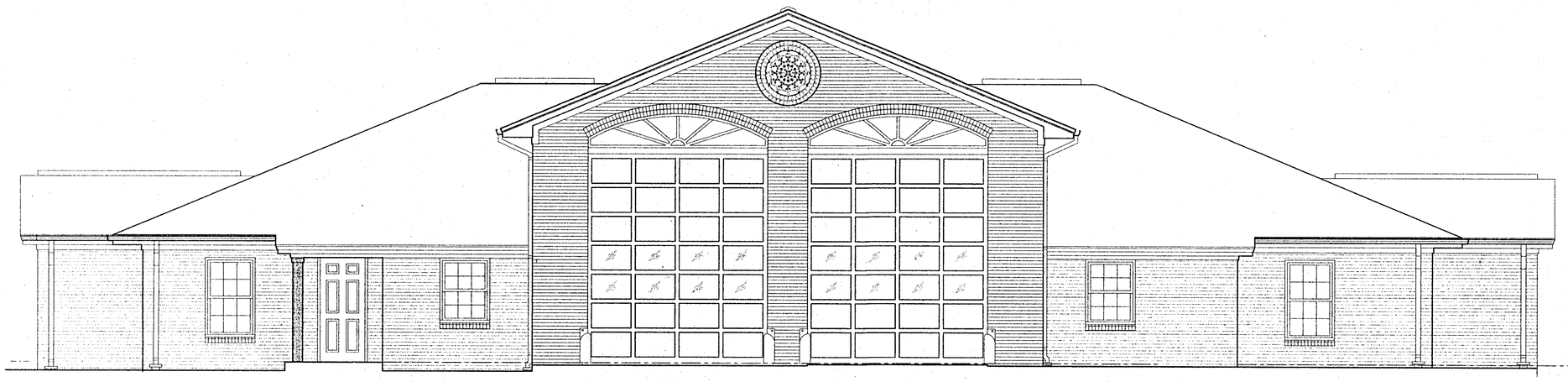
INDEX OF SHEETS

FIRE STATIONS
No. 103 NORTHSIDE DRIVE
No. 104 MT. PLEASANT CHURCH ROAD



FOR
MACON - BIBB COUNTY
FIRE DEPARTMENT
MACON, GEORGIA

BRITTAIN
THOMPSON
BRAY
BROWN
INC.

ARCHITECTS
PLANNERS

CONSULTING MECHANICAL ENGINEERS

SPENCER ENGINEERING

TUCKER, GEORGIA

CONSULTING ELECTRICAL ENGINEERS

ELECTRICAL DESIGN CONSULTANTS, INC.

MACON, GEORGIA

CONSULTING CIVIL ENGINEERS

DONALDSON, GARRETT & ASSOC., INC.

MACON, GEORGIA

GEORGIA REGISTERED NO. 2047 PROFESSIONAL ARCHITECT CHARLES S. THOMPSON

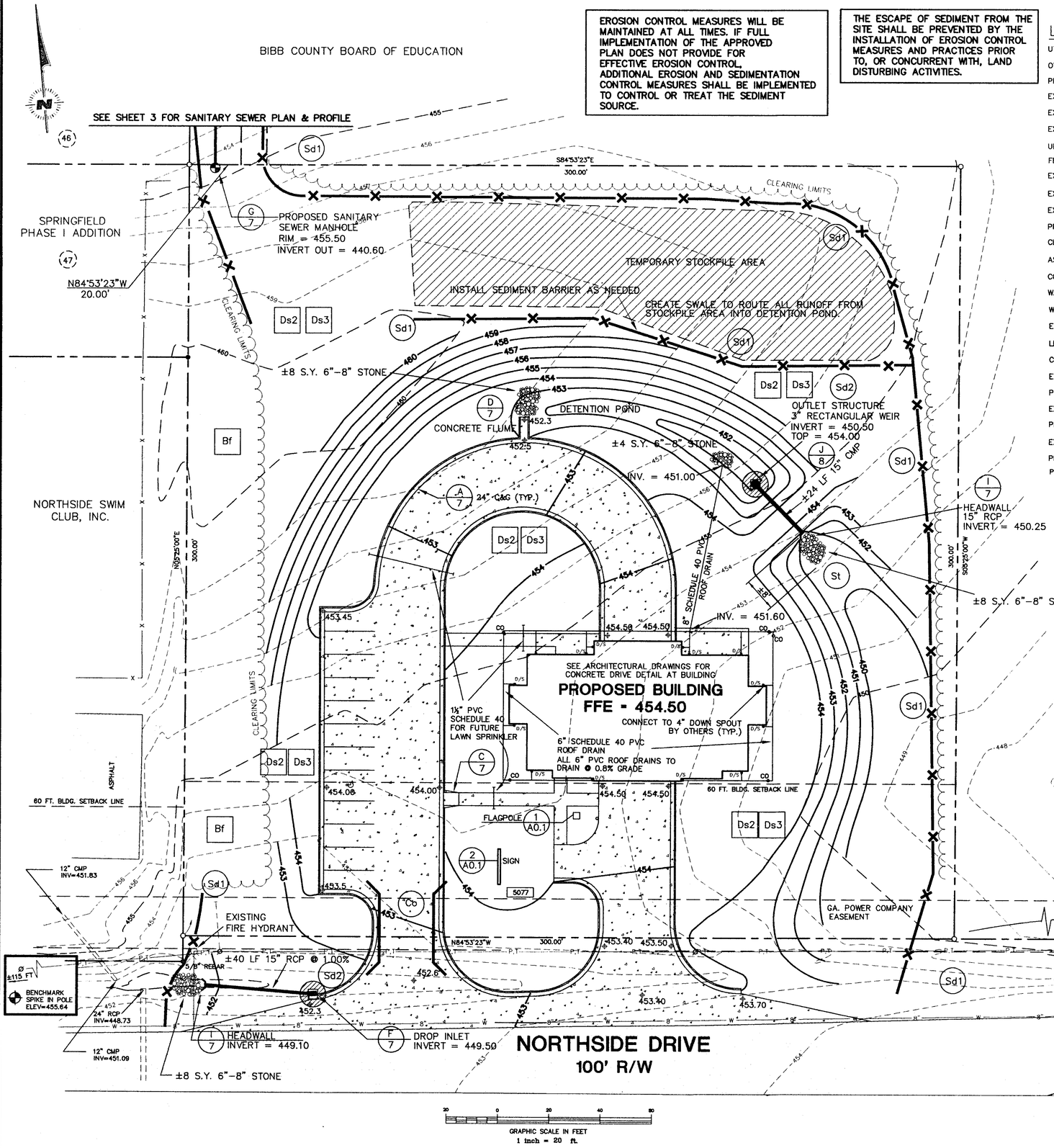
GEORGIA REGISTERED No. 2202 WALTER L. TRUE

GEORGIA REGISTERED 15640 PROFESSIONAL ENGINEER MONEY V. SPENCER

GEORGIA REGISTERED NO. 23199 PROFESSIONAL ENGINEER JEFFREY H. MCGEE

no. _____

DATE

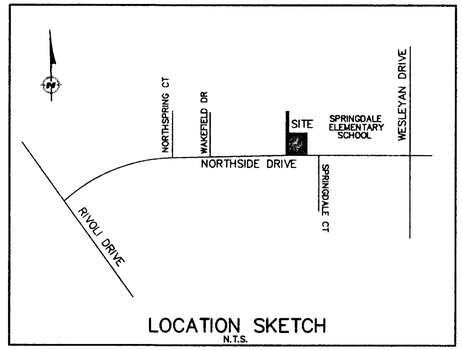


EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.

THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND DISTURBING ACTIVITIES.

LEGEND

- UTILITY POLE/GUY WIRE
- OVERHEAD POWER (OHP)
- PROPERTY LINE
- EXISTING WATER LINE
- EXISTING WATER LINE (W)
- EXISTING GAS LINE (G)
- UNDERGROUND POWER (UGP)
- FENCE
- EXISTING SANITARY SEWER (SS)
- EXISTING STORM SEWER (SD)
- EXISTING CONTOUR LINE (499)
- PROPOSED CONTOUR LINE (501)
- CLEARING LIMITS
- ASPHALT
- CONCRETE
- WATER VALVE
- WATER METER
- EXISTING FIRE HYDRANT
- LIGHT POLE
- CLEANOUT
- EXISTING INLET
- PROPOSED INLET
- EXISTING MANHOLE
- PROPOSED MANHOLE
- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION (506.4)
- PROPOSED CLEANOUT (CO)



LOCATION SKETCH
N.T.S.

PRELIMINARY

SUBJECT TO FINAL APPROVAL

GEORGIA
UNIFORM CODING SYSTEM
FOR SOIL EROSION AND SEDIMENT CONTROL PRACTICES

Bf	BUFFER ZONE	Bf	AN UNDISTURBED NATURAL "GREEN BELT" SEPARATING THE LAND-DISTURBED SITE FROM SURROUNDING PROPERTY AND BORDERING STREAMS. IT SERVES TO REDUCE WATER VELOCITY AND REMOVE SOME SEDIMENT. IT IS ALSO AT TIMES A NOISE OR "VISION POLLUTION" BARRIER.
Ds2	DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)	Ds2	ESTABLISHING A TEMPORARY VEGETATIVE COVER WITH FAST GROWING SEEDINGS ON DISTURBED AREAS
Ds3	DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION)	Ds3	ESTABLISHING PERMANENT VEGETATIVE COVER SUCH AS TREES, SHRUBS, VINES, SOD OR LEGUMES ON DISTURBED AREAS
Sd1	SEDIMENT BARRIER	TYPE (Indicate type)	A BARRIER TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION SITE. IT MAY BE SANDBAGS, BALES OF STRAW OR HAY, BRUSH, LOGS AND POLES, GRAVEL OR SEDIMENT FENCE. THE BARRIERS ARE USUALLY TEMPORARY AND INEXPENSIVE.
Sd2	INLET SEDIMENT TRAP		AN IMPOUNDING AREA CREATED BY EXCAVATING AROUND A STORM DROP INLET. THE EXCAVATED AREA WILL BE FILLED AND STABILIZED ON COMPLETION OF CONSTRUCTION ACTIVITIES.
Co	CONSTRUCTION EXIT	Co	CRUSHED STONE PAD LOCATED AT THE CONSTRUCTION SITE EXIT TO PROVIDE A PLACE FOR REMOVING MUD FROM TIRES THEREBY PROTECTING PUBLIC STREETS.
Cd	CHECKDAM	Cd	A SMALL TEMPORARY BARRIER OR DAM CONSTRUCTED ACROSS A SWALE, DRAINAGE DITCH OR AREA OF CONCENTRATED FLOW
St	STORM DRAIN OUTLET PROTECTION	St	A PAVED OR SHORT SECTION OF RIPRAP CHANNEL AT THE OUTLET OF A STORM DRAINAGE SYSTEM PREVENTING EROSION FROM THE CONCENTRATED RUNOFF.

SOIL EROSION AND SEDIMENTATION CONTROL NOTES

1. Vegetation: Stripping of vegetation, regrading and other development activities shall be conducted in such a manner so as to minimize erosion. Whenever feasible, natural vegetation shall be retained, protected and supplemented.
2. Disturbed Soil: The disturbed area and the duration of exposure to erosive elements shall be kept to a practicable minimum. All disturbed soil shall be stabilized as quickly as practical. Temporary vegetation or mulching shall be employed to protect exposed areas during development.
3. Surface Run-Off Water: Sediment in run-off water must be trapped by use of silt fences, hay bales, or similar measures until the disturbed area is stabilized. Adequate provisions must be provided to minimize damage from surface water to the cut face of excavations of the sloping surfaces of fills.
4. Maintenance: The contractor shall be responsible for maintaining all erosion and sedimentation control measures and structures, whether temporary or permanent. It will be the sole responsibility of the general contractor to implement adequate soil erosion and sediment control procedures for this project. Additional measures, beyond what is shown on this drawing, may be necessary to insure that sufficient soil erosion and sediment control protection is provided.

GRASSING NOTES

1. The Contractor shall be responsible for ground preparation, seeding, fertilizing, and mulching of all areas designated for grassing and producing a satisfactory growth and coverage of grass.
2. Seasonal limitations for grassing shall conform to specifications outlined for disturbed area stabilization in The Manual For Erosion and Sediment Control, Second Edition. Fertilizer shall be 5-10-15 and shall be spread uniformly at the rate of 1500 pounds per acre. Seed shall consist of 6 pounds of common unhulled Bermuda and 50 pounds of Winter Rye, throughly mixed per acre. Mulching shall consist of a dry straw or hay of good quality, free of seed of competing plants, and spread at the rate of 2-1/2 tons per acre within 24 hours after seeding. Nitrogen top dressing shall be spread uniformly over the seeded area at the rate of 70 pounds per acre and shall be applied when the young grass has reached a height of at least 1 inch.
3. All areas disturbed by clearing, grading or other construction efforts shall be landscaped.

24 HOUR CONTACT
Bob Brown
(912) 746-1721

DONALDSON, GARRETT, & ASSOCIATES, INC.
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4875 RIVERSIDE DRIVE P.O. BOX 7306
MACON, GA 31210
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http://www.dga-d.com

GEORGIA REGISTERED No 2202 LAND SURVEYOR RALPH A. TRUE

FIRE STATION #103
MACON-BIBB COUNTY
FIRE DEPARTMENT
NORTHSIDE DRIVE
MACON, GA

13TH LAND DISTRICT
GEORGIA
LAND LOT 229
BIBB COUNTY

BRITTAIN THOMPSON BRAY BROWN INC.
ARCHITECTS PLANNERS
MACON, GEORGIA

REVISIONS

DATE	
4/2/98	ADDED ROOF DRAINS & SAW CUTS

SCALE:
HORIZONTAL: 1" = 20'
VERTICAL: –

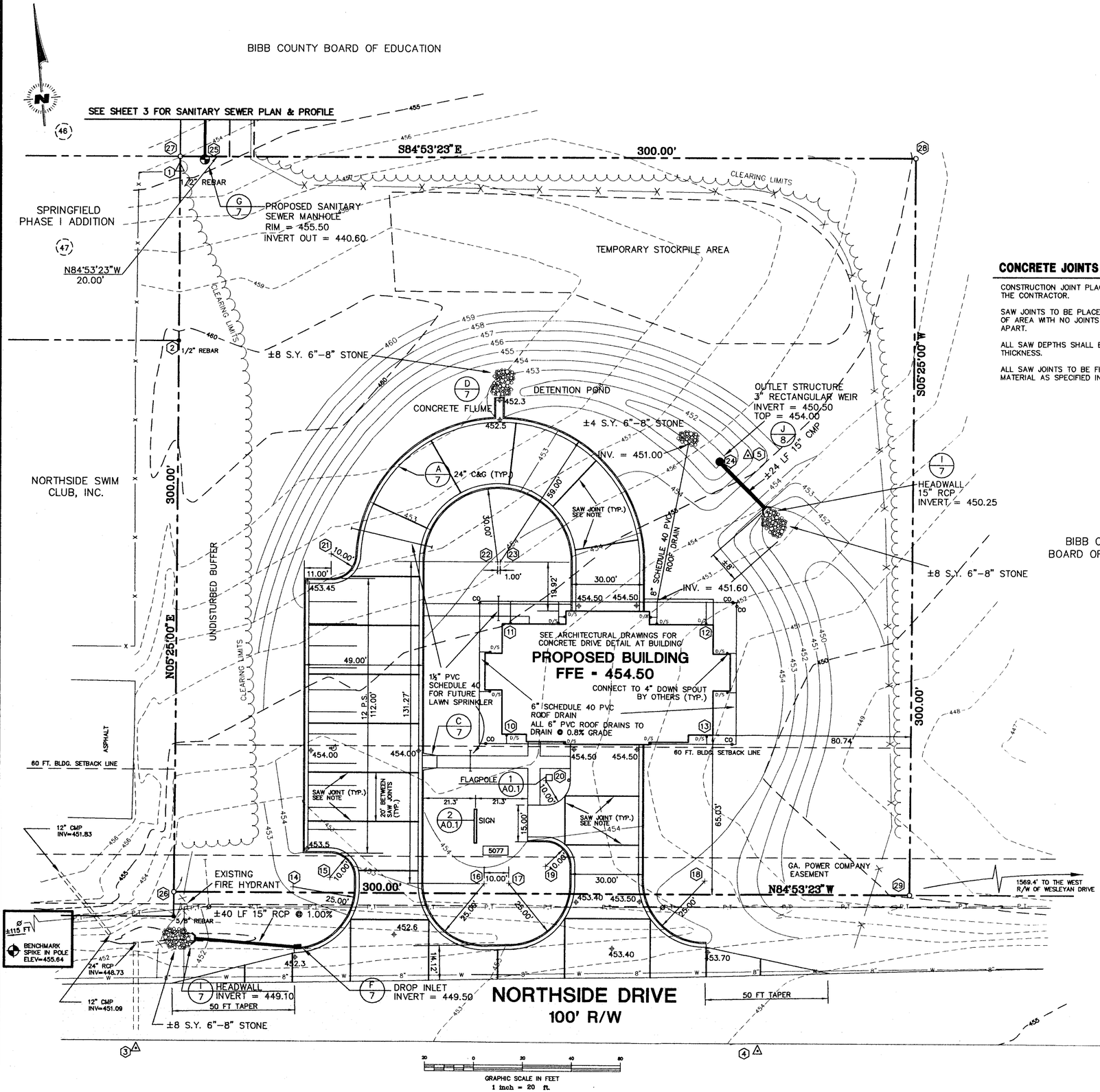
DATE: MARCH 24, 1998
DRAWING NO. 1391-98-D
PROJ. NO.: 1491-033-D1
DSGN: MP
DRWN: MP
CHKD: RT
APVD: RT
RLS No: 2202

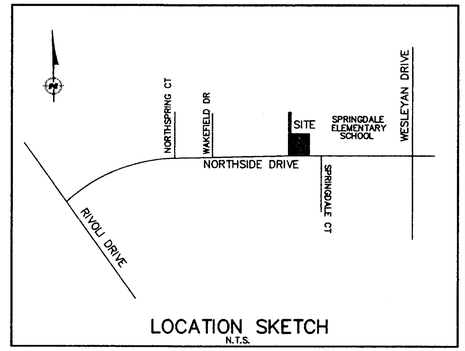
SITE GRADING & SOIL EROSION PLAN

SHEET 1 OF 8

H21SPPLT.DWG/20

PLOT DATE: 04/06/1998 BY: MITCH





LOCATION SKETCH
N.T.S.

CONCRETE JOINTS

CONSTRUCTION JOINT PLACEMENT TO BE DETERMINED BY THE CONTRACTOR.

SAW JOINTS TO BE PLACED AT A MAXIMUM OF 900 SQ FT OF AREA WITH NO JOINTS BEING MORE THAN 30 FT APART.

ALL SAW DEPTHS SHALL EQUAL ONE THIRD OF THE SLAB THICKNESS.

ALL SAW JOINTS TO BE FILLED WITH JOINT FILLER MATERIAL AS SPECIFIED IN SPECIFICATION SECTION 02520.

LEGEND

UTILITY POLE/GUY WIRE	Ø— — ⊣
OVERHEAD POWER	—OHP—
PROPERTY LINE	
EXISTING WATER LINE	
EXISTING WATER LINE	—W—
EXISTING GAS LINE	—G—
UNDERGROUND POWER	—UGP—
FENCE	— x —
EXISTING SANITARY SEWER	—SS—
EXISTING STORM SEWER	—SD—
EXISTING CONTOUR LINE	—499—
PROPOSED CONTOUR LINE	—501—
CLEARING LIMITS	
ASPHALT	
CONCRETE	
WATER VALVE	▽
WATER METER	⊖
EXISTING FIRE HYDRANT	
LIGHT POLE	◇
CLEANOUT	○
EXISTING INLET	□
PROPOSED INLET	■
EXISTING MANHOLE	
PROPOSED MANHOLE	
EXISTING SPOT ELEVATION	+
PROPOSED SPOT ELEVATION	+506.4
SURVEY CONTROL POINT	△
PROPOSED CLEANOUT	°co

PRELIMINARY

SUBJECT TO FINAL APPROVAL

#	NORTH	EAST	DESCRIPTION
1	4607.17	5412.17	1/2" REBAR
2	4537.29	5405.59	1/2" REBAR
3	4251.01	5363.61	60D NAIL
4	4228.57	5616.06	60D NAIL
5	4470.87	5632.85	PK NAIL
10	4366.16	5523.25	BLDG CORNER
11	4410.98	5527.26	BLDG CORNER
12	4403.32	5612.92	BLDG CORNER
13	4358.50	5608.91	BLDG CORNER
14	4311.33	5433.01	RADIUS POINT
15	4313.86	5448.30	RADIUS POINT
16	4306.01	5510.85	RADIUS POINT
17	4305.33	5520.83	RADIUS POINT
18	4299.49	5600.62	RADIUS POINT
19	4310.89	5536.38	RADIUS POINT
20	4345.75	5539.50	RADIUS POINT
21	4445.34	5460.06	RADIUS POINT
22	4436.31	5527.52	RADIUS POINT
23	4436.22	5528.52	RADIUS POINT
24	4469.36	5621.32	WEIR
25	4610.01	5422.53	MANHOLE
26	4313.29	5384.39	PROPERTY CORNER
27	4611.95	5412.70	PROPERTY CORNER
28	4585.23	5711.51	PROPERTY CORNER
29	4286.57	5683.19	PROPERTY CORNER

ALL DIMENSIONS AND COORDINATES ARE TO BACK OF CURB, OUTSIDE FACE OF BUILDING, OR CENTERLINE STRUCTURE UNLESS SPECIFIED OTHERWISE.

DONALDSON, GARRETT, & ASSOCIATES, INC.
MACON • CHARLOTTE
4875 RIVERSIDE DRIVE P.O. BOX 7306
MACON, GEORGIA 31210-7306
(912)474-5350 Fax: (912) 477-2534
http://www.dg-a.com

GEORGIA REGISTERED No. 2202 LAND SURVEYOR RALPH A. TRUE

FIRE STATION #103
MACON-BIBB COUNTY FIRE DEPARTMENT
NORTHSIDE DRIVE
MACON, GA

LAND LOT 229 BIBB COUNTY
13TH LAND DISTRICT GEORGIA

BRITTAIN THOMPSON BRAY BROWN INC.
ARCHITECTS PLANNERS
MACON, GEORGIA

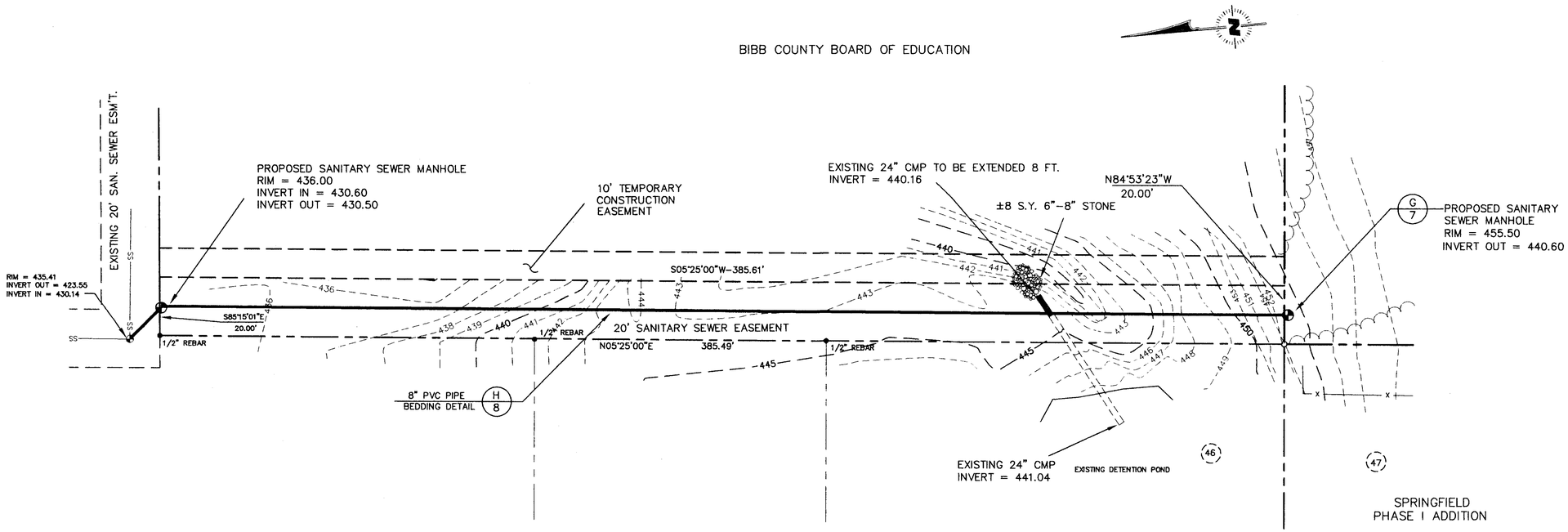
DATE	REVISIONS
4/2/98	ADDED ROOF DRAINS & SAW CUTS

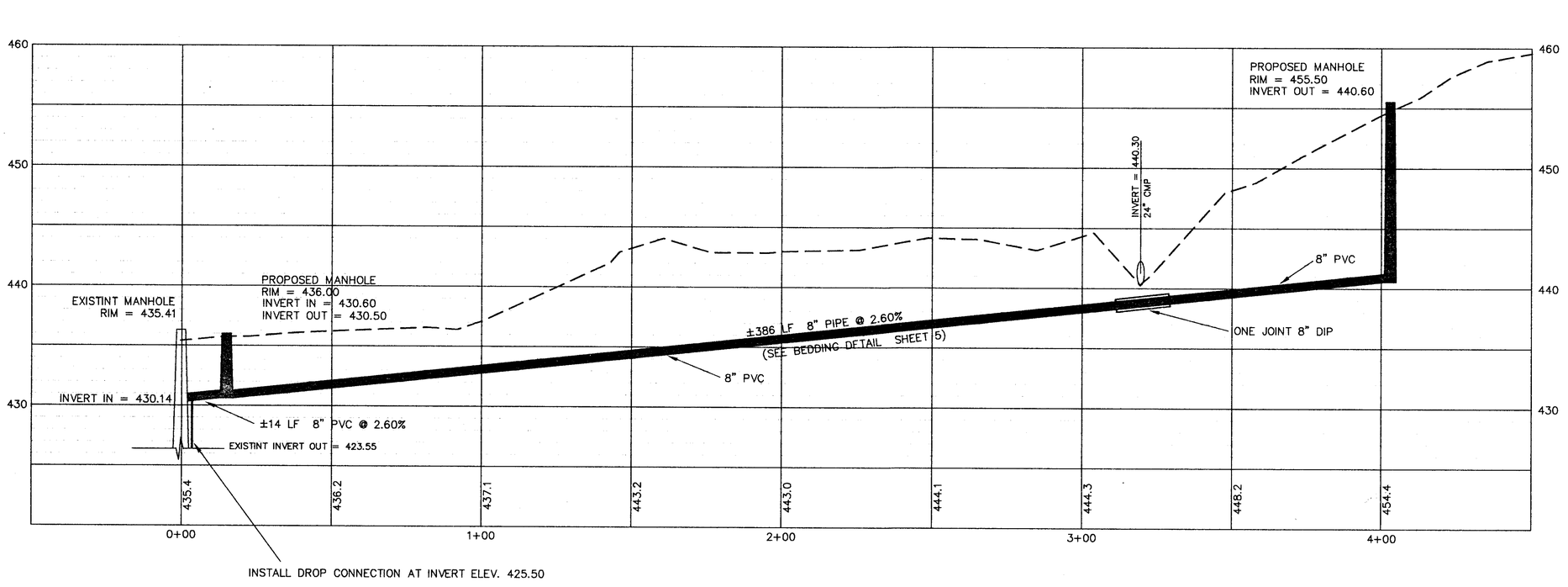
SCALE:
HORIZONTAL: 1" = 20'
VERTICAL: –

DATE: MARCH 24, 1998
DRAWING NO. 1391-98-D
PROJ. NO.: 1491-033-D1
DSGN: MP
DRWN: MP
CHKD: RT
APVD: RT
RLS No: 2202

STAKING PLAN

SHEET 2 OF 8





PRELIMINARY

SUBJECT TO FINAL APPROVAL

STATE OF GEORGIA REGISTERED No. 12683 PROFESSIONAL ENGINEER GAYLEN G. McKINLEY

McKINLEY
ENVIRONMENTAL & ENGINEERING CONSULTANTS, INC.
P.O. BOX 787-THOMASTON, GEORGIA 30286
PHONE: 706-647-1300

THIS SEAL IS AFFIXED TO COMPLY WITH MACON WATER AUTHORITY REQUIREMENTS ONLY AND IS RESTRICTED TO THOSE PURPOSES. THIS DOES NOT INCLUDE DESIGN OF THE FIRE PROTECTION SYSTEM.

