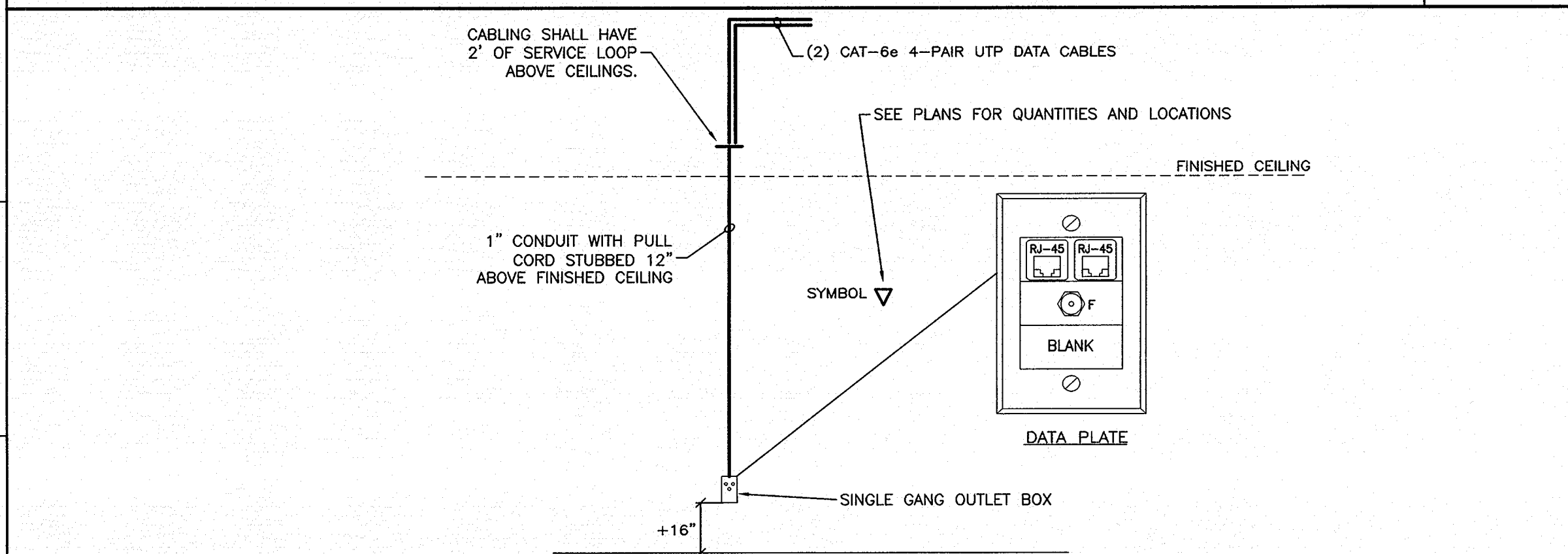
GENERAL NOTES:

1. ALL SENSOR LOCATIONS ARE APPROXIMATE. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS PRIOR TO INSTALLATION.
2. ULTRASONIC CEILING MOUNTED SENSORS REQUIRE THEY BE LOCATED NO CLOSER THAN 6'-0" FROM SUPPLY/RETURN GRILLES.
3. CONTRACTOR IS RESPONSIBLE FOR PROPER SENSITIVITY AND TIME DELAY SETTINGS. VERIFICATION OF MANUFACTURER'S RECOMMENDED PLACEMENT AND FIELD VERIFICATION OF CIRCUITS WITH RESPECT TO POWER PACK PLACEMENT.
4. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF REQUIRED NUMBER OF POWER PACKS.
5. ONE POWER PACK IS REQUIRED FOR EACH CIRCUIT THAT IS TO BE CONTROLLED.
6. MAXIMUM NUMBER OF SENSORS THAT CAN BE WIRED IN PARALLEL TO A SINGLE POWER PACK IS DEPENDENT ON SENSOR MODEL. (SEE INDIVIDUAL DATA SHEETS FOR mA CONSUMPTION.)
7. REFER TO SPECIFICATION 26 09 23.

