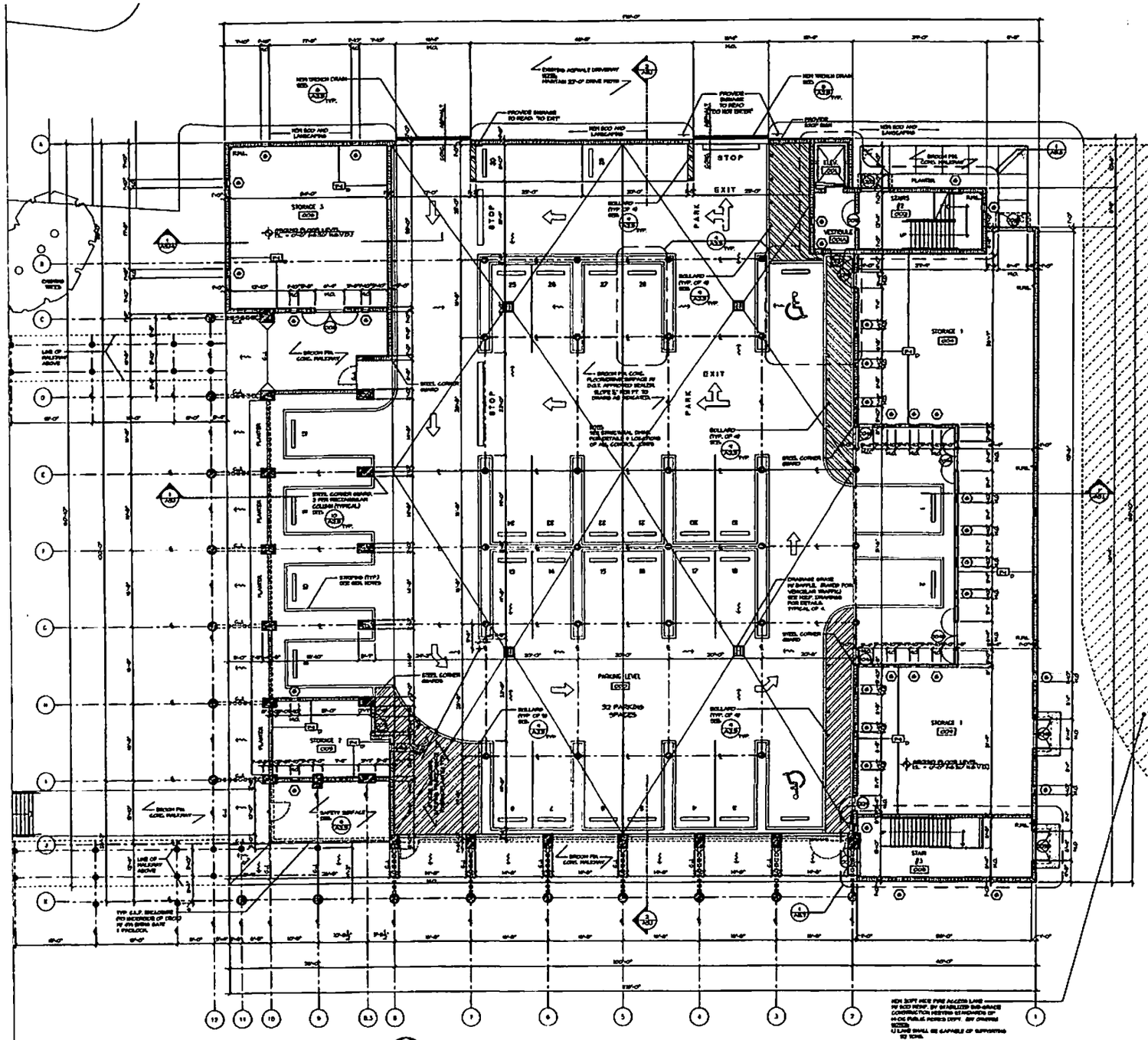
12. Building Plans



GYMATORIUM - GROUND FLOOR PLAN (PARKING LEVEL)

FLOOD ZONE

1) PARKING GARAGE COMPLY FLOOD CRITERIA ELEVATION 8.40 FEET NAVD, AS SHOWN ON THE MIAMI-DADE COUNTY MANAGEMENT GUIDE, NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAPS, COMMUNITY NO. 120651 PANEL 0270, SUFFIX "J", MAP REVISED NOVEMBER 2, 1990, BOCA MAP REVISED JULY 19, 1991

2) THE SUBJECT PROPERTY IS LOCATED IN FLOOD ZONES "AH" AND "VAH" BASE FLOOD ELEVATION DETERMINED = 4.0 FEET NAVD(1) THE LOWEST OCCUPIED FLOOR ELEVATION OF THE BUILDING IS 4'0" NAVD.

F.A.C. 9J5.1 - STATEWIDE MINIMUM STANDARDS REQUIRED FOR EXTERIOR WALLS HOLD FLOOD INSURANCE. THIS CODE SPECIFICALLY REFERS TO THE AUTHORITY GRANTED TO LOCAL GOVERNMENT BY TITLE 44 CFR, SECTIONS 59 AND 60.

CODE OF FEDERAL REGULATIONS
TITLE 44, EMERGENCY MANAGEMENT & ASSISTANCE

PART 60- CRITERIA FOR LAND MANAGEMENT & USE

60.3 - FLOOD PLAIN MANAGEMENT CRITERIA FOR FLOOD-PRONE AREAS

A. (3) PERMITS FOR ALL NEW CONSTRUCTION & SUBSTANTIAL IMPROVEMENTS, SHALL BE FULLY ENCLOSED AREAS BELOW THE LOWEST FLOOR THAT ARE USABLE SOLELY FOR PARKING OF VEHICLES, BUILDING ACCESS OR STORAGE IN AN AREA OTHER THAN A BASEMENT AND WHICH ARE SUBJECT TO FLOODING SHALL BE DESIGNED TO AUTOMATICALLY EQUALIZE HYDROSTATIC FLOOD FORCES ON EXTERIOR WALLS BY ALLOWING FOR THE ENTRY & EXIT OF FLOODWATERS. CRITERIA FOR MEETING THIS REQUIREMENT MUST EITHER BE CERTIFIED BY A REGISTERED PROFESSIONAL ENGINEER OR ARCHITECT OR MEET OR EXCEED THE FOLLOWING MINIMUM CRITERIA: A MINIMUM OF 2 OPENINGS HAVING A TOTAL NET AREA OF NOT LESS THAN ONE SQUARE INCH FOR EVERY SQUARE FOOT OF ENCLOSED AREA SUBJECT TO FLOODING SHALL BE PROVIDED. THE BOTTOM OF ALL OPENINGS SHALL BE NO HIGHER THAN ONE FOOT ABOVE THE LOWEST ADJACENT EXTERIOR GRADE. OPENINGS MAY BE PROVIDED IN ANY EXTERIOR WALL. LOUVERS, VENTS, OR OTHER OPENINGS, OR DEVICES PROVIDED THAT WILL ENTER OR EXCHANGE WATER & FREE FLOW OF WATER.

FLOOD VENT AIR CALCULATIONS FOR FIRE AREA FIN. ENCLOSED AREA

Typical Flood Ventilation Size Formula

= 1'-0" x 1'-0"

= 100 sq. in. for small
= 200 in (allowance for frames, hardware, etc.)

200 sq. in. (for every 200 sq. ft. of enclosed area, min. 2 per area)
PROVIDED
See Louver Type "A" on sheet A3.2 and detail sheet 4

	REQUIRED	PROVIDED
1) VESTIBULE (200A) = 88 S.F.	2	2
2) STAIR #2 (200B) = 100 S.F.	2	2
3) STAIR #3 (200B) = 450 S.F.	3	3
4) STORAGE #1 (200C) = 2,370 S.F.	12	9
5) STORAGE #2 (200D) = 370 S.F.	2	2
6) STORAGE #3 (200E) = 370 S.F.	2	2

F.A.C. 9J5.1 - SOLID OPEN BUILDING ENVELOPE

SOLID OPENINGS. FOR SHADING, VENTILATION PURPOSES, THE EXTERIOR SIDE OF THE BUILDING OR SHALL HAVE UNIFORMLY DISTRIBUTED OPENINGS ON TWO OR MORE SIDES.

1) THE AREA OF SUCH OPENINGS IN EXTERIOR WALLS ON A TIER MUST BE AT LEAST 50% OF THE TOTAL PERIMETER WALL AREA OF EACH TIER. 2) THE AGGREGATE LENGTH OF THE OPENINGS SUBSTANTIALLY TO BE PROVIDING SHADING, VENTILATION SHALL CONSTITUTE A MINIMUM OF 40% OF THE PERIMETER OF THE TIER. 3) INTERIOR WALLS SHALL BE AT LEAST 50% OPEN FOR UNIFORMLY DISTRIBUTED OPENINGS.

EXCEPTION: OPENINGS ARE NOT REQUIRED TO BE DISTRIBUTED OVER 40% OF THE BUILDING PERIMETER PROVIDE THE REQUIRED OPENINGS ARE UNIFORMLY DISTRIBUTED OVER TWO OPPOSITE SIDES OF THE BUILDING.

CALCULATIONS

1) TOTAL PERIMETER WALL AREA OF THE PARKING LEVEL TIER = 5244 SQ. FT.

MIN. AREA REQ'D. FOR EXTERIOR WALL OPENINGS OF PARKING LEVEL TIER. 5244 SQ. FT. x 0.5000 = 2622 SQ. FT.

AREA PROVIDED = EXTERIOR WALL OPENINGS OF PARKING LEVEL TIER, 4,000 SQ. FT.

2) SEE EXCEPTION

3) TOTAL LENGTH OF INTERIOR WALLS = 405'-0"

MIN. OPENING REQ'D.
405'-0" x 0.5000 = 202'-0"

OPENING PROVIDED = INTERIOR WALLS
405'-0"

GENERAL NOTES

1) MAXIMUM DIMENSION FOR ALL DOORS SHALL NOT EXCEED 8' FOR F.A.C.9J5.

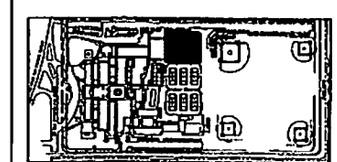
2) ALL EXPOSED COLUMNS SHALL RECEIVE A PAINTED STEEL FINISH (TYPICAL)

3) ALL STRIPING SHALL BE:
a) FOR FIRE HOSE/FIRE AND F.D.O.T. STANDARDS.
b) NON-COLLAPSE PAINT.
c) RATED FOR VEHICULAR TRAFFIC.

4) COLOR OF STRIPING SHALL BE:
a) BLUE @ A TYPICAL H.C. SPACE.
b) WHITE @ A TYPICAL STANDARD PARKING SPACE.

5) PROVIDE SIGNAGE FOR H.C.(F.S.S.) AND F.D.O.T. REQUIREMENTS.