DONALDSON, GARRETT, & ASSOCIATES, INC.
MACON • CHARLOTTE
4875 RIVERSIDE DRIVE, SUITE 210 P.O. BOX 7306
MACON, GA 31210 MACON, GA 31209
(912)474-5350 Fax: (912) 477-2534
http://www.dg-a.com

GEORGIA REGISTERED No. 2202 LAND SURVEYOR RALPH A. TRUE

FIRE STATION #103

MACON-BIBB COUNTY
FIRE DEPARTMENT
NORTHSIDE DRIVE
MACON, GA

13TH LAND DISTRICT
GEORGIA

LAND LOT 229
BIBB COUNTY

BRITTAIN THOMPSON BRAY BROWN INC.
ARCHITECTS PLANNERS
MACON, GEORGIA

REVISIONS	DATE

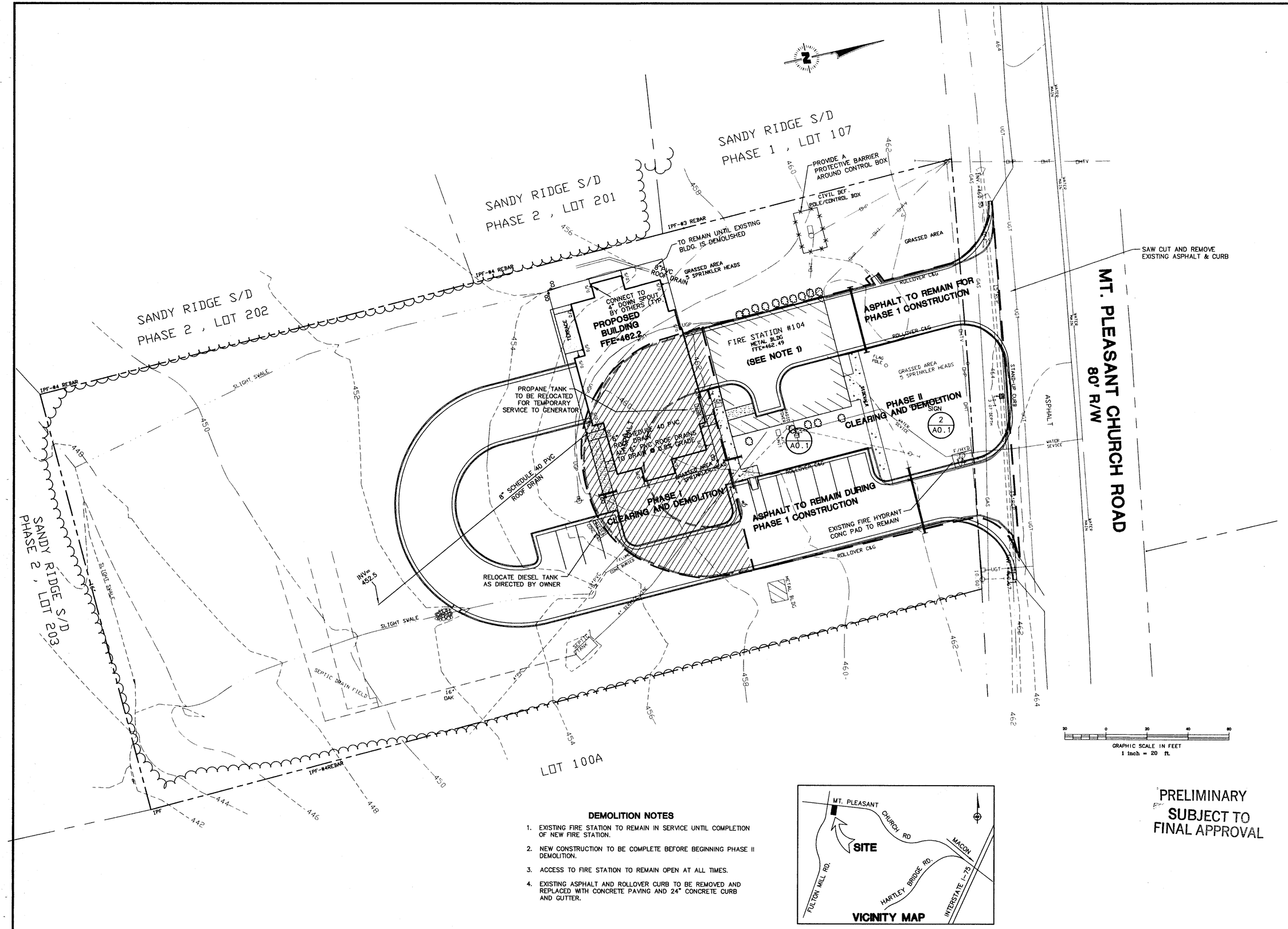
SCALE:
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 5'

DATE:	MARCH 24, 1998
DRAWING NO.	1391-98-D
PROJ. NO.:	1491-033-D1
DSGN:	MP
DRWN:	MP
CHKD:	RT
APVD:	RT
RLS No:	2202

SANITARY SEWER PLAN & PROFILE

SHEET 3 OF 8

H21SPPLT.DWG/20 PLOT DATE: 04/06/1998 BY: MITCH



DEMOLITION NOTES

1. EXISTING FIRE STATION TO REMAIN IN SERVICE UNTIL COMPLETION OF NEW FIRE STATION.
2. NEW CONSTRUCTION TO BE COMPLETE BEFORE BEGINNING PHASE II DEMOLITION.
3. ACCESS TO FIRE STATION TO REMAIN OPEN AT ALL TIMES.
4. EXISTING ASPHALT AND ROLLOVER CURB TO BE REMOVED AND REPLACED WITH CONCRETE PAVING AND 24" CONCRETE CURB AND GUTTER.

PRELIMINARY
SUBJECT TO FINAL APPROVAL

DONALDSON, GARRETT, & ASSOCIATES, INC.
MACON • CHARLOTTE
4875 RIVERSIDE DRIVE P.O. BOX 7306
MACON, GA 31210 MACON, GA 31209
(912)474-5350 Fax: (912) 477-2534
http://www.dg-a.com

GEORGIA REGISTERED No. 2202 LAND SURVEYOR RALPH A. TRUE

FIRE STATION NO. 104
MACON-BIBB COUNTY FIRE DEPARTMENT
MT. PLEASANT CHURCH ROAD MACON, GEORGIA

LAND LOT 12 4TH LAND DISTRICT
BIBB COUNTY GEORGIA

BRITTAIN THOMPSON BRAY BROWN INC.
ARCHITECTS PLANNERS
MACON, GEORGIA

REVISIONS	DATE

SCALE:
HORIZONTAL: NTS
VERTICAL: –

DATE: MARCH 24, 1998
DRAWING NO.
PROJ. NO.: 1491-034-D1
DSGN: RT
DRWN: WL
CHKD: RT
APVD: RT
RLS No: 2202

DEMOLITION PLAN

SHEET 4 OF 8

SOIL EROSION AND SEDIMENTATION CONTROL NOTES

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24 HOUR CONTACT

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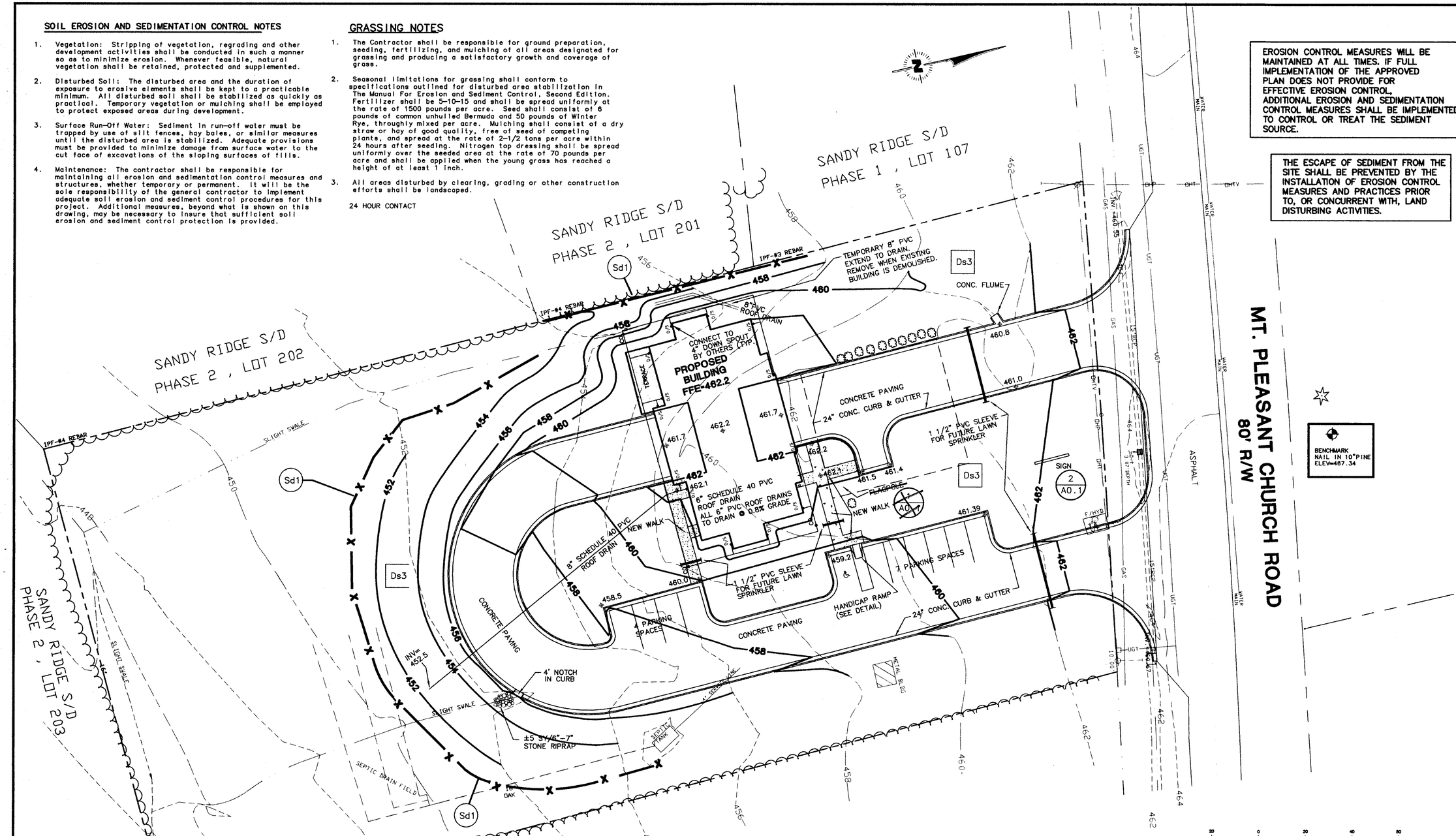

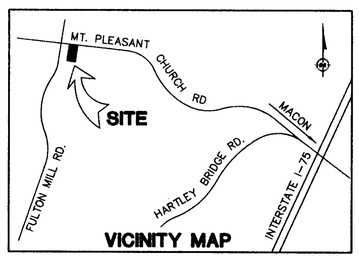

PRELIMINARY

SUBJECT TO FINAL APPROVAL

GEORGIA
UNIFORM CODING SYSTEM
FOR SOIL EROSION AND SEDIMENT CONTROL PRACTICES

Ds3	DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION)	Ds3	ESTABLISHING PERMANENT VEGETATIVE COVER SUCH AS TREES, SHRUBS, VINES, SOD OR LEGUMES ON DISTURBED AREAS
Sd1	SEDIMENT BARRIER	TYPE (indicate type)	A BARRIER TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION SITE. IT MAY BE SANDBAGS, BALES OF STRAW OR HAY, BRUSH, LOGS AND POLES, GRAVEL OR SEDIMENT FENCE. THE BARRIERS ARE USUALLY TEMPORARY AND INEXPENSIVE.

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(912)474-5395 FAX
http://www.dg-a.com

GEORGIA REGISTERED No. 2202 LAND SURVEYOR RALPH A. TRUE

FIRE STATION NO. 104
MACON-BIBB COUNTY FIRE DEPARTMENT
MT. PLEASANT CHURCH ROAD
MACON, GEORGIA

LAND LOT 12 4TH LAND DISTRICT
BIBB COUNTY GEORGIA

BRITTAIN THOMPSON BRAY BROWN INC.
ARCHITECTS PLANNERS
MACON, GEORGIA

REVISIONS | DATE

SCALE:
HORIZONTAL: NTS
VERTICAL: –

DATE: MARCH 24, 1998
DRAWING NO.
PROJ. NO.: 1491-034-D1
DSGN: RT
DRWN: WL
CHKD: RT
APVD: RT
RLS No: 2202

SOIL EROSION AND GRADING PLAN

SHEET 5 OF 8

PT #	NORTH	EAST	DESCRIPTION
2	5452.532	4778.415	"PROP COR"
3	5419.761	4985.830	"PROP COR"
4	5000.000	5000.000	"IRON PIN"
5	4992.915	4790.120	"1/2"REBAR"
6	5211.734	4784.497	"1/2"REBAR"
7	5306.705	4782.017	"3/8"REBAR"
8	5077.982	4997.610	"1/2"REBAR"
9	5435.612	4798.025	"RAD PT"
10	5435.565	4878.054	"RAD PT"
11	5355.732	4870.154	"RAD PT"
12	5320.717	4871.076	"RAD PT"
13	5346.074	4878.995	"BOC COR"
14	5331.062	4879.589	"BOC COR"
15	5206.488	4834.791	"BOC COR"
16	5207.278	4864.780	"BOC COR"
17	5208.068	4894.770	"RAD PT"
18	5208.764	4921.761	"RAD PT"
19	5211.302	4909.914	"BOC COR"
20	5261.789	4921.365	"RAD PT"
21	5303.569	4920.264	"RAD PT"
22	5309.026	4908.075	"BOC COR"
23	5381.113	4906.176	"BOC COR"
24	5387.428	4918.055	"RAD PT"
25	5431.659	4902.931	"RAD PT"
26	5405.898	4979.590	"RAD PT"
27	5300.472	4803.643	"BLDG COR"
28	5255.507	4805.423	"BLDG COR"
29	5258.910	4891.356	"BLDG COR"
30	5303.875	4889.575	"BLDG COR"
31	5255.268	4908.191	"BOC COR"

ALL DIMENSIONS AND COORDINATES ARE TO BACK OF CURB, OUTSIDE FACE OF BUILDING, OR CENTERLINE STRUCTURE UNLESS SPECIFIED OTHERWISE.

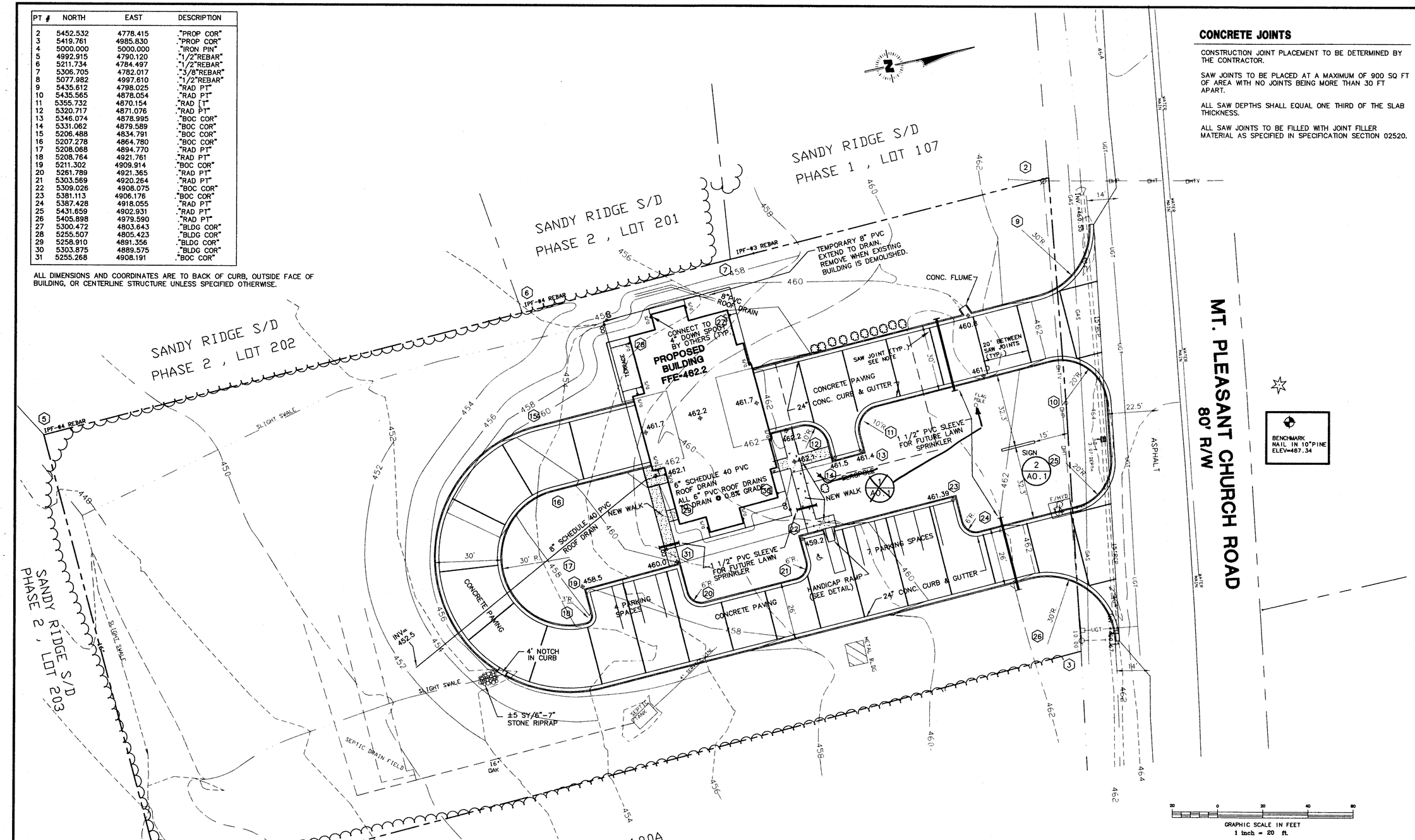
CONCRETE JOINTS

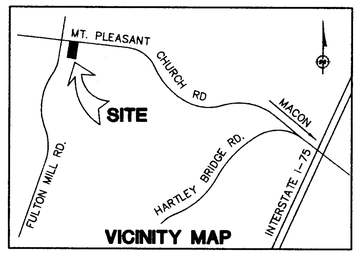
CONSTRUCTION JOINT PLACEMENT TO BE DETERMINED BY THE CONTRACTOR.

SAW JOINTS TO BE PLACED AT A MAXIMUM OF 900 SQ FT OF AREA WITH NO JOINTS BEING MORE THAN 30 FT APART.

ALL SAW DEPTHS SHALL EQUAL ONE THIRD OF THE SLAB THICKNESS.

ALL SAW JOINTS TO BE FILLED WITH JOINT FILLER MATERIAL AS SPECIFIED IN SPECIFICATION SECTION 02520.





PRELIMINARY

SUBJECT TO FINAL APPROVAL

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(912)474-4350 Fax: (912) 477-2534
http://www.dga.com

GEORGIA REGISTERED No. 2202 LAND SURVEYOR RALPH A. TRUE

BRITTAIN THOMPSON BRAY BROWN INC.
ARCHITECTS PLANNERS
MACON, GEORGIA

FIRE STATION NO. 104
MACON-BIBB COUNTY FIRE DEPARTMENT
MT. PLEASANT CHURCH ROAD MACON, GEORGIA

LAND LOT 12 4TH LAND DISTRICT
BIBB COUNTY GEORGIA

REVISIONS

DATE

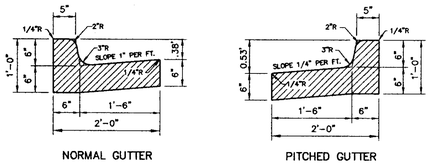
SCALE:
HORIZONTAL: NTS
VERTICAL: –

DATE: MARCH 24, 1998
DRAWING NO.
PROJ. NO.: 1491-034-D1
DSGN: RT
DRWN: WL
CHKD: RT
APVD: RT
RLS No: 2202

STAKING PLAN

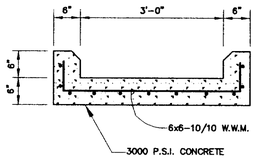
SHEET 6 OF 8

H20SP.DWG/20 PLOT DATE: 04/06/1998 BY: MITCH

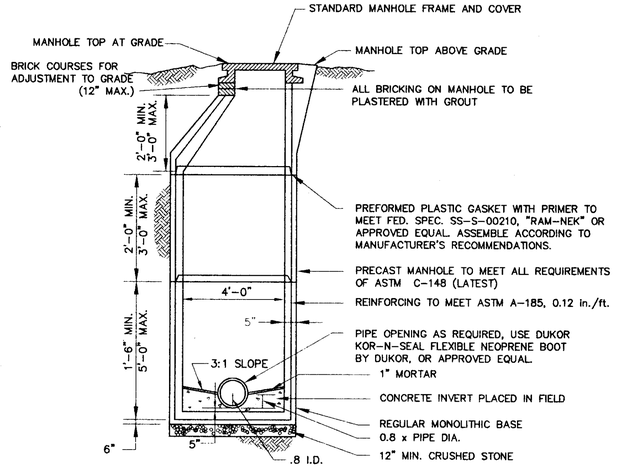


NOTES:
1. 1/2" PREFORMED EXPANSION JOINTS REQUIRED AT ALL STRUCTURES & CURB RETURNS.
2. MAXIMUM DISTANCE BETWEEN EXPANSION JOINTS = 40.0'.
3. DISTANCE BETWEEN DUMMY JOINTS = 10.0'.
4. CONCRETE STRENGTH – 3000 PSI; SLUMP 2"; FINISH SHALL BE SMOOTHED & EVENED WITH A WOODEN FLOAT.
5. PITCHED GUTTER TO BE USED WHERE PAVEMENT DRAINS AWAY FROM CURB AND NORMAL GUTTER TO BE USED WHERE PAVEMENT DRAINS TOWARD GUTTER.
6. FIVE FOOT LONG TRANSITIONS SHALL BE PROVIDED BETWEEN NORMAL GUTTER & PITCHED GUTTER.

(A) DETAIL - 24" CONCRETE CURB & GUTTER
N.T.S.

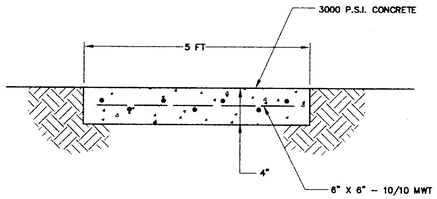


(D) CONCRETE FLUME DETAIL
N.T.S.

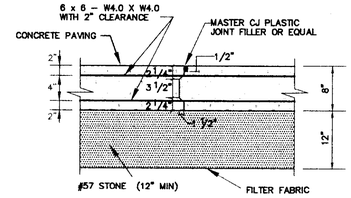


NOTE: ALL MANHOLES SHALL BE ECCENTRIC CONE TYPE.

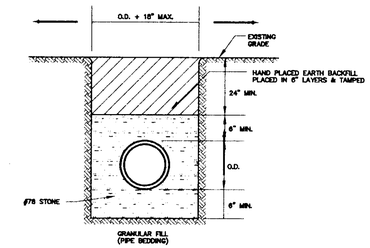
(G) DETAIL - PRECAST CONCRETE MANHOLE
N.T.S



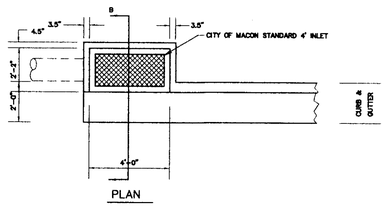
(B) DETAIL - SIDEWALK (TYP)
N.T.S.



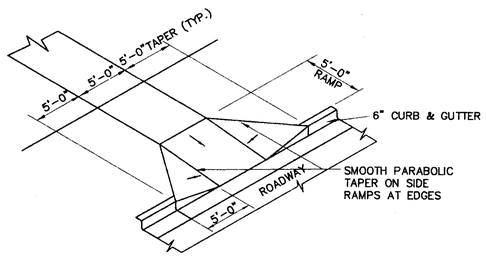
(E) CONCRETE PAVING DETAIL WITH CONSTRUCTION JOINT
N.T.S.



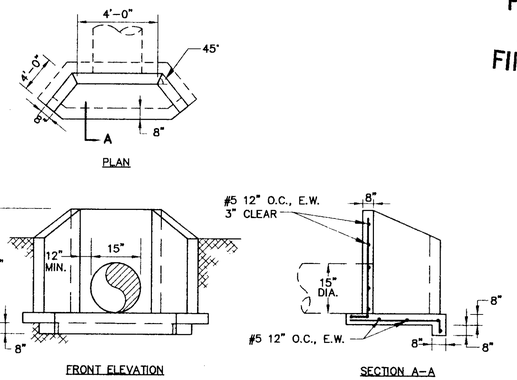
(H) P.V.C. SANITARY SEWER BEDDING DETAIL
N.T.S.



(F) CATCH BASINS TYPE "A" AND "B"
N.T.S.



(C) DETAIL - HANDICAP RAMP



(I) CONCRETE HEADWALL
N.T.S.

PRELIMINARY
SUBJECT TO FINAL APPROVAL

DONALDSON, GARRETT, & ASSOCIATES, INC.
MACON • CHARLOTTE
4875 RIVERSIDE DRIVE P.O. BOX 7306
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GEORGIA REGISTERED No. 2202 LAND SURVEYOR RALPH A. TRUE

FIRE STATION #103
MACON–BIBB COUNTY
FIRE DEPARTMENT
NORTHSIDE DRIVE
MACON, GA

LAND LOT 229 13TH LAND DISTRICT
BIBB COUNTY GEORGIA

BRITTAIN THOMPSON BRAY BROWN INC.
ARCHITECTS PLANNERS
MACON, GEORGIA

REVISIONS | DATE

SCALE:
HORIZONTAL: –
VERTICAL: –

DATE: MARCH 24, 1998
DRAWING NO. 1391–98–D
PROJ. NO.: 1491–033–d1
DSGN: MP
DRWN: MP
CHKD: RT
APVD: RT
RLS No: 2202

DETAILS

SHEET 7 OF 8

H21SPPLT.DWG/20 PLOT DATE: 04/06/1998 BY: MITCH

CONSTRUCTION NOTES:

1. Utility line construction and materials shall be in accordance with the specifications of the Macon Water Authority.

2. Refer to the architectural and plumbing plans for exact building dimensions and locations of utility services.

3. The Contractor shall comply with all pertinent provisions of the Manual of Accident Prevention in Construction issued by the Association of Contractors of America, Inc. and the Safety and Health Regulations for Construction issued by the U.S. Dept of Labor.

4. In easements, the Contractor shall protect and restore said property to a condition similar or equal to that existing at the commencement of construction.

5. The location of existing utilities, such as water mains, storm sewer, sanitary sewer, gas lines, etc. as shown on the plans have been determined from the best available information and are given for the convenience of the Contractor. However, the Engineer and Owner do not assume responsibility for the accuracy of the location shown. It shall be the Contractor's responsibility to contact all utility companies at least seventy-two (72) hours prior to commencement of construction and have their facilities located in the field. The contractor is responsible for verifying the exact location of existing utilities, public or private, shown hereon or not shown hereon.

6. The contractor shall notify the engineer of any discrepancies between the plan and field conditions.

7. All construction shall conform to the applicable Macon-Bibb County standards and specifications.

8. Prior to starting construction the General Contractor shall be responsible for verifying that all required permits and approvals have been obtained. No construction or fabrication of any item shall begin until the Contractor has received all plans and any other documentation from all of the permitting and other authorities. Failure of the Contractor to follow this procedure shall cause the Contractor to assume full responsibility for any subsequent modification of the work mandated by any regulatory authority.

9. The Contractor shall be responsible for the verification of all setbacks and or easements before beginning construction.

10. The Contractor shall notify all appropriate inspectors, applicable government authorities, and utility companies at least forty-eight (48) hours prior to commencing construction.

10A. As part of the site preparation, the site Contractor shall be responsible for the removal of building slabs, asphalt and concrete paving, utilities (or the relocation therof), and any other structures in order to begin the new construction. All debris shall be disposed of offsite in an appropriate manner.

11. All organic matter, other deleterious matter, and any existing concrete or asphalt paving shall be removed. Predensify the areas to be filled or upon which paving is to be placed. A loaded dump truck or other rubber-tired equipment shall be used for predensification. Overlapping passes of the vehicle shall be made across the site in one direction and then at right angles to the original direction of rolling. Any yielding, pumping or soft area shall be cut out and replaced with fill compacted as described as described in Note 13. Burying of the debris onsite is prohibited.

12. When unsuitable material is encountered during the course of construction, the Contractor shall immediately notify the Engineer and these areas will be stabilized according to the Soil Engineer's recommendation. Unsuitable material is any organic or inorganic material which by its nature cannot support the structures shown on the plans.

13. All paving and building subgrade areas shall be compacted in 6" layers to 97% the maximum dry density as determined in accordance with ASTM D698, current edition.

After the paving and building subgrade areas are compacted, the areas will be proof-rolled by driving a loaded, double-tandem dumptruck over the subgrade. Any yielding, pumping or soft area shall be cut out and replaced with fill compacted to the specifications stated in the preceding paragraph. A geotechnical engineering firm shall be retained to monitor the results of the proof-rolling and submit a report with recommendations to the owner.

14. The fill soil moisture content shall be maintained within 3% of the optimum moisture as determined in accordance with ASTM D698. In the event that the soil is too wet, harrowing, scarifying and aeration shall be used to dry the soils to within the required moisture content. If the soil is too dry, a water truck with spreader bar or spray hose shall be used to bring the soil to the proper moisture range. The water should be thoroughly and evenly mixed with the soil prior to compaction.

15. Concrete shall not be placed when atmospheric temperature is less than 40? F.

16. Concrete paving and base shall be in accordance with specification section 02520, Portland Cement Concrete Paving.

17. All striping paint is to be ARK-LA LINE or equal, and all striping shall meet D.O.T. standards.

18. All corrugated metal pipe shall be 16 gauge, helical corrugated pipe with 2-2/3"X1/2" corrugations and shall be fully bituminous coated. All pipes shall have rerolled ends and shall be connected with hugger type bands.

19. Equipment and materials shall be stored in areas designated by the owner. Construction and storage areas shall be kept neat and clean at all times.

20. A sufficient quantity of top soil shall be stockpiled onsite to be used in the final grading of the project.

21. Minimum cut-fill slopes shall be 2H:1V.

22. The Contractor shall install and maintain for the duration of the project all necessary barricades, lights, signs and traffic control devices for the protection and safety of the public.

23. The Contractor shall protect areas adjacent to the project from damage. All disturbed areas shall be returned to an acceptable condition.

24. Provisions to prevent the erosion of soil from the site shall be, as a minimum, in conformance with the requirements of the "The Erosion and Sediment Act of 1975", issued by the State of Georgia and the requirements as outlined by Bibb County.

25. All erosion and sedimentation control measures shall be installed prior to grading.

26. Prior to any construction, a stabilized construction entrance shall be constructed as shown on the plans.

27. The construction exit shall be maintained in a condition which will prevent tracking or flow of mud onto public right-of-way.

28. Immediately after the establishment of the construction entrance/exit, all perimeter erosion control devices and storm water management devices shall be installed.

29. During construction, the Contractor shall provide for adequate drainage and proper soil erosion control measures for protection of all drainage and sewer structures, and of all adjacent roads and lands. Positive drainage shall be provided during all phases of construction.

30. Additional erosion control measures will be employed where determined necessary by actual site conditions.

31. Contractor shall inspect erosion control measures at the end of each working day to ensure that these measures are functioning properly. All sediment control will be maintained until the permanent vegetation and all roads and parking areas have been paved.

32. Silt fence must meet the requirements of Section 171-Temporary Silt Fence for the Department of Transportation, State of Georgia, standard specification, 1982 edition.

33. Silt barriers shall be placed at the downstream toe of all cut and fill slopes.

34. All areas that will not be encompassed by the building, paving or landscaping shall be grassed as soon after construction as practical.

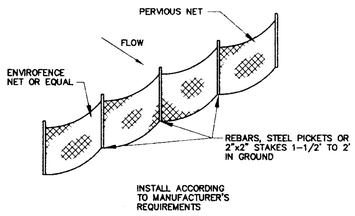
35. All exposed cut or fill slope, 4' and over, shall receive "Excelsior" Erosion Control Blanket stabilization, "Super Duty" Xcel or approved equal.

36. The Contractor shall remove accumulated silt in all temporary sediment basins at the end of construction when disturbed areas have been stabilized.

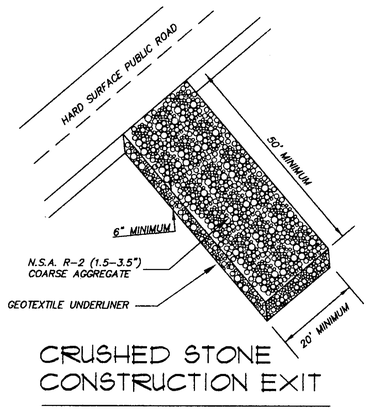
37. Detention pond, detention outlet structures, and temporary sediment pond features are to be constructed and fully operational prior to any other construction or grading.