DETAIL
NOT TO SCALE

OCC. SENSOR WIRING DIAGRAM

02



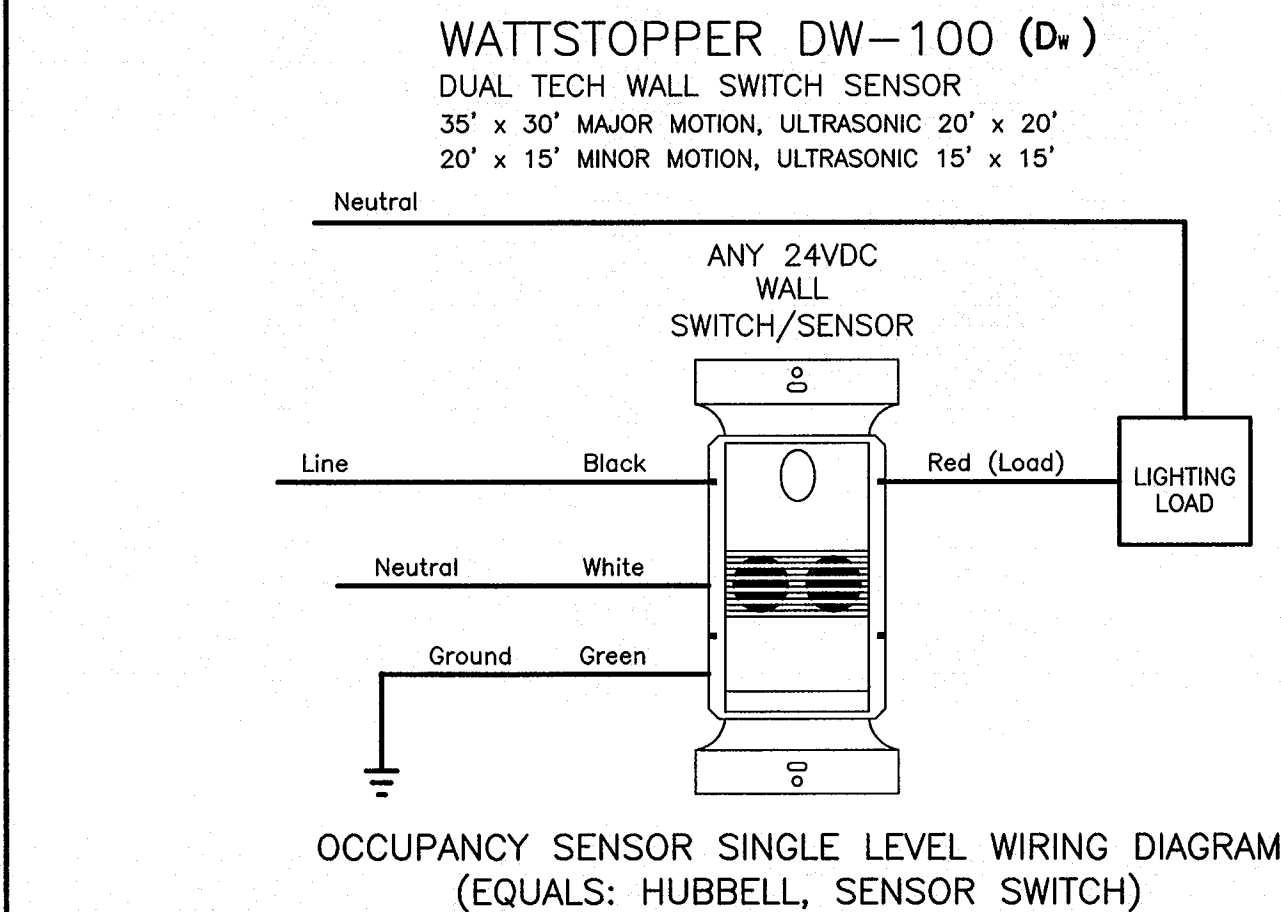
NOTES:

1. REFER TO SPECIFICATIONS 27 01 01 STRUCTURED WIRING REQUIREMENTS.
2. ELECTRICAL CONTRACTOR SHALL VERIFY LOCATIONS OF CASEWORK AND TACK BOARDS PRIOR TO INSTALLATION OF BOXES AND CONDUIT.
3. ELECTRICAL CONTRACTOR SHALL PROVIDE TRAY AND J-HOOK SUPPORTS FOR SUPPORTING WIRING.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING CONDUIT SLEEVES AS NEEDED TO ACCOMMODATE NEW WIRING. AFTER ALL WIRING IS INSTALLED THEN CONTRACTOR SHALL SEAL ACCORDINGLY.