6) SLOPES TO DRAIN SHALL BE = 0.5" PER FT. (MIN.) TYPICAL



KEY PLAN

CONSULTANT:

GILI-McGRAW ARCHITECTS, L.L.P.
4600 SOUTHWEST 72ND AVENUE, SUITE 403; MIAMI, FLORIDA 33155
TEL. 305.663.1234 FAX. 305.663.1234
LICENSE NUMBER: AAP0003492

MASTERPLAN REVISION FOR
GULLIVER ACADEMY
DRC SUBMITTAL
12555 RED ROAD
CORAL GABLES, FLORIDA 33156

SEAL:

DATE: 09.2009

REVISIONS

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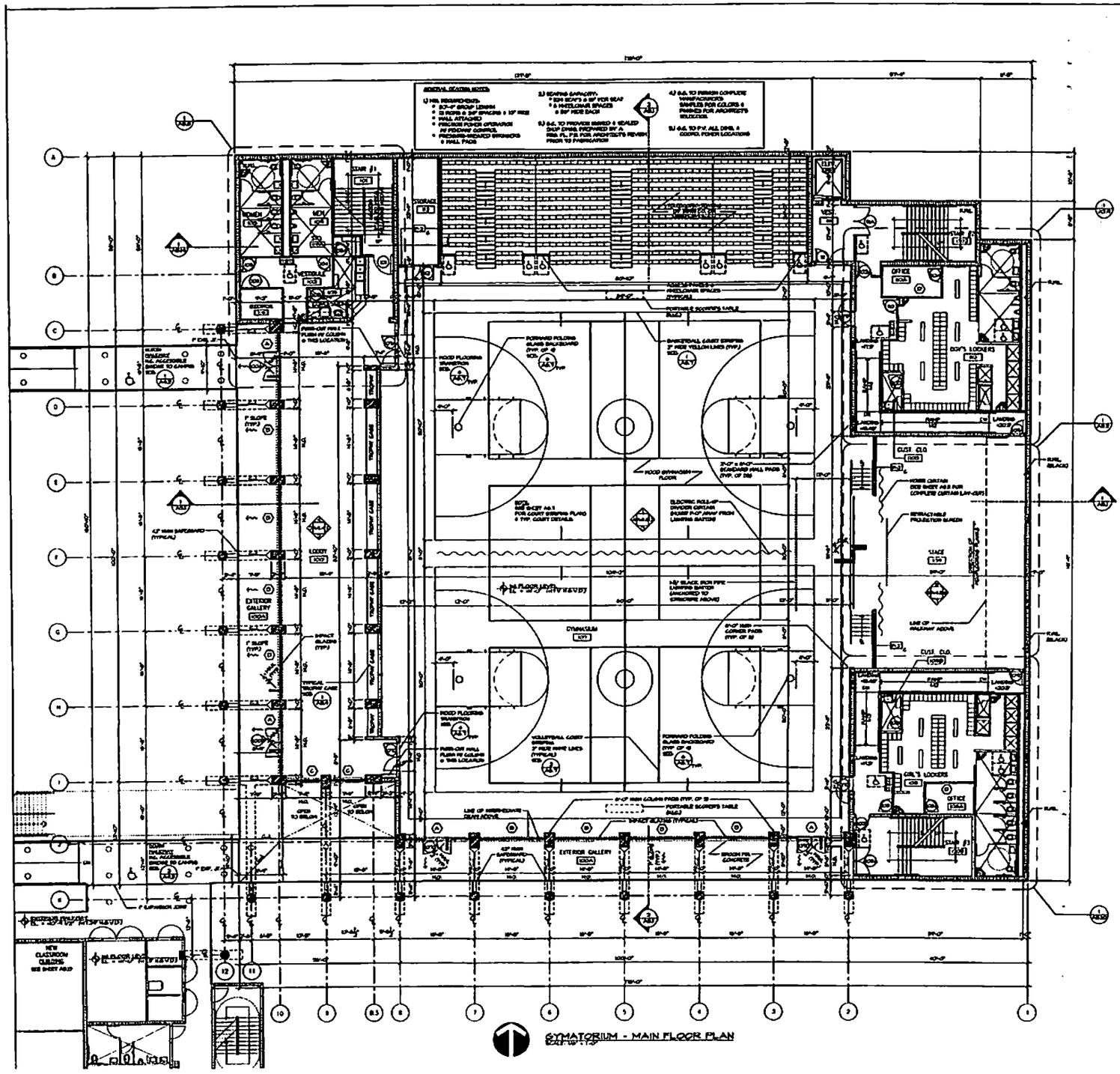


GYMATORIUM - MAIN FLOOR PLAN

GENERAL NOTES

1) 6C TO PROVIDE BLOCKING IN WALLS AS REQ'D, FOR ALL GWB & WB. ALL INCORPORATIONS IN MASONRY WALLS SHALL BE SET IN SOLID SOLID CONCRETE OR CONCRETE-FILLED MASONRY CELLS. DEPTH OF FASTENER PENETRATION TO BE PER ANCHOR MANUFACTURER'S HIS STANDARDS FOR THE LOAD SPECIFIED.

2) THRESHOLD TRANSITION FOR ALL DOORS SHALL NOT EXCEED 1/2" PER F.A.B.S.C.

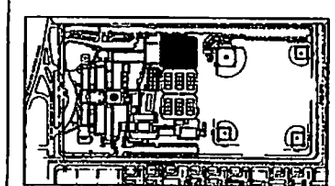
3) RECESS SLABS AT GYMNASIUM AND STAGE AREAS 3/8" TO RECEIVE WOOD FLOORING.

4) RECESS SLABS AT LOCKER ROOMS, SHOWERS, CONCESSION AREAS, AND RESTROOMS 1/2" TO RECEIVE CERAMIC FLOOR TILE AND PROVIDE MINIMUM SLOPES OF 1/4" PER FT. TO FLOOR DRAINS.

FLOOD ZONE

1) HIGHLANDS COUNTY FLOOD CRITERIA ELEVATION IS 46.0 FEET N.G.V.D. AS SHOWN ON THE HIGHLANDS COUNTY FLOOD INSURANCE RATE MAP, HIGHLANDS COUNTY, FLORIDA, PANEL 0175B, DATED "J", MAP REVISED MARCH 3, 1986, FLOOD MAP REVISED JULY 17, 1991

2) THE SUBJECT PROPERTY IS LOCATED IN FLOOD ZONES "X" AND "VE" (BASE FLOOD ELEVATION DETERMINED = 46.0 FEET N.G.V.D.) THE LOWEST OCCUPIED FLOOR ELEVATION OF THIS BUILDING IS 47.0' N.G.V.D.



KEY PLAN

CONSULTANT:

GILI-McGRAW ARCHITECTS, L.L.P.
4000 SOUTHWEST 72ND AVENUE, SUITE 405, MIAMI, FLORIDA 33155
TEL: 305.663.1355 FAX: 305.663.1864
LICENSED PROVIDER: AAP000492

MASTERPLAN REVISION FOR
GULLIVER ACADEMY
DRC SUBMITTAL
12343 RED ROAD
CORAL GABLES, FLORIDA 33156

SEAL

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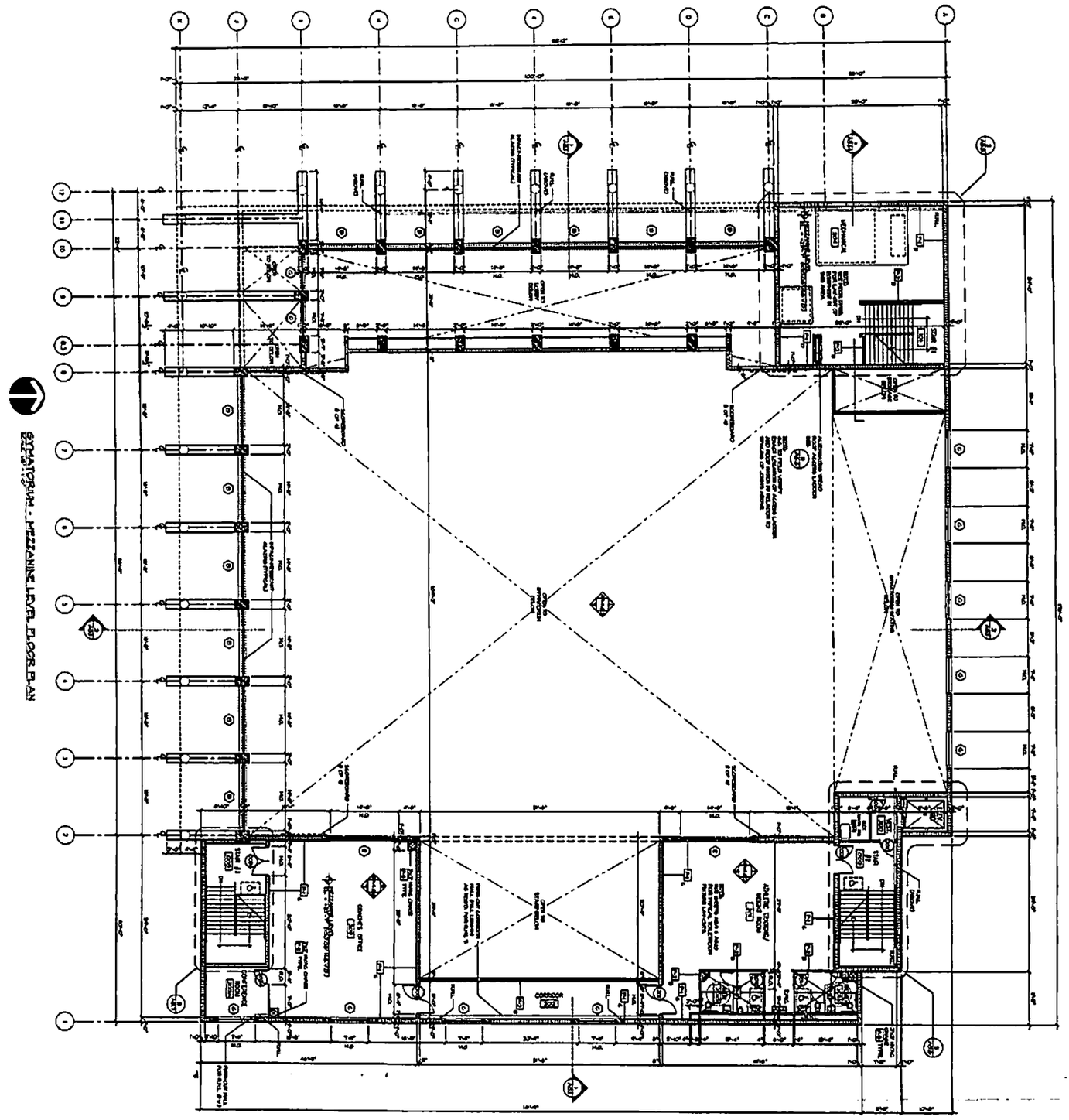

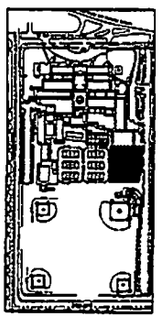

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DATE: 09.30.09

SEAL:

MASTERPLAN REVISION FOR
GULLIVER ACADEMY
DRC SUBMITTAL
12595 RED ROAD
CORAL GABLES, FLORIDA 33156

GILI-McGRAW ARCHITECTS, L.L.P.
4060 SOUTHWEST 72ND AVENUE, SUITE 403; MIAMI, FLORIDA 33155
TEL. 305.663.1253 FAX. 305.663.1254
LICENSE NUMBER: AAP000492

CONSULTANT:

ROOFING GENERAL NOTES:

1. SEE M.E.P. DRAWINGS TO VERIFY AND IDENTIFY LOCATIONS OF THRU-THE-ROOF MECH. PENETRATIONS.
2. ALL ROOF SLOPES AND CRICKETS TO BE MIN. 1/4" PER FOOT, TYPICAL.
3. ROOFING SYSTEM TO COMPLY WITH FIRE UPLIFT FORCES PER SECTION 1709.5, 1609.5. AS NOTED ON STRUCTURAL DRAWINGS (TYP.).
4. ALL ROOF WATER FAN AND OTHER PENETRATORS SHALL HAVE 3x P.T. CURBS ANCHORED TO ROOF DECK (THRU-BOLTED)
5. SEE DETAIL SHEET FOR TYPICAL ROOF DETAILS.
6. ALL CURBS TO RECEIVE A MIN. OF TWO FASTENERS PER SIDE.
7. G.C. TO VERIFY 10"-12" MIN. SEPARATION BETWEEN AIR INTAKES, EXHAUSTS, AND FLUE/BIRD VENTS.
8. ALL ROOFING MEMBRANES SHALL COMPLY W/ THE FOLLOWING:
   UNDERWRITERS LABORATORIES (UL)-TYPE AND ASTM D-226 REQUIREMENTS FOR CLASS 'A' FIRE-RATING FOR ROOF COVERING.
   FACTORY MUTUAL REQUIREMENTS FOR CLASS 1 RATED ASSEMBLY + 1 PH UPLIFT CLASSIFICATIONS AS DETERMINED BY ASCE 7-05, WIND-CHOICE COMPLY ROOFING PROTOCOLS.
9. G.C., ROOFING SUBCONTRACTOR, ROOFING MANUFACTURER REP., AND ARCHITECT SHALL PARTICIPATE IN A PRE-ROOFING CONFERENCE PRIOR TO STARTING ANY ROOFING WORK.