38. All dimensions are to back of curb, or face of building.

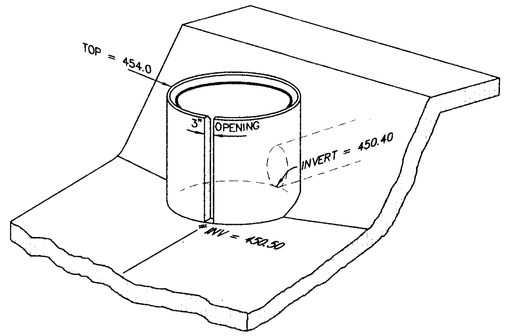
40. Owner/Developer's Representative:
Bob Brown
Brittain, Thompson, Bray, Brown, Inc.
609 Chery Street
Macon, GA 31201 (912) 746-1721



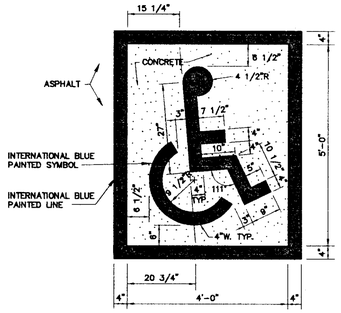
TEMPORARY SEDIMENT BARRIER
SILT FENCE
N.T.S.



CRUSHED STONE
CONSTRUCTION EXIT
NOT TO SCALE



J DETENTION POND OUTLET DETAIL
N.T.S.



HANDICAP PAINTED SYMBOL
N.T.S.

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DRAWING NO. 1391-98-D
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NOTES & DETAILS

SHEET 8 OF 8

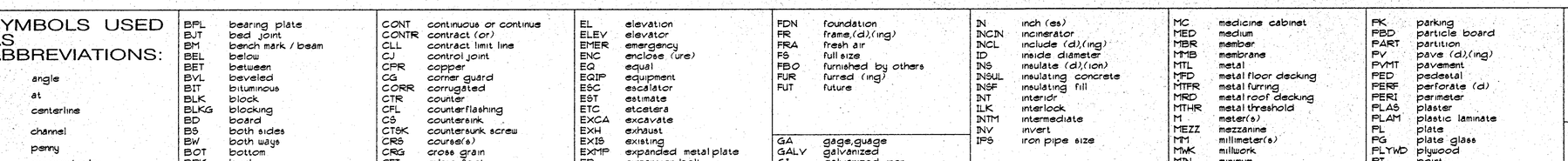
SYMBOLS USED AS ABBREVIATIONS:

L	angle
@	at
℄	centerline
C	channel
d	penny
⊥	perpendicular
PL	plate
# or LB	pound
⌀	round, diameter

ABBREVIATIONS:

ABV	above
AFF	above finished floor
ASC	above suspended ceiling
ACC	access
ACFL	access floor
AP	access panel
AC	acoustical
ACPL	acoustical plaster
ATC	acoustical tile ceiling
ACR	acrylic plastic
ADD	addendum
ADH	adhesive
ADJ	adjacent
ADJT	adjustable
AGG	aggregate
A/C	air conditioning
ALT	alternate
ALUM	aluminum
ANC	anchor, anchorage
AB	anchor bolt
ANOD	anodized
APPROX	approximate
ARCH	architect (ural)
AD	area drain
ASB	asbestos
ASPH	asphalt
AT	asphalt tile
AUTO	automactic
BOC	back of curb
BP	back plaster (ed)
BSMT	basement
BRG	bearing
BPL	bearing plate
BJT	bed joint
BM	bench mark / beam
BEL	below
BET	between
BVL	beveled
BIT	bituminous
BLK	block
BLKG	blocking
BD	board
BS	both sides
BW	both ways
BOT	bottom
BRK	brick
BRZ	bronze
BLDG	building
BUR	built up roofing
BBD	bulletin board
CAB	cabinet
CAD	cadmium
CPT	carpet (ed)
CSMT	casement
CI	cast iron
CIPC	cast-in-place concrete
CST	cast stone
CB	casing bead / corner bead
CB	catch basin
CK	calk (ing) caulk (ing)
CLG	ceiling
CLG HT	ceiling height
CEM	cement
PCPL	cement plaster (portland)
CTR	center
CM	centimeter(s)
CER	ceramic
C TILE	ceramic tile
CMT	ceramic mosaic (tile)
CHBD	chalkboard
CHAM	chamfer
CR	chromium (plated)
CIR	circle
CIRC	circumference
CLR	clear (ance)
COL	column
COMB	combination
COMPT	compartment
COMPO	composition (composite)
COMP	compres (ed),(ion),(ible)
CONC	concrete
CMU	concrete masonry unit
CX	connection
CONST	construction
CONT	continuous or continue
CONTR	contract (or)
CLL	contract limit line
CJ	control joint
CPR	copper
CG	corner guard
CORR	corrugated
CTR	counter
CFL	counterflashing
CS	countersink
CTSK	countersunk screw
CRS	course(s)
CRG	cross grain
CFT	cubic foot
CY	cubic yard
DPR	damper
DP	dampproofing
DL	dead load
DEG	degree
DEM	demolish, demolition
DMT	demountable
DEP	depressed
DTL	detail
DIAG	diagonal
DIA	diameter
DIM	dimension
DW	dishwasher
DPR	dispenser
DIV	division
DR	door
DBL	double
DA	doubleacting
DH	double hung
DTA	dovetail anchor
DTS	dovetail anchor slot
DN	down
DS	downspout
D	drain
DRB	drainboard
DT	drain tile
DWR	drawer
DWG	drawing
DF	drinking fountain
EA F	each face
EA	each
E	east
ELEC	electric (al)
EP	electrical panelboard
EWC	electric water cooler
EL	elevation
ELEV	elevator
EMER	emergency
ENC	enclose (ure)
EQ	equal
EQIP	equipment
ESC	escalator
EST	estimate
ETC	etcetera
EXCA	excavate
EXH	exhaust
EXIS	existing
EXMP	expanded metal plate
EB	expansion bolt
EJ	expansion joint
EXP	exposed
EXT	exterior
EIFS	exterior insulation and finish system
EXS	extra strong
FB	face brick
FOC	face of concrete
FOF	face of finish
FOM	face of masonry
FOS	face of studs
FF	factory finish
FAS	fasten, fastener
FT	feet or foot
FN	fence
FBD	fiberboard
FGL	fiberglass
FIN	finish (ed)
FFE	finished floor elevation
FFL	finished floor line
FA	fire alarm
FBRK	fire brick
FE	fire extinguisher
FEC	fire extinguisher cabinet
FHS	fire hose station
FPL	fireplace
FP	fireproof
FRC	fire-resistant coating
FRT	fire-retardant
FLG	flashing
FHMS	flathead machine screw
FHWS	flathead wood screw
FLEX	flexible
FLR	floor (ing)
FLCO	floor cleanout
FD	floor drain
FPL	floor plate
FLUR	fluorescent
FJT	flush joint
FTG	footing
FRG	forged
FDN	foundation
FR	frame, (d),(ing)
FRA	fresh air
FS	full size
FBO	furnished by others
FUR	furred (ing)
FUT	future
GA	gage, guage
GALV	galvanized
GI	galvanized iron
GP	galvanized pipe
GSS	galvanized steel sheet
GKT	gasket (ed)
GEN	general
GC	general contract (or)
GL	glass, glazing
GLB	glass block
GLF	glass fiber
GCMU	glazed concrete masonry units
GST	glazed structural tile
GB	grab bar
GD	grade, grading
GRN	granite
GVL	gravel
GF	ground face
GT	grout
GYP BD	gypsum board
GPL	gypsum lathe
GPPL	gypsum plaster
GYP T	gypsum tile
HH	handhole
HBD	hardboard
HDW	hardware
HWD	hardwood
HJT	head joint
HDR	header
HTG	heating
HVAC	heating/ventilating/air conditioning
HD	heavy duty
HT	height
HX	hexagonal
HES	high early-strength cement
HC	hollow core
HM	hollow metal
HK	hook(s)
HORIZ	horizontal
HB	hose bibb
IN	inch (es)
INCIN	incinerator
INCL	include (d),(ing)
ID	inside diameter
INS	insulate (d),(ion)
INSUL	insulating concrete
INSF	insulating fill
INT	interior
ILK	interlock
INTM	intermediate
INV	invert
IPS	iron pipe size
JAN	janitor
JT	joint
JTF	joint filler
JST	joist
KCPL	Keene's cement plaster
KPL	kickplate
KIT	kitchen
KO	knockout
LBL	label
LAB	laboratory
LAD	ladder
LB	lag bolt
LAM	laminate (d)
LAV	lavatory
LH	left hand
L	length
LT	light
LTC	light control
LTP	lightproof
LW	lightweight
LWC	lightweight concrete
LMS	limestone
LIN FT	linear feet
LTL	lintel
LL	live load
LVR	louver
LP	low point
MACH	machine
MB	machine bolt
MI	malleable iron
MH	manhole
MFR	manufacture (er)
MRB	marble
MAS	masonry
MO	masonry opening
MAT	material(s)
MAX	maximum
MECH	mechanic (al)
MC	medicine cabinet
MED	medium
MBR	member
MMB	membrane
MTL	metal
MFD	metal floor decking
MTFR	metal furring
MRD	metal roof decking
MTHR	metal threshold
M	meter(s)
MEZZ	mezzanine
MM	millimeter(s)
MWK	millwork
MIN	minimum
MIR	mirror
MISC	miscellaneous
MOD	modular
MLD	molding, moulding
MR	mop receptor
MT	mount (ed),(ing)
MOV	movable
MULL	mullion
NL	nailable
NAT	natural
NI	nickel
NR	noise reduction
NRC	noise reduction coefficient
NOM	nominal
NMT	nonmetallic
N	north
NIC	not in contract
NTS	not to scale
NO.	number
OBS	obscure
OC	on center(s)
OP	opaque
OPNG	opening
OJ	open-web joist
OPP	opposite
OPH	opposite hand
OPS	opposite surface
OD	outside diameter
OHMS	ovalhead machine screw
OHWS	oval head wood screws
OA	overall
OH	overhead
PNT	paint (ed)
PNL	panel
PB	panic bar
PTD	paper towel dispenser
PTR	paper towel receptor
PAR	parallel
PK	parking
PBD	particle board
PART	partition
PV	pave (d),(ing)
PVMT	pavement
PED	pedestal
PERF	perforate (d)
PERI	perimeter
PLAS	plaster
PLAM	plastic laminate
PL	plate
PG	plate glass
PLYWD	plywood
PT	point
PVC	polyvinyl chloride
PE	porcelain enamel
PTC	post-tensioned concrete
PCF	pounds per cubic foot
PLF	pounds per lineal foot
PSF	pounds per square foot
PSI	pounds per square inch
PCC	precast concrete
PFB	prefabricate (d)
PFN	prefinished
PRF	preformed
PRES	pressure
PSC	prestressed concrete
PROJ	projection
PL	property line
QT	quarry tile
RBT	rabbet, rebate
RAD	radius
RL	rail (ing)
RWC	rainwater conductor
RECPT	reception
REF	reference / refrigerator
RFL	reflect (ed),(ive),(or)
REG	register
REINF	reinforce (d),(ing)
RCP	reinforced concrete pipe
REM	remove
REQ	required
RES	resilient
RET	return
RA	return air
RVS	reverse (side)
REV	revision(s), revised
RH	right hand
ROW	right of way
R	riser
RVT	rivet
RD	roof drain
RFH	roof hatch
RFG	roofing
RM	room
RO	rough opening
RB	rubber base
RBT	rubber tile
RBL	rubble stone
SFGL	safety glass
SCHED	schedule (d)
SCN	screen
SNT	sealant
STG	seating
SEC	section
SECT	secretary
S/S	service sink
SHTH	sheathing
SHT	sheet
SG	sheet glass
SH	self, shelving
SHO	Shor (d),(ing)
SIM	similar
SKL	skylight
SL	sleeve
SC	solid core
SP	soundproof
S	south
SPC	spacer
SPK	speaker
SPL	special
SPEC	specification(s)
SQ	square
SF	square foot or feet
SS	stainless steel
STD	standard
STA	station
ST	steel
STR	stringer
STO	storage
SD	storm drain
STRUCT	structural
SCT	structural clay tile
SUSP	suspended
SYM	symmetry (ical)
SYN	synthetic
SYS	system
TKBD	tackboard
TKS	tackstrip
TEL	telephone
TV	television
TEMP.	temper (ed) / tempo / temporary
TC	terra cotta
TZ	terrazzo
THK	thick (ness)
THR	threshold
TOIL	toilet
TPTN	toilet partition
TPD	toilet paper dispenser
TOL	tolerance
T&G	tongue and groove
TOC	top of curb
TSL	top of slab
TST	top of steel
TW	top of wall
TB	towel bar
TR	transom
T	tread
TRTD	treated
TYP	typical
UC	undercut
UNF	unfinished
UNO	unless noted otherwise
UR	urinal
VJ	v-joint (ed)
VB	vapor barrier
VAR	varnish
VNR	veneer
VRM	vermiculite
VERT	vertical
VG	vertical grain
VIN	vinyl
VCT	vinyl composition tile
VB	vinyl base
VWC	vinyl wall covering
VT	vinyl tile
WSCT	wainscot
WTW	wall to wall
WC	water closet / wall covering
WH	water heater
WP	waterproofing
WR	water repellent
WS	waterstop
WT	weight
WWF	welded wire fabric
W	west
WHB	wheel bumper
W	width, wide
WIN	window
WG	wired glass
WM	wire mesh
W/	with
W/O	without
WD	wood
WB	wood base
WPT	working point
WI	wrought iron

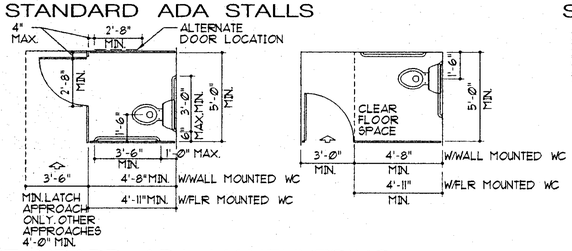
TYPICAL ADA MOUNTING HEIGHTS



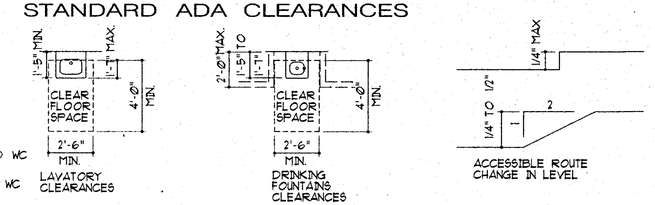
NOTE: X IS THE 1'-0" MIN. HANDRAIL EXTENSION REQUIRED AT EACH TOP RISER

Y IS THE MIN. HANDRAIL EXTENSION OF 1'-0" PLUS THE WIDTH OF ONE TREAD THAT IS REQUIRED AT EACH BOTTOM RISER.

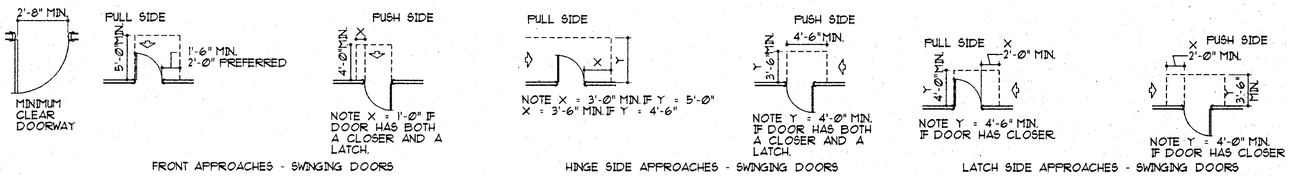
STANDARD ADA STALLS



STANDARD ADA CLEARANCES



STANDARD ADA MANEUVERING CLEARANCES AT DOORS



ADA NOTES :

1. ALL HANDICAPPED ACCESSORIES AND FIXTURES SHALL CONFORM TO THE "AMERICANS WITH DISABILITIES ACT OF 1990".
2. THE FOLLOWING NOTES FROM THE ADA GUIDELINS SHALL BE USED

4.13.9 DOOR HARDWARE. HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES ON ACCESSIBLE DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING OR TWISTING OF THE WRIST TO OPERATE. LEVER - OPERATED MECHANISMS, PUSH-TYPE MECHANISMS, AND U-SHAPED HANDLES ARE ACCEPTABLE DESIGNS. WHEN SLIDING DOORS ARE FULLY OPEN, OPERATING HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH SIDES. HARDWARE REQUIRED FOR ACCESSIBLE DOOR PASSAGE SHALL BE MOUNTED NO HIGHER THAT 4'-0" ABOVE FINISHED FLOOR.

4.13.10 DOOR CLOSER. IF A DOOR HAS A CLOSER, THEN THE SWEEP PERIOD OF THE CLOSER SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 70 DEGREES, THE DOOR WILL TAKE AT LEAST 3 SECONDS TO MOVE TO A POINT 3 IN FROM THE LATCH, MEASURED TO THE LEADING EDGE OF THE DOOR.

4.13.11 DOOR OPENING FORCE. THE MAXIMUM FORCE FOR PUSHING AND PULLING OPEN A DOOR SHALL BE AS FOLLOW:

(1) FIRE DOORS SHALL HAVE THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY.

(2) OTHER DOORS.

(A) EXTERIOR HINGED DOOR: (RESERVED).

(B) INTERIOR HINGED DOORS: 5 LBF.

(C) SLIDING OR FOLDING DOORS: 5 LBF.

THESE FORCES DO NOT APPLY TO THE FORCE REQUIRED TO RETRACT LATCH BOLTS OR DISENGAGE OTHER DEVICES THAT MAY HOLD THE DOOR IN A CLOSED POSITION.

4.15.3 SPOUT LOCATION. THE SPOUTS OF DRINKING FOUNTAINS AND WATER COOLERS SHALL BE AT THE FRONT OF THE UNIT AND SHALL DIRECT THE WATER FLOW IN A TRAJECTORY THAT IS PARALLEL OR NEARLY PARLLEL TO THE FRONT OF THE UNIT. THE SPOUT SHALL PROVIDE A FLOW OF WATER AT LEAST 4" HIGH SO AS TO ALLOW THE INSERTION OF A CUP OR GLASS UNDER THE FLOW OF WATER. ON AN ACCESSIBLE DRINKING FOUNTAIN WITH A ROUND OR OVAL BOWL, THE SPOUT MUST BE POSITIONED SO THE FLOW OF WATER IS WITHIN 3" OF THE FRONT EDGE OF THE FOUNTAIN.

4.16.6 DISPENSERS. TOILET PAPER DISPENSERS SHALL BE INSTALLED WITHIN REACH, (FIG.29(B)) (AS SHOWN ON WATER CLOSET DRAWING THIS SHEET). DISPENSERS THAT CONTROL DELIVERY, OR THAT DO NOT PERMIT CONTINUOUS PAPER FLOW, SHALL NOT BE USED.

4.17.5 DOORS. TOILET STALL DOORS, NCLUDING DOOR HARDWARE, SHALL COMPLY WITH 4.13. IF TOILET STALL APPROACH IS FROM THE LATCH SIDE OF THE STALL DOOR, CLEARANCE BETWEEN THE DOOR SIDE OF THE STALL AND ANY OBSTRUCTION MAY BE REDUCED TO A MINIMUM OF 3'-6" (FIG.30).

4.18 URINALS.

4.18.1 GENERAL. ACCESSIBLE URINALS SHALL COMPLY WITH 4.18.

4.18.2 HEIGHT. URINALS SHALL BE STALL-TYPE OR WALL-HUNG WITH AN ELONGATED RIM AT A MAXIMUM OF 1'-5" ABOVE THE FINISH FLOOR.

4.18.3 CLEAR FLOOR SPACE. A CLEAR FLOOR SPACE 2'-6" BY 4'-0" SHALL BE PROVIDED IN FRONT OF URINALS TO ALLOW FORWARD APPROACH. THIS CLEAR SPACE SHALL SDJOIN OR OVERLAP AN ACCESSIBLE ROUTE AND SHALL COMPLY WITH 4.2.4. URINAL SHIELDS THAT DO NOT EXTEND BEYOND THE FRONT EDGE OF THE URINAL RIM MAY BE PROVIDED WITH 2'-5" CLEARANCE BETWEEN THEM.

4.18.4 FLUSH CONTROLS. FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC, AND SHALL COMPLY WITH 4.27.4, AND SHALL BE MOUNTED NO MORE THAN 3'-8" ABOVE THE FINISH FLOOR.

4.19.4 EXPOSED PIPES AND SURFACES. HOT WATER AND DRAIN PIPES UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.

4.19.5 FAUCETS. FAUCETS SHALL COMPLY WITH 4.27.4. LEVER-OPERATED, PUSH-TYPE, AND ELECTRONICALLY CONTROLLED MECHANISMS ARE EXAMPLES OF ACCEPTABLE DESIGNS. IF SELF-CLOSING VALVES ARE USED THE FAUCET SHALL REMAIN OPEN FOR AT LEAST 10 SECONDS.

4.27.4 OPERATION. CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 LBF.

SYMBOLS

SYMBOL	USE	SYMBOL	USE	SYMBOL	USE
123	ROOM NUMBERS	VW3	INTERIOR WINDOW TAGS	B A C D	INTERIOR ELEVATIONS
F-1	FINISH TYPE TO BE USE W/ RMNUM		DETAILS TITLES		
10'-10"	CEILING HEIGHT TO BE USED W/ RMNUM		DETAIL CUT MARKS		
25	DOOR TAGS				
B	EXTERIOR WINDOW TAGS				

MATERIAL INDICATIONS

PLAN	SECTION			
MTL STUDS	BRICK	CONCRETE	CONCRETE BLOCK	CAVITY INSULATION
WOOD STUDS	CONCRETE	EARTH	CERAMIC TILE, ACOUS TILE	PLYWOOD
CONC BLOCK	1 HR. WALL	FILL, GRAVEL	QUARRY TILE	WOOD BLOCKING
	2 HR WALL	SAND, STUCCO, GYP, PRECAST	STEEL, METAL	BRICK
	STUD WALL W/ SOUND DEADN'G BOARD EA SIDE	WOOD	BATT INSULATION	ACOUSTICAL TILE
			ROOF INSULATION	

GEORGIA REGISTERED NO. 2047 PROFESSIONAL ARCHITECT CHARLES S. THOMPSON

FIRE STATION FOR MACON-BIBB CO. FIRE DEPARTMENT

MACON, GEORGIA

GENERAL INFORMATION

BRITTAIN THOMPSON BRAY BROWN INC.

ARCHITECTS PLANNERS

Charles H. Brittain AIA
C. Sumner Thompson AIA
E. Riley Bray AIA
Robert W. Brown AIA-ASLA

MACON, GEORGIA

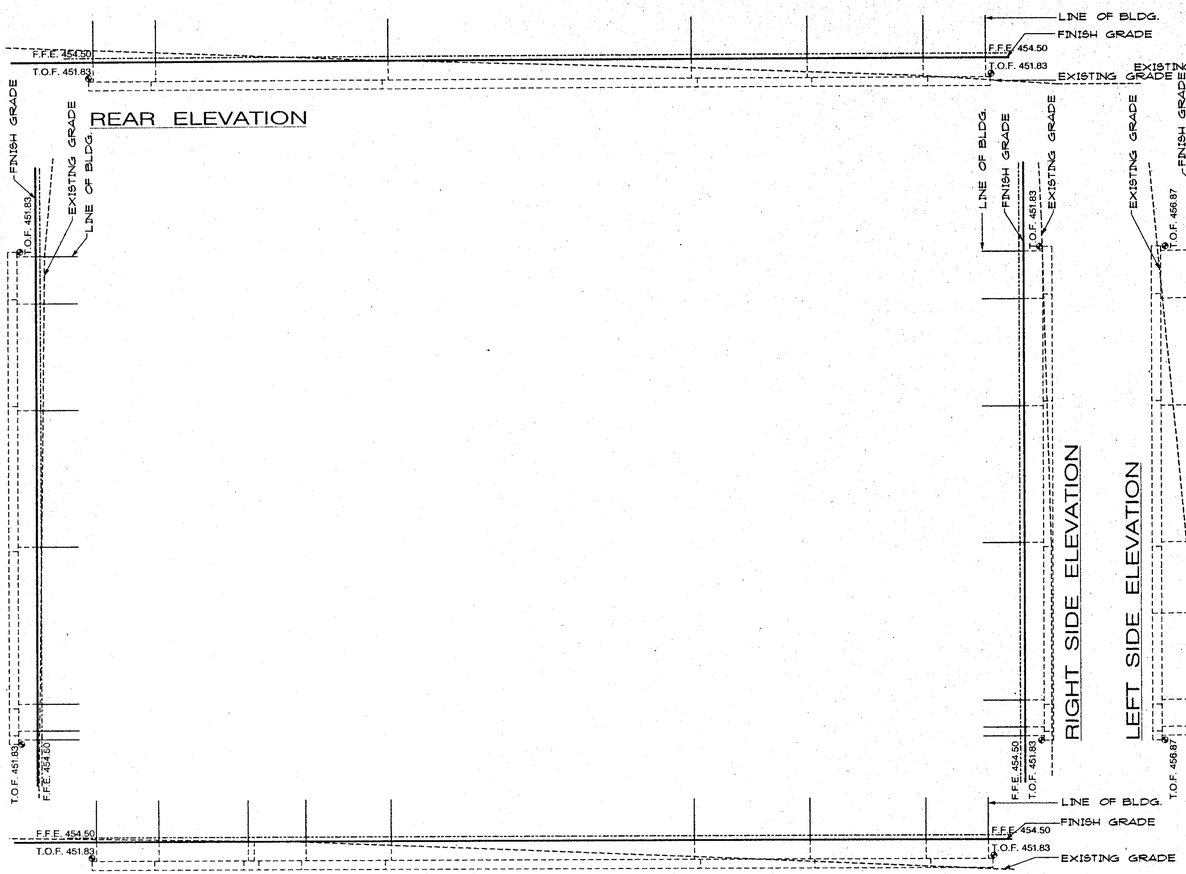
SHEET No. G-1

OF

DATE: 4 MAR. 1998

REVISED:

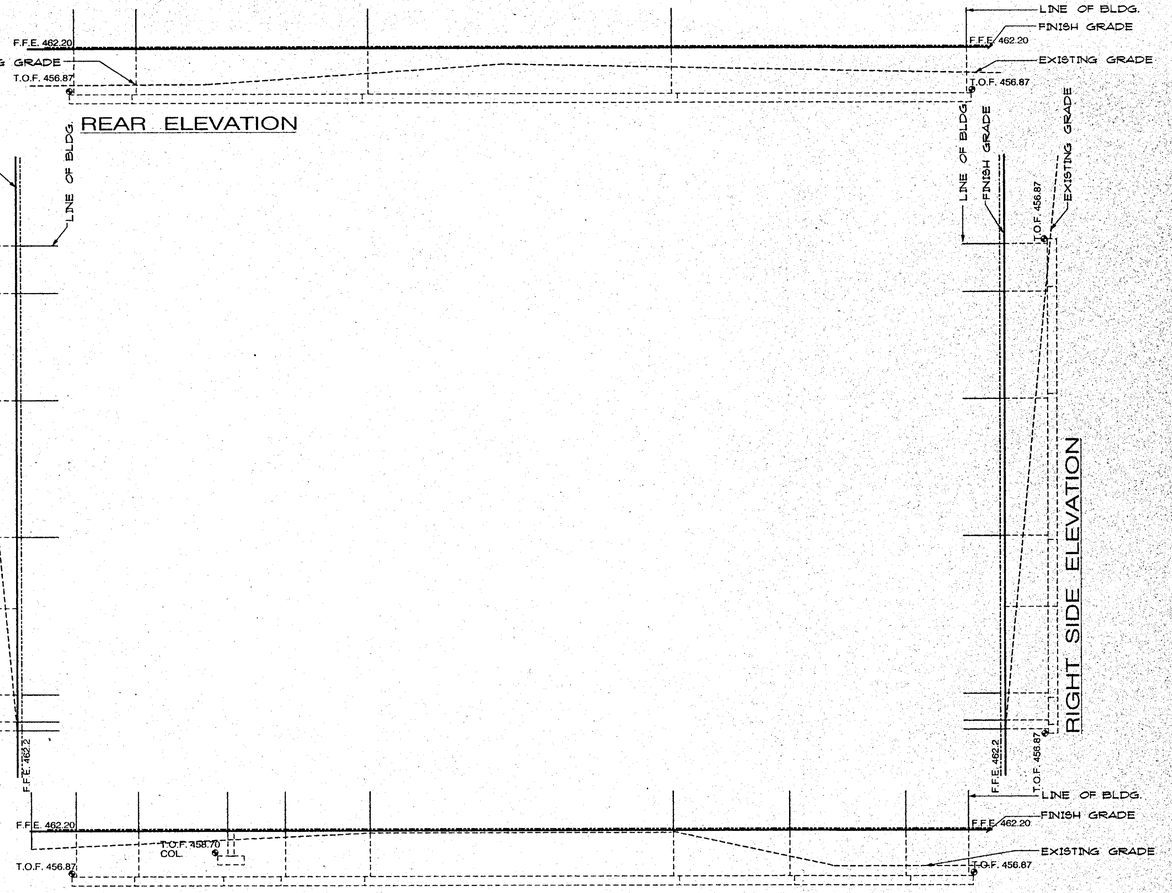
PROJECT No. 97-027



NORTHSIDE DRIVE SITE

FOOTING PROFILES

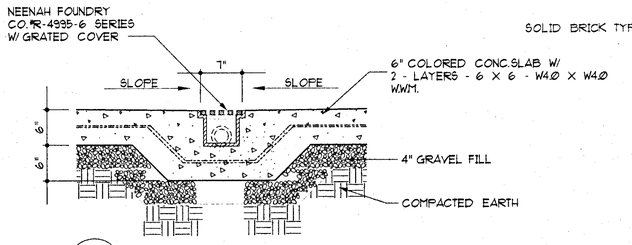
1 / 8" = 1'-0"



MT. PLEASANT CHURCH ROAD SITE

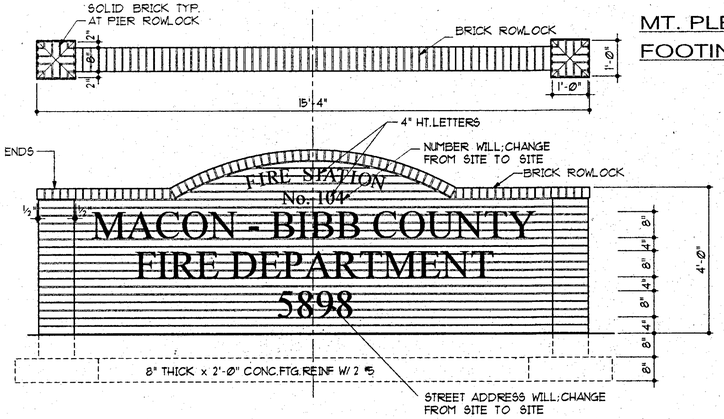
FOOTING PROFILES

1 / 8" = 1'-0"



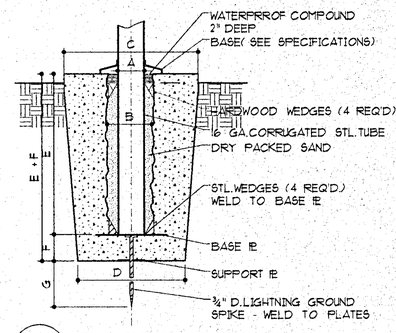
3 / A0.1 TRENCH DRAIN DETAIL

1" = 1'-0"



2 / A0.1 BUILDING SIGN

1/2" = 1'-0"



1 / A0.1 FLAGPOLE FOUNDATION

3/4" = 1'-0"

SEE SCHEDULE OF DIMENSIONS - FLAGPOLES

SCHEDULE OF DIMENSIONS – FLAGPOLE (CONE TAPERED ALUMINUM)

POLE LENGTH (FT.)		FOUNDATION DIMENSIONS								
EXPOSED HEIGHT	TOTAL LENGTH	A	B	C	D	E	F	G	E + F	BASE PLATE	SUPPORT PLATE
30	33	6	10	30	24	36	6.25	6.25	42.25	16 x 16 x .25	6 x 6 x .25

NOTE:
REQUIRED ON NORTHSIDE DRIVE STATION 103 SITE ONLY

NOTES:

1.) CONSTRUCT SIGN FROM FACE BRICK, 8" THICK.