DETAIL
NOT TO SCALE

TYPICAL DATA OUTLET

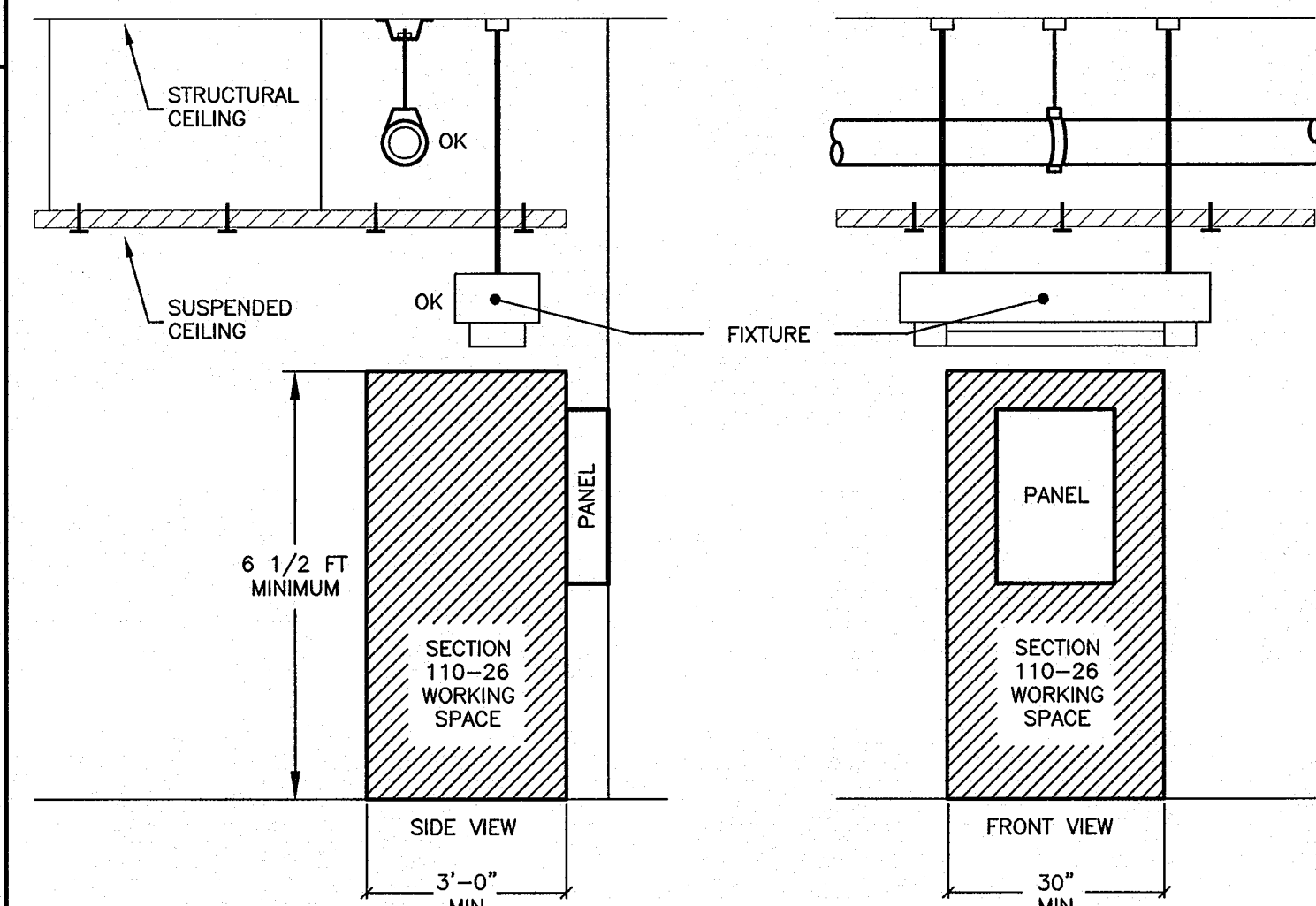
01



DETAIL
NOT TO SCALE

OCC. SENSOR WIRING DIAGRAM