CALCS. FOR RAIN WATER LEADERS & OVERFLOW SCUPPERS

GYMATORIUM BUILDING

ROOF AREA MARK	SQUARE FOOTAGE	PROPOSED R.W.L. SIZE	ALLOWABLE ROOF AREA PER PROPOSED R.W.L.	# OF R.W.L.'S REQUIRED	# OF R.W.L.'S PROVIDED	MIN. OVERFLOW SCUPPER AREA REQUIRED (0.5 x R.W.L. AREA)	OVERFLOW SCUPPERS PROPOSED
A	[illegible]	5" DIA. (PVC SCH. 40)	[illegible]	1	1	[illegible] SQ. IN.	8" x 17.5" = 140 SQ. IN.
B	[illegible]	5" DIA. (PVC SCH. 40)	[illegible]	1	1	[illegible] SQ. IN.	8" x 17.5" = 140 SQ. IN.
C	[illegible]	5" DIA. (PVC SCH. 40)	[illegible]	1	1	[illegible] SQ. IN.	8" x 17.5" = 140 SQ. IN.
D	[illegible]	5" DIA. (PVC SCH. 40)	[illegible]	1	1	[illegible] SQ. IN.	8" x 17.5" = 140 SQ. IN.
E	[illegible]	5" DIA. (PVC SCH. 40)	[illegible]	1	1	[illegible] SQ. IN.	8" x 17.5" = 140 SQ. IN.
F	[illegible]	5" DIA. (PVC SCH. 40)	[illegible]	1	1	[illegible] SQ. IN.	8" x 17.5" = 140 SQ. IN.
G	[illegible]	5" DIA. (PVC SCH. 40)	[illegible]	1	1	[illegible] SQ. IN.	8" x 17.5" = 140 SQ. IN.
H	[illegible]	5" DIA. (PVC SCH. 40)	[illegible]	1	1	[illegible] SQ. IN.	8" x 17.5" = 140 SQ. IN.
I	[illegible]	5" DIA. (PVC SCH. 40)	[illegible]	1	1	[illegible] SQ. IN.	8" x 17.5" = 140 SQ. IN.
J	[illegible]	5" DIA. (PVC SCH. 40)	[illegible]	1	1	[illegible] SQ. IN.	8" x 17.5" = 140 SQ. IN.
K	[illegible]	5" DIA. (PVC SCH. 40)	[illegible]	1	1	[illegible] SQ. IN.	8" x 17.5" = 140 SQ. IN.
L	[illegible]	5" DIA. (PVC SCH. 40)	[illegible]	1	1	[illegible] SQ. IN.	8" x 17.5" = 140 SQ. IN.

NOTES:

1) CALCULATIONS BASED ON 100 YEAR, 1 HOUR RAINFALL = 4.3" (FIGURE 1009.1, 2006 FLORIDA BUILDING CODE)

2) RAIN WATER LEADERS SIZED AS PER TABLE 1009.2 (2006 FLORIDA BUILDING CODE)

3) OVERFLOW SCUPPERS SIZED AS PER SECTION 1611 (2006 FLORIDA BUILDING CODE)

CALCS. FOR ROOF VENTS @ STAGE AREA

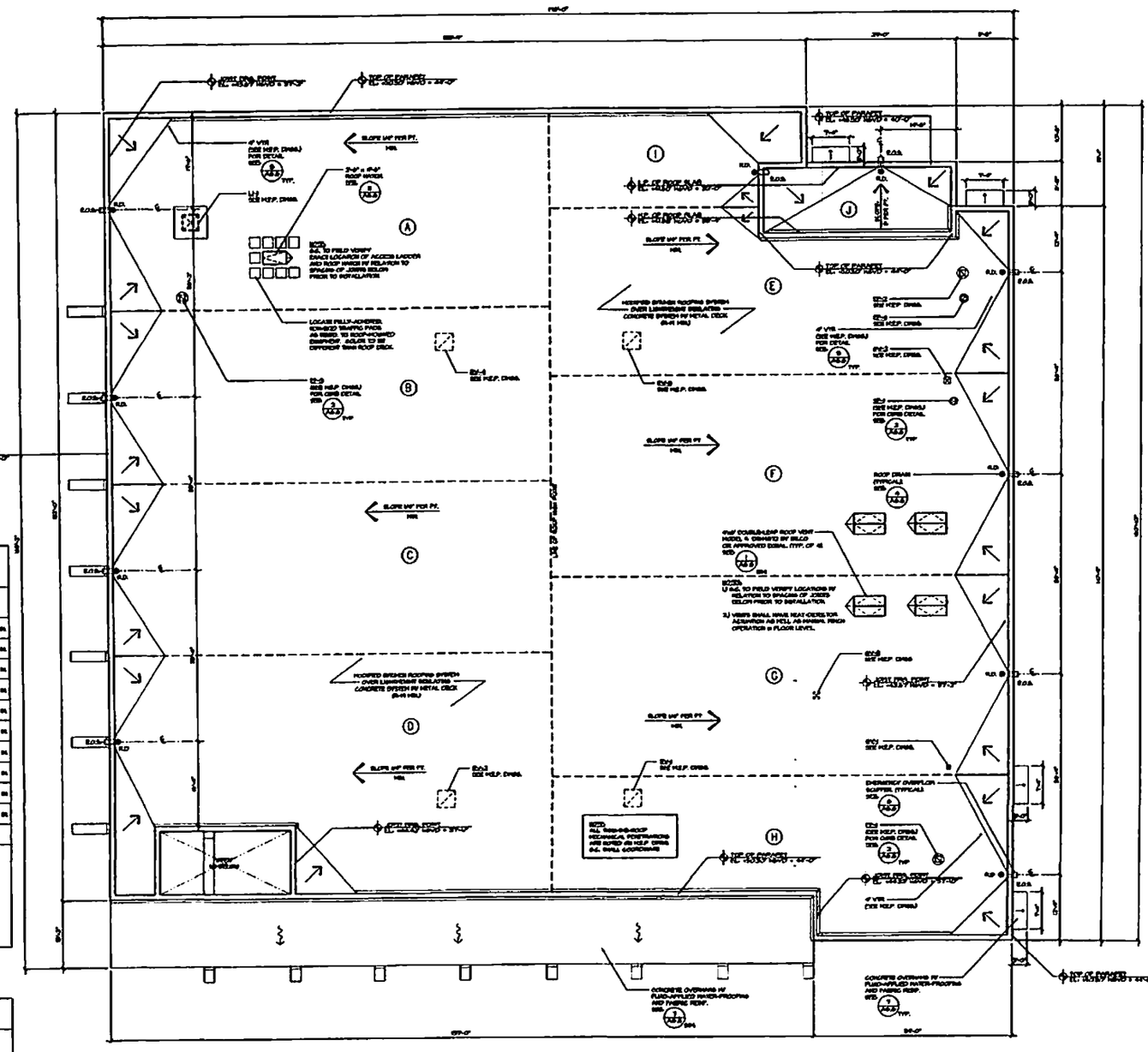
FBC 2006, 403.5.1 STAGE VENTILATION.
OVERHEAD VENTILATOR SHALL BE PROVIDED FOR STAGES LARGER THAN 1,000 SQ. FT. IN FLOOR AREA.

FLOOR AREA @ STAGE PROVIDED = 1,960 SQ. FT.

FBC 2006, 403.5.1.3 ROOF VENTS.
TWO OR MORE VENTS CONFIGURED TO OPEN AUTOMATICALLY BY APPROVED HEAT-ACTIVATED DEVICES AND WITH AN AGGREGATE CLEAR OPENING AREA OF NOT LESS THAN 1% OF THE AREA OF THE STAGE SHALL BE LOCATED NEAR THE CENTER AND ABOVE THE HIGHEST PART OF THE STAGE AREA.

1% OF THE AREA OF THE STAGE:
1,960 SQ. FT. x .01 = 19.6 SQ. FT.

ROOF VENTS PROVIDED:
[illegible] VENTS @ 4'-0" EACH = [illegible] SQ. FT.



GYMATORIUM - ROOF PLAN
SCALE: 1/8" = 1'-0"

CONSULTANT:

GILI-McGRAW ARCHITECTS, L.L.P.
4900 SOUTHWEST 72ND AVENUE, SUITE 405; MIAMI, FLORIDA 33155
TEL. 305.663.1833 FAX. 305.663.1834
LICENSE NUMBER: AAP0004402

MASTERPLAN REVISION FOR
GULLIVER ACADEMY
DRC SUBMITTAL
12889 RED ROAD
CORAL GABLES, FLORIDA 33156

SEAL:

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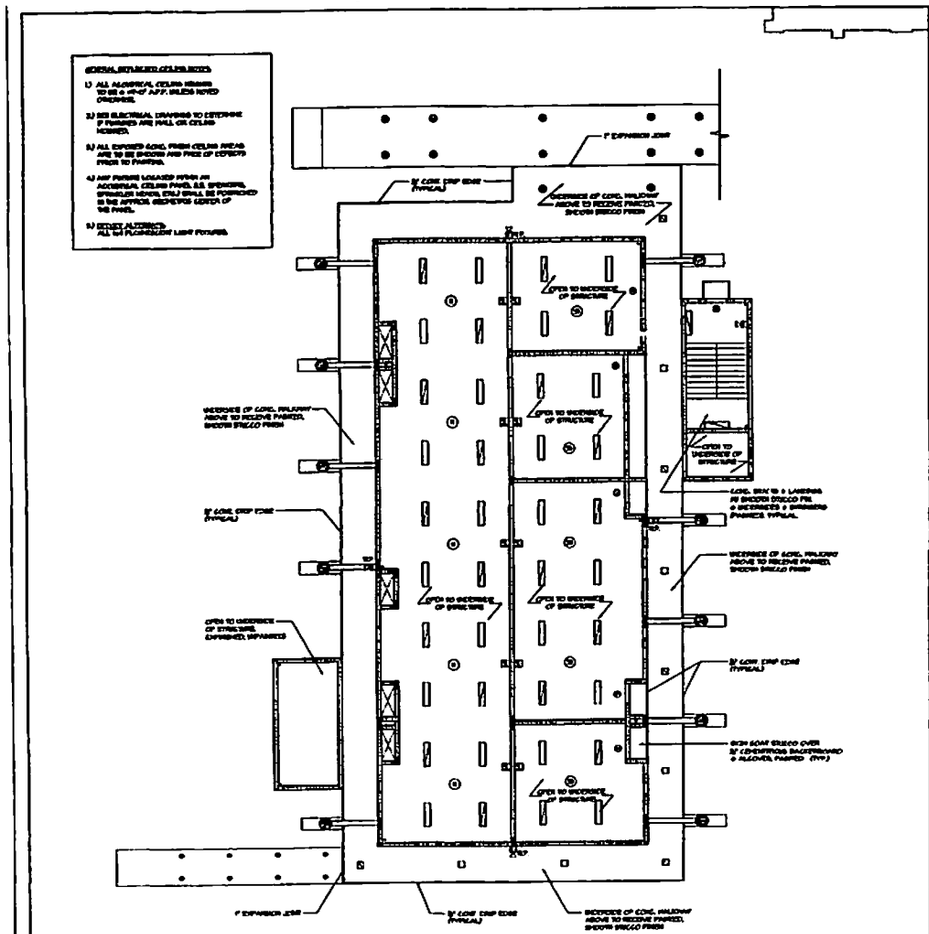
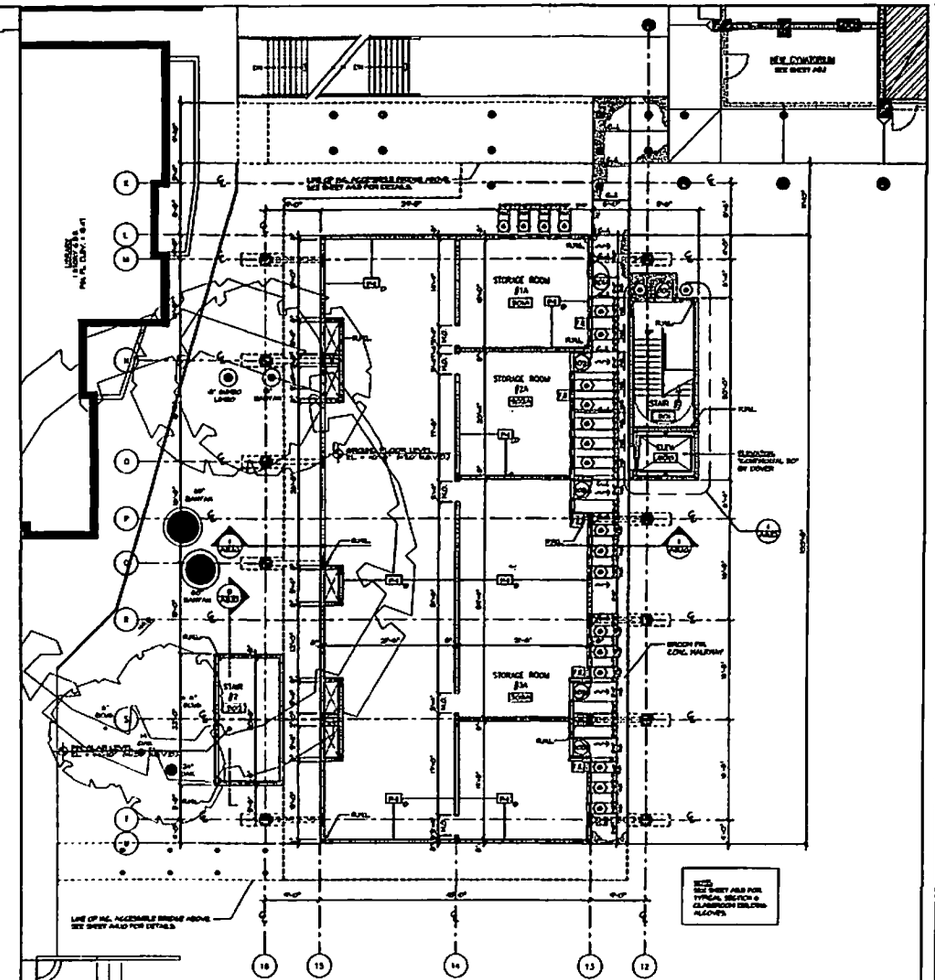


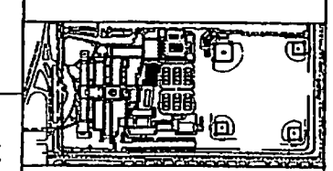
CLASSROOM BUILDING
GROUND FLOOR - REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"



CLASSROOM BUILDING - GROUND FLOOR PLAN
SCALE: 1/8" = 1'-0"

REFLECTED CEILING LEGEND

- 1 X 4 FLUORESCENT FIXTURE (SURFACE OR PENDANT MOUNTED)
- 1 X 4 FLUORESCENT FIXTURE (SURFACE OR PENDANT MOUNTED) WITH EMERGENCY BATTERY
- EXIT SIGN WITH EMERGENCY BATTERY
- RECESSED, SEMI-RECESSED, SURFACE, OR PENDANT MOUNTED FIXTURE
- CEILING MOUNTED INTERCOM SPEAKER
- FIRE ALARM HORN
- CEILING MOUNTED MOTION DETECTOR
- SHUT DOWN RELAY
- MANUAL FIRE ALARM PULL STATION @ 48" A.F.F.
- W.P. WEATHERPROOF
- 1 X 1 RECESSED FLUORESCENT FIXTURE W/ EMERGENCY BATTERY
- SURFACE-MOUNTED EXTERIOR WALKWAY LIGHT
- SUPPLY AIR DIFFUSER
- RETURN AIR GRILLE
- CEILING MOUNTED SMOKE DETECTOR
- DUCT MOUNTED SMOKE DETECTOR
- CEILING MOUNTED HEAT DETECTOR
- FIRE ALARM STROBE LIGHT.
- FIRE ALARM HORN & STROBE LIGHT @ 80" A.F.F.



KEY PLAN
SCALE: N.T.S.

GILI-McGRAW ARCHITECTS, L.L.P.
4000 SOUTHWEST 72ND AVENUE, SUITE 403, MIAMI, FLORIDA 33155
TEL. 305.663.1283 FAX. 305.663.1284
LICENSE NUMBER: AAP000488

CONSULTANT:

MASTERPLAN REVISION FOR
GULLIVER ACADEMY
DRC SUBMITTAL
15525 RED ROAD
CORAL GABLES, FLORIDA 33158

SEAL:

DATE: 08-2009

REVISIONS

DWG. No.

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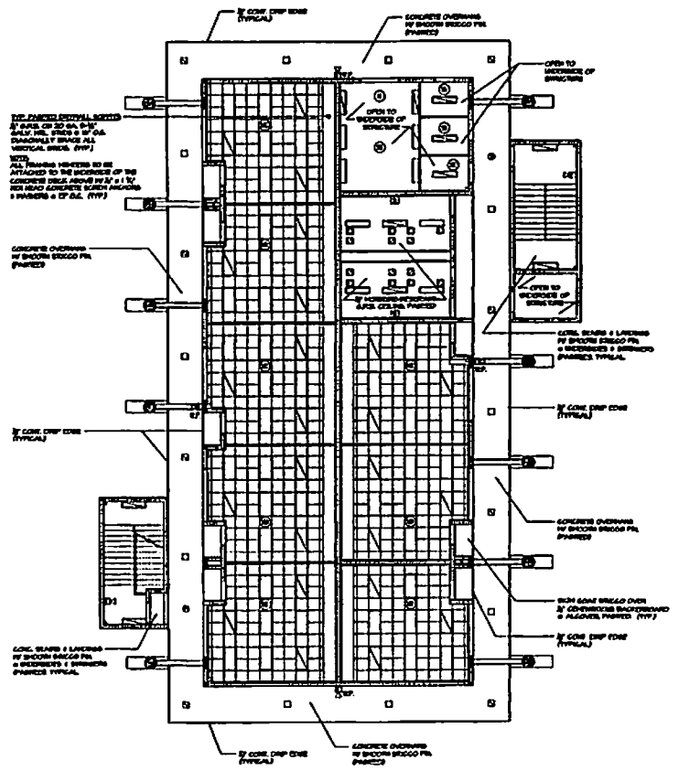


GENERAL REFLECTED CEILING NOTES

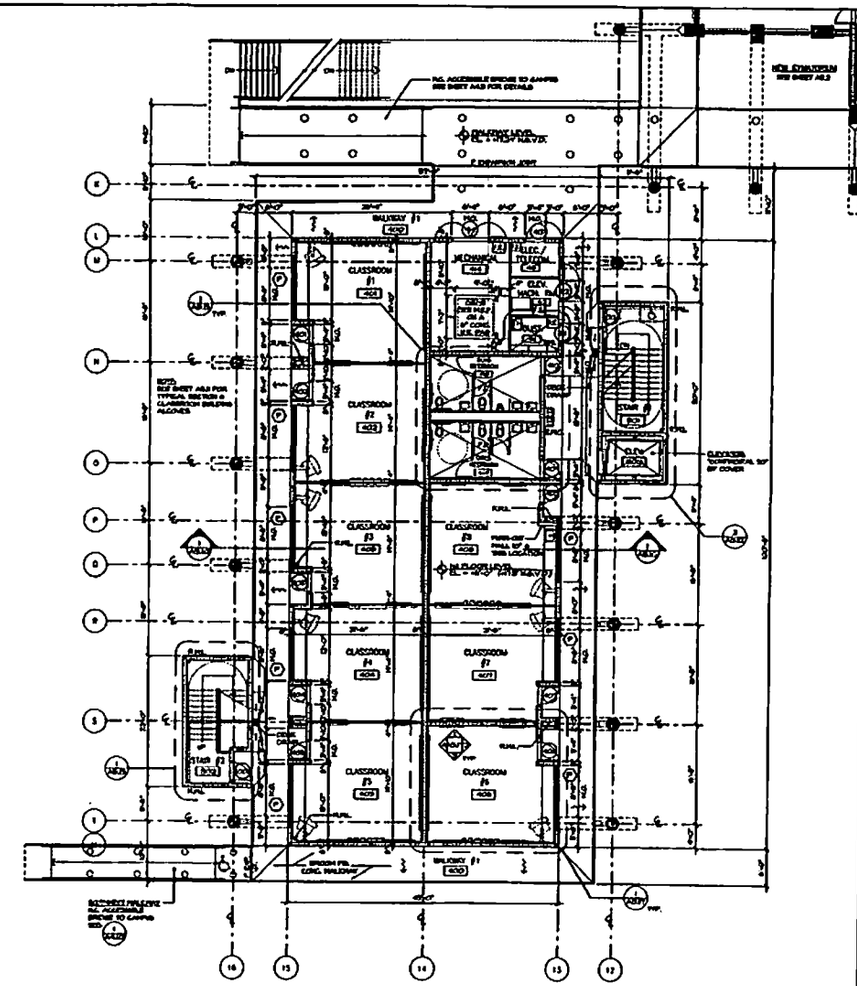
1) ALL ACOUSTICAL CEILING HEIGHTS TO BE @ +9'-0" A.F.F. UNLESS NOTED OTHERWISE

2) SEE ELECTRICAL DRAWINGS TO DETERMINE IF FIXTURES ARE WALL OR CEILING MOUNTED

3) ALL EXPOSED LONG FRAME CEILING AREAS ARE TO BE SHADOW AND FREE OF DEFECTS PRIOR TO PAINTING.

4) ANY FIXTURE LOCATED WITHIN AN ACOUSTICAL CEILING PANEL A.D. SPEAKERS, SPRINKLER HEADS, ETC.) SHALL BE POSITIONED IN THE APPROX. REMAINING CORNER OF THE PANEL.