2.) TOP OF SIGN TO BE LEVEL. MINIMUM 4'-0" ABOVE FIN. GRADE.

3.) SIGN TO DOUBLE FACED (LETTERS BOTH SIDES).

4.) LETTERS TO BE CAST ALUMINUM, UPPER CASE, 4" & 8" HIGH AS SHOWN AND SHALL BE EQUAL TO ARCHITECTURAL 333 (PRISMATIC FACE) WITH TYPE FMC-1 MOUNTING AS MANUFACTURED BY ANDCO INDUSTRIES CORPORATION, GREENSBORO, NC. FINISH TO BE BAKED ENAMEL IN COLOR AS SELECTED BY THE ARCHITECT FROM MANUFACTURER'S STANDARD COLORS.

BUILDING SIGN & FLAGPOLE & FOOTING PROFILES

FIRE STATION
FOR MACON-BIBB CO. FIRE DEPARTMENT

MACON, GEORGIA

GEORGIA REGISTERED NO. 2047 PROFESSIONAL ARCHITECT CHARLES S. THOMPSON

BRITTAIN THOMPSON BRAY BROWN INC.

ARCHITECTS PLANNERS

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C. Sammy Thompson AIA
E. Riley Bray AIA
Robert W. Brown AIA/ASLA

MACON, GEORGIA

SHEET No. A0.1

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DATE:

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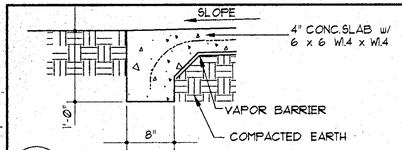
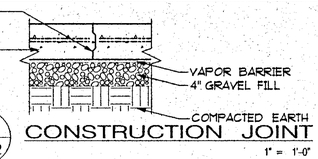
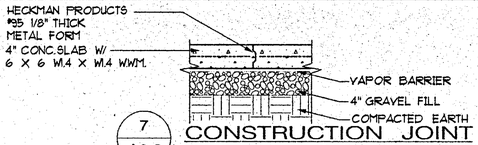


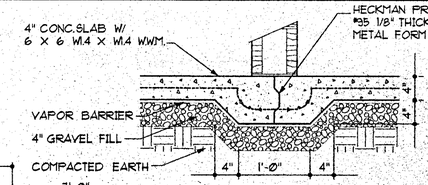
9 A0.2 TURN DOWN SLAB 1" = 1'-0"



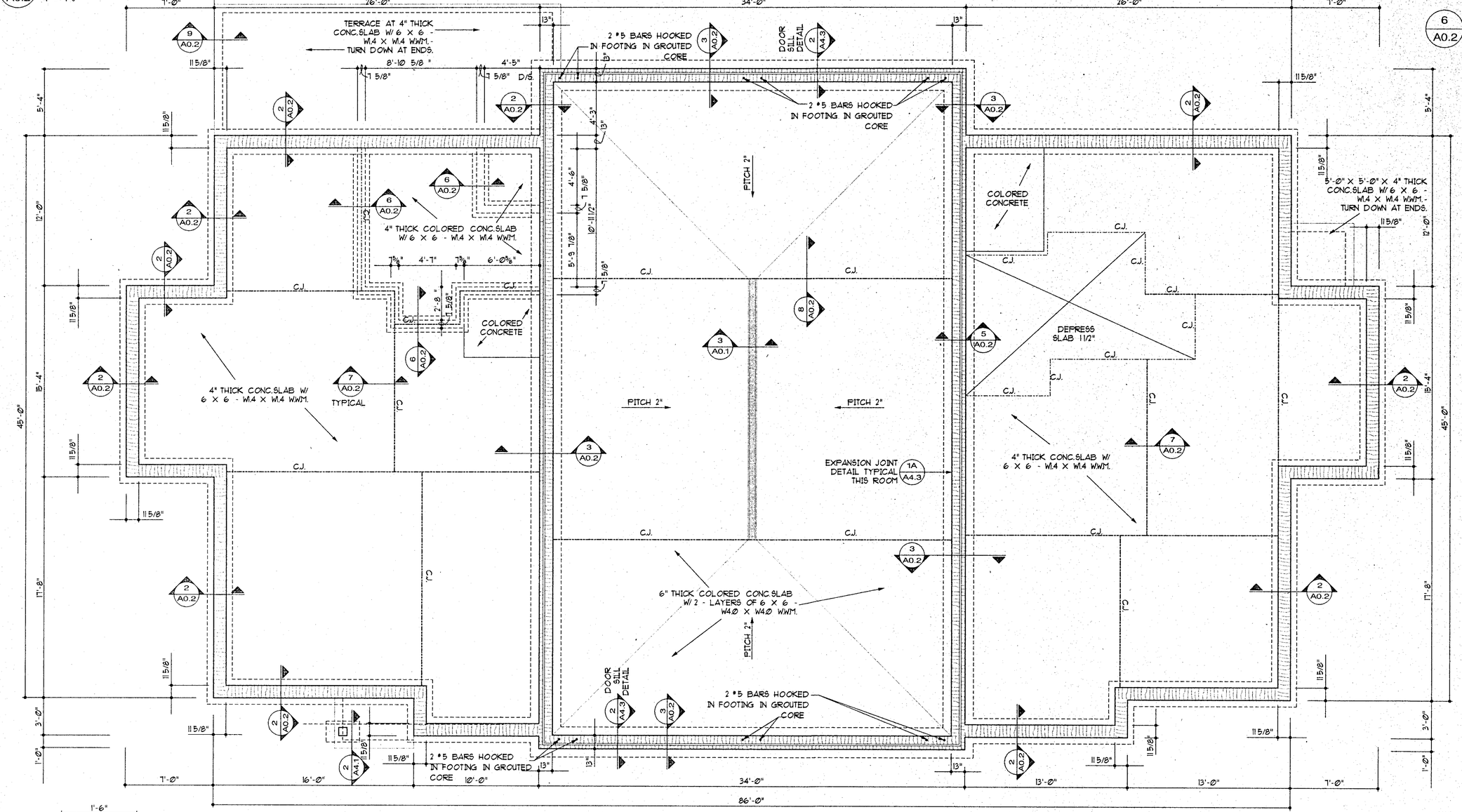
8 A0.2 CONSTRUCTION JOINT 1" = 1'-0"



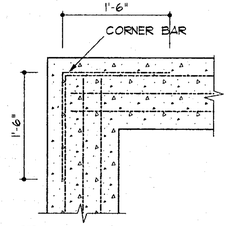
7 A0.2 CONSTRUCTION JOINT 1" = 1'-0"



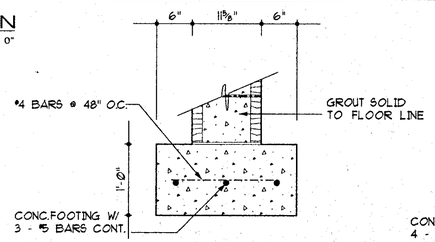
6 A0.2 DETAIL 1" = 1'-0"



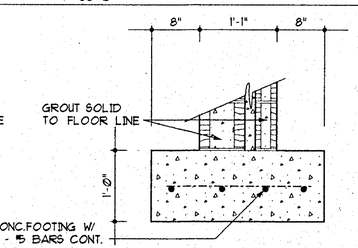
FOUNDATION PLAN 1/4" = 1'-0"



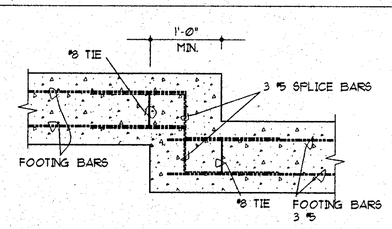
1 A0.2 FOOTING CORNER REINF. 1" = 1'-0"



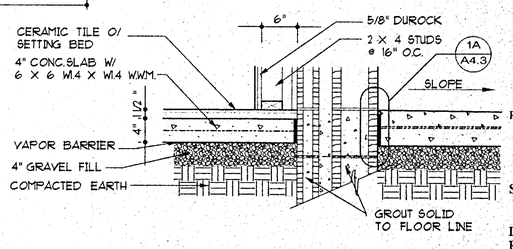
2 A0.2 CONC. FOOTING DETAIL 1" = 1'-0"



3 A0.2 CONC. FOOTING DETAIL 1" = 1'-0"



4 A0.2 FOOTING STEP 1" = 1'-0"



5 A0.2 DEPRESSED SLAB 1" = 1'-0"

$DATE$
$FILE$

GEORGIA REGISTERED NO. 2047 PROFESSIONAL ARCHITECT CHARLES S. THOMPSON

FIRE STATION FOR MACON-BIBB CO. FIRE DEPARTMENT

MACON, GEORGIA

FOUNDATION PLAN & DETAILS

BRITTAIN THOMPSON BRAY BROWN INC.

ARCHITECTS PLANNERS

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C. Sammy Thompson AIA
E. Riley Bray AIA
Robert W. Brown AIA/ASLA

MACON, GEORGIA

SHEET No. A0.2 OF _____

DATE:
REVISED:

PROJECT No. 97-027

GEORGIA REGISTERED NO. 2147 PROFESSIONAL ARCHITECT CHARLES S. THOMPSON

FIRE STATION
MACON-BIBB CO. FIRE DEPARTMENT
MACON, GEORGIA

FOR MACON-BIBB CO. FIRE DEPARTMENT

FLOOR PLAN

BRITTAIN THOMPSON GRAY BROWN INC.

ARCHITECTS PLANNERS

Charles S. Brittain AIA
G. Thomas Thompson AIA
F. Gray Brown AIA
Robert W. Brown AIA/AIA

MACON, GEORGIA

SHEET No. A1.1
OF
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REVISED:
PROJECT No. 97-067

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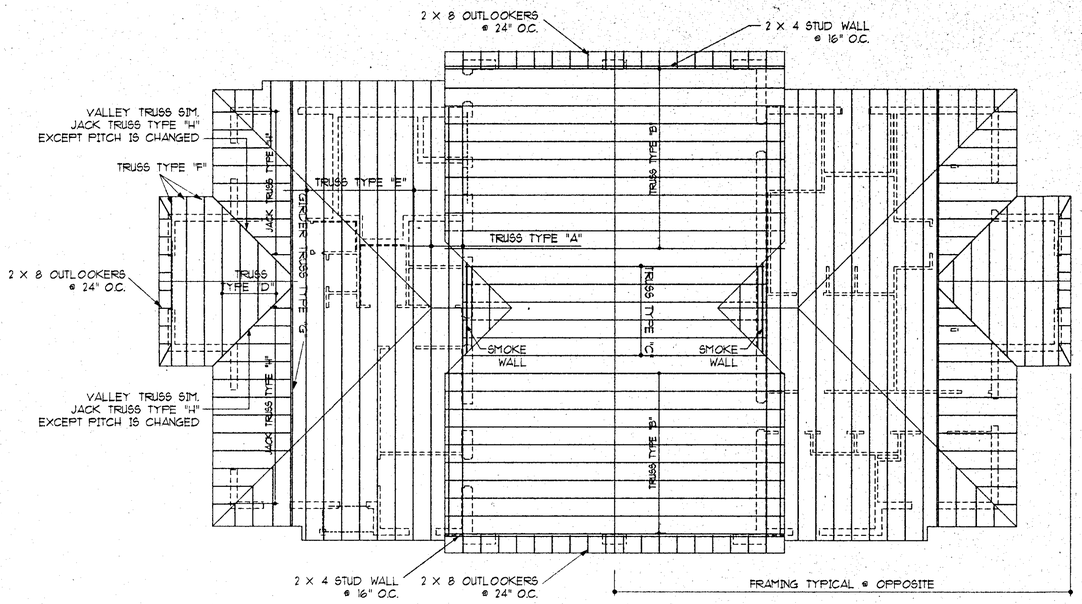
FLOOR PLAN
1/4" = 1'-0"

1/A1.1 SOUNDWALL DTL.
1" = 1'-0"

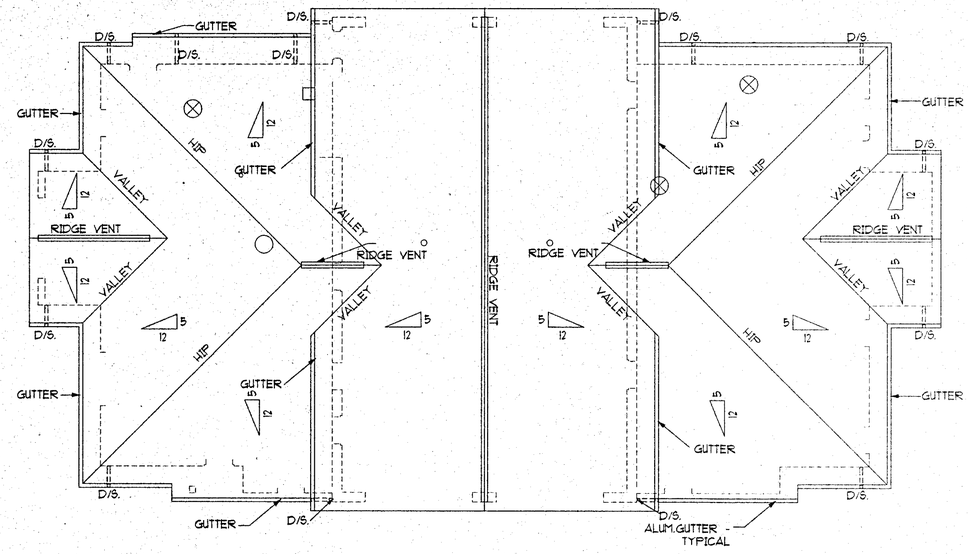
LEGEND:

- CONCRETE
- 8" CONCRETE BLOCK W / 1" RIGID INSULATION/ NOTE: INSULATION IS REQUIRED ONLY ON SURFACE EXPOSED TO EXTERIOR
- MASONRY REINF. @ 16" O.C. VERT./ FACE BRICK
- 8" CONC. BLOCK & 4" CONC. BLOCK W / 1" RIGID INSULATION & MASONRY REINFORCING AT 16" O.C. VERT./ (7/8" MTL. FURRING W / 5/8" GYP. BD. WHERE INDICATED ON PLAN.)
- 2 X 4 WD. STUD WALLS W/ 1" RIGID INSULATION/ 5/8" GYP. BD. / MASONRY TIES / FACE BRICK
- WOOD STUD WALLS @ 16" O.C. W / 5/8" GYP. BD. – EA. SIDE – SOUND BLANKETS
- R / F DRINKING FOUNTAIN
- D / S DOWNSPOUT
- F.E. FIRE EXTINGUISHER



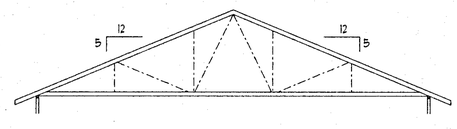
ROOF FRAMING PLAN – MAXIMUM SPACING OF TRUSS RAFTER = 24" O.C.

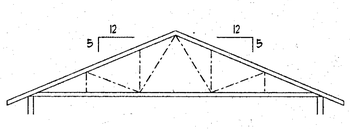
1/8" = 1'-0"

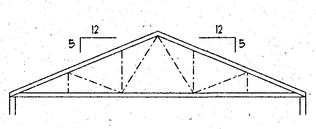


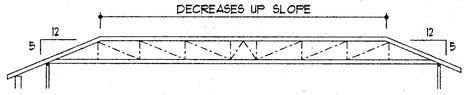
ROOF PLAN

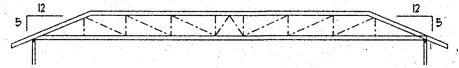
1/8" = 1'-0"











TRUSS RAFTER DIAGRAMS

NO SCALE

TRUSS RAFTER DESIGN NOTES:

1.) TRUSS RAFTER ELEVATIONS ARE DIAGRAMMATIC ONLY AND ARE NOT INTENDED TO LIMIT CONFIGURATION OR DESIGN MIN. SIZES OF MEMBERS SHALL BE 2 X 6 FOR TOP AND BOTTOM CHORD AND 2 X 4 FOR WEB MEMBERS MIN. GRADE NO. 2 SYP: MOSITURE CONTENT = 19%

2.) ALL WOOD MEMBERS FOR TRUSS RAFTERS SHALL HAVE MIN. UNIT STRESSES FOLLOWS:
FB = 1450 X 1.33 (WIND) = 1929 PSI
FC = 1200 X 1.33 (WIND) = 1600 PSI

3.) DESIGN LOADS: LIVE LOAD = 20 PSF
DEAD LOAD = 10 PSF
D.L. CLG. = 10 PSF

4.) TRUSS RAFTERS SHALL BE 24" O/C.

5.) CAMBER BOTTOM CHORD AS REQUIRED

6.) FABRICATOR SHALL SUBMIT DESIGN DATA AND SHOP DRAWINGS FOR REVIEW BY ARCHITECT BEFORE FABRICATOR. FABRICATOR SHALL BE RESPONSIBLE FOR DESIGN OF MEMBER SIZES AND CONNECTIONS. SHOP DWGS. AND DESIGN DATA TO BE STAMPED BY AN ENGINEER REGISTERED IN THE STATE OF GEORGIA.

7.) CONNECTIONS SHALL BE A MIN. OF 20 GA. MTL.

8.) TRUSS RAFTERS SHALL BE PLUMBED AND X-BRACED WITH 1 X 4'S AS ERECTED. BOTTOM CHORD SHALL HAVE 1 X 4 LATERAL BRACING SPACED A MAX. OF 10'-0" O/C. BRACING SHALL BE SHOWN ON RAFTER SHOP DRAWINGS.

9.) PITCHED TOP CHORD: TOP MEMBER MAY BE TAPERED OR TAPERED STRIP MAY BE APPLIED TO FLAT TOP CHORDS TO EFFECT ROOF SLOPE SHOWN.

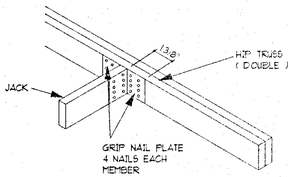
10.) HVAC DUCTWORK RUNS WITHIN ATTIC SPACE. CONTRACTOR SHALL COORDINATE DUCTWORK TRUNK LINE RUNS WITH TRUSS WEB CONFIGURATION. FIELD CUTTING OF TRUSS MEMBERS WILL NOT BE ALLOWED.

11.) GIRDER TRUSSES SHALL BE CARRY LOADS GENERATED BY ADDITIONAL ATTACHED TRUSSES. WHERE SUCH TRUSSES ARE REQUIRED BY LOAD TO BE MULTI-LAYER. BOLT TOGETHER W/ 1/2" DIA. BOLTS @ 4'-0" O/C. MAXIMUM. MINIMUM SIZE OF GIRDER TRUSS TOP & BOTTOM CHORD SHALL BE 2x8.

1 A1.2 VALLEY FRAMING

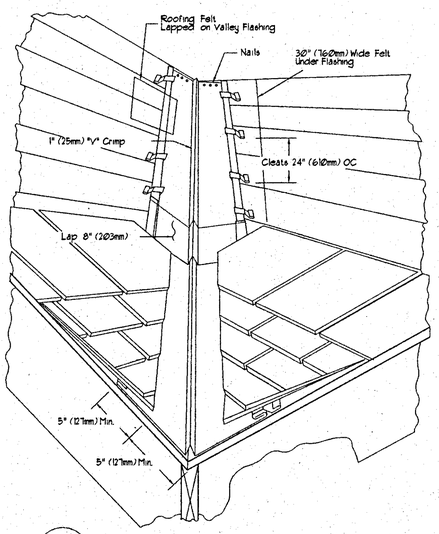
NO SCALE

NOTE: CONTRACTOR MAY PROVIDE TRUSS IN LIEU OF CONVENTIONAL JACK FRAMING



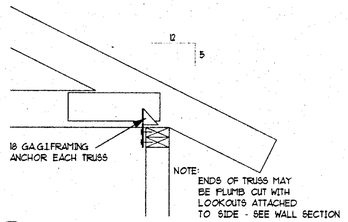
2 A1.2 JACK TO HIP DETAIL

NO SCALE



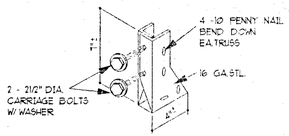
5 A1.2 VALLEY FLASHING

NO SCALE



3 A1.2 HEEL DETAIL

NO SCALE



4 A1.2 TYP. HANGER FOR TRUSS TO GIRDER CONNECTION

NO SCALE

GEORGIA REGISTERED NO. 2047 PROFESSIONAL ARCHITECT CHARLES A. THOMPSON

FIRE STATION
MACON-BIBB CO. FIRE DEPARTMENT
MACON, GEORGIA

FOR

ROOF PLAN, ROOF FRAMING & DETAILS

BRITTAIN THOMPSON BRAY BROWN INC.

ARCHITECTS PLANNERS

Charles H. Brittain AIA
C. Stuart Thompson AIA
L. Riley Bray AIA
Robert W. Brown AIA
MACON, GEORGIA

SHEET No. A1.2

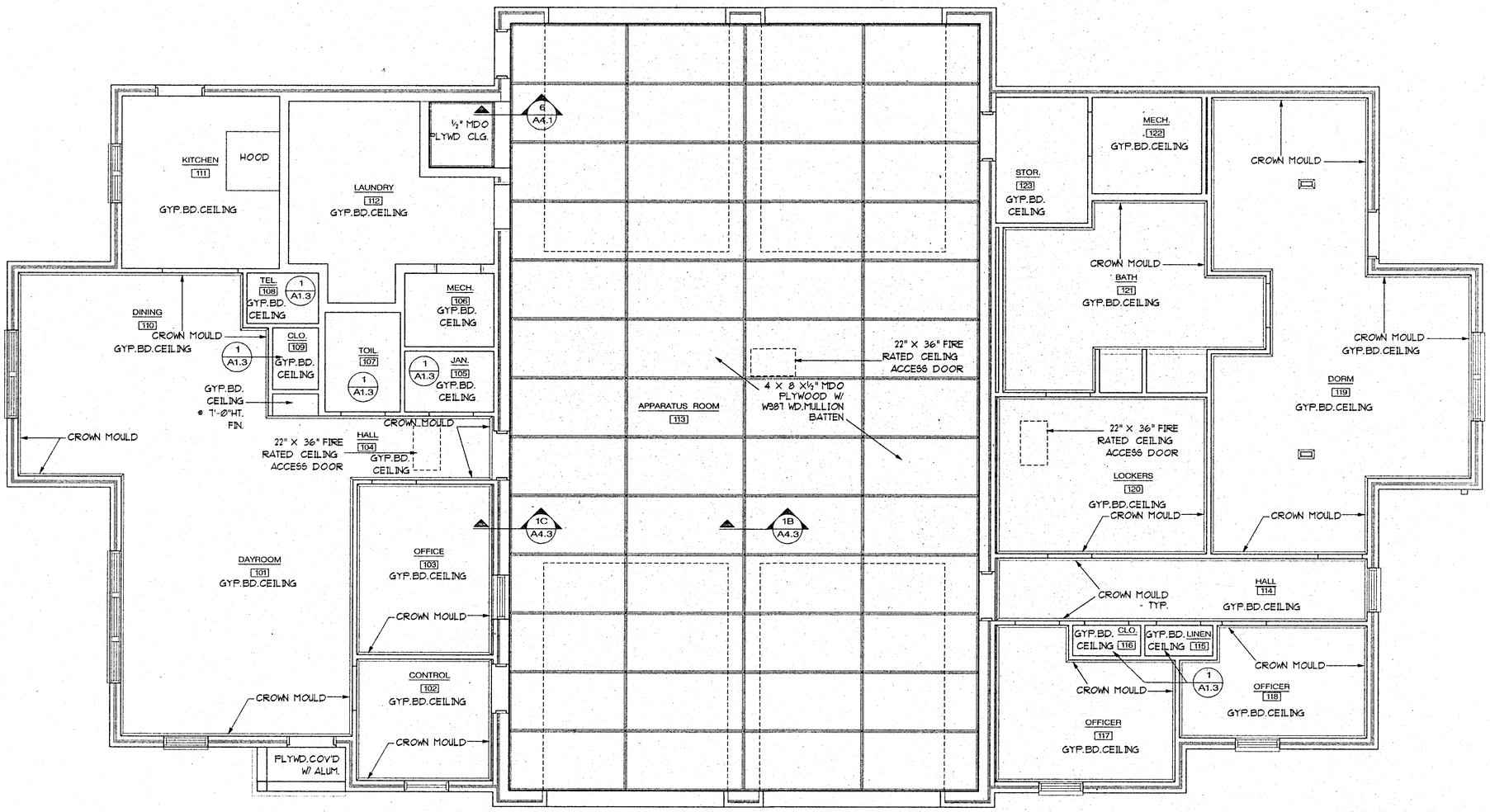
OF

DATE:

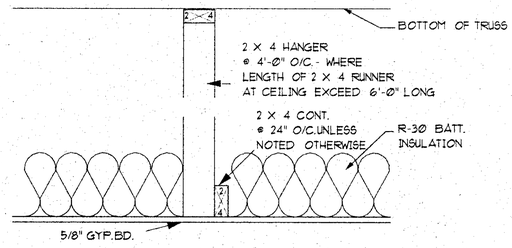
REVISED:

PROJECT No. 97-094

$DATE$
$FILE$



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



1/A1.3 TYPICAL FURRED CEILING DETAIL
1 1/2" = 1'-0"

$DATE$
$FILE$

GEORGIA REGISTERED PROFESSIONAL ARCHITECT CHARLES H. THOMPSON NO. 2047

FIRE STATION
MACON-BIBB CO. FIRE DEPARTMENT
MACON, GEORGIA

FOR

REFLECTED CEILING PLAN

BRITTAIN THOMPSON BRAY BROWN INC.