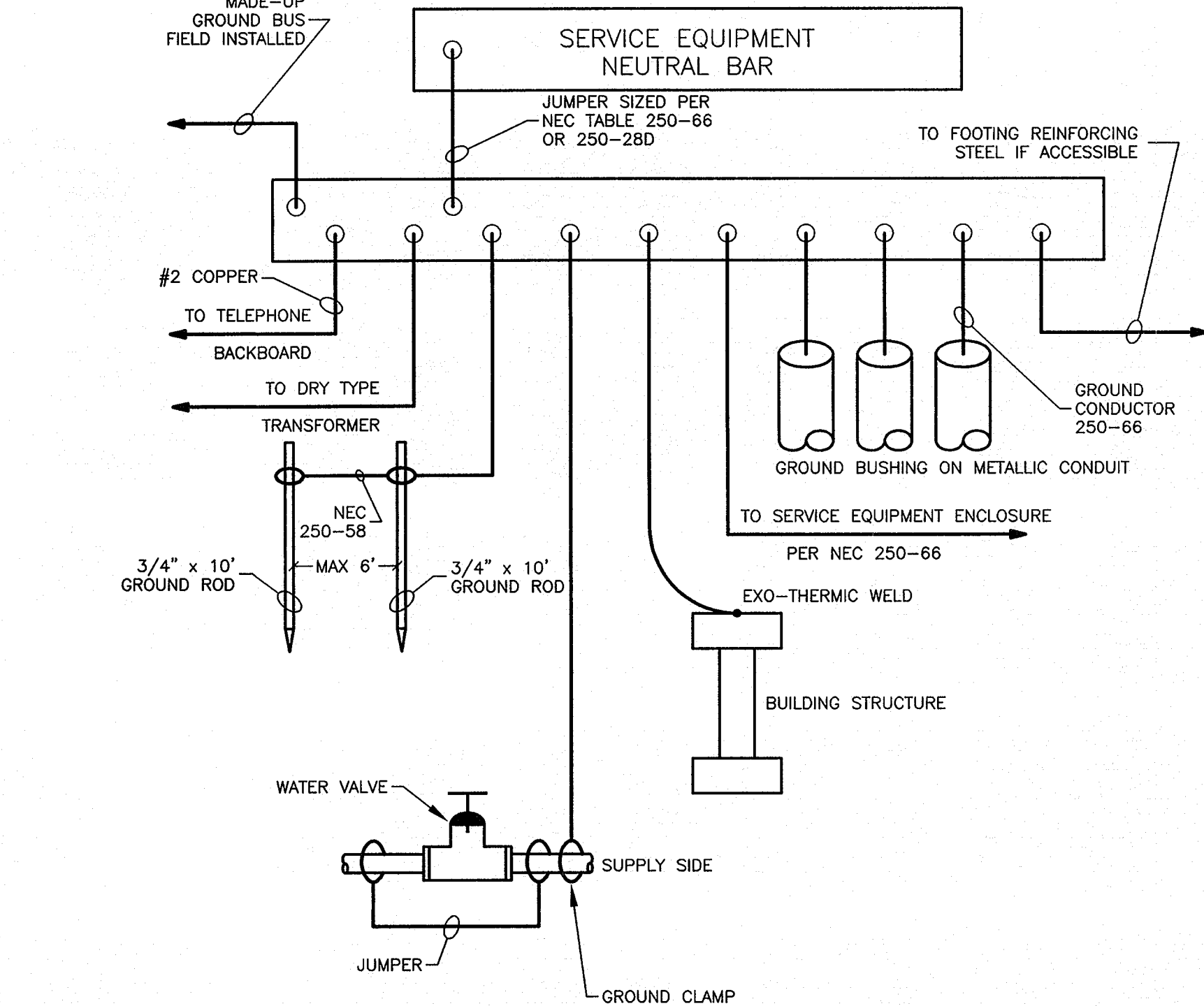
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WORKING CLEARANCE FOR ELECTRICAL EQUIPMENT
N.E.C ARTICLE 110-26