CLASSROOM BUILDING
1st FLOOR - REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"



CLASSROOM BUILDING - 1st FLOOR PLAN
SCALE: 1/8" = 1'-0"

REFLECTED CEILING LEGEND

- 2 X 2 FLUORESCENT FIXTURE (RECESSED OR LAY-IN)
- 2 X 4 FLUORESCENT FIXTURE (RECESSED OR LAY-IN)
- 2 X 4 FLUORESCENT FIXTURE (RECESSED OR LAY-IN) WITH EMERGENCY BATTERY
- 1 X 4 FLUORESCENT FIXTURE (SURFACE OR PENDANT MOUNTED)
- 1 X 4 FLUORESCENT FIXTURE (SURFACE OR PENDANT MOUNTED) WITH EMERGENCY BATTERY
- EXIT SIGN WITH EMERGENCY BATTERY
- RECESSED, SOFFIT-RECESSED, SURFACE, OR PENDANT MOUNTED FIXTURE
- 1 X 1 RECESSED FLUORESCENT FIXTURE WITH EMERGENCY BATTERY
- SURFACE-MOUNTED EXTERIOR HALLWAY LIGHT
- SUPPLY AIR DIFFUSER
- RETURN AIR GRILLE
- 2 X 2 ACOUSTICAL CEILING TILE GRID (TEGULAR EDGE ACOUSTICAL CEILING PANELS)
- CEILING MOUNTED SMOKE DETECTOR
- DUCT MOUNTED SMOKE DETECTOR
- CEILING MOUNTED HEAT DETECTOR
- MANUAL FIRE ALARM PULL STATION 48" A.F.F.
- FIRE ALARM STROBE LIGHT
- FIRE ALARM HORN & STROBE LIGHT 80" A.F.F.
- CEILING MOUNTED INTERCOM SPEAKER
- FIRE ALARM HORN
- CEILING MOUNTED MOTION DETECTOR
- 1 X 1 ACCESS PANEL
- SHUT DOWN RELAY
- W.P. WEATHERPROOF

GENERAL NOTES

1) BE TO PROVIDE BLOCKING IN WALLS AS REQ'D FOR ALL BATHS. ALL BATHROOMS IN MASONRY WALLS SHALL BE SET IN SOLID SOLID CONCRETE OR CONCRETE-FILLED MASONRY CELLS. DEPTH OF TAMPERS PENETRATION TO BE PER ANCHOR MANUFACTURER'S MIN. STANDARDS FOR THE LOAD SPECIFIED.

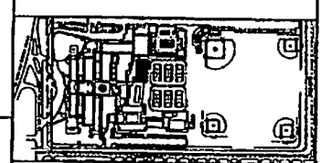
2) THRESHOLD TRANSITION FOR ALL DOORS SHALL NOT EXCEED 1/2" PER F.A.S.G.

3) RECESS SLAB AT TOILET-ROOMS 3/4" TO RECEIVE CERAMIC TILE AND PROVIDE MINIMUM SLOPES OF 1/4" PER FT TO FLOOR DRAINS.

FLOOD ZONE

1) MINIMUM COMPLY FLOOD CRITERIA ELEVATION @ +5.0 FEET N.A.V.D. AS SHOWN ON THE MIAMI-DADE EMERGENCY MANAGEMENT AGENCY, NATIONAL FLOOD INSURANCE PROGRAM, FLOOD INSURANCE RATE MAPS, COMMUNITY NO. 120651 PANEL 0176L DATED 9-11-92 MAP REVISED MARCH 2, 1994, INDEX MAP REVISED JULY 11, 1994.

2) THE SELECT PROPERTY IS LOCATED IN FLOOD ZONES "X" AND "AE".
ZONE FLOOD ELEVATION (CORRESPONDS TO +5.0 FEET N.A.V.D.)
THE LOWEST ENCLOSED FLOOR ELEVATION OF THIS BUILDING IS +7.0' N.A.V.D.



KEY PLAN
NOT TO SCALE

CONSULTANT:

GILI-McGRAW ARCHITECTS, L.L.P.
4900 SOUTHWEST 72ND AVENUE, SUITE 403; MIAMI, FLORIDA 33155
TEL. 305.663.1223 FAX. 305.663.1224
LICENSE NUMBER: AA0000402

MASTERPLAN REVISION FOR
GULLIVER ACADEMY
DRC SUBMITTAL
12595 RED ROAD
CORAL GABLES, FLORIDA 33156

SEAL:

DATE: 08.2002

REVISIONS

DWG. No.

A4.2

OF :

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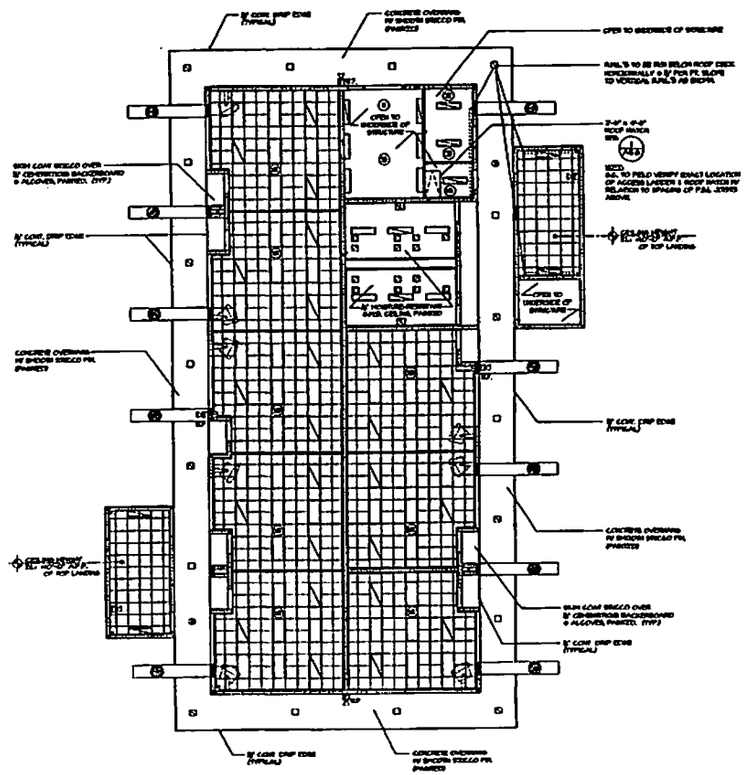
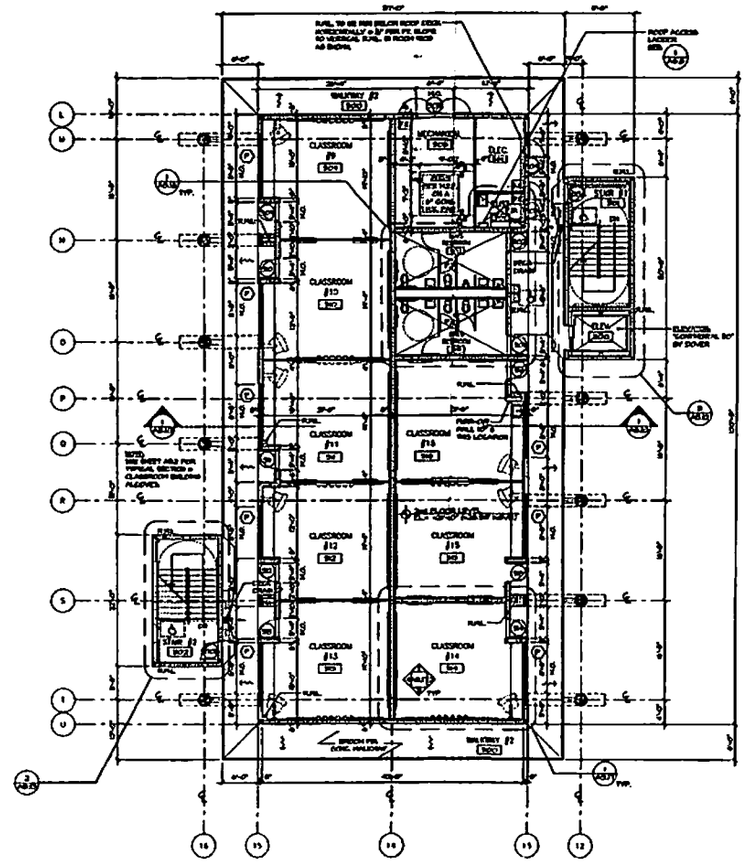


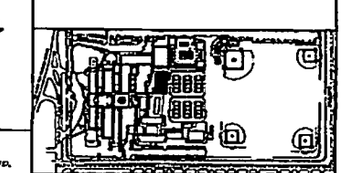
CLASSROOM BUILDING
2nd FLOOR - REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"



CLASSROOM BUILDING - 2nd FLOOR PLAN
SCALE: 1/8" = 1'-0"

REFLECTED CEILING LEGEND

- 2 X 2 FLUORESCENT FIXTURE RECESSED OR LAY-IN
- 2 X 4 FLUORESCENT FIXTURE RECESSED OR LAY-IN
- 2 X 4 FLUORESCENT FIXTURE RECESSED OR LAY-IN WITH EMERGENCY BATTERY
- 1 X 4 FLUORESCENT FIXTURE (SURFACE OR PENDANT MOUNTED)
- 1 X 4 FLUORESCENT FIXTURE (SURFACE OR PENDANT MOUNTED) WITH EMERGENCY BATTERY
- EXIT SIGN WITH EMERGENCY BATTERY
- RECESSED, DOWN-RECESSED, SURFACE, OR PENDANT MOUNTED FIXTURE
- 1 X 1 RECESSED FLUORESCENT FIXTURE WITH EMERGENCY BATTERY
- SURFACE-MOUNTED EXTERIOR WALKWAY LIGHT
- SUPPLY AIR DIFFUSER
- RETURN AIR GRILLE
- 2 X 2 ACOUSTICAL CEILING TILE GRID (TEGULAR EDGE ACOUSTICAL CEILING PANELS)
- CEILING MOUNTED SMOKE DETECTOR
- DUCT MOUNTED SMOKE DETECTOR
- CEILING MOUNTED HEAT DETECTOR
- MANUAL FIRE ALARM PULL STATION 48" A.F.F.
- FIRE ALARM STROBE LIGHT.
- FIRE ALARM HORN & STROBE LIGHT 80" A.F.F.
- CEILING MOUNTED INTERCOM SPEAKER
- FIRE ALARM HORN
- CEILING MOUNTED MOTION DETECTOR
- 1 X 1 ACCESS PANEL
- SHUT DOWN RELAY
- W.P. WEATHERPROOF



KEY PLAN
SCALE: NTS

GILI-McGRAW ARCHITECTS, L.L.P.
4060 SOUTHWEST 72ND AVENUE, SUITE 403, MIAMI, FLORIDA 33155
TEL. 305.661.1255 FAX. 305.663.1284
LICENSE NUMBER: AA0004452

MASTERPLAN REVISION FOR
GULLIVER ACADEMY
DRC SUBMITTAL
12595 RED ROAD
CORAL GABLES, FLORIDA 33156

CONSULTANT:

SEAL:

DATE: 06.2009

REVISIONS

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CALCS. FOR RAIN WATER LEADERS & OVERFLOW SCUPPERS

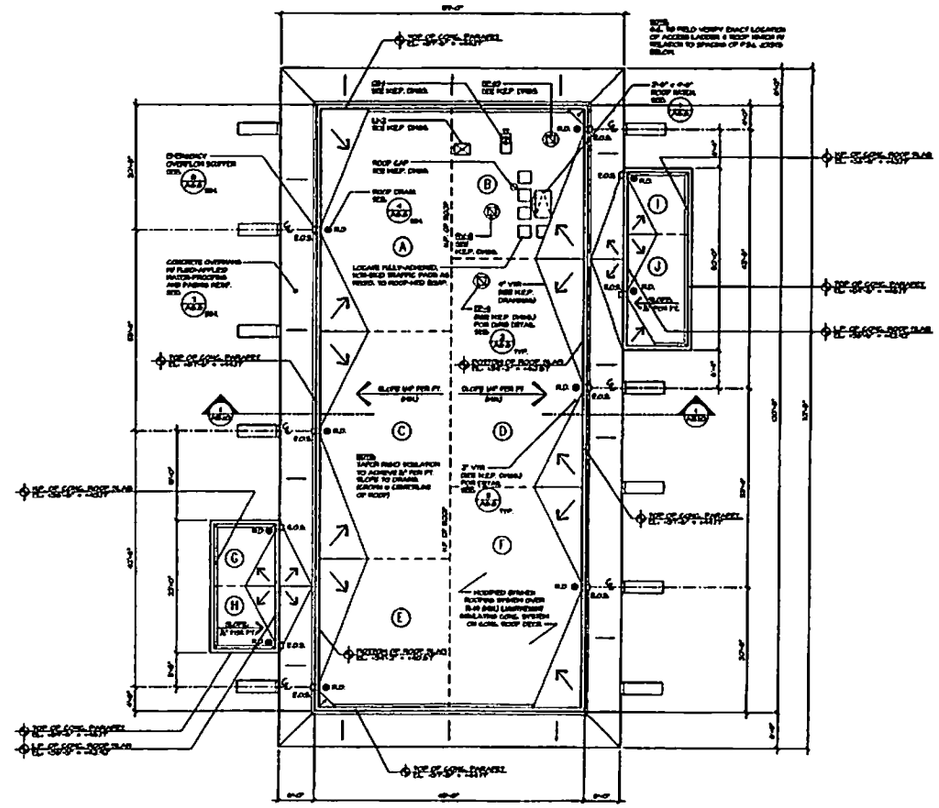
CLASSROOM BUILDING

ROOF AREA NAME	SQUARE FOOTAGE	PROPOSED R.W.L. SIZE	ALLOWABLE ROOF AREA (SQ. FT.) FOR PROPOSED R.W.L.	# OF R.W.L.'S REQUIRED	# OF R.W.L.'S PROVIDED	MIN. OVERFLOW SCUPPER AREA REQUIRED (1 X R.W.L. AREA)	OVERFLOW SCUPPER PROPOSED
A	809	4" DIA. (0.121 SQ. IN.)	4,140	1	1	21.9 SQ. IN.	14" x 127.40 SQ. IN.
B	701	4" DIA. (0.121 SQ. IN.)	4,140	1	1	21.9 SQ. IN.	14" x 127.40 SQ. IN.
C	880	4" DIA. (0.121 SQ. IN.)	4,140	1	1	21.9 SQ. IN.	14" x 127.40 SQ. IN.
D	830	4" DIA. (0.121 SQ. IN.)	4,140	1	1	21.9 SQ. IN.	14" x 127.40 SQ. IN.
E	1,011	4" DIA. (0.121 SQ. IN.)	4,140	1	1	21.9 SQ. IN.	14" x 127.40 SQ. IN.
F	803	4" DIA. (0.121 SQ. IN.)	4,140	1	1	21.9 SQ. IN.	14" x 127.40 SQ. IN.
G	128	4" DIA. (0.121 SQ. IN.)	4,140	1	1	21.9 SQ. IN.	14" x 127.40 SQ. IN.
H	129	4" DIA. (0.121 SQ. IN.)	4,140	1	1	21.9 SQ. IN.	14" x 127.40 SQ. IN.
I	128	4" DIA. (0.121 SQ. IN.)	4,140	1	1	21.9 SQ. IN.	14" x 127.40 SQ. IN.
J	126	4" DIA. (0.121 SQ. IN.)	4,140	1	1	21.9 SQ. IN.	14" x 127.40 SQ. IN.

NOTES:
1) CALCULATIONS BASED ON 100 YEAR, 1 HOUR RAINFALL = 4.5" (FIGURE 1009.1, 2001 FLORIDA BUILDING CODE)
2) RAIN WATER LEADERS SIZED AS PER TABLE 1101.3 (2001 FLORIDA BUILDING CODE)
3) OVERFLOW SCUPPERS SIZED AS PER 1101.10.1 (2001 FLORIDA BUILDING CODE)

ROOFING GENERAL NOTES:

1. SEE M.E.P. DRAWINGS TO VERIFY AND IDENTIFY LOCATIONS OF THRU-THE-ROOF MECH. PENETRATIONS.
2. ALL ROOF SLOPES AND GRADIENTS TO BE MIN. 1/4" PER FOOT, TYPICAL.
3. ROOFING SYSTEM TO COMPLY WITH FIRE UPLIFT RATINGS PER SDL FOR OPTION, LOB 6, AS NOTED ON STRUCTURAL DRAWINGS (TYP.).
4. ALL ROOF HATCH, PAN, AND OTHER PENETRATIONS SHALL HAVE 36 x 1" CURBS ANCHORED TO ROOF DECK (THRU-BOLTED)
5. SEE SHEET A6.0 FOR TYPICAL ROOF DETAILS.
6. ALL CURBS TO RECEIVE A MIN. OF TWO FASTENERS PER SIDE.
7. ALL TO VERIFY 12"x7" MIN. REPAIRWORK REPORTS AND SHEETS, FLASHINGS, AND FLASHING VENTS.
8. ALL ROOFING SPECIFICATIONS SHALL COMPLY W/ THE FOLLOWING:
   MANUFACTURER'S LABORATORIES UL-TRD AND ASTM D-450 REQUIREMENTS FOR CLASS 'A' FIRE-RATING FOR ROOF COVERING.
   FM ROOF RATING REQUIREMENTS FOR CLASS I RATED ASSEMBLY + FM UPLIFT CLASSIFICATIONS AS DETERMINED BY ROLE TYPE, YEAR-DATE COMPLY ROOFING PROTOCOLS.
9. G.C., ROOFING SUBCONTRACTOR, ROOFING MANUFACTURER REP., AND ARCHITECT SHALL PARTICIPATE IN A PRE-ROOFING CONFERENCE PRIOR TO BEGINNING ANY ROOFING WORK.
10. ALL R.W.L.'S SHALL BE SCHEDULE 80 P.V.C. (PAINTED IF EXTERIOR/EXPOSED TYPES ONLY)
11. MECHANICAL EQUIPMENT, APPLIANCES, AND SUPPORTS SHALL RECEIVE A MINIMUM OF TWO COATS AS REQUIRED BY F.B.C. 2001.



ROOF PLAN - CLASSROOM BUILDING
SCALE: 1/8" = 1'-0"

CONSULTANT:

GILI-McGRAW ARCHITECTS, L.L.P.
4950 SOUTHWEST 72ND AVENUE, SUITE 450, MIAMI, FLORIDA 33155
TEL. 305.663.1163 FAX. 305.663.1164
LICENSE NUMBER AA26000128

MASTERPLAN REVISION FOR
GULLIVER ACADEMY
DRC SUBMITTAL
12595 RED ROAD
CORAL GABLES, FLORIDA 33156

SEAL:

DATE: 08.2002

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A4.4

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ASHPALT DRIVE

ASHPALT DRIVE

MAIN BASEBALL FACILITY
GROUND FLOOR PLAN

" FOR INFORMATION ONLY "

KEY PLAN

CONSULTANT:

GILI-McGRAW ARCHITECTS, L.L.P.
4960 SOUTHWEST 72ND AVENUE, SUITE 405, MIAMI, FLORIDA 33155
TEL 305.663.1863 FAX 305.663.1864
LICENSE NUMBER AA26000108

MASTERPLAN REVISION FOR
GULLIVER ACADEMY
DRC SUBMITTAL
12595 RED ROAD
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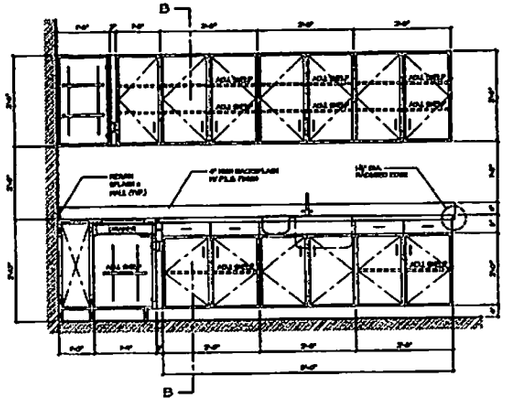
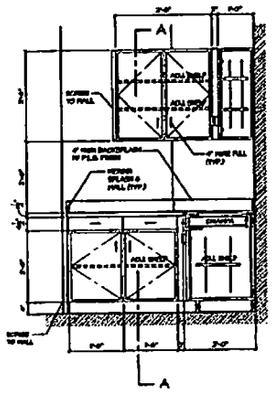
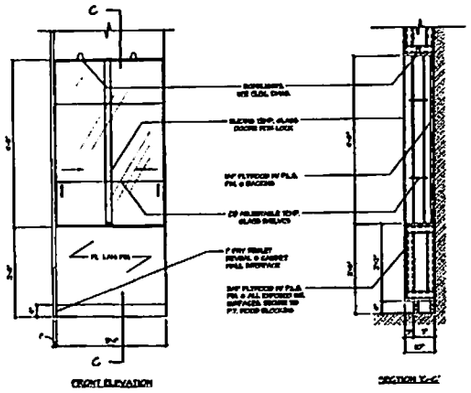


SECTION - ELEVATION 'A-A'



SECTION - ELEVATION 'B-B'