ARCHITECTS
PLANNERS

Charles H. Brittain AIA
C. Sammy Thompson AIA
E. Riley Bray AIA
Robert W. Brown AIA/ASLA

MACON, GEORGIA

SHEET No. A1.3
OF _____
DATE:
REVISED:

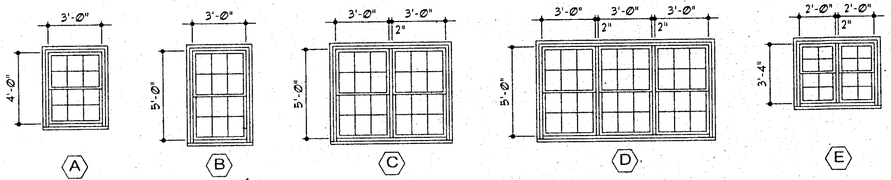
PROJECT No. 97-027

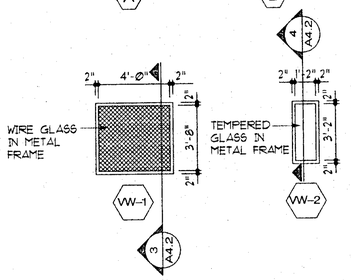
FINISH & MATERIAL SCHEDULE

RM. No.	ROOM NAME	FLOOR		BASE		WALLS		CROWN		CEILING			REMARKS
		MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	HEIGHT	
101	DAYROOM	V.C.T.	CLEAN	WOOD	PAINT	GYP.BD.	PAINT	WOOD	PAINT	GYP.BD.	TEXTURED	9'-Ø"	
102	CONTROL	V.C.T.	CLEAN	WOOD	PAINT	GYP.BD.	PAINT	WOOD	PAINT	GYP.BD.	TEXTURED	9'-Ø"	
103	OFFICE	V.C.T.	CLEAN	WOOD	PAINT	GYP.BD.	PAINT	WOOD	PAINT	GYP.BD.	TEXTURED	9'-Ø"	
104	HALL	V.C.T.	CLEAN	WOOD	PAINT	GYP.BD.	PAINT	WOOD	PAINT	GYP.BD.	TEXTURED	9'-Ø"	
105	JANITOR	CONCRETE	TROWEL	RESILENT	FAC.	GYP.BD/ CONC.BLK.	PAINT	———	———	GYP.BD.	TEXTURED	8'-Ø"	
106	MECHANICAL	COLORED CONCRETE	TROWEL	CONC.BLK.	PAINT	GYP.BD/ CONC.BLK.	PAINT	———	———	GYP.BD. *	TEXTURED	9'-Ø"	*1- HR.FIRE RATED
107	TOILET	V.C.T.	CLEAN	WOOD	PAINT	GYP.BD.	PAINT	———	———	GYP.BD.	TEXTURED	8'-Ø" *	*SEE FURRED CLG.DTL.1/A1.3
108	TELEPHONE	V.C.T.	CLEAN	WOOD	PAINT	GYP.BD.	PAINT	———	———	GYP.BD.	TEXTURED	8'-Ø" *	*SEE FURRED CLG.DTL.1/A1.3
109	CLOSET	V.C.T.	CLEAN	WOOD	PAINT	GYP.BD.	PAINT	———	———	GYP.BD.	TEXTURED	8'-Ø" *	*SEE FURRED CLG.DTL.1/A1.3
110	DINING	V.C.T.	CLEAN	WOOD	PAINT	GYP.BD.	PAINT	WOOD	PAINT	GYP.BD.	TEXTURED	9'-Ø"	
111	KITCHEN	V.C.T.	CLEAN	WOOD	PAINT	GYP.BD.	PAINT	———	———	GYP.BD.	TEXTURED	9'-Ø"	
112	LAUNDRY	COLORED CONCRETE	TROWEL	CONC.BLK.	PAINT	CONC.BLK.	PAINT	———	———	GYP.BD.	TEXTURED	9'-Ø"	
113	APPARATUS ROOM	COLORED CONCRETE	TROWEL	CONC.BLK.	PAINT	* CONC.BLK.	PAINT	———	———	½" MDO PLYWOOD	PAINT	16'-1"	*PAINTED WAINSCOT UP TO DOOR HEAD 7'-4"
114	HALL	V.C.T.	CLEAN	WOOD	PAINT	GYP.BD.	PAINT	WOOD	PAINT	GYP.BD.	TEXTURED	9'-Ø"	
115	LINEN	V.C.T.	CLEAN	WOOD	PAINT	GYP.BD.	PAINT	———	———	GYP.BD.	TEXTURED	8'-Ø" *	*SEE FURRED CLG.DTL.1/A1.3
116	CLOSET	V.C.T.	CLEAN	WOOD	PAINT	GYP.BD.	PAINT	———	———	GYP.BD.	TEXTURED	8'-Ø" *	*SEE FURRED CLG.DTL.1/A1.3
117	OFFICER	V.C.T.	CLEAN	WOOD	PAINT	GYP.BD.	PAINT	WOOD	PAINT	GYP.BD.	TEXTURED	9'-Ø"	
118	OFFICER	V.C.T.	CLEAN	WOOD	PAINT	GYP.BD.	PAINT	WOOD	PAINT	GYP.BD.	TEXTURED	9'-Ø"	
119	DORM	V.C.T.	CLEAN	WOOD	PAINT	GYP.BD.	PAINT	WOOD	PAINT	GYP.BD.	TEXTURED	9'-Ø"	
120	LOCKERS	V.C.T.	CLEAN	WOOD	PAINT	GYP.BD.	PAINT	WOOD	PAINT	GYP.BD.	TEXTURED	9'-Ø"	
121	BATH	CER.TILE	CLEAN	CER.TILE	CLEAN	GYP.BD. *	PAINT	WOOD	PAINT	GYP.BD.	TEXTURED	9'-Ø"	*CERAMIC TILE WAINSCOT
122	MECHANICAL	CONCRETE	TROWEL	RESILENT	FAC.	GYP.BD.	PAINT	———	———	GYP.BD. *	TEXTURED	9'-Ø"	*1- HR.FIRE RATED
123	STORAGE	COLORED CONCRETE	TROWEL	RESILENT	FAC.	GYP.BD/ CONC.BLK.	PAINT	———	———	GYP.BD. *	TEXTURED	9'-Ø"	*1- HR.FIRE RATED

LEGEND

CONC.BLK.	CONCRETE BLOCK
CER.TILE	CERAMIC TILE
FAC.	FACTORY
GYP.BD.	GYPSUM BOARD
TEXT.	TEXTURED
V.C.T.	VINYL COMPOSITION TILE

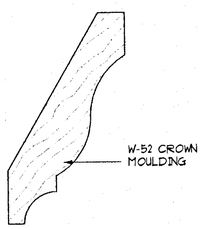




WINDOW SCHEDULE

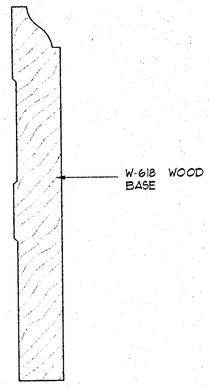
1/4" = 1'-0"

NOTE:
ALL EXTERIOR WINDOWS ARE CLAD DOUBLE - HUNG BY EAGLE WINDOW AND DOOR, INC. P.O. BOX 1072 315 EAST NINTH ST., DUBUQUE, IOWA 52004-1072 1-319-556-2210. DIMENSIONS ARE SASH DIM.



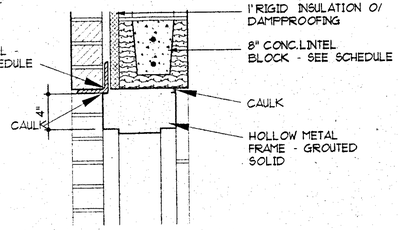
CROWN MOULD

FULL SCALE



WOOD BASE

FULL SCALE



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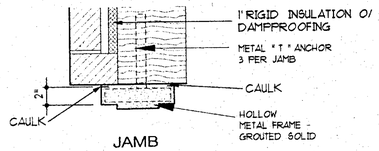
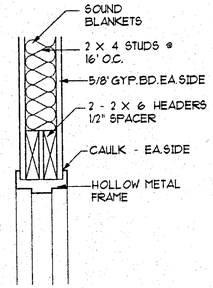


JAMB

DOOR TYPE 3

SPACE 113



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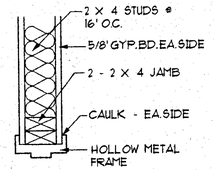
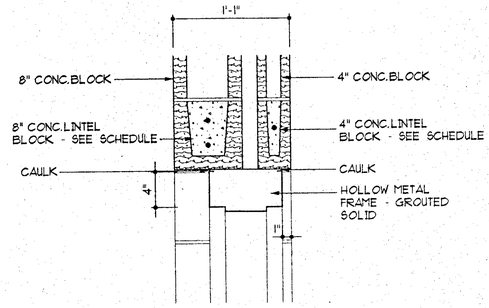


JAMB

DOOR TYPES 4 & 6



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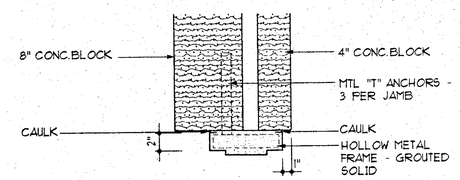
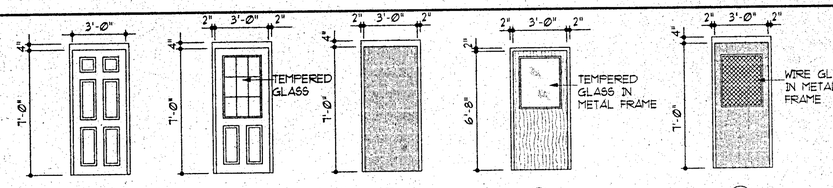


JAMB

DOOR TYPES 5,7 & 8

DOOR DETAILS

1 1/2" = 1'-0"



DOOR FRAMES & TYPES

1/4" = 1'-0"

LINTEL SCHEDULE

OPENING WIDTH		FOR EACH 4" THICKNESS	WALL DIMENSION AND REINFORCING			
			CONCRETE BLOCK OR CONCRETE			
MIN.	MAX.	STEEL	DEPTH	4" WALL	8" WALL	12" WALL
———	2'-0"	L 3 1/2x3x1/4 SLV	7 5/8"	1#4	1#4BOT.	1#4BOT.
2'-1"	3'-6"	L 3 1/2x3x1/4 SLV	7 5/8"	1#4	1#4BOT.	2#5BOT.
3'-7"	5'-0"	L 3 1/2x3x1/4 SLV	7 5/8"	1#4	1#5BOT.	2#5BOT.
5'-1"	6'-6"	L 4x3 1/2x1/4 LLV	7 5/8"	———	1#7BOT.	2#6BOT.
6'-7"	8'-0"	L 5x3 1/2x1/4 LLV	7 5/8"	———	1#8BOT.	1#7BOT.
8'-1"	10'-0"	L 6x3 1/2x5/16 LLV	15 5/8"	———	1#8BOT.	———

NOTES:
1. DO NOT USE THIS SCHEDULE IF CONCENTRATED LOAD IS APPLIED TO LINTEL.
2. PROVIDE 1'-4" (MIN) BEARING AT EACH END FOR MASONRY.
3. PROVIDE 8" (MIN) BEARING AT END END FOR STEEL.

GEORGIA REGISTERED NO. 2047 PROFESSIONAL ARCHITECT CHARLES S. THOMPSON

FIRE STATION
FOR MACON-BIBB CO. FIRE DEPARTMENT

MACON, GEORGIA

FINISH & MATERIAL, DOOR & WINDOW SCHEDULES & DETAILS

BRITTAIN THOMPSON BRAY BROWN INC.

ARCHITECTS PLANNERS

Charles H. Brittain AIA
C. Sammy Thompson AIA
E. Riley Bray AIA
Robert W. Brown AIA/ASLA

MACON, GEORGIA

SHEET No. A2.1

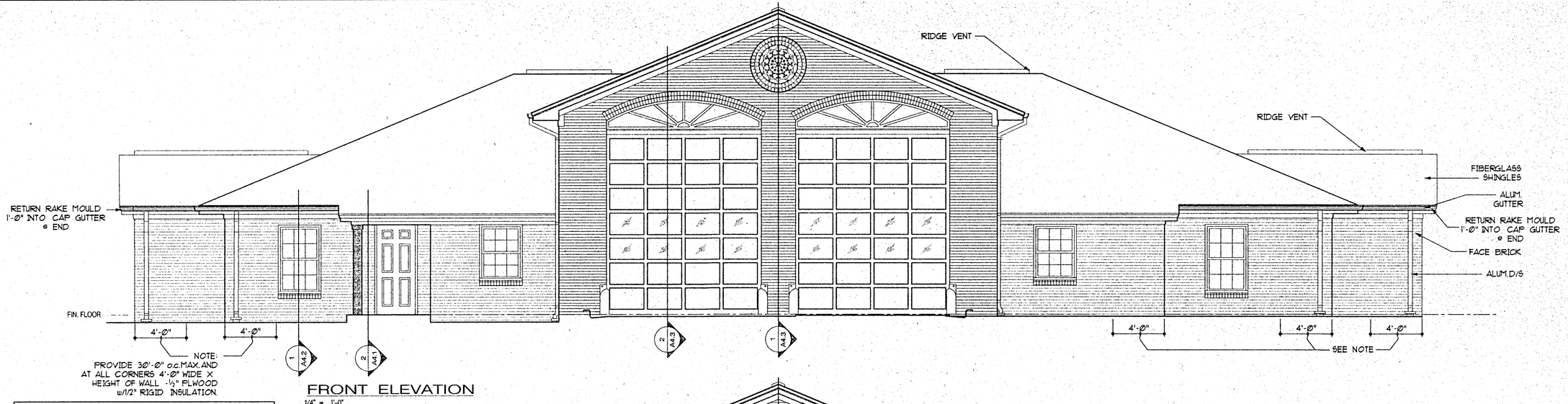
OF _____

DATE:

REVISED:

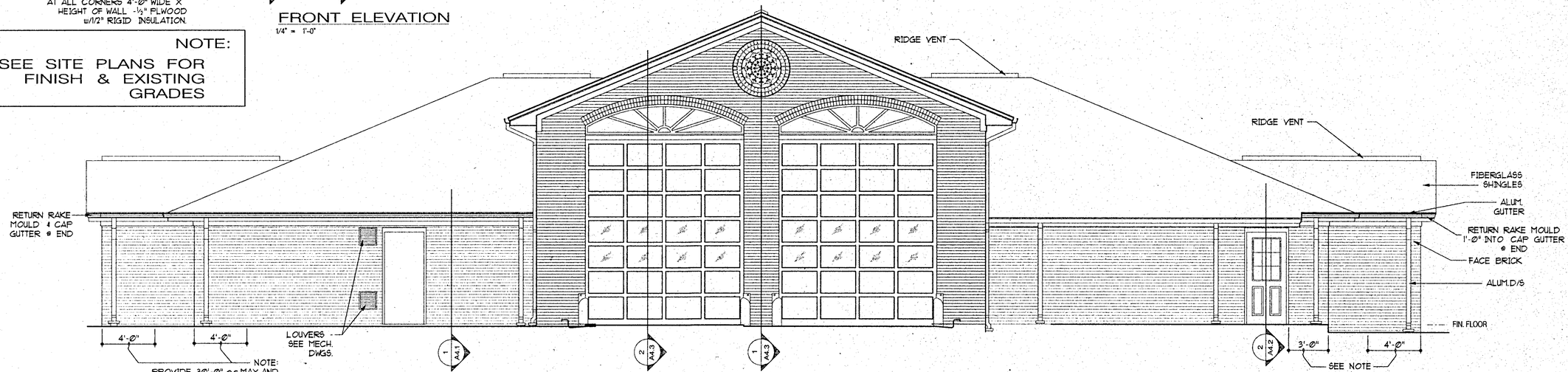
PROJECT No. 97-027

$DATE$
$FILE$

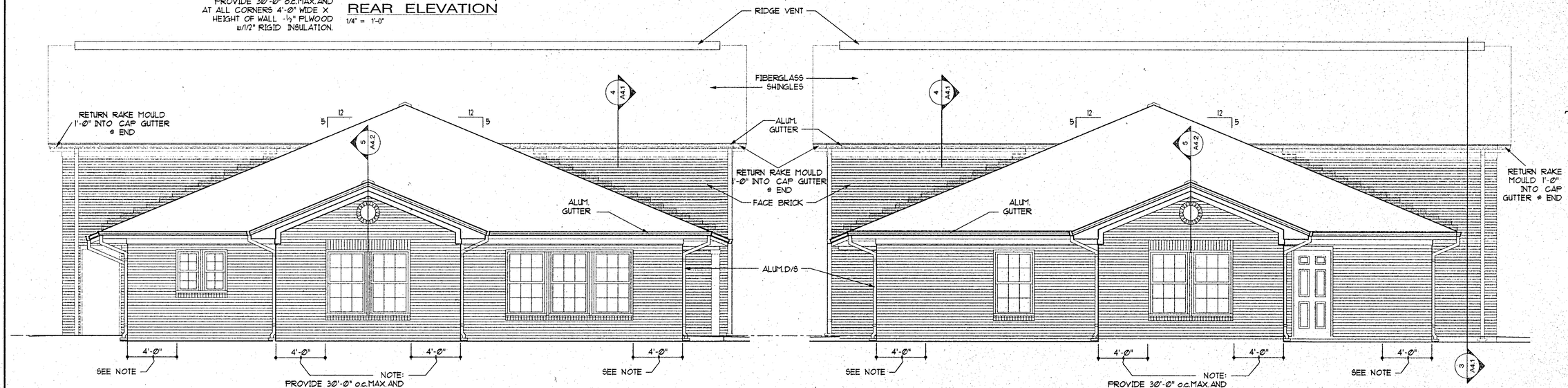


FRONT ELEVATION
1/4" = 1'-0"

NOTE:
SEE SITE PLANS FOR FINISH & EXISTING GRADES



REAR ELEVATION
1/4" = 1'-0"



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

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

$DATE$
$FILE$

GEORGIA REGISTERED NO. 2047 PROFESSIONAL ARCHITECT CHARLES S. THOMPSON

FIRE STATION
FOR MACON-BIBB CO. FIRE DEPARTMENT
MACON, GEORGIA

EXTERIOR ELEVATIONS

BRITTAIN THOMPSON BRAY BROWN INC.

ARCHITECTS PLANNERS

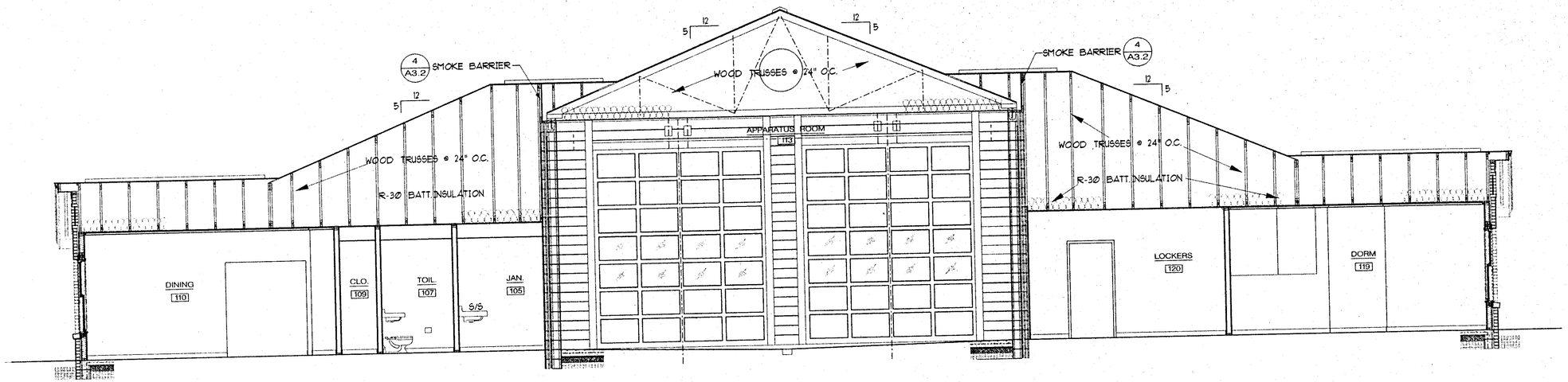
Charles H. Brittain AIA
C. Sammy Thompson AIA
E. Riley Bray AIA
Robert W. Brown AIA/ASLA

MACON, GEORGIA

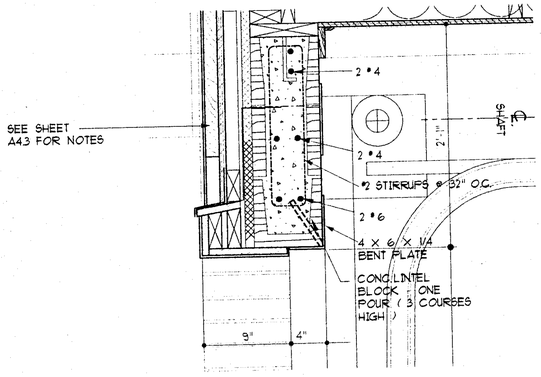
SHEET No. A3.1
OF ____

DATE:
REVISED:

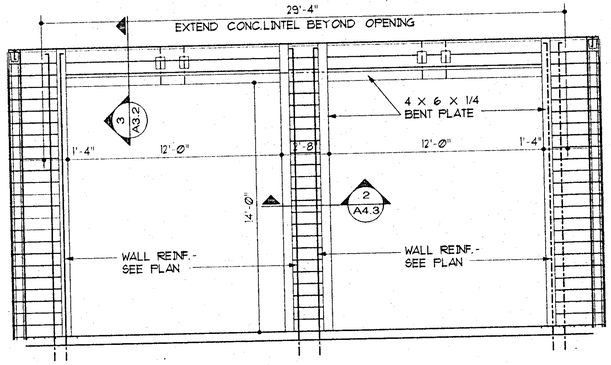
PROJECT No. 97-027



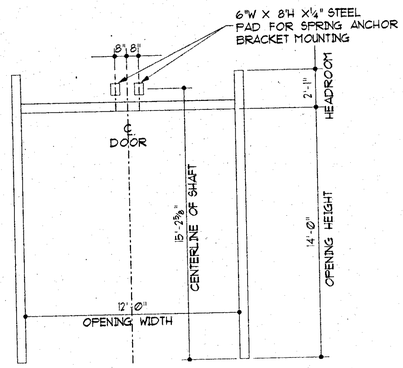
2 A3.2 LONGITUDINAL SECTION THRU BUILDING
1/4" = 1'-0"



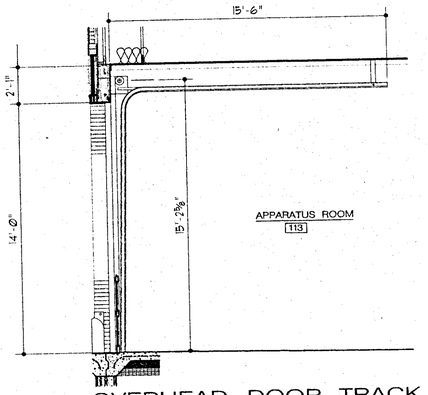
3 A3.2 CONC. LINTEL DETAIL
1 1/2" = 1'-0"



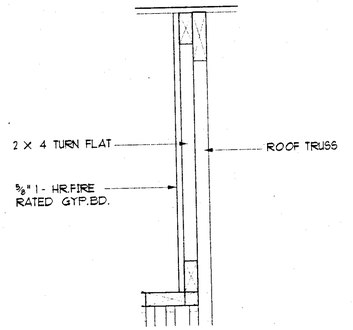
WALL REINFORCING ELEV.
1/4" = 1'-0"



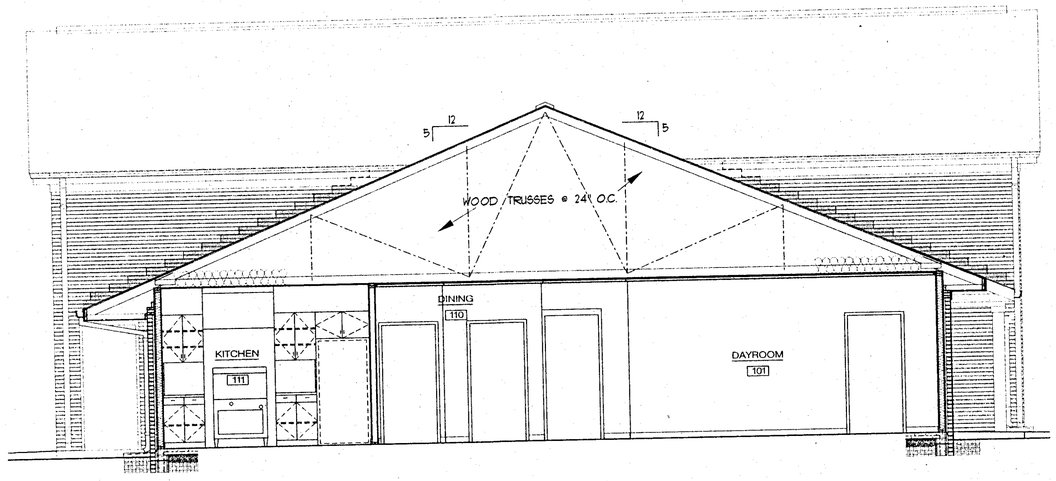
OVERHEAD DOOR FRAMING & PADS
1/4" = 1'-0"



OVERHEAD DOOR TRACK
1/4" = 1'-0"



4 A3.2 SMOKE BARRIER DETAIL
1 1/2" = 1'-0"



1 A3.2 TRANSVERSE SECTION THRU BUILDING
1/4" = 1'-0"

GEORGIA REGISTERED NO. 2047 PROFESSIONAL ARCHITECT CHARLES S. THOMPSON

FIRE STATION FOR MACON-BIBB CO. FIRE DEPARTMENT

MACON, GEORGIA

SECTIONS THRU BUILDING & DETAILS

BRITTAIN THOMPSON BRAY BROWN INC.

ARCHITECTS PLANNERS

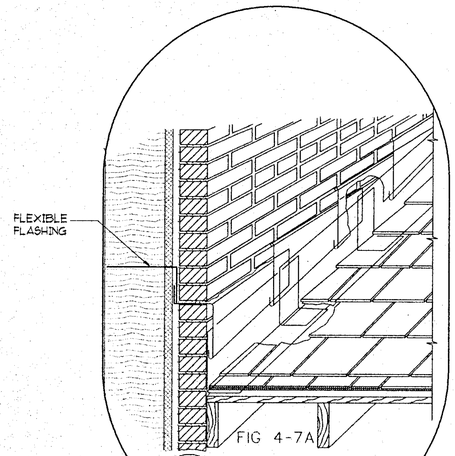
Charles H. Brittain AIA
C. Sammy Thompson AIA
E. Riley Bray AIA
Robert W. Brown AIA/ASLA

MACON, GEORGIA

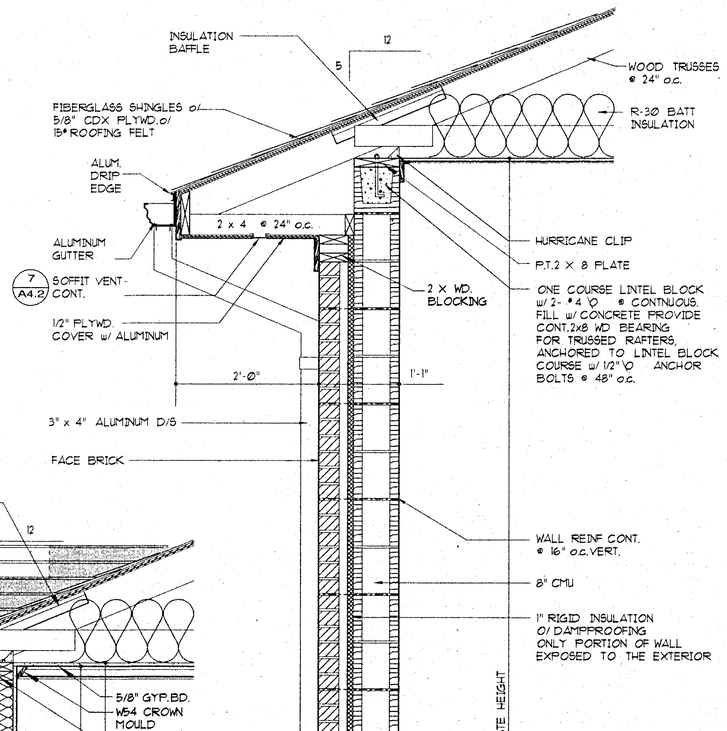
SHEET No. A3.2
OF ____
DATE:
REVISED:

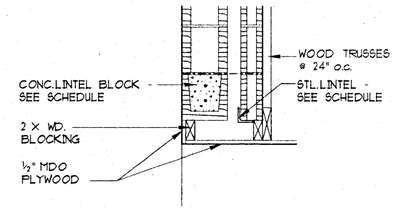
PROJECT No. 97-027

$DATE$
$FILE$

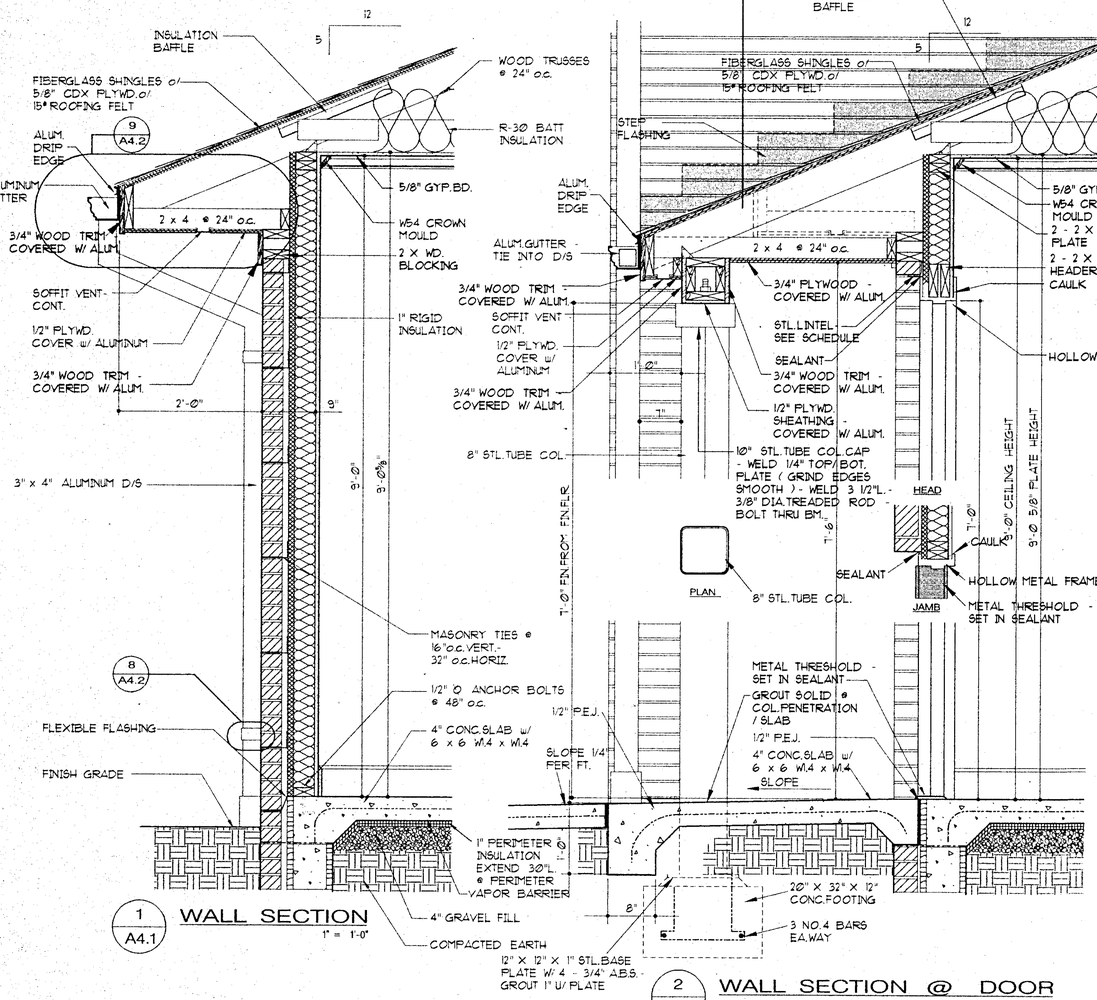


5 / A4.1 STEP FLASHING





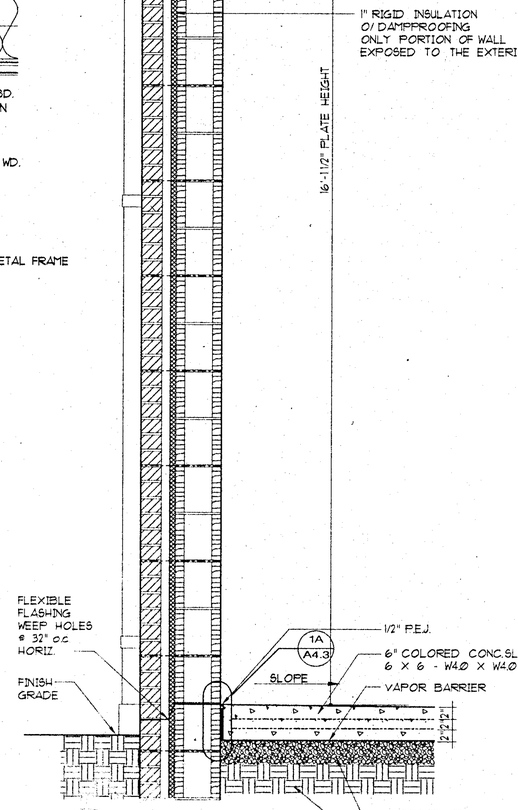
6 / A4.1 CONC. LINTEL DETAIL
1" = 1'-0"



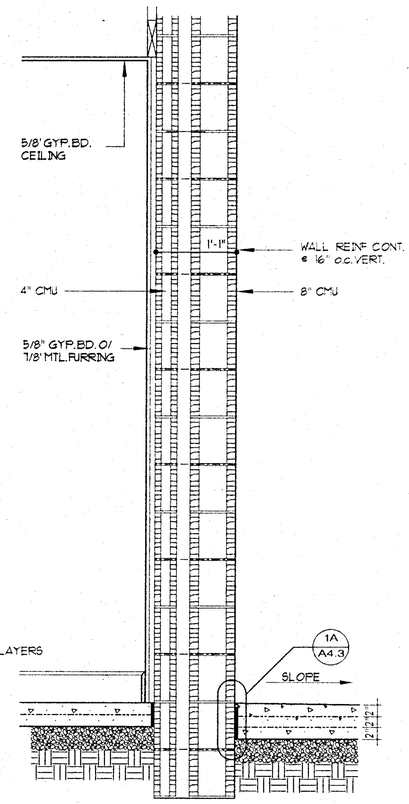
1 / A4.1 WALL SECTION
1" = 1'-0"

2 / A4.1 WALL SECTION @ DOOR
1" = 1'-0"

NOTE
APPLY MASTIC COATING ON STEEL BELOW GRADE



3 / A4.1 WALL SECTION
1" = 1'-0"



4 / A4.1 INTERIOR WALL SECTION
1" = 1'-0"

GEORGIA REGISTERED NO. 2047 PROFESSIONAL ARCHITECT CHARLES S. THOMPSON

FIRE STATION FOR MACON-BIBB CO. FIRE DEPARTMENT

MACON, GEORGIA

WALL SECTIONS

BRITTAIN THOMPSON BRAY BROWN INC.