DETAIL
NOT TO SCALE

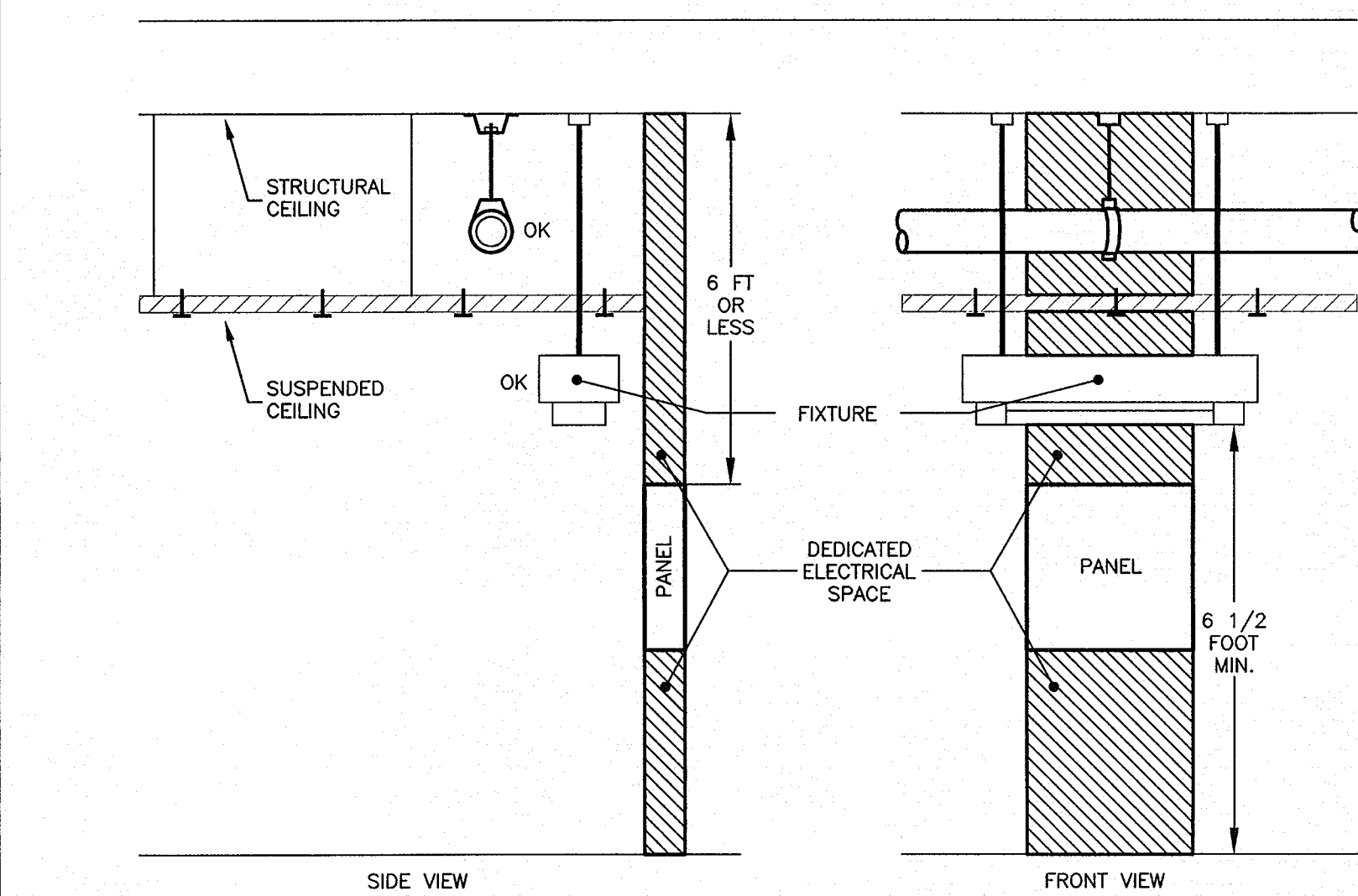
04



DETAIL
NOT TO SCALE

SERVICE EQUIPMENT GROUNDING DETAIL

07

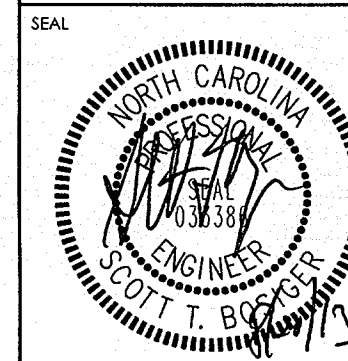


DEDICATED SPACE FOR ELECTRICAL EQUIPMENT
N.E.C ARTICLE 110-26(F)(1)

DETAIL
NOT TO SCALE

06

CONSULTANT



pdc
PROGRESSIVE DESIGN
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KEY PLAN

SCO ID #120956301; CODE 84210; ITEM 7826

NO REVISION DATE

J K F
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NC DEPARTMENT OF
TRANSPORTATION
CURRITUCK WELCOME CENTER
TOWN OF CURRITUCK, NC

DRAWING TITLE
ELECTRICAL DETAILS

SCALE
DRAWN
CHECKED
DATE
PROJECT NO.

NONE

STB

STB

6-26-2013

2013-04

E4.1

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LOAD			DESIGNATION TYPED ON DIRECTORY	CKT NO.	S/N	CKT NO.	DESIGNATION TYPED ON DIRECTORY	LOAD		
A	B	C						A	B	C
500			HVAC CONTROLS	1		2	PANEL A 10423			
	1250		CU-3 20A/2P	3		4	200 AMP / 3 POLE	10028		
		1250	3 #12 IN 3/4"C	5		6	4 #3/0, 1 #3G IN 2 1/2"C	5155		
940			CU-4 15A/2P	7		8	PANEL B 5393			
	940		3 #12'S IN 3/4"C	9		10	100 AMP / 3 POLE	7788		
	1250		CU-5 20A/2P	11		12	4 #4, 1 #6G IN 1 1/4"C	4792		
		1250	3 #12 IN 3/4"C	13		14	EXISTING 400 AMP TROUGH	18580		
	1332		AHU-3	15		16	400 AMP / 3 POLE	18580		
		1332	AHU-4	17		18	4 #500kcmil, 1 #3G IN 3"C	18580		
1332			AHU-5	19		20	SPARE			
	500		HVAC CONTROLS	21		22	SPARE			
		500	WH-1	23		24	SPARE			
1400			EXTERIOR LIGHTS	25		26	SPARE			
			SPARE	27		28	SPARE			
			SPARE	29		30	SPARE			
			SPARE	31		32	SPARE			
			SPARE	33		34	SPARE			
			SPARE	35		36	SPARE			
			SPARE	37		38	SPARE			
			SPARE	39		40	SPARE			
			SPARE	41		42	SPARE			

PANEL MDP

600 AMP, 120/208 VOLT, 3 PHASE, 4 WIRE
SURFACE MOUNTED WITH MAIN LUG ONLY
ALL CIRCUIT BREAKERS SHALL BE 1 POLE, 20 AMP
22 KA ISC RATED UNLESS OTHERWISE NOTED

	TOTAL CONNECTED KW	TOTAL DIVERSITY	TOTAL CALCULATED KW
INTERIOR LIGHTING	4.03	x1.25	5.04
EXTERIOR LIGHTING	2.15	x1.25	2.7
HVAC (COOLING)	21.512	x1.00	21.512
HVAC (HEATING)	-	x0.0	-
HVAC AUXILIARIES	1.5	x1.00	1.5
VENTILATION	24	x1.0	24
KITCHEN EQUIPMENT	10.4	x1.0	10.4
GENERAL PURPOSE RECEPTACLES	16.5	{ 10 6.5 }	10 3.3
COMPUTERS	-	x1.25	-
ELEVATORS	-	x1.25	-
MISCELLANEOUS	1.2	x0.6	.72
EXISTING	55.74	x1.0	55.74
TOTALS	113.093		111.152