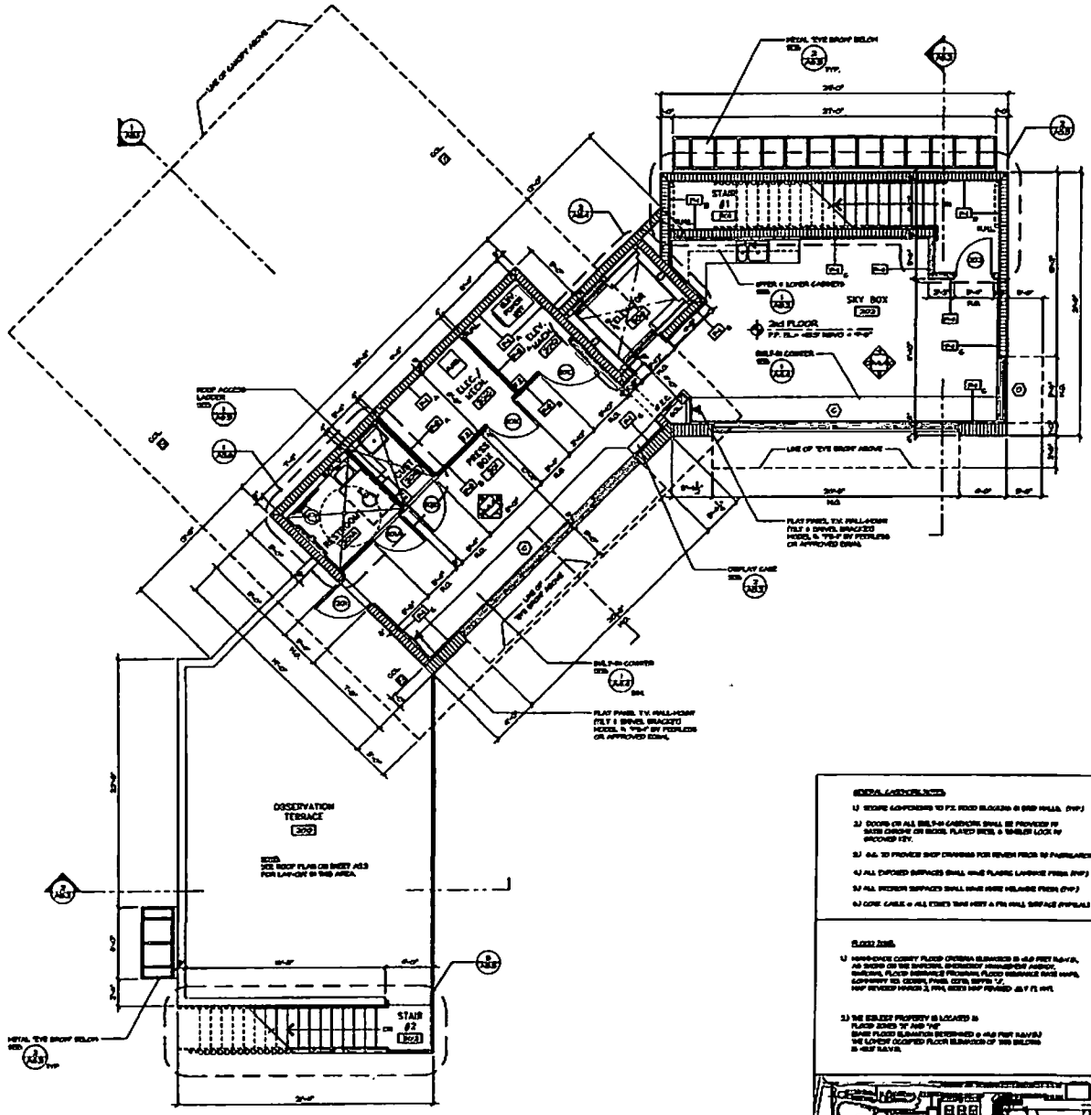
COUNTER W/ BASE & UPPER CABINETS



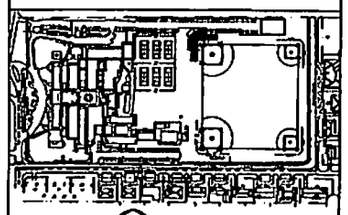
FRONT ELEVATION

SECTION 'C-C'

DISPLAY CASE MILLWORK



MAIN BASEBALL FACILITY
SECOND FLOOR PLAN



KEY PLAN

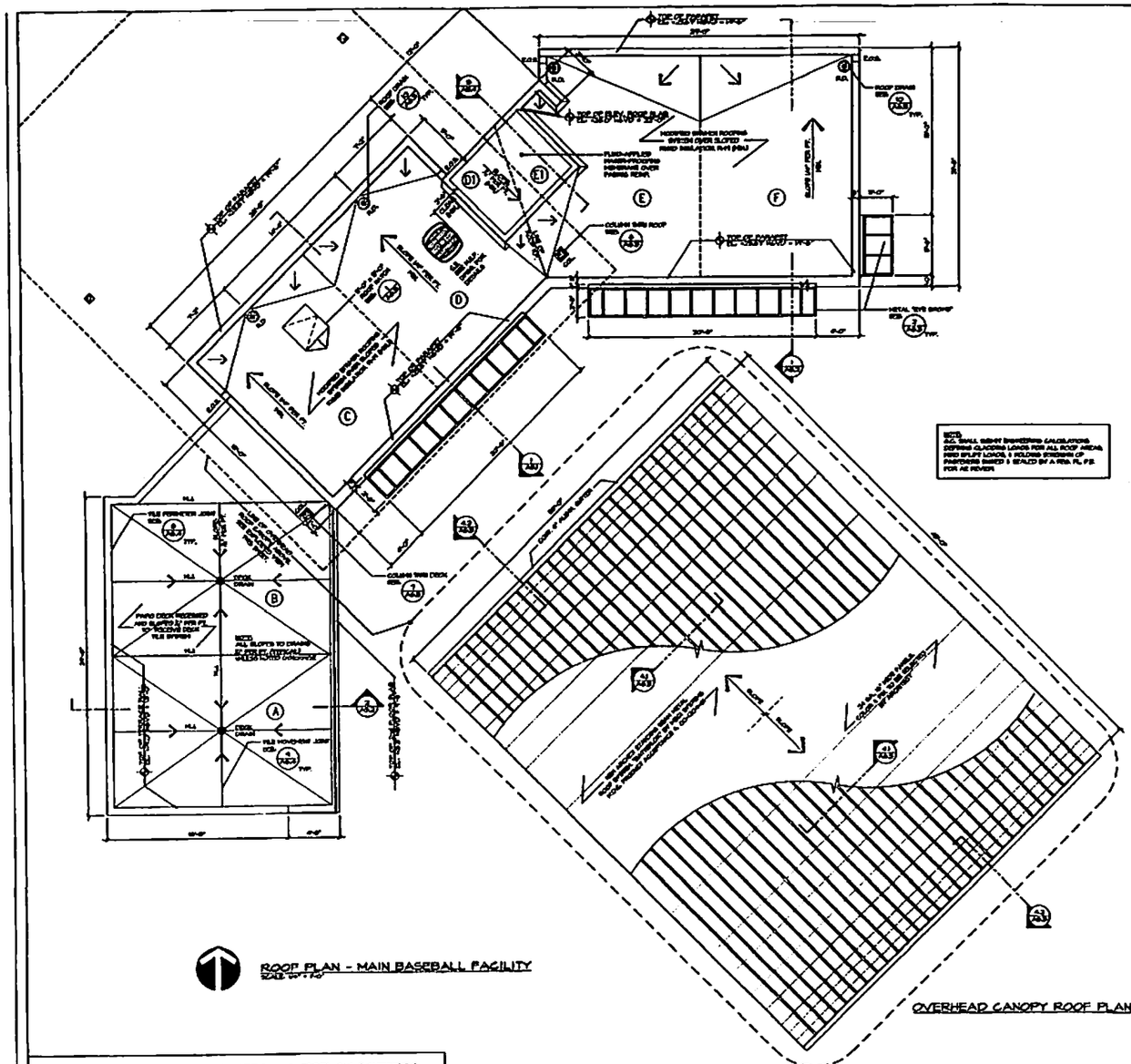
GILI-McGRAW ARCHITECTS, L.L.P.
4900 SOUTHWEST 72ND AVENUE, SUITE 403, MIAMI, FLORIDA 33155
TEL. 305.661.1355 FAX. 305.661.1364
LICENSE NUMBER: AA0004493

MASTERPLAN REVISION FOR
GULLIVER ACADEMY
DRC SUBMITTAL
15301 BIRD ROAD
CORAL GABLES, FLORIDA 33156

DATE: 06.2009

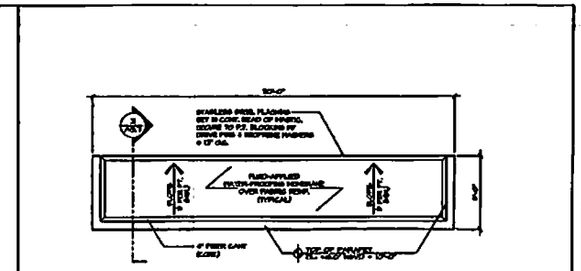
REVISIONS

DWG. No.
A5.2

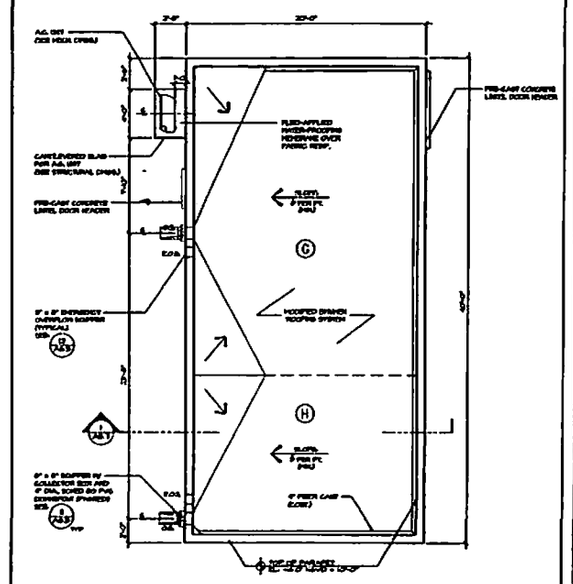


ROOF PLAN - MAIN BASEBALL FACILITY
SCALE: 1/8" = 1'-0"

OVERHEAD CANOPY ROOF PLAN



ROOF PLAN - VISITOR'S DUGOUT
SCALE: 1/4" = 1'-0"



ROOF PLAN - HOME DUGOUT
SCALE: 1/4" = 1'-0"

CALCS. FOR RAIN WATER LEADERS & OVERFLOW SCUPPERS

ROOF AREA NAME	SQUARE FOOTAGE	PROPOSED RAIN. SIZE	ALLOWABLE ROOF AREA (SQ. FT) FOR PROPOSED RAIN.	MIN. OVERFLOW SCUPPER AREA REQUIRED (1 IN RAIN. AREA)	OVERFLOW SCUPPER PROPOSED
A	277	4" DIA. (4.50 SQ. IN.)	5,100	277 X 4.5 SQ. IN.	OPEN EDGE ROOF
B	183	4" DIA. (4.50 SQ. IN.)	5,100	277 X 4.5 SQ. IN.	OPEN EDGE ROOF
C	277	4" DIA. (4.50 SQ. IN.)	5,100	277 X 4.5 SQ. IN.	12" x 12" 40 SQ. IN.
D + D1	240 + 24 = 264	4" DIA. (4.50 SQ. IN.)	5,100	277 X 4.5 SQ. IN.	12" x 12" 40 SQ. IN.
E + E1	277 + 24 = 301	4" DIA. (4.50 SQ. IN.)	5,100	277 X 4.5 SQ. IN.	12" x 12" 40 SQ. IN.
F	270	4" DIA. (4.50 SQ. IN.)	5,100	277 X 4.5 SQ. IN.	12" x 12" 40 SQ. IN.
G	470	4" DIA. (4.50 SQ. IN.)	5,100	277 X 4.5 SQ. IN.	12" x 12" 40 SQ. IN.
H	340	4" DIA. (4.50 SQ. IN.)	5,100	277 X 4.5 SQ. IN.	12" x 12" 40 SQ. IN.

NOTES:

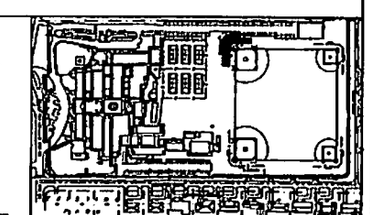
1) CALCULATIONS BASED ON 100 YEAR, 1 HOUR RAINFALL = 4.7" (FIGURE 1106.1 AND APPENDIX 'B', 2001 FLORIDA BUILDING CODE)

2) RAIN WATER LEADERS SIZED AS PER TABLE 1106.2 (2001 FLORIDA BUILDING CODE)

3) SCH-4 CIRCULAR ROOF GUTTERS SIZED AS PER SECTION 1106.5 (2001 FLORIDA BUILDING CODE)

ROOFING GENERAL NOTES:

1. SEE M.E.P. DRAWINGS TO VERIFY AND IDENTIFY LOCATIONS OF THRU-THE-ROOF MECH. PENETRATIONS.
2. ALL ROOF SLOPES AND CRICKETS TO BE MIN. 1/4" PER FOOT, TYPICAL.
3. ROOFING SYSTEM TO COMPLY WITH WIND UPLIFT FORCES PER SECTION 0713.5, 1609 C. AS NOTED ON STRUCTURAL DRAWINGS (TYP.).
4. ALL ROOF HATCH, FAN, AND OTHER PENETRATIONS SHALL HAVE 2x P.T. CURBS ANCHORED TO ROOF DECK (THRU-BOLTED)
5. SEE DETAIL SHEET FOR TYPICAL ROOF DETAILS
6. ALL CURBS TO RECEIVE A MIN. OF TWO FASTENERS PER SIDE.
7. O.C. TO VERIFY 10'-0" MIN. SEPARATION BETWEEN AIR INTAKES, EXHAUSTS, AND PLUMBING VENTS.
8. ALL ROOFING STANDARDS SHALL COMPLY WITH THE FOLLOWING:
   - UNDERWRITERS LABORATORIES (U.L.) TRD AND ASTM E-108 REQUIREMENTS FOR CLASS 'A' FIRE-RATING FOR ROOF COVERINGS.
   - FACTORY MUTUAL REQUIREMENTS FOR CLASS 1 RATED ASSEMBLY & FM UPLIFT CLASSIFICATIONS AS DETERMINED BY ASCE 7-93, MIAMI-DADE COUNTY ROOFING PROTOCALS.
9. O.C., ROOFING SUBCONTRACTOR, ROOFING MANUFACTURER'S REP., AND ARCHITECT SHALL PARTICIPATE IN A PRE-ROOFING CONFERENCE PRIOR TO BEGINNING ANY ROOFING WORK.