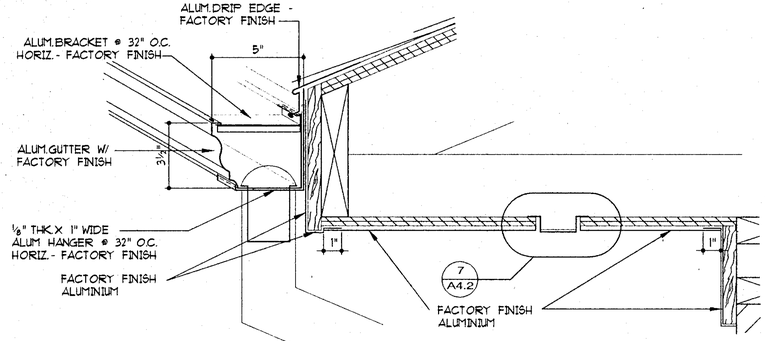
ARCHITECTS PLANNERS

Charles H. Brittain AIA
C. Sammy Thompson AIA
E. Riley Bray AIA
Robert W. Brown AIA/ASLA

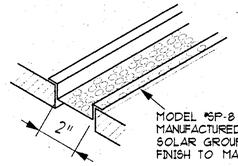
MACON, GEORGIA

SHEET No. A4.1
OF _____
DATE:
REVISED:

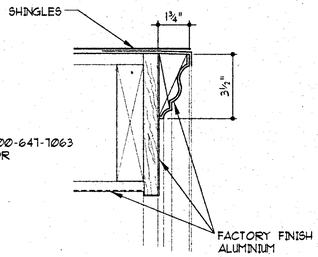
PROJECT No. 97-027



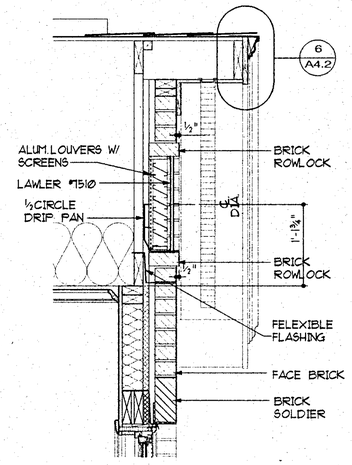
9 A4.2 GUTTER/ FASCIA & SOFFITT DETAIL
3" = 1'-0"



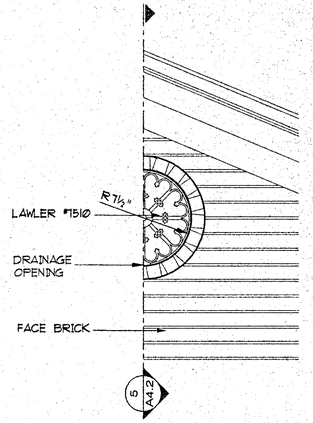
7 A4.2 ALUM. SOFFITT VENT
3" = 1'-0"



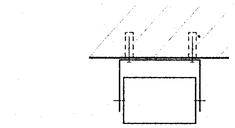
6 A4.2 RAKE PROFILE
3" = 1'-0"



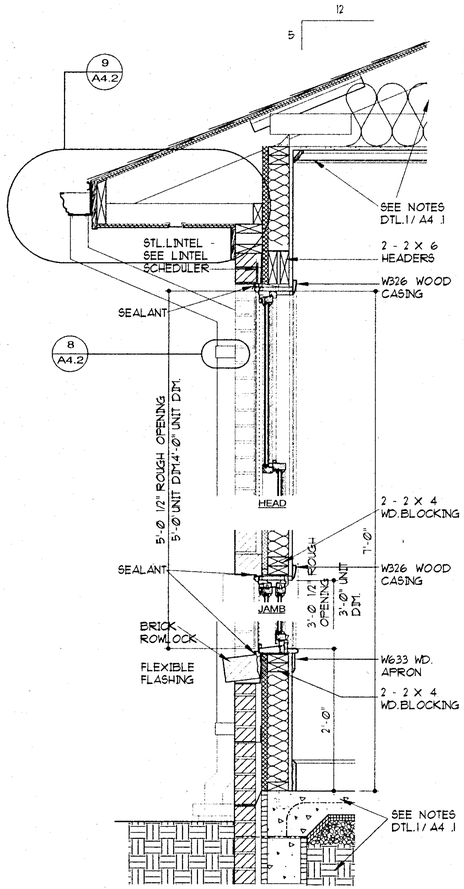
5 A4.2 SECTION WIND. HEAD @ GABLE END
1" = 1'-0"



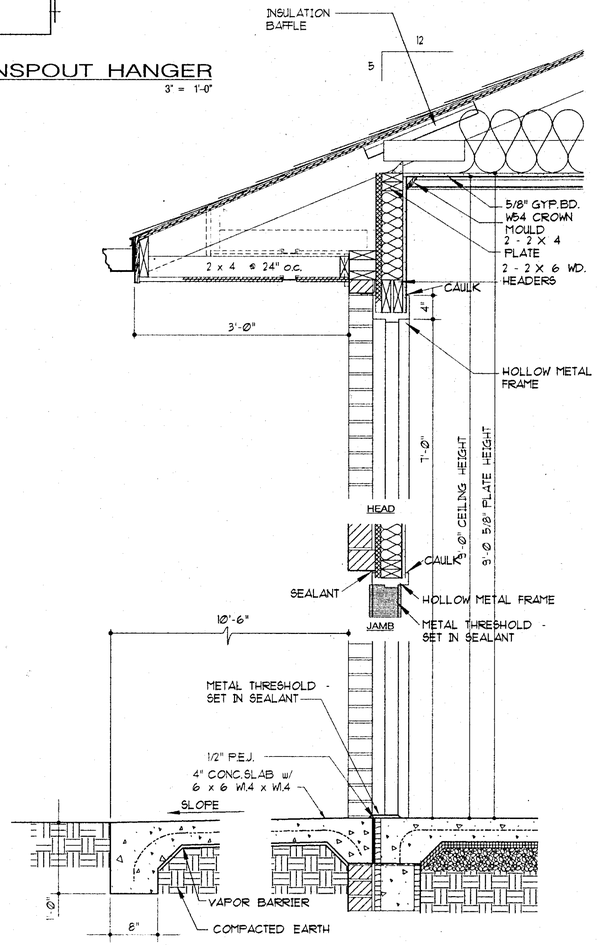
HALF ELEVATION
1" = 1'-0"



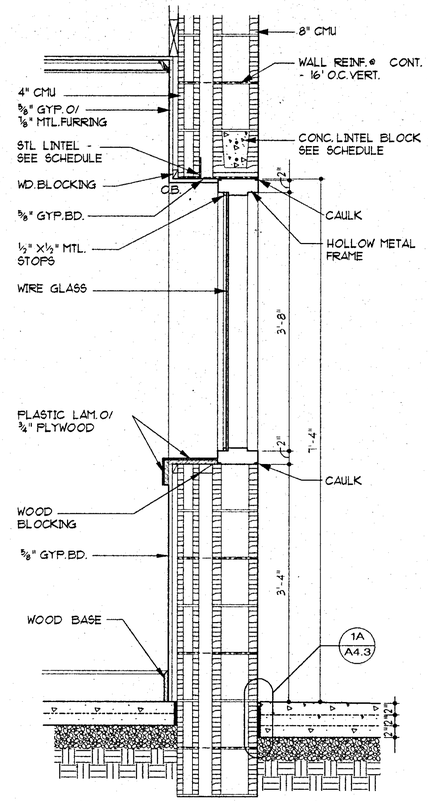
8 A4.2 DOWNSPOUT HANGER
3" = 1'-0"



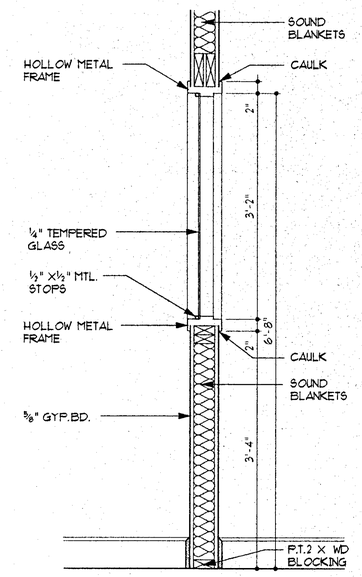
1 A4.2 WINDOW SECTION
1" = 1'-0"



2 A4.2 SECTION @ REAR DOOR
1" = 1'-0"



3 A4.2 VIEW WINDOW SECTION
1" = 1'-0"



4 A4.2 VIEW WINDOW SECTION
1" = 1'-0"

GEORGIA REGISTERED NO. 2067 PROFESSIONAL ARCHITECT CHARLES S. THOMPSON

FIRE STATION
MACON-BIBB CO. FIRE DEPARTMENT
MACON, GEORGIA

FOR

WALL SECTIONS

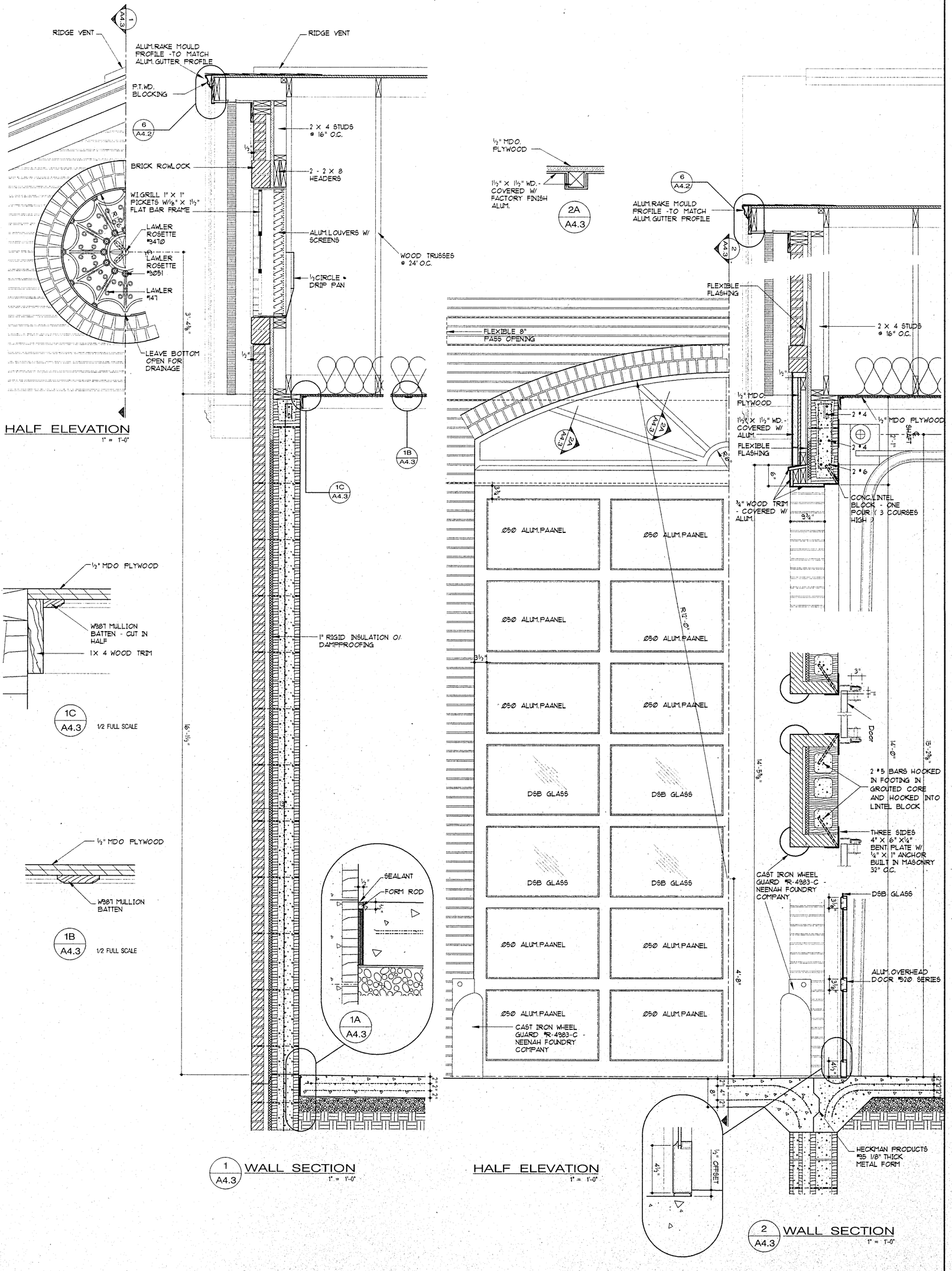
BRITTAIN THOMPSON BRAY BROWN INC.
ARCHITECTS PLANNERS

Charles H. Brittain AIA
C. Sammy Thompson AIA
E. Riley Bray AIA
Robert W. Brown AIA/ASLA

MACON, GEORGIA

SHEET No. A4.2
OF ____
DATE:
REVISED:

PROJECT No. 97-027



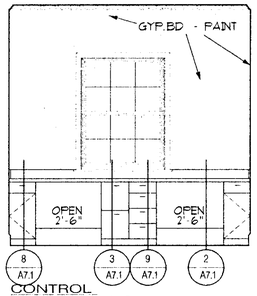
BRITTAIN THOMPSON BRAY BROWN INC.
ARCHITECTS PLANNERS
Charles H. Brittain AIA
C. Sammy Thompson AIA
E. Riley Bray AIA
Robert W. Brown AIA/ASLA
MACON, GEORGIA

SHEET No. A4.3
OF ____
DATE:
REVISED:
PROJECT No. 97-027

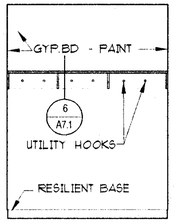
WALL SECTIONS

FIRE STATION
FOR MACON-BIBB CO. FIRE DEPARTMENT
MACON, GEORGIA

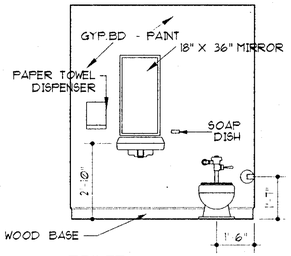
GEORGIA REGISTERED ARCHITECT CHARLES S. THOMPSON NO. 2041 PROFESSIONAL



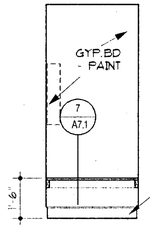
CONTROL
SPACE No. 102



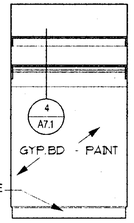
JANITOR
SPACE No. 105



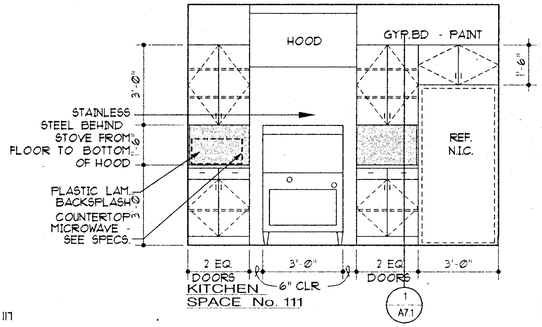
TOILET
SPACE No. 107



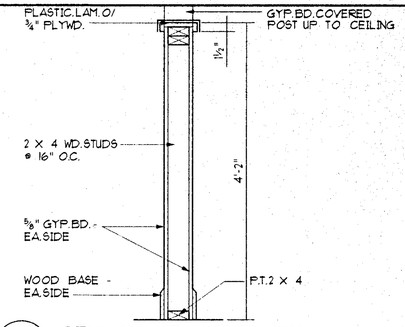
TELEPHONE
SPACE No. 108



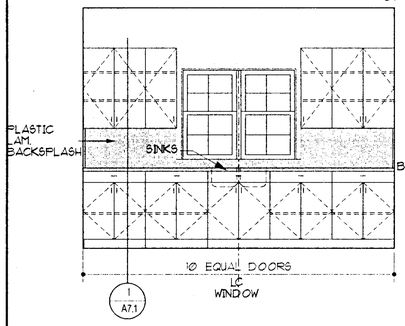
CLOSET
SPACE No. 109
SIMILAR @ SPACE NO. 117

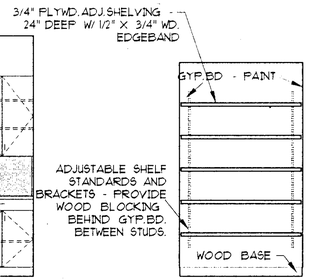


KITCHEN
SPACE No. 111

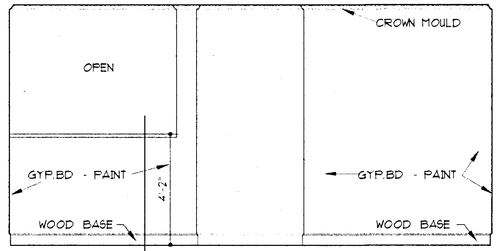


11 A7.1 SECTION @ PARTITION
1"=1'-0"

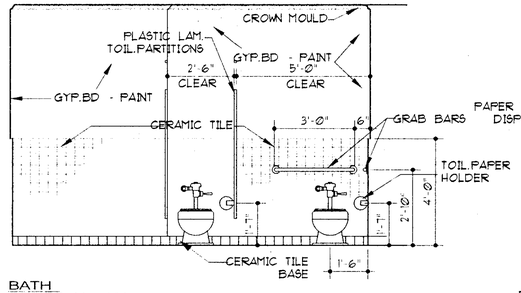




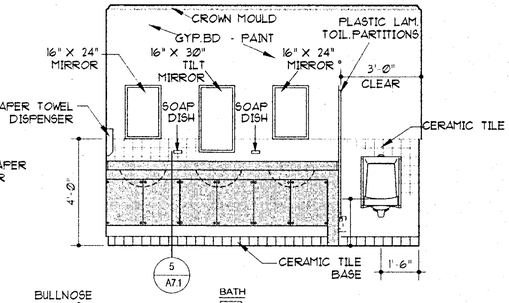
LINEN
SPACE No. 115

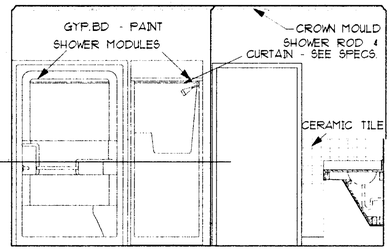


DORM
SPACE No. 119

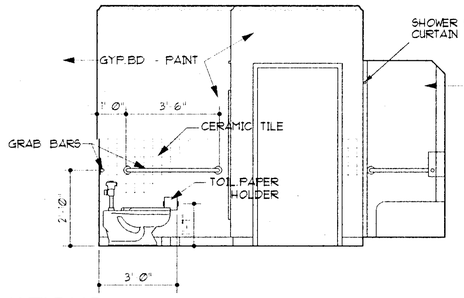


BATH
SPACE No. 121



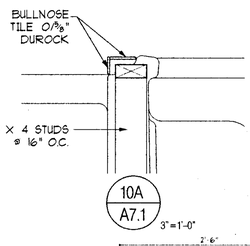


BATH
SPACE No. 121

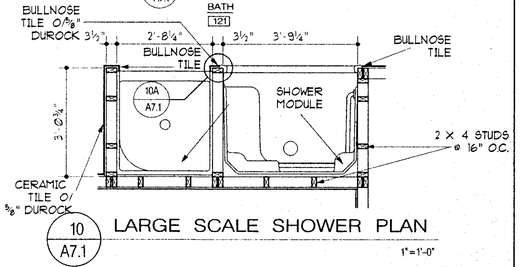


INTERIOR ELEVATIONS

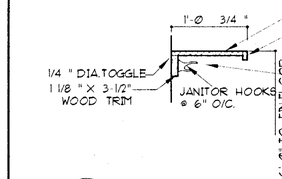
3/8" = 1'-0"



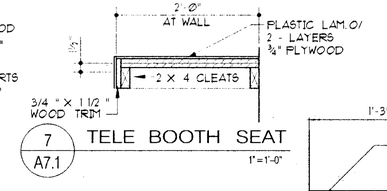
10A A7.1 3"=1'-0"



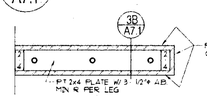
10 A7.1 LARGE SCALE SHOWER PLAN
1"=1'-0"



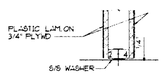
6 A7.1 JANITOR'S SHELF
1"=1'-0"



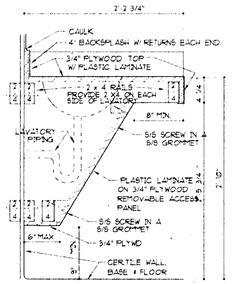
7 A7.1 TELE BOOTH SEAT
1"=1'-0"



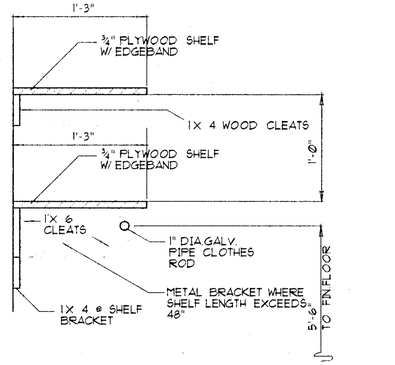
5C A7.1 SECTION @ LEG



5B A7.1 SECTION @ LEG

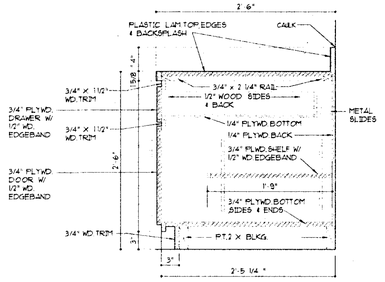


5A A7.1 SECTION @ TOILET COUNTER

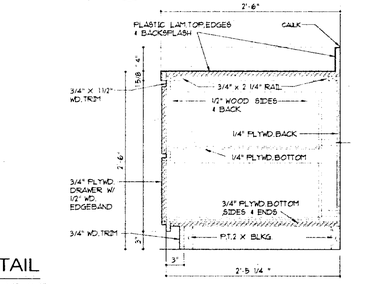


4 A7.1 TYP. CLO. ROD & SHELF DETAIL
1 1/2" = 1'-0"

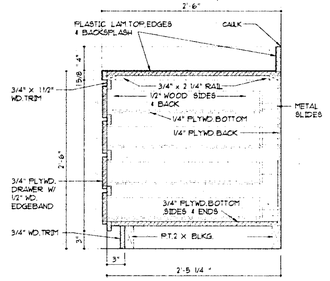
5 A7.1 TOILET COUNTER DETAILS
1"=1'-0"



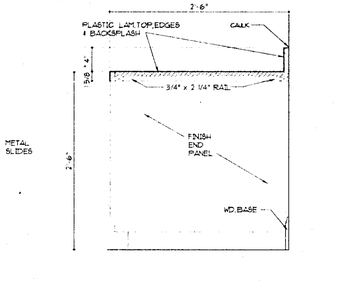
8 A7.1 SECTION @ COUNTER
1"=1'-0"



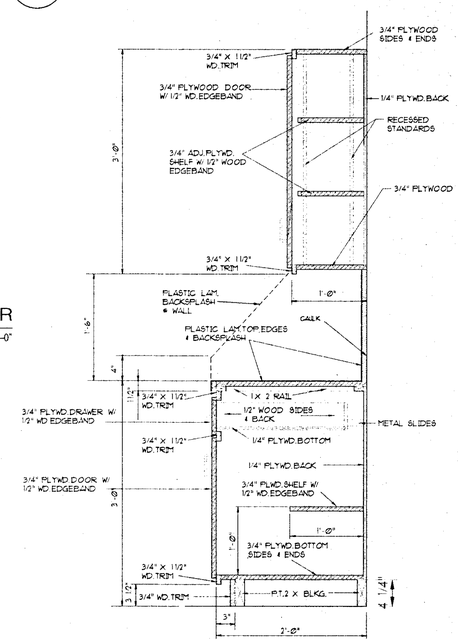
3 A7.1 SECTION @ COUNTER
1"=1'-0"



9 A7.1 SECTION @ COUNTER
1"=1'-0"



2 A7.1 SECTION @ KNEE SPACE
1"=1'-0"



1 A7.1 BASE & WALL CABINET DETAIL
1"=1'-0"

GEORGIA REGISTERED NO. 2047 PROFESSIONAL ARCHITECT CHARLES S. THOMPSON

FIRE STATION
MACON-BIBB CO. FIRE DEPARTMENT
MACON, GEORGIA

FOR MARKET

INTERIOR ELEVATIONS & DETAILS

BRITTAIN THOMPSON BRAY BROWN
INC.

ARCHITECTS
PLANNERS

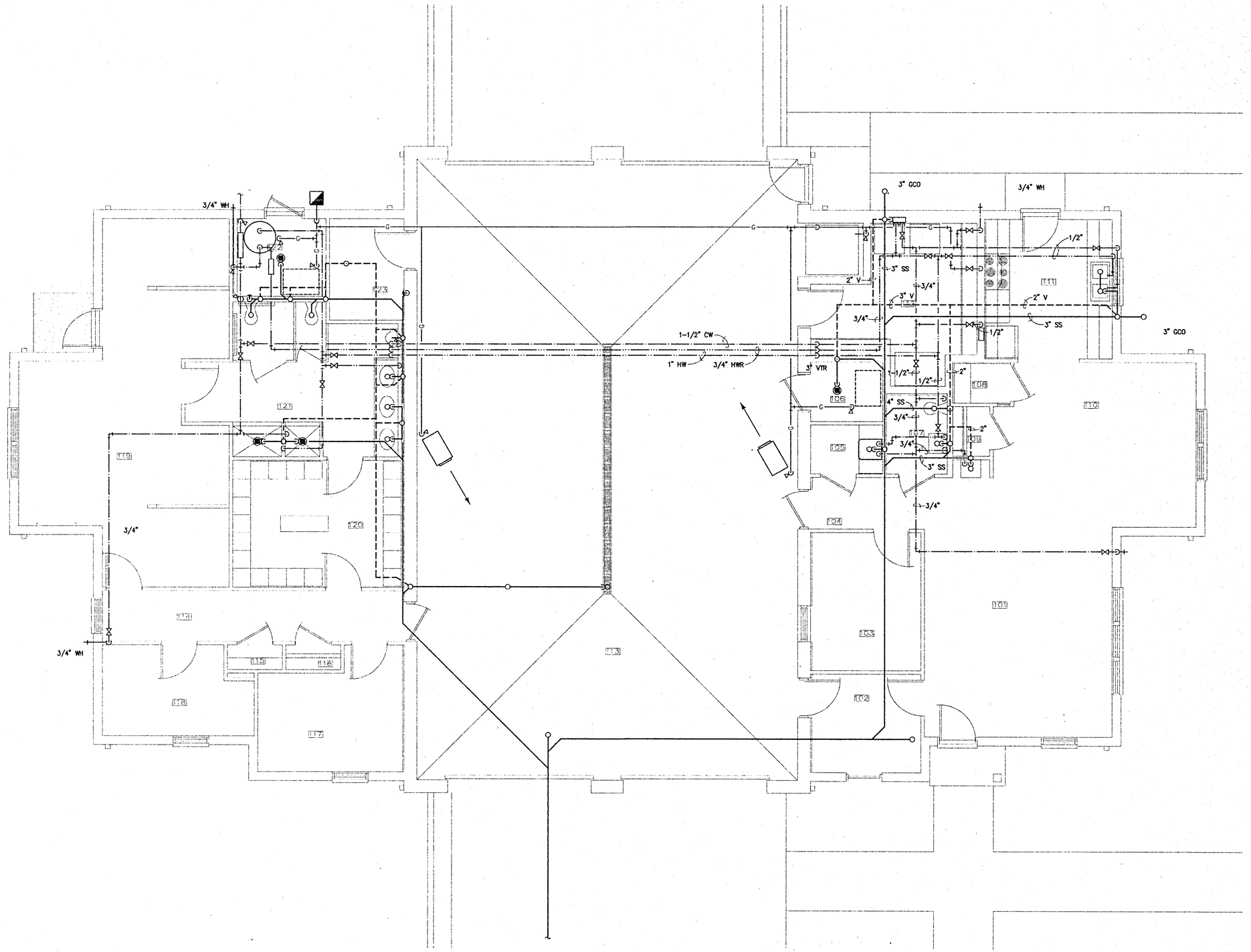
Charles H. Brittain AIA
C. Sammy Thompson AIA
E. Riley Bray AIA
Robert W. Brown AIA/ASLA

MACON, GEORGIA

SHEET No. A7.1
OF _____
DATE:
REVISED:

PROJECT No. 97-027

$DATE$
$FILES$



PLUMBING FLOOR PLAN

SCALE: 1/4"=1'-0"

FIRE STATION
MACON-BIBB CO. FIRE DEPARTMENT
MACON, GEORGIA

FOR MACON

BRITTAIN
THOMPSON
BRAY
BROWN
INC.