LOAD			DESIGNATION TYPED ON DIRECTORY	CKT NO.	S/N	CKT NO.	DESIGNATION TYPED ON DIRECTORY	LOAD		
A	B	C						A	B	C
540			RECEPTS - 113, EXTERIOR	1		2	AHU-1	1320		
	540		RECEPTS - 112, EXTERIOR	3		4	AHU-2	1620		
		200	SINK CONTROLS	5		6	HVAC CONTROLS	500		
500			WH-1	7		8	EF-1	50		
	180		EW	9		10	CU-2 50A/2P	2912		
		180	EW	11		12	3 #8 IN 1"C	2912		
180			RECEPTS - EXTERIOR	13		14	CU-1 20A/2P	936		
		1000	VENDING MACHINE	15		16	3 #12 IN 3/4"C	936		
		1000	VENDING MACHINE	17		18	MECH LOFT RECEPT	180		
1000			VENDING MACHINE	19		20	SPARE			
			SPARE	21		22	SPARE			
			SPARE	23		24	SPARE			
867			LTS-112-114	25		26	SPARE			
	600		LTS-115	27		28	SPARE			
			SPARE	29		30	SPARE			
			SPARE	31		32	SPARE			
			SPARE	33		34	SPARE			
			SPARE	35		36	SPARE			
			SPARE	37		38	SPARE			
			SPARE	39		40	SPARE			
			FACP	41		42	SPARE			

PANEL B

100 AMP, 120/208 VOLT, 3 PHASE, 4 WIRE
SURFACE MOUNTED WITH MAIN LUGS ONLY
ALL CIRCUIT BREAKERS SHALL BE 1 POLE, 20 AMP
10 KA ISC RATED UNLESS OTHERWISE NOTED

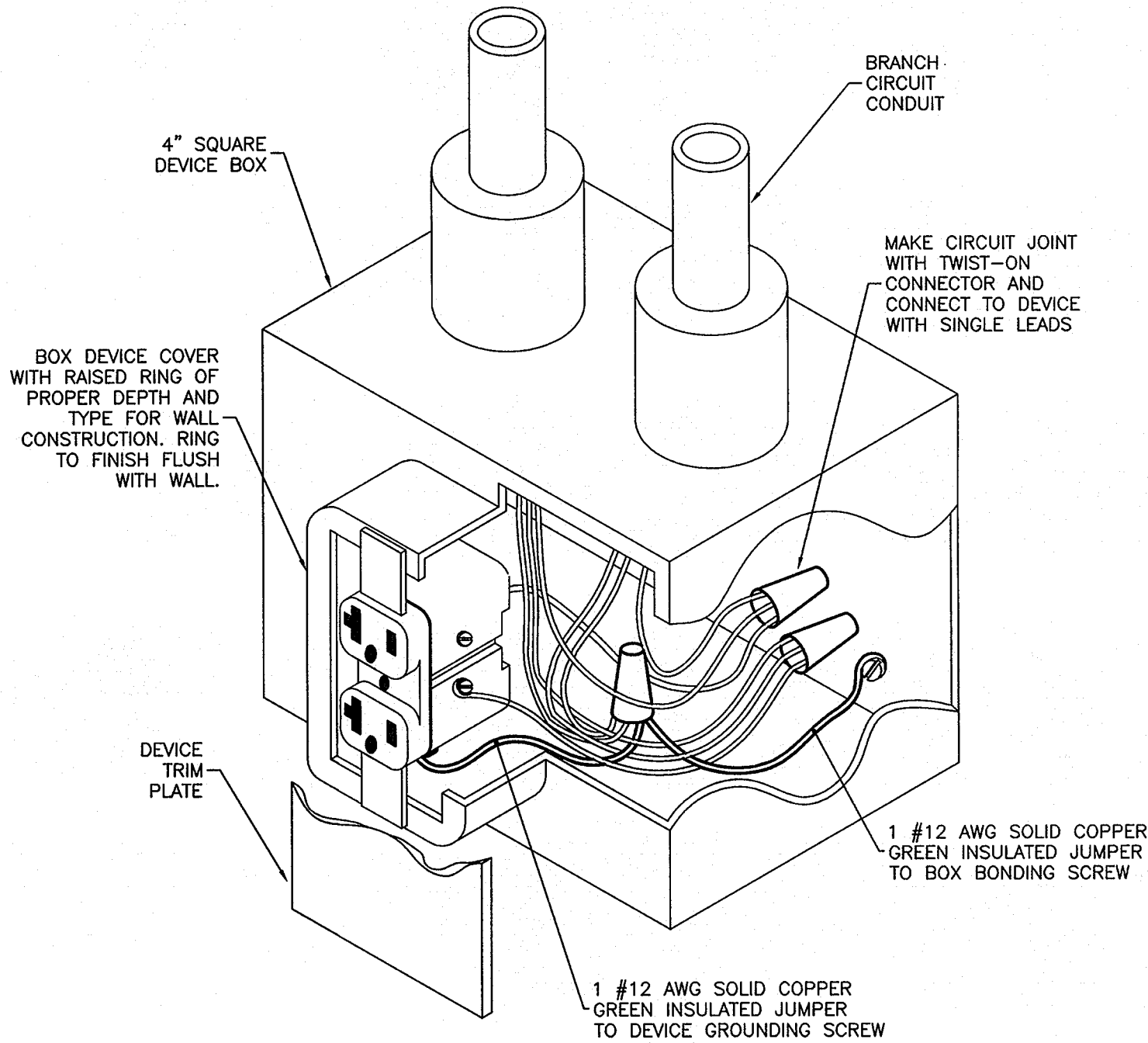
	TOTAL CONNECTED KW	TOTAL DIVERSITY	TOTAL CALCULATED KW
INTERIOR LIGHTING	-	x1.25	-
EXTERIOR LIGHTING	-	x1.25	-
HVAC (COOLING)	-	x1.25	-
HVAC (HEATING)	-	x0.0	-
HVAC AUXILIARIES	-	x1.25	-
VENTILATION	-	x1.0	-
KITCHEN EQUIPMENT	-	x1.0	-
GENERAL PURPOSE RECEPTACLES	-	{ - x0.5 }	-
COMPUTERS	-	x1.25	-
ELEVATORS	-	x1.25	-
MISCELLANEOUS	-	x0.6	-
FUTURE	-	x1.0	-
TOTALS	-		-