ARCHITECTS
PLANNERS

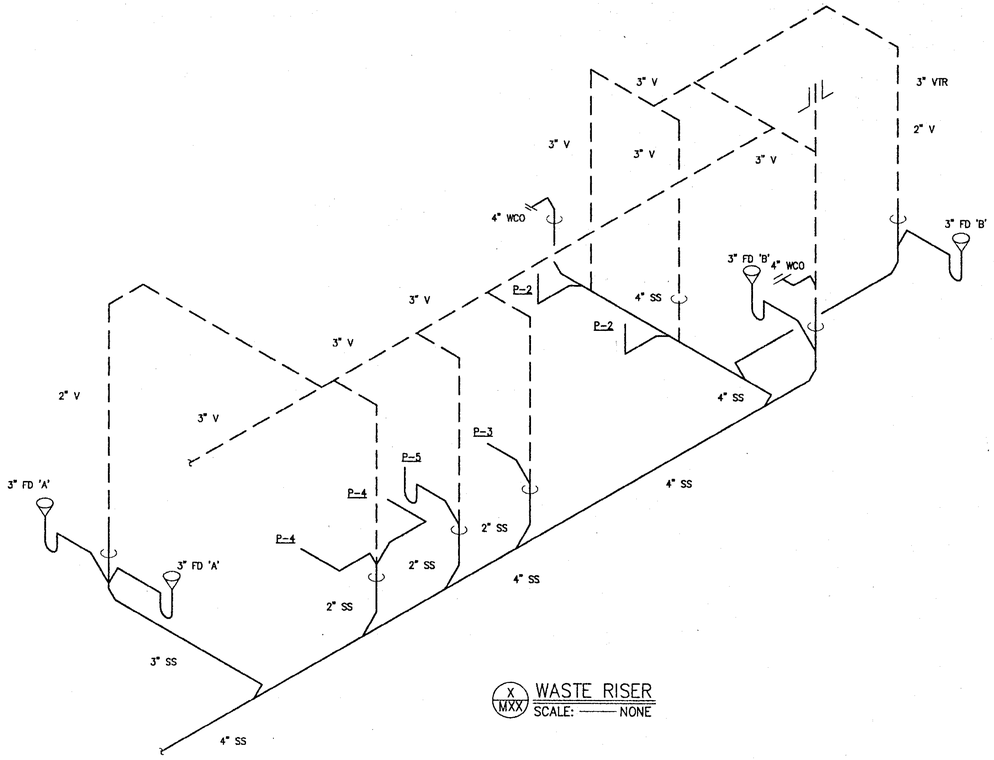
Charles H. Brittain AIA
C. Sammy Thompson AIA
E. Riley Bray AIA
Robert W. Brown AIA/ASLA

MACON, GEORGIA

SHEET No. P-1
OF
DATE:
REVISED:

PROJECT No. 77027

SPENCER
ENGINEERING, INC.



X / MXX WASTE RISER
SCALE: ——— NONE

PLUMBING LEGEND

PIPING LINE TYPES	
———	SOIL OR WASTE PIPING
- - - - -	SANITARY SEWER VENT PIPING
———	DOMESTIC COLD WATER PIPING
———	DOMESTIC HOT WATER PIPING
———	DOMESTIC HOT WATER RECIRCULATION PIPING
—G—	NATURAL GAS PIPING
—R—	REFRIGERANT PIPING
—D—	DRAIN PIPING
PLUMBING SYMBOLS AND ABBREVIATIONS	
	PIPING DROP
	PIPING RISE TO OR FROM ABOVE
	GATE VALVE
FD	FLOOR DRAIN
FCO	FLOOR CLEANOUT
WCO	WALL CLEANOUT
	UNION
	WALL HYDRANT
	ISOLATING VALVE IN RISE OR DROP
	GAS METER
	LIMIT OF SCOPE OF WORK / POINT OF CONNECTION
CW	COLD WATER
FCO	FLOOR CLEAN OUT
FD	FLOOR DRAIN
HW	HOT WATER
V	VENT
VTR	VENT THROUGH ROOF
W	WASTE
WCO	WALL CLEAN OUT
WH	WALL HYDRANT

FIXTURE CONNECTION SCHEDULE

MARK	FIXTURE	RIM HEIGHT	COLD WATER		HOT WATER		SOIL/WASTE		NOTES
			BRANCH	CONN.	BRANCH	CONN.	BRANCH	CONN.	
P-1	WATER CLOSET	15"	1"	1"	–	–	4"	4"	1
P-2	WATER CLOSET H.C.	–	1"	1"	–	–	4"	4"	2
P-3	URINAL, H.C.	17"	3/4"	3/4"	–	–	2"	2"	3
P-4	LAVATORY	C.T.	1/2"	3/8"	1/2"	3/8"	2"	1-1/4"	–
P-5	LAVATORY H.C.	C.T.	1/2"	3/8"	1/2"	3/8"	2"	1-1/4"	4
P-6	LAVATORY	31"	1/2"	3/8"	1/2"	3/8"	2"	1-1/4"	5
P-7	SHOWER	–	1/2"	1/2"	1/2"	1/2"	2"	2"	–
P-8	SHOWER, H.C.	–	1/2"	1/2"	1/2"	1/2"	2"	2"	6
P-9	WATER COOLER	DUAL	1/2"	3/8"	–	–	2"	1-1/4"	8
P-10	ICE MAKER CONNECTION	–	1/2"	3/8"	–	–	–	–	7
P-11	WASHING MACHINE BOX	–	1/2"	1/2"	1/2"	1/2"	2"	2"	–
P-12	DOUBLE BOWL SINK	30"	1/2"	1/2"	1/2"	1/2"	2"	1-1/2"	9

1. FLOOR MOUNTED, FLUSH VALVE
2. FLOOR MOUNTED, FLUSH VALVE, 18" TO TOP OF SEAT, INSTALL FLUSH VALVE CONTROLS MAX 44" AFF ON WIDE SIDE OF TOILET STALL
3. WALL HUNG, FLUSH VALVE, HANDICAP, FLUSH VALVE CONTROLS MAX 44" AFF
4. COUNTER TOP, HANDICAP, 27" MIN CLEAR KNEE SPACE, COUNTER SURFACE MAX. 34" AFF
5. WALL HUNG
6. HAND HELD SHOWER SPRAY UNIT W/MIN 60" HOSE LENGTH & CAPABILITY TO BE USED AS A FIXED SHOWER HEAD. MIN 38" TO BOTTOM AND MAX 48" TO TOP OF CONTROL AREA
7. PLASTIC ICE MAKER BOX MOUNTED AT 12" AFF WITH BRASS SHUT-OFF VALVE
8. HANDICAP BUBBLER SHALL BE 35" AFF WITH 27" MIN CLEAR KNEE SPACE
9. STAINLESS STEEL SINK WITH GOOSENECK SPOUT AND WRIST HANDLES

GENERAL NOTES: (PLUMBING SHEETS ONLY)

A. THESE DRAWINGS ARE DIAGRAMMATIC ONLY AND ARE NOT TO BE SCALED. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS AND LOCATIONS.
B. COORDINATE PIPE ROUTING WITH DUCT ROUTING, EQUIPMENT LOCATIONS, ELECTRICAL INSTALLATIONS, AND BUILDING STRUCTURAL MEMBERS. OFFSET PIPING WHERE REQUIRED TO AVOID CONFLICTS. AVOID PENETRATING ANY MAIN STRUCTURAL BEAM. NOTIFY ARCHITECT IMMEDIATELY OF ANY CONFLICTS.
C. ROUTE ALL INTERIOR WATER PIPING WITHIN BUILDING INSULATION ENVELOPE.
D. LOCATE VENT THRU ROOF (VTR) A MINIMUM OF 15'-0" FROM ALL OUTSIDE AIR INTAKES.
E. LOCATE ALL VTRS A MINIMUM OF 5'-0" FROM EXTERIOR WALLS TO ALLOW FOR FLASHING.
F. WHERE CHASES ARE NOT PRESENT, CONNECT VENT PIPING TOGETHER IN ATTIC SPACE WHEN POSSIBLE TO AVOID CUTTING THROUGH STUDS.

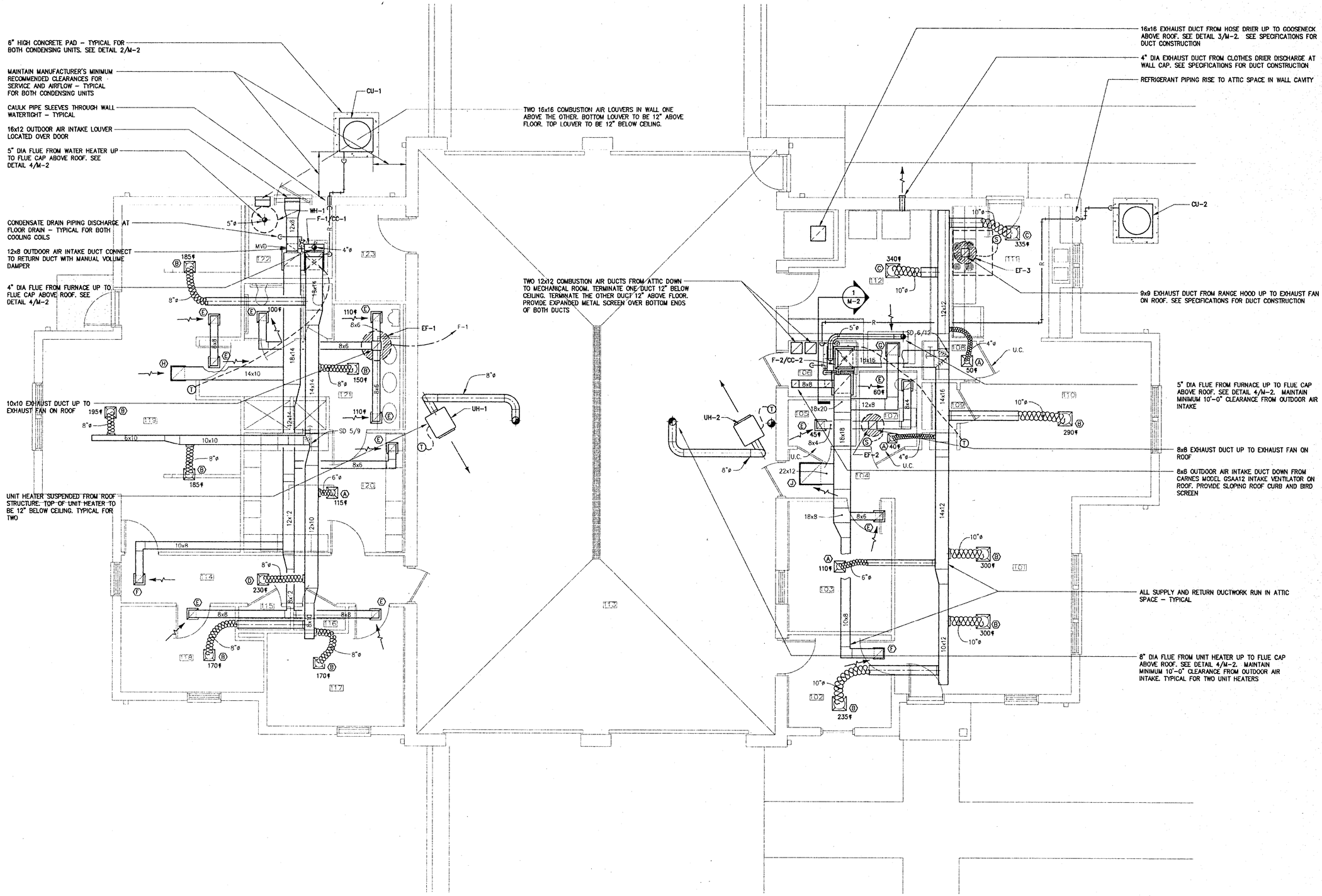
SPENCER ENGINEERING, INC.

FIRE STATION
FOR MACON-BIBB CO. FIRE DEPARTMENT
MACON, GEORGIA

LEGEND, SCHEDULE AND DETAILS

BRITTAIN THOMPSON BRAY BROWN INC.
ARCHITECTS PLANNERS
Charles H. Brittain AIA
C. Sammy Thompson AIA
E. Riley Bray AIA
Robert W. Brown AIA/ASLA
MACON, GEORGIA

SHEET No. P-2
OF ____
DATE:
REVISED:
PROJECT No. 97-027



FIRE STATION
FOR MACON-BIBB CO. FIRE DEPARTMENT
MACON, GEORGIA

MECHANICAL FLOOR PLAN

BRITTAIN THOMPSON BRAY BROWN INC.

ARCHITECTS PLANNERS

Charles H. Brittain AIA
C. Sammy Thompson AIA
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MACON, GEORGIA

SHEET No. M-1
OF ____
DATE:
REVISED:

PROJECT No. 97-122

SPENCER ENGINEERING, INC.

MECHANICAL LEGEND

D	CONDENSATE DRAIN PIPING
R	REFRIGERANT PIPING
	DROPPING OR RISING PIPE
	PIPE SLEEVE THROUGH WALL
24x12	RECTANGULAR DUCT SIZE: FIRST DIMENSION IS SIDE DRAWN
	SQUARE DUCT ELBOW WITH TURNING VANES
MVD	MANUAL VOLUME DAMPER
30/12	SPLITTER DAMPER WITH SPLIT DIMENSIONS SHOWN
	FLEXIBLE DUCT RUNOUT
	EQUIPMENT ON ROOF ABOVE
CFM	CUBIC FEET PER MINUTE
T	WALL MOUNTED THERMOSTAT
S	WALL MOUNTED SWITCH
APPROX	APPROXIMATE
CFM	CUBIC FEET PER MINUTE
HP	HORSE POWER
IN. WG	INCHES WATER COLUMN
MBH	THOUSAND BTU'S/HOUR
MIN	MINIMUM
RA	RETURN AIR
RPM	REVOLUTIONS PER MINUTE
SA	SUPPLY AIR
°F	DEGREES FAHRENHEIT

FURNACE SCHEDULE

MARK	CARRIER MODEL NUMBER	HEATING INPUT MBH	HEATING OUTPUT MBH	SUPPLY CFM	OA CFM	APPROX. ESP. IN. WG	MOTOR HP	NOTES
F-1	58GFA086	84.0	68.0	1400	320	0.7"	1/2	1:2:3:
F-2	58GFA130	126.0	101.0	2000	120	0.7"	3/4	1:2:3:

1. UPFLOW FURNACE WITH TOP DISCHARGE AND SIDE INLET
2. HEATING CAPACITIES BASED ON FIRING NATURAL GAS
3. PROVIDE FILTER RACK WITH 1" THICK DISPOSABLE FILTERS.

COOLING COILS/CONDENSING UNITS SCHEDULE

MARK	CARRIER MODEL NUMBER	MARK	CARRIER MODEL NUMBER	TOTAL COOLING MBH	SENSIBLE COOLING MBH	CFM	MIN EER	NOTES
CC-1	CD5A048	CU-1	38CKB048	46.2	24.7	1400	10.0	1:2:
CC-2	CD5A060	CU-2	38CKB060	50.0	40.8	2000	10.5	1:2:

1. COOLING CAPACITIES BASED ON AIR ENTERING EVAPORATOR AT 80°Fdb, 67°Fwb AND 95°F AMBIENT AIR TEMPERATURE
2. UPFLOW 'A' COIL DESIGNED TO MATE WITH TOP OUTLET OF FURNACE SCHEDULED

UNIT HEATER SCHEDULE

MARK	MODINE MODEL NO.	HEATING INPUT MBH	HEATING OUTPUT MBH	CFM	AIR Δt °F	MOTOR HP	NOTES
UH-1	PAE 225	225.0	182.2	3300	51°	1/6	1:2:3:4:5:
UH-1	PAE 225	225.0	182.2	3300	51°	1/6	1:2:3:4:5:

1. PROPELLER FAN, HORIZONTAL, SUSPENDED UNIT HEATER
2. CAPACITIES BASED ON FIRING NATURAL GAS
3. MOUNT UNIT HEATER 12'-0" ABOVE FLOOR TO BOTTOM
4. PROVIDE ADJUSTABLE DISCHARGE LOUVERS
5. PROVIDE PILOTLESS ELECTRONIC IGNITION

GRILLE SCHEDULE

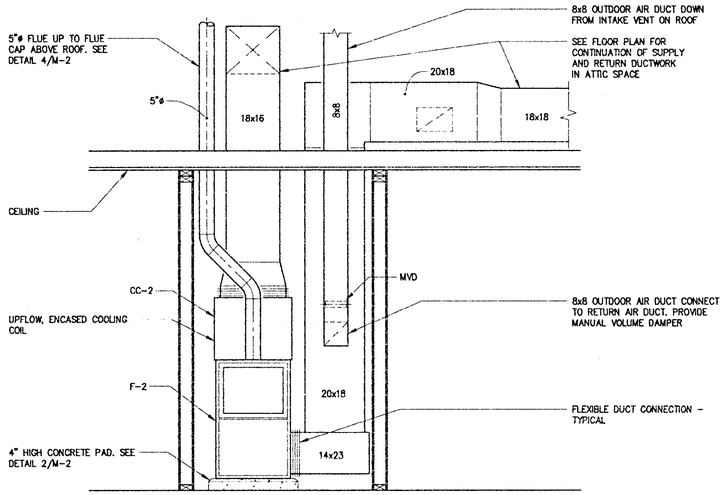
MARK	CARNES MODEL NO.	SIZE	THROW	FINISH	NOTES
A	SAFA-40	6x6	4-WAY	WHITE	1:2:3:4:
B	SAFA-40	9x9	4-WAY	WHITE	1:2:3:4:
C	SAFA-40	12x12	4-WAY	WHITE	1:2:3:4:
D	SAFA-20	9x9	2-WAY	WHITE	1:2:3:4:8:
E	SPPA-200	8x8	–	WHITE	3:4:5:6:7:
F	SPPA-200	10x10	–	WHITE	3:4:5:6:7:
G	SPPA-200	12x12	–	WHITE	3:4:5:6:7:
H	SPPA-200	14x14	–	WHITE	3:4:5:6:7:
J	SPPA-200	22x22	–	WHITE	3:4:5:6:7:

1. SQUARE, LOUVER FACE, ALUMINUM CEILING SUPPLY DIFFUSER
2. ROUND NECK
3. PROVIDE OPPOSED BLADE STEEL VOLUME DAMPER
4. FLANGED FRAME FOR SURFACE MOUNTING
5. STEEL, PERFORATED FACE CEILING RETURN OR EXHAUST REGISTER
6. FACTORY PAINTED FLAT BLACK INTERIOR
7. SQUARE NECK
8. TWO-WAY THROW IS TWO-WAY OPPOSITE

EXHAUST FAN SCHEDULE

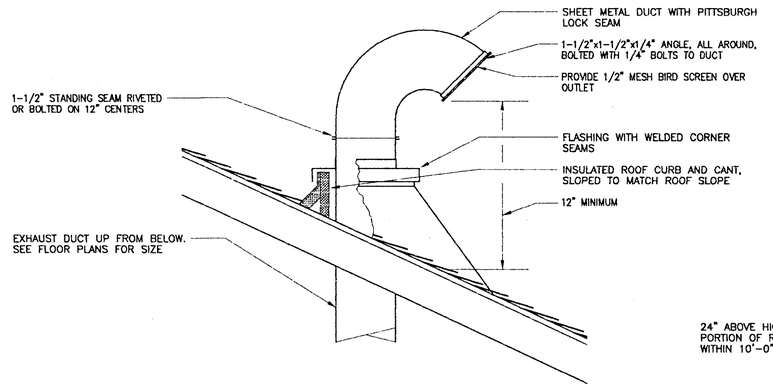
MARK	CARNES MODEL NUMBER	CFM	APPROX. ESP IN. WG	FAN RPM	MOTOR HP	MAX. SONES	NOTES
EF-1	VEDK-08-J2	320	0.25"	1000	1/8	4.5	1:2:3:4:5:
EF-2	VEDK-06-F3	100	0.25"	800	1/20	3.5	1:2:3:4:5:
EF-3	VUBK-12-M1	1100	0.70"	1400	1/3	10.5	1:3:7:8:

1. ROOF MOUNTED CENTRIFUGAL EXHAUST FAN
2. DIRECT DRIVE
3. PROVIDE ROOF CURB, SLOPED TO MATCH ROOF SLOPE
4. PROVIDE BIRD SCREEN AND GRAVITY BACKDRAFT DAMPER
5. INTERLOCK FAN WITH FURNACE F-1. SEE SPECIFICATIONS
6. OPERATE FAN FROM 15 MINUTE WALL MOUNTED TIMER. SEE SPECIFICATIONS
7. ADJUSTABLE BELT DRIVE
8. UPBLAST EXHAUST FAN WITH INTEGRAL GREASE TROUGH

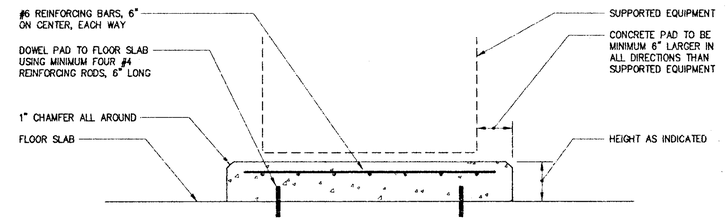


1/M-2 SECTION
SCALE: – 1/2"=1'–0"

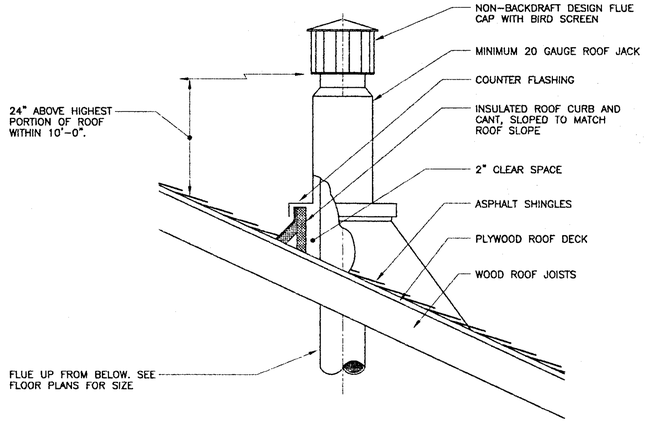
NOTE: THIS SECTION TYPICAL FOR INSTALLATION OF F-1/CC-1 AND F-2/CC-2.



3/M-2 GOOSENECK DETAIL
SCALE: NONE



2/M-2 CONCRETE PAD DETAIL
SCALE: NONE



4/M-2 FLUE THROUGH ROOF DETAIL
SCALE: NONE

SPENCER ENGINEERING, INC.

FIRE STATION FOR MACON-BIBB CO. FIRE DEPARTMENT

MACON, GEORGIA

LEGEND, SCHEDULES AND DETAILS

BRITTAIN THOMPSON BRAY BROWN INC.

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MACON, GEORGIA

SHEET No. M-2
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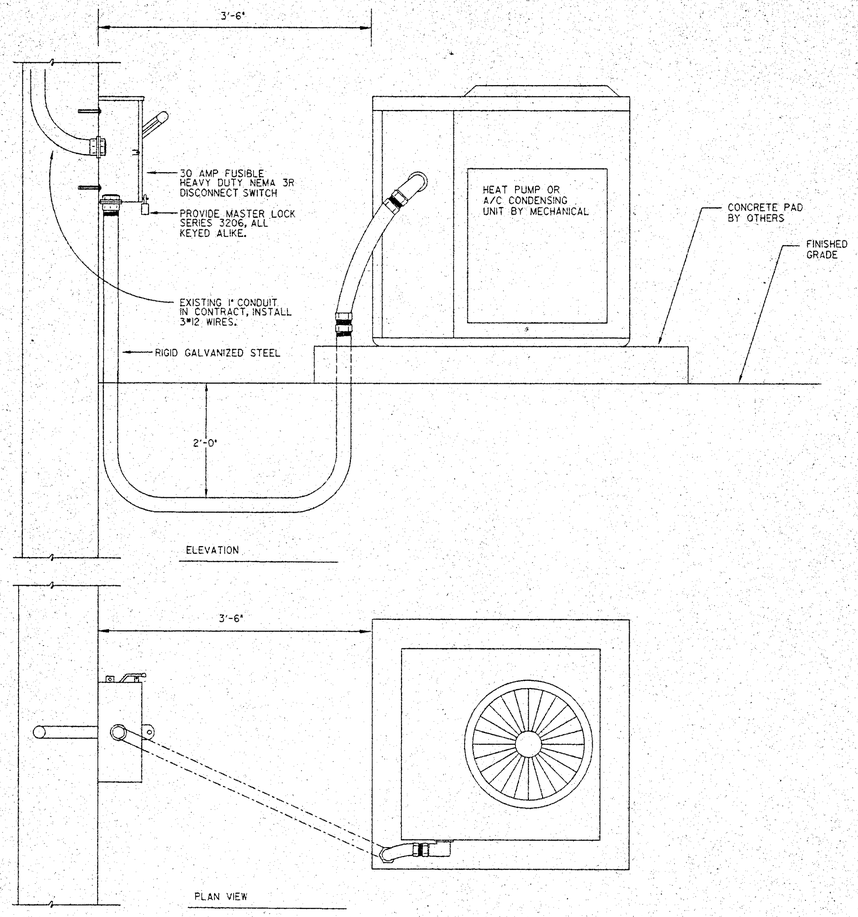
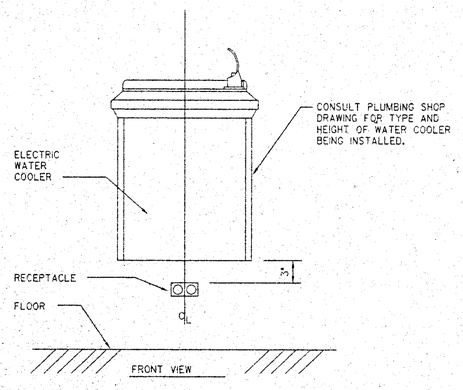
PROJECT No. 97027



1 / E-1 DETAIL - OUTDOOR CONDENSING UNIT

NOT TO SCALE

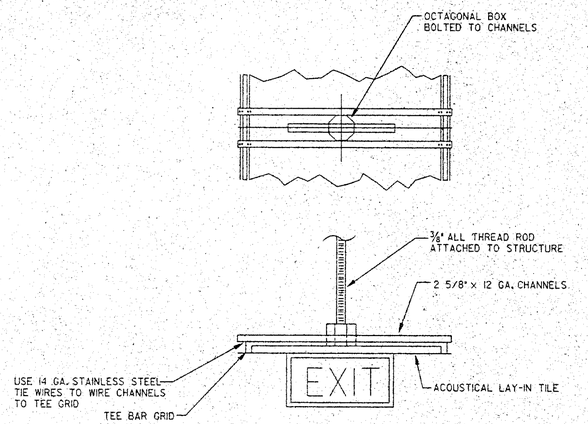


2 / E-1 RECEPTACLE LOCATION @ ELECTRIC WATER COOLER

NOT TO SCALE

LIGHTING FIXTURE SCHEDULE

TYPE	DESRIPTION	MANUFACTURER
A		
B	RECESSED MOUNTED FLUORESCENT 4' LENGTH, GASKETED LAMPS: 2-32 WATT, T-8, 3500 DEG K	LITHONIA CAT. #BTOS-240 W/ 2 EA.-WG9 OR METALUX
C	SURFACE MOUNTED FLUORESCENT LAMPS: (4) F40 WW/RS/ WM	LITHONIA CAT. #SB-440 OR METALUX
D	SAME AS TYPE C EXCEPT LAMP (2) F40WW/RS/WM	LITHONIA CAT. #SB-240 OR METALUX
E	WALL BRACKET MOUNT INCANDESCENT GND. CONVIENCE OUTLET LAMP: (2) 75W-A19	PRESCOLITE #WB-19 OR METALUX
F	SURFACE MOUNTED OR WALL MOUNTED FLUORESCENT, 4'-0" SINGLE LAMP LAMP: (1) F40WW/RS/WM	LITHONIA CAT. #S-140HRS OR METALUX
G	SURFACE MOUNTED EXIT LIGHT	LITHONIA MSIG120 OR SURELITE
H	WALL BRACKET MOUNTED FIXTURE FOR WET LOCATION LAMP: (1) 100W-A19	PRESCOLITE #WB-48 OR HALO
J	WALL BRACKET MOUNTED FIXTURE FOR WET LOCATION LAMP: (1) 150W-A19	THOMAS IND. #M-5360-1 OR EQUAL
K	OUTDOOR DECORATIVE POLE MOUNTED FIXTURE, 8' POLE CONCRETE BASE, PHOTOCELL CONTROL LAMP: (1) W 100/MED B-17	G.E. #PM 17-100-S-PE-R-A-MN3-GR OR McGRAW-EDISON
L	SURFACE MOUNTED INCANDESCENT DRUM LAMP (1) 60W-A19	PRESCOLITE CAT. #7808



3 / E-1 EXIT LIGHT MOUNTING DETAIL

NOT TO SCALE

ELECTRICAL LEGEND

LIGHTING AND POWER

- CONDUIT RUN CONCEALED ABOVE CEILING OR IN WALL, HASH MARKS INDICATE NUMBER OF CONDUCTORS. (3 WIRE UNLESS SHOWN)
- CONDUIT RUN CONCEALED BELOW FLOOR SLAB, OR UNDERGROUND.
- A-2,4 — HOMERUN TO PANELBOARD, LETTER OR LETTERS INDICATE PANELBOARD. NUMBERS INDICATES CIRCUIT NUMBERS.
- EXPOSED CONDUIT RUN.
- E — LIGHTING FIXTURE, 'E' INDICATES THE FIXTURE TYPE.
- FLUORESCENT FIXTURE, SURFACE OR STEM MOUNTED. HASH MARK IN FIXTURE DENOTES EMERGENCY FIXTURE.
- LIGHTING FIXTURE, WALL BRACKET MOUNTED. (MOUNTING HEIGHT AS NOTED ON DRAWINGS.)
- EMERGENCY LIGHTING UNIT, DUAL HEAD UNIT.
- EXIT LIGHT. ARROWS, WHERE SHOWN, INDICATE DIRECTION OF EGRESS.
- JUNCTION BOX, FLUSH WALL MOUNTED.
- JUNCTION BOX LOCATED ABOVE CEILING.
- DUPLEX CONVENIENCE OUTLET, +18" TO CENTERLINE OF OUTLET UNLESS OTHERWISE NOTED. "WP" WHERE SHOWN INDICATES WEATHERPROOF.
- DUPLEX CONVENIENCE OUTLET. MOUNTED ABOVE COUNTER AT +46".
- QUADRUPLEX CONVENIENCE OUTLET. +18" TO CENTERLINE UNLESS OTHERWISE NOTED.
- DUPLEX CONVENIENCE OUTLET, GFI TYPE. +18" TO CENTERLINE UNLESS OTHERWISE NOTED.
- DUPLEX CONVENIENCE OUTLET, GFI TYPE. MOUNTED ABOVE COUNTER. MOUNT AT 46" ABOVE FINISHED FLOOR.
- MANUAL MOTOR STARTER. +3'-6" MOUNTING HEIGHT.
- SPECIAL OUTLET IN FLUSH FLOOR BOX.
- $ — SINGLE POLE TOGGLE SWITCH, 3'-6" MOUNTING HEIGHT.
- $3, $4 — THREE OR FOUR WAY SWITCH AS INDICATED. +3'-6" MOUNTING HEIGHT. SPECIAL RECEPTACLE TO SUIT EQUIPMENT FURNISHED. SEE SPECIFICATIONS FOR LOCKING RECEPTACLE REQUIRED AT THRU-WALL UNITS.
- PANELBOARD, SEE SCHEDULE.
- T — TRANSFORMER, SEE RISER DIAGRAM FOR SIZE AND VOLTAGE.
- DISCONNECT SWITCH, SIZE AS NOTED ON DRAWINGS.
- M — MOTOR
- FAN

TELEPHONE AND COMPUTER SYSTEM

- TELEPHONE OUTLET, FLUSH WALL MOUNTED AT 48" TO CENTER LINE OF OUTLET.
- TELEPHONE OUTLET, FLUSH WALL MOUNTED AT +18" TO CENTER LINE OF OUTLET.
- PLYWOOD BACKBOARD, "TB" INDICATES TELEPHONE BOARD.