LOAD			DESIGNATION TYPED ON DIRECTORY	CKT NO.	S/N	CKT NO.	DESIGNATION TYPED ON DIRECTORY	LOAD		
A	B	C						A	B	C
540			RECEPTS - 109	1		2	LTS-110,107,105,103,116,117	867		
	500		REFRIG - 109	3		4	LTS-109,108,106,104,102,101	906		
		180	RECEPTS - 109	5		6	LTS-111	790		
5200			OVEN 50A/2P	7		8	LTS-EXTERIOR	756		
	5200		3 #8 IN 1"C	9		10	GEN-SET BLOCK HEATER	500		
		SPARE	SPARE	11		12	GEN-SET BATTERY CHARGER	500		
720			RECEPTS - 108, 117	13		14	RECEPT, GEN-SET CONTROLS	680		
	900		RECEPTS - 106	15		16	SPARE			
		180	RECEPTS - 104	17		18	SPARE			
180			RECEPTS - 104	19		20	SPARE			
	180		RECEPTS - 104	21		22	SPARE			
		720	RECEPTS - 104, 117	23		24	SPARE			
900			RECEPTS - 102, EXTERIOR	25		26	SPARE			
	900		RECEPTS - 102	27		28	SPARE			
		1260	RECEPTS - 101, EXTERIOR	29		30	SPARE			
900			RECEPTS - 116	31		32	SPARE			
	1080		RECEPTS - 103, 105, 111	33		34	SPARE			
		1305	FAN EF-2, RECEPTS - 105, 107, EXT.	35		36	SPARE			
360			RECEPTS - 105B	37		38	SPARE			
	360		RECEPTS - 105B	39		40	SPARE			
		720	RECEPTS - 111	41		42	SPARE			

PANEL A

225 AMP, 120/208 VOLT, 3 PHASE, 4 WIRE
SURFACE MOUNTED WITH MAIN LUGS ONLY
ALL CIRCUIT BREAKERS SHALL BE 1 POLE, 20 AMP
10 KA ISC RATED UNLESS OTHERWISE NOTED

	TOTAL CONNECTED KW	TOTAL DIVERSITY	TOTAL CALCULATED KW
INTERIOR LIGHTING	-	x1.25	-
EXTERIOR LIGHTING	-	x1.25	-
HVAC (COOLING)	-	x1.25	-
HVAC (HEATING)	-	x0.0	-
HVAC AUXILIARIES	-	x1.25	-
VENTILATION	-	x1.0	-
KITCHEN EQUIPMENT	-	x1.0	-
GENERAL PURPOSE RECEPTACLES	-	{ - x1.0 }	-
COMPUTERS	-	x1.25	-
ELEVATORS	-	x1.25	-
MISCELLANEOUS	-	x0.6	-
FUTURE	-	x1.0	-
TOTALS	-		-