SOUND SYSTEM

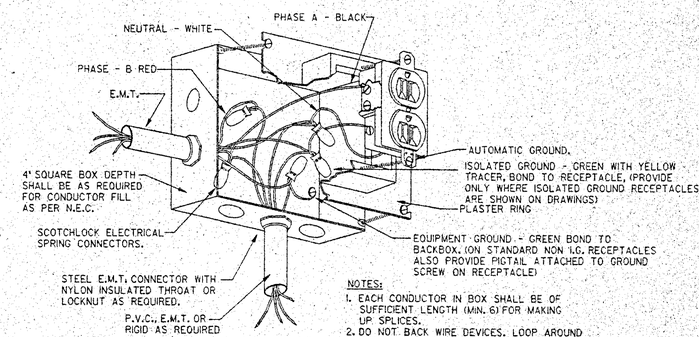
- S — SPEAKER, CEILING RECESSED.
- SWP — SPEAKER, FLUSH WALL MOUNTED.
- V — VOLUMN CONTROL, MOUNTED +3'-6" ABOVE FLOOR.

FIRE ALARM

- SN — FIRE ALARM SMOKE DETECTOR, CEILING MOUNTED, STAND ALONE WITH 9 VOLT BATTERY BACKUP.

TELEVISION SYSTEM

- TV — TELEVISION OUTLET, +18" TO CENTER LINE, UNLESS OTHERWISE NOTED.



NOTES:
1. EACH CONDUCTOR IN BOX SHALL BE OF SUFFICIENT LENGTH (MIN. 6) FOR MAKING UP SPLICES.
2. DO NOT BACK WIRE DEVICES. LOOP AROUND TERMINAL SCREWS.
3. FACE OF PLASER RING SHALL BE FLUSH WITH WALL.

4 / E-1 RECEPTACLE CONNECTION DETAIL

NOT TO SCALE

GEORGIA REGISTERED NO. 23199 PROFESSIONAL ENGINEER JEFFREY H. MCGEE

FIRE STATION
MACON-BIBB CO. FIRE DEPARTMENT
MACON, GEORGIA

FOR MA

BRITTAIN THOMPSON BRAY BROWN INC.

ARCHITECTS PLANNERS

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E. Riley Bray AIA
Robert W. Brown AIA/ASLA

MACON, GEORGIA

SHEET No. E-1

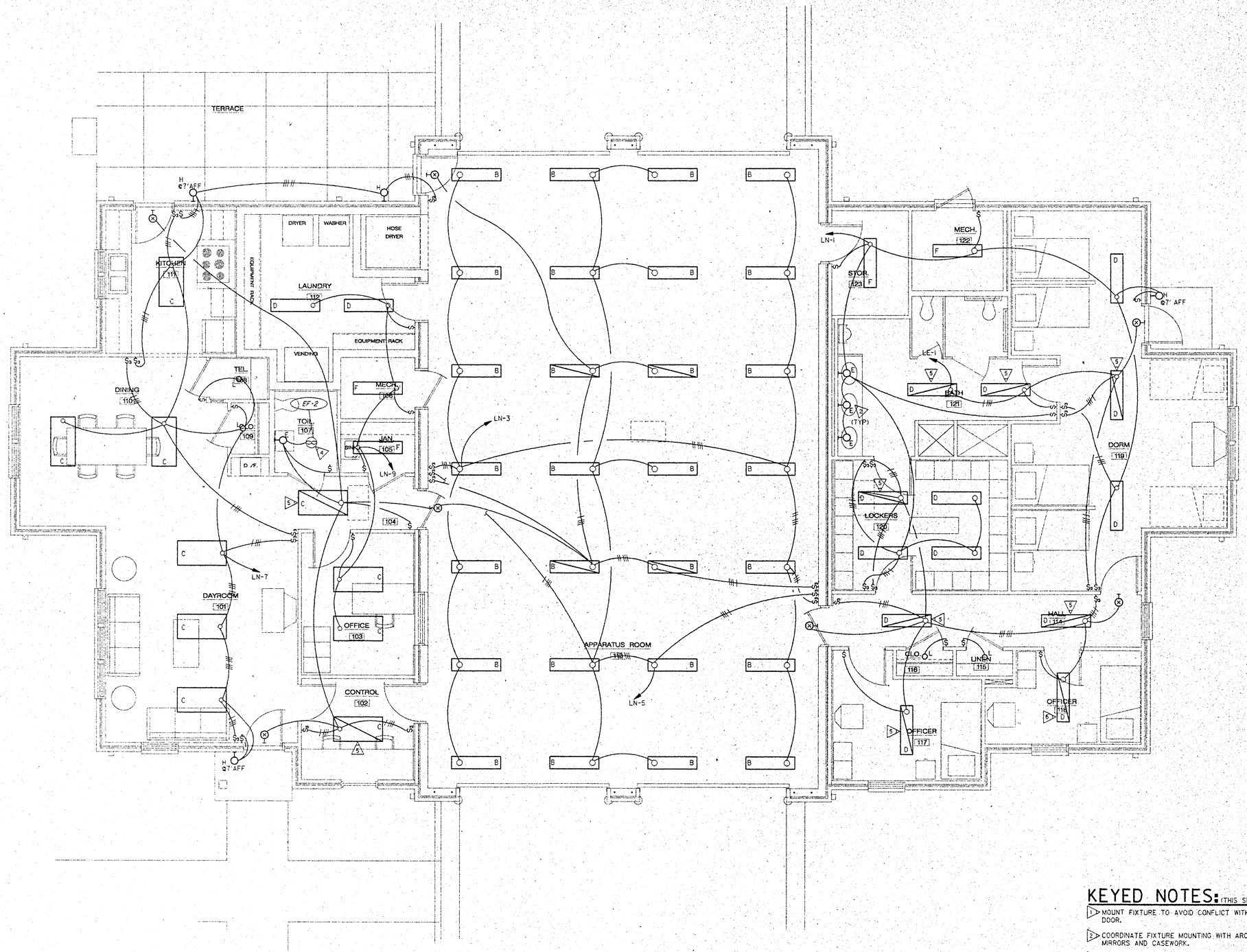
OF

DATE:

REVISED:

PROJECT No. 97-030

ELECTRICAL DESIGN CONSULTANTS
CONSULTING ENGINEERS
2719 SHERATON DRIVE
BUILDING 'C', SUITE 250
MACON, GA 31204



LIGHTING FLOOR PLAN - LIGHTING

1/E-3 SCALE: 1/4"=1'-0"

KEYED NOTES: (THIS SHEET ONLY)

1. MOUNT FIXTURE TO AVOID CONFLICT WITH OVERHEAD DOOR.
2. COORDINATE FIXTURE MOUNTING WITH ARCHITECTURAL MIRRORS AND CASEWORK.
3. REFERENCE ARCH. REFLECTED CEILING PLAN FOR EXACT PLACEMENT OF LIGHT FIXTURES, OUTLETS AND DEVICES.
4. CONNECT TO EXHAUST FAN. SEE DWG. E-3 KEY NOTE (6)
5. WIRE CONDUIT LIGHTS TO COME ON UPON A FIRE PHONE ALARM, REGARDLESS OF SWITCH POSITION. SEE RISER ON SHEET E-4. LAMPS, 130 VOLT.

GEORGIA REGISTERED NO. 23199 PROFESSIONAL ENGINEER JEFFREY H. MCGEE

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SHEET No. E-2 OF

DATE:
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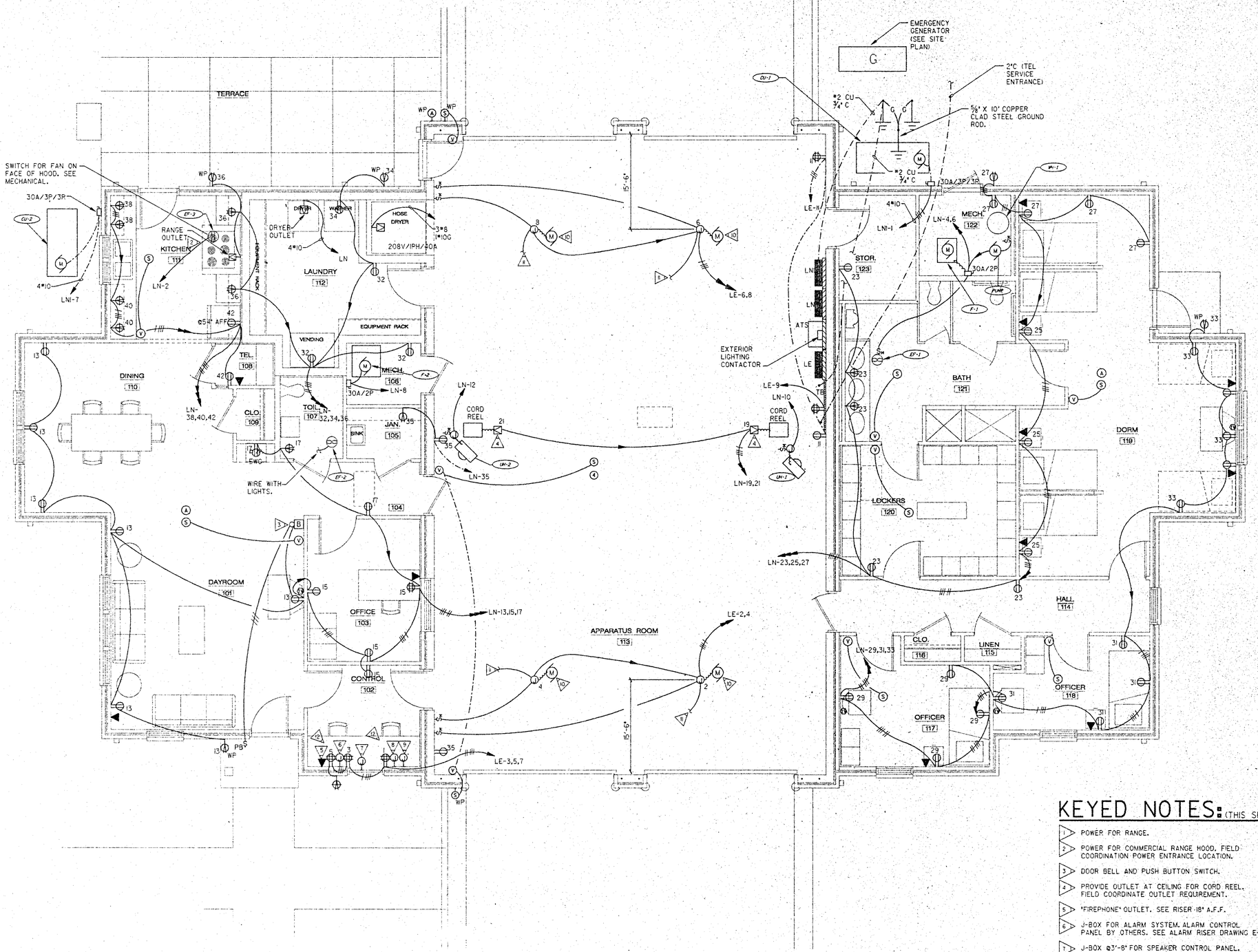
PROJECT No. 97-030

ELECTRICAL DESIGN CONSULTANTS
CONSULTING ENGINEERS
2719 SHERATON DRIVE
BUILDING 'C', SUITE 250
MACON, GA 31204



FLOOR PLAN - POWER & SYSTEMS

1/E-3 SCALE: 1/8"=1'-0"

KEYED NOTES: (THIS SHEET ONLY)

1. POWER FOR RANGE.
2. POWER FOR COMMERCIAL RANGE HOOD. FIELD COORDINATION POWER ENTRANCE LOCATION.
3. DOOR BELL AND PUSH BUTTON SWITCH.
4. PROVIDE OUTLET AT CEILING FOR CORD REEL. FIELD COORDINATE OUTLET REQUIREMENT.
5. "FIREPHONE" OUTLET. SEE RISER #8" A.F.F.
6. J-BOX FOR ALARM SYSTEM. ALARM CONTROL PANEL BY OTHERS. SEE ALARM RISER DRAWING E-4.
7. J-BOX @3'-8" FOR SPEAKER CONTROL PANEL. SEE DRAWING E-1 FOR SPEAKER RISER.
8. PROVIDE 2" PVC FROM J-BOX @3'-8" IN CONTROL ROOM 101 TO WEATHERPROOF J-BOX LOCATED AT BASE OF TOWER. SEE SITE PLAN.
9. J-BOX @3'-8" FOR FUTURE MOTORIZED DOORS CONTROL.
10. POWER DOOR MOTOR.
11. ¾" CONDUIT TO JUNCTION BOX AT CONTROL DESK. (SEE NOTE 9)
12. LOCATE JUNCTION BOXES AND OUTLETS UNDER KNEE SPACE OF DESK. SEE ARCHITECTURAL ELEVATIONS.

ELECTRICAL DESIGN CONSULTANTS
CONSULTING ENGINEERS
2719 SHERATON DRIVE
BUILDING "C", SUITE 250
MACON, GA 31204

GEORGIA REGISTERED NO. 23199 PROFESSIONAL ENGINEER JEFFREY H. MCGEE

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MACON, GEORGIA

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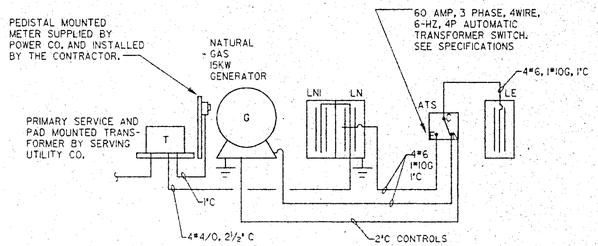
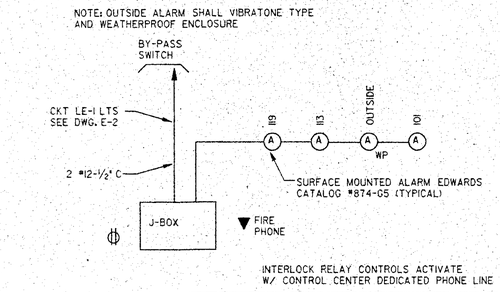


1 / E-4 POWER RISER DIAGRAM

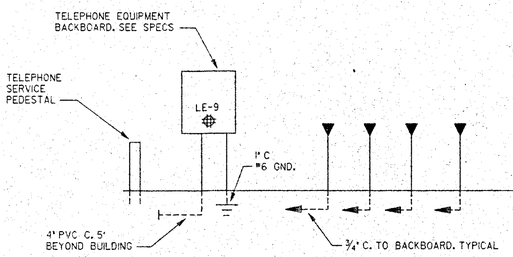
NOT TO SCALE



NOTE: SET RELAYS TO OVERRIDE SWITCHES, FED FROM ALL LIGHTING CIRCUITS IN PANEL 'LE' ALL TO ACTIVATE WITH CONTROL CENTER DEDICATED TELEPHONE.

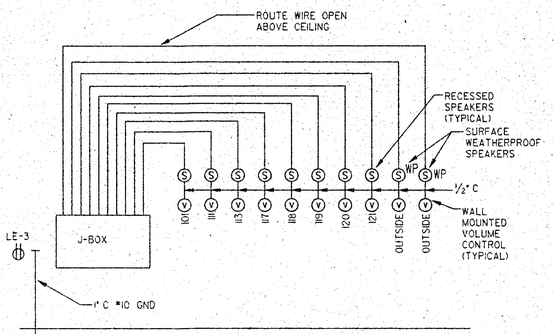
2 / E-4 FIRE PHONE ALARM RISER

NOT TO SCALE



3 / E-4 TELEPHONE RISER

NOT TO SCALE



4 / E-4 SPEAKER RISER

NOT TO SCALE

NOTES: (SPEAKER RISER DETAIL ONLY)

1. ALL SPEAKERS SHALL BE DUKANE OR EQUAL
2. SPEAKERS SHALL HAVE UNINSULATED BACKBOX AND PAINTED GRILLE.
3. SPEAKER WIRE SHALL BE BELDEN CATALOG #8781 SPEAKER WIRE OR EQUAL.
4. SPEAKERS SHALL BE 8 OHM, 20 TO 1500 CYCLES AND 20-30 WATTS.
5. VOICE CONTROLS SHALL BE STEP TRANSFORMER TYPE.
6. CONTROL EQUIPMENT AND INTERLOCKING WITH TEL/RADIO SYSTEMS BY OTHERS

VOLTAGE 208/120 PHASE 3 WIRE 4 BUS AMPS 60 — PANEL LE — MAIN AMPS 60 — LOCATION 113 MOUNTING SURFACE MAIN BREAKER

DESCRIPTION	VOLT AMPS A	VOLT AMPS B	VOLT AMPS C	BRKR AMP	BRKR P	CKT NO.	BUS CONN.	CKT NO.	BRKR P	BRKR AMP	VOLT AMPS C	VOLT AMPS B	VOLT AMPS A	DESCRIPTION
EMER LIGHTS	1400			20	1	1		2	1	20			1200	DOOR
CONTROL RECEPT.		400		20	1	3		4	1	20		1200		DOOR
CONTROL RECEPT.			400	20	1	5		6	1	20	1200			DOOR
CONTROL RECEPT.	400			20	1	7		8	1	20			1200	DOOR
TEL BACKBOARD		500		20	1	9		10	1					SPARE
RECEPTACLE			400	20	1	11		12	1					SPARE
SPARE				20	1	13		14						SPACE
SPARE				20	1	15		16						SPACE
SPARE				20	1	17		18						SPACE
						19		20						
						21		22						
						23		24						
						25		26						
						27		28						
						29		30						
						31		32						
						33		34						
						35		36						
						37		38						
						39		40						
						41		42						
TOTALS														

VOLT AMPS: BUS A ____ BUS B ____ BUS C ____ TOTAL ____ REMARKS:

VOLTAGE 208/120 PHASE 3 WIRE 4 BUS AMPS 225 — PANEL LN — MAIN AMPS 225 — LOCATION 113 MOUNTING SURFACE MAIN BREAKER

DESCRIPTION	VOLT AMPS A	VOLT AMPS B	VOLT AMPS C	BRKR AMP	BRKR P	CKT NO.	BUS CONN.	CKT NO.	BRKR P	BRKR AMP	VOLT AMPS C	VOLT AMPS B	VOLT AMPS A	DESCRIPTION
LIGHTS	1300			20	1	1		2	1	20			900	RANGE HOOD
LIGHTS		700		20	1	3		4	1	20		500		PUMP
LIGHTS			1000	20	1	5		6	1	20	1500			F-1, EF-1
LIGHTS	1300			20	1	7		8	1	20			1800	F-2
LIGHTS		700		20	1	9		10	1	20		500		UH-1
LIGHTS			1200	20	1	11		12	1	20	500			UH-2
RECEPTACLES	1400			20	1	13		14	1	20			1000	EXTERIOR LTS
RECEPTACLES		800		20	1	15		16	1	20		1000		EXTERIOR LTS
RECEPTACLES			1500	20	1	17		18	1	20	1000			EXTERIOR LTS
CORD REEL	1500			20	1	19		20	1	20				SPARE
CORD REEL		1500		20	1	21		22	2	30		2000		DRYER
RECEPTACLES			1000	20	1	23		24			2000			
RECEPTACLES	600			20	1	25		26						SPARE
RECEPTACLES		600		20	1	27		28						SPARE
RECEPTACLES			800	20	1	29		30						SPARE
RECEPTACLES	800			20	1	31		32	1	20			1500	RECEPTACLE
RECEPTACLES		1200		20	1	33		34	1	20		1500		RECEPTACLE
RECEPTACLES			400	20	1	35		36	1	20	1500			RECEPTACLE
PANEL LE	5200					37		38	1	20			1500	KITCHEN RECEP.
		2100				39		40	1	20		1500		KITCHEN RECEP.
			2000			41		42	1	20	1500			REFRIG
TOTALS														

VOLT AMPS: BUS A 21800 BUS B 16600 BUS C 18000 TOTAL 56400 REMARKS: S.E. RATED PANELBOARD

VOLTAGE 208/120 PHASE 3 WIRE 4 BUS AMPS 225 — PANEL LNI — MAIN AMPS 225 — LOCATION 113 MOUNTING SURFACE MAIN LUGS

DESCRIPTION	VOLT AMPS A	VOLT AMPS B	VOLT AMPS C	BRKR AMP	BRKR P	CKT NO.	BUS CONN.	CKT NO.	BRKR P	BRKR AMP	VOLT AMPS C	VOLT AMPS B	VOLT AMPS A	DESCRIPTION
CU-1	2000			30	3	1		2						
		2000				3		4						
			2000			5		6						
CU-2	2000			30	3	7		8						
		2000				9		10						
			2000			11		12						
						13		14						
						15		16						
						17		18						
						19		20						
						21		22						
						23		24						
						25		26						
						27		28						
						29		30						
						31		32						
						33		34						
						35		36						
						37		38						
						39		40						
						41		42						
TOTALS														

VOLT AMPS: BUS A ____ BUS B ____ BUS C ____ TOTAL ____ REMARKS:

GEORGIA REGISTERED NO. 23199 PROFESSIONAL ENGINEER JEFFREY H. MCGEE

FIRE STATION
MACON-BIBB CO. FIRE DEPARTMENT
MACON, GEORGIA

FOR

BRITTAIN THOMPSON BRAY BROWN INC.

ARCHITECTS PLANNERS

Charles H. Brittain AIA
C. Sammy Thompson AIA
E. Riley Bray AIA
Robert W. Brown AIA/ASLA

MACON, GEORGIA

SHEET No. E-4 OF ____

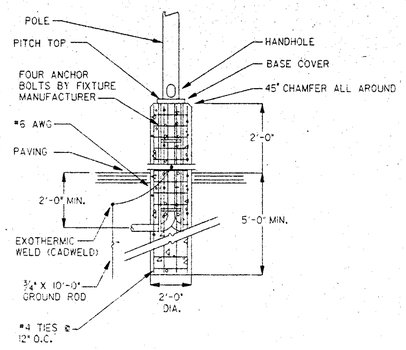
DATE:
REVISED:

PROJECT No. 97-030

ELECTRICAL DESIGN CONSULTANTS
CONSULTING ENGINEERS
2719 SHERATON DRIVE
BUILDING "C", SUITE 250
MACON, GA 31204

KEYED NOTES: (THIS SHEET ONLY)

1. BUILDING LIGHT: PROVIDE 400 WATT METAL HALIDE ARCHITECTURALLY STYLED. FIXTURE TO BE COLORED BLACK WITH A POLYCARBONATE SHIELD. MOUNT FLOOD LIGHT ON A 3" OUTSIDE DIAMETER x18' STANCHION, ALUMINUM, WITH ½" N.P.S.M FIXTURE MOUNT; TOP AT 6" ABOVE SUPPORT. CAST STANCHION INTO 24" DEEP x 12" ROUND CHAMFERED SUPPORT WITH CONCRETE TOP AT 6" ABOVE GRADE. MANUFACTURES: KIM AFL SERIES, LITHONIA, McGRAW-EDISON.
2. FLAG LIGHT: PROVIDE 400 WATT METAL HALIDE ARCHITECTURALLY STYLED. FIXTURE TO BE COLORED BLACK WITH A POLYCARBONATE SHIELD. MOUNT FLOOD LIGHT ON A 3" OUTSIDE DIAMETER x18' STANCHION, ALUMINUM, WITH ½" N.P.S.M FIXTURE MOUNT; TOP AT 6" ABOVE SUPPORT. CAST STANCHION INTO 24" DEEP x 12" ROUND CHAMFERED SUPPORT WITH CONCRETE TOP AT 6" ABOVE GRADE. FIXTURE TO BE SET BACK FROM THE FLAG POLE 1/3 OF THE POLE HEIGHT. MANUFACTURES: KIM AFL SERIES, LITHONIA, McGRAW-EDISON.
3. SIGN LIGHT: PROVIDE 175 WATT METAL HALIDE ARCHITECTURALLY STYLED. FIXTURE TO BE COLORED BLACK WITH A POLYCARBONATE SHIELD. MOUNT FLOOD LIGHT ON A 3" OUTSIDE DIAMETER x18' STANCHION, ALUMINUM, WITH ½" N.P.S.M FIXTURE MOUNT; TOP AT 6" ABOVE SUPPORT. CAST STANCHION INTO 24" DEEP x 12" ROUND CHAMFERED SUPPORT WITH CONCRETE TOP AT 6" ABOVE GRADE. MANUFACTURES: KIM AFL SERIES, LITHONIA, McGRAW-EDISON.
4. ROUTE CIRCUIT THRU PHOTOCELL AND 6 POLE LIGHTING CONTRACTOR FOR CONTROL OF EXTERIOR FIXTURES.



2 / E-5 POLE BASE DETAIL
NOT TO SCALE

20 0 20 40 60
GRAPHIC SCALE IN FEET

1 / E-5 ELECTRICAL SITE PLAN - MT. PLEASANT CHURCH RD.
SCALE: 1" = 20'-0"

GEORGIA REGISTERED NO. 23199 PROFESSIONAL ENGINEER JEFFREY F. MOSE

FIRE STATION
MACON-BIBB CO. FIRE DEPARTMENT
MACON, GEORGIA

FOR MACON-BIBB CO. FIRE DEPARTMENT

BRITTAIN THOMPSON BRAY BROWN INC.

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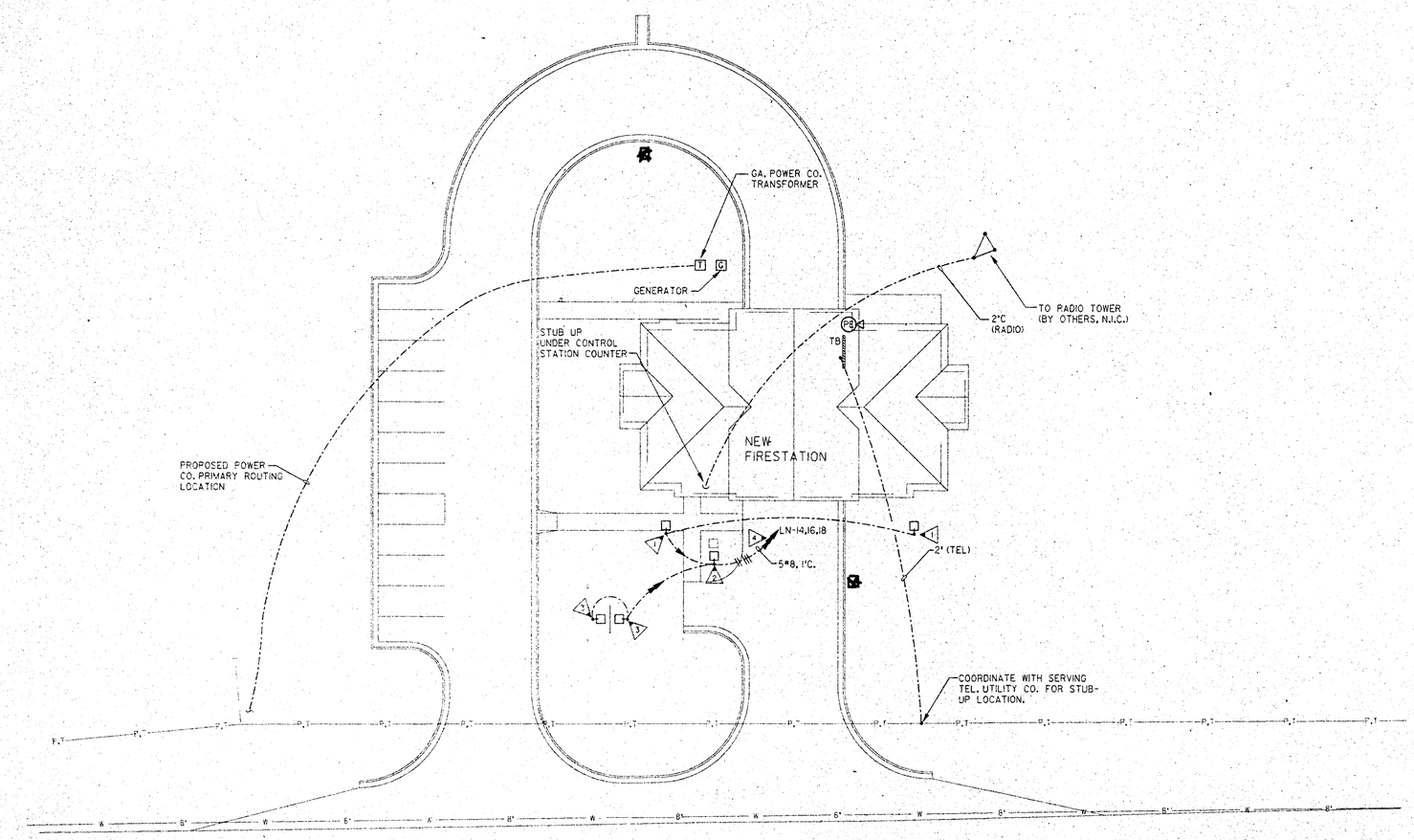
MACON, GEORGIA

SHEET No. E-5 OF

DATE:
REVISED:

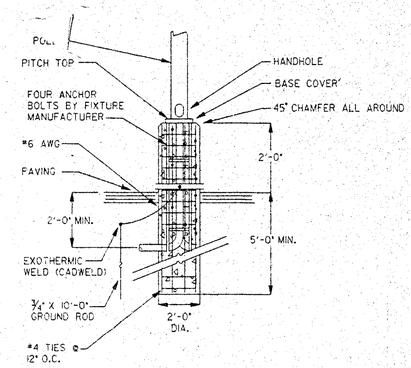
PROJECT No. 97-030

ELECTRICAL DESIGN CONSULTANTS
CONSULTING ENGINEERS
2719 SHERATON DRIVE
BUILDING "C", SUITE 250
MACON, GA. 31204



1 / E-6 ELECTRICAL SITE PLAN - NORTHSIDE DRIVE

SCALE: 1"=20'-0"



2 / E-6 POLE BASE DETAIL

NOT TO SCALE

KEYED NOTES: (THIS SHEET ONLY)

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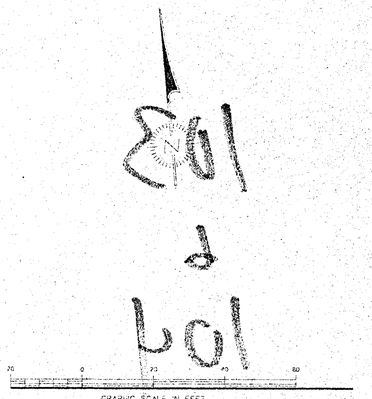

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SHEET No. E-6
OF
DATE:
REVISED:

PROJECT No. 97-030