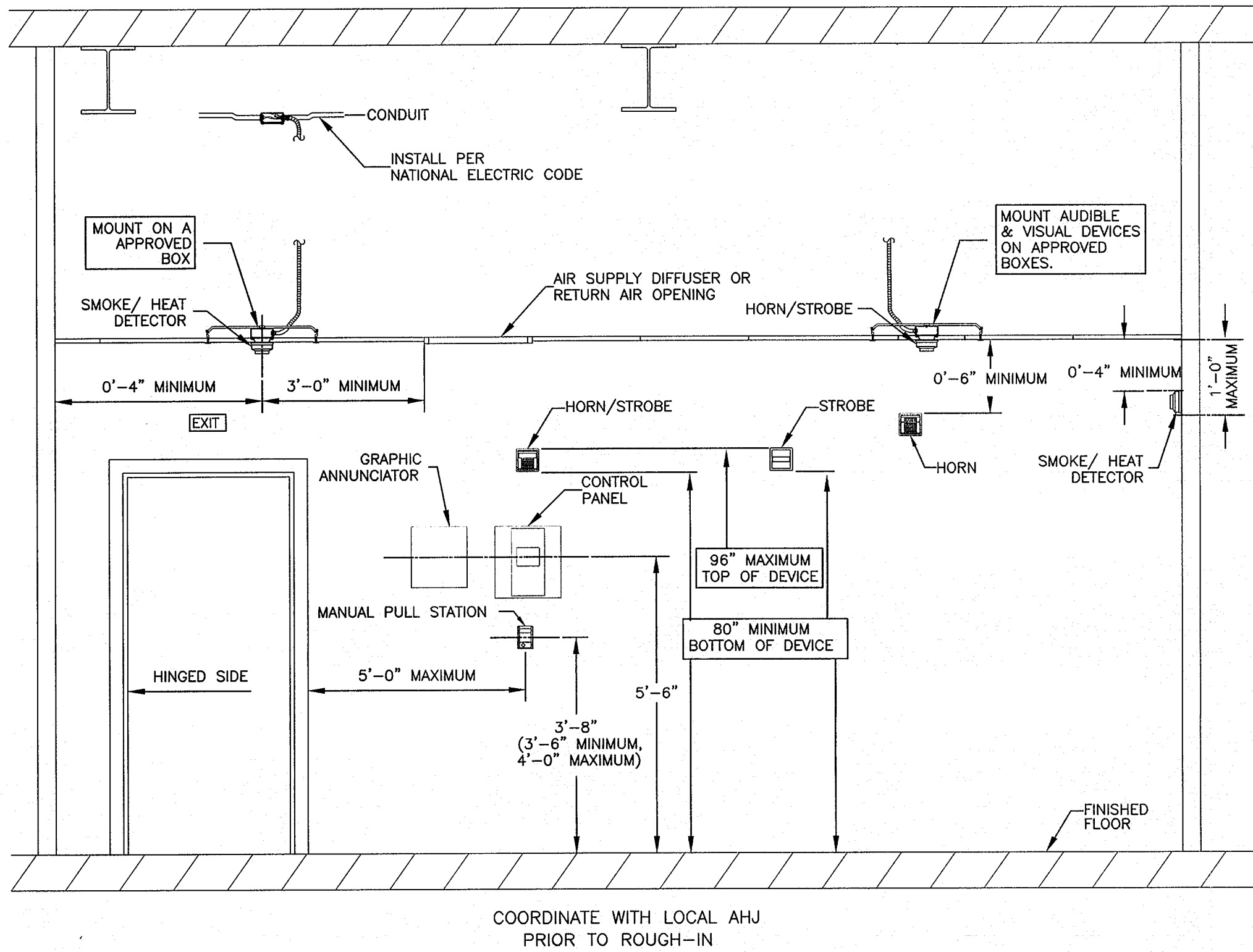


RECEPTACLE GROUNDING DETAIL

DETAIL
NOT TO SCALE

02

NFPA 72 AND ADA DEVICE
INSTALLATION REQUIREMENTS

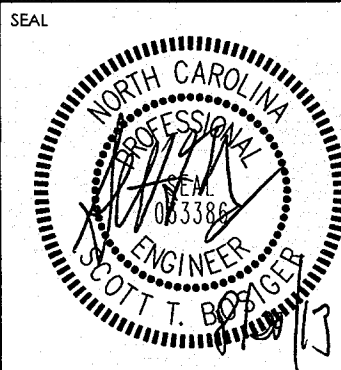


DETAIL
NOT TO SCALE

FIRE ALARM DEVICE MOUNTING

01

CONSULTANT

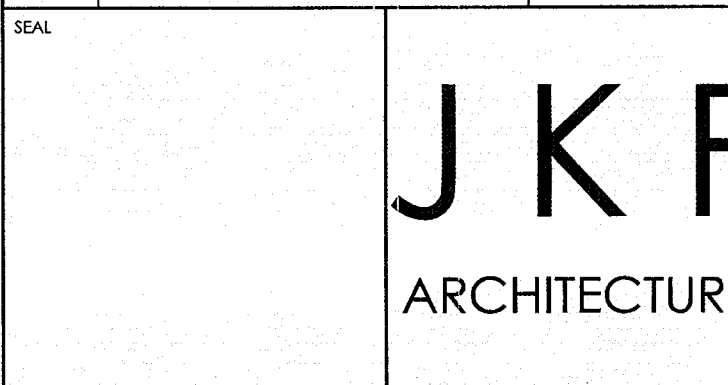


KEY PLAN



SCO ID #120956301; CODE 84210; ITEM 7826

NO REVISION DATE



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NC DEPARTMENT OF
TRANSPORTATION
CURRITUCK WELCOME CENTER
TOWN OF CURRITUCK, NC

DRAWING TITLE
ELECTRICAL DETAILS, PANELS
POWER RISER, LOAD SUMMARY

SCALE	N.T.S.	DRAWING NO.	
DRAWN	STB		
CHECKED	STB		
DATE	6-26-2013		
PROJECT NO.	2013-04		

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