KEY PLAN
SCALE: N.T.S.

CONSULTANT:

GILI-McGRAW ARCHITECTS, L.L.P.
4960 SOUTHWEST 72ND AVENUE, SUITE 405, MIAMI, FLORIDA 33155
TEL. 305.663.1550 FAX. 305.663.1554
LICENSE NUMBER: AA0004498

MASTERPLAN REVISION FOR
GULLIVER ACADEMY
DRC SUBMITTAL
12595 RED ROAD
CORAL GABLES, FLORIDA 33156

SEAL:

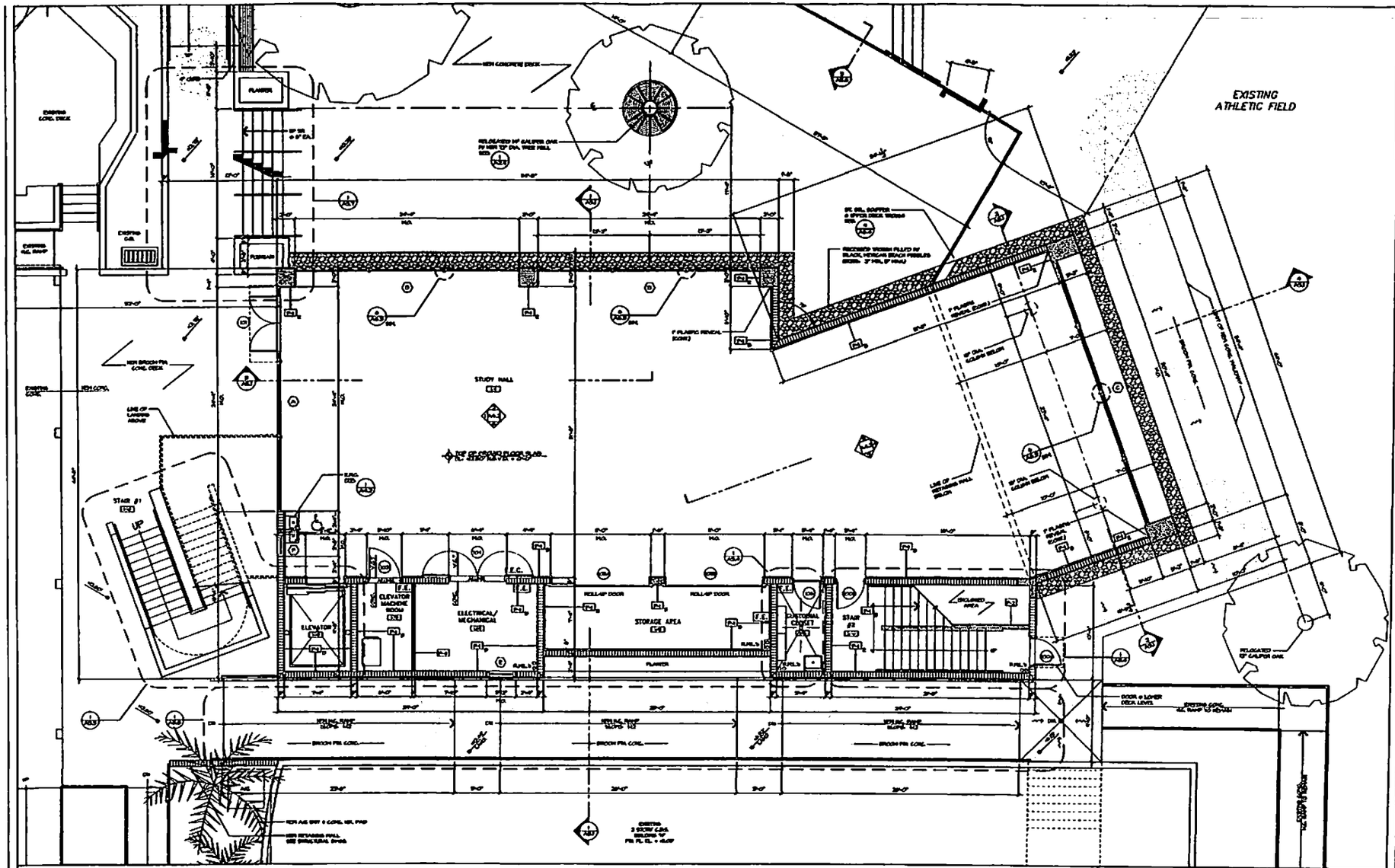
DATE: 08.2009

REVISIONS

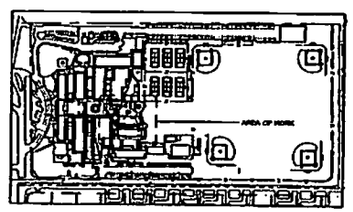
DWG. No.

A5.3

OF :



GROUND FLOOR PLAN



KEY PLAN

CONSULTANTS:

GILI-McGRAW ARCHITECTS, L.L.P.
4960 SOUTHWEST 72ND AVENUE, SUITE 405; MIAMI, FLORIDA 33155
TEL. 305.663.1200 FAX. 305.663.1204
LICENSE NUMBER: AA0004482

MASTERPLAN REVISION FOR
GULLIVER ACADEMY
DRC SUBMITTAL
12595 RED ROAD
CORAL GABLES, FLORIDA 33156

SEAL:

DATE: 08.2009

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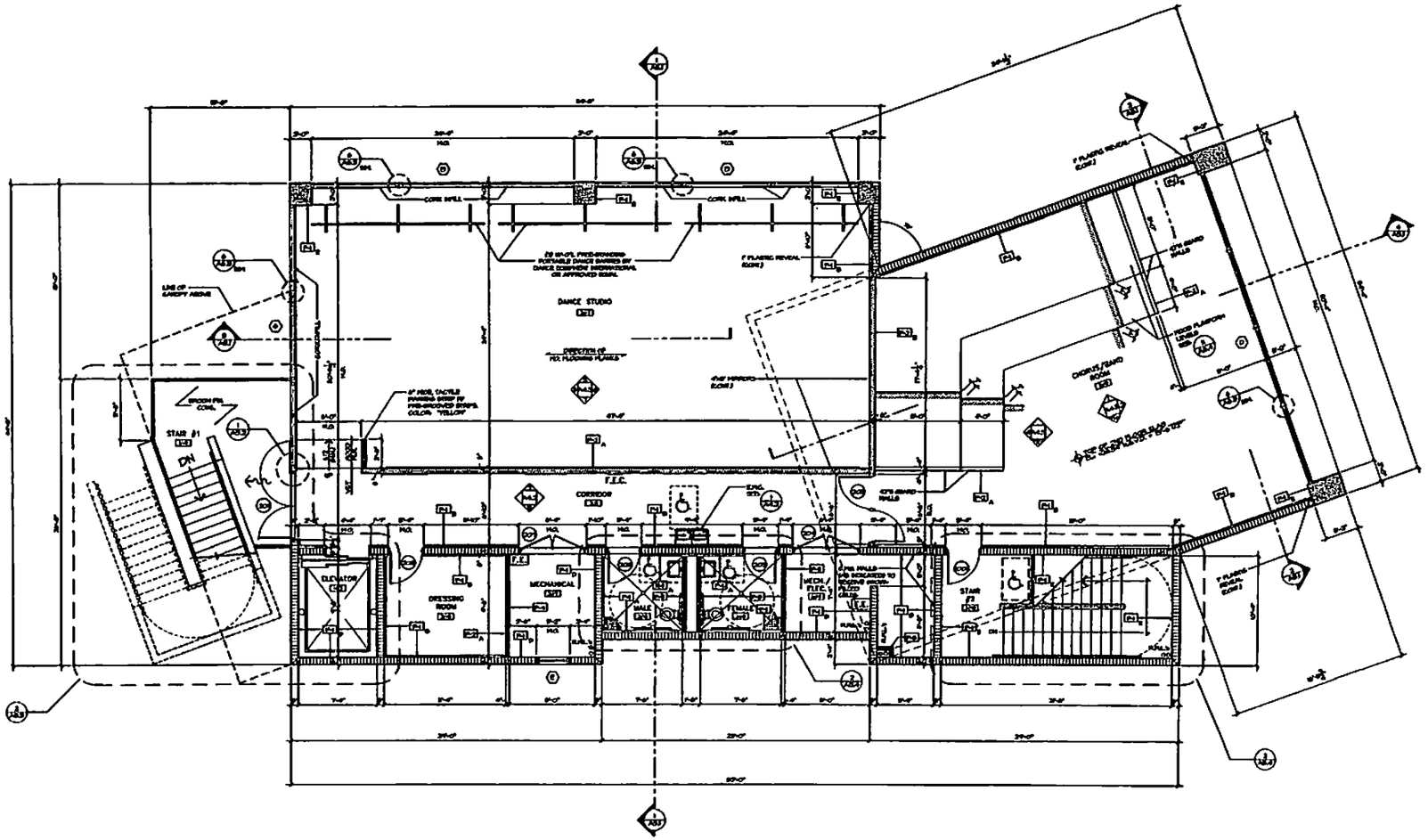
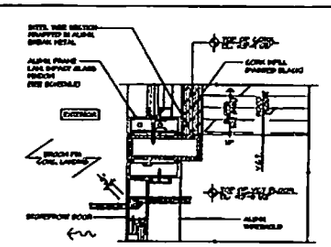
DWG. No.

A6.1

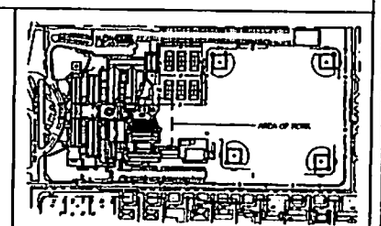
OF :



SECOND FLOOR PLAN - PAVILION BUILDING
SCALE: 1/8" = 1'-0"



FLOOR TRANSITION DETAIL (PLAN)
SCALE: 3" = 1'-0"



KEY PLAN
SCALE: 1" = 1'-0"

CONSULTANT:

GILI-McGRAW ARCHITECTS, L.L.P.
4900 SOUTHWEST 72ND AVENUE, SUITE 403, MIAMI, FLORIDA 33155
TEL. 305.663.1253 FAX. 305.663.1264
LICENSE NUMBER: AA0000488

MASTERPLAN REVISION FOR
GULLIVER ACADEMY
DRC SUBMITTAL
12595 RED ROAD
CORAL GABLES, FLORIDA 33156

SEAL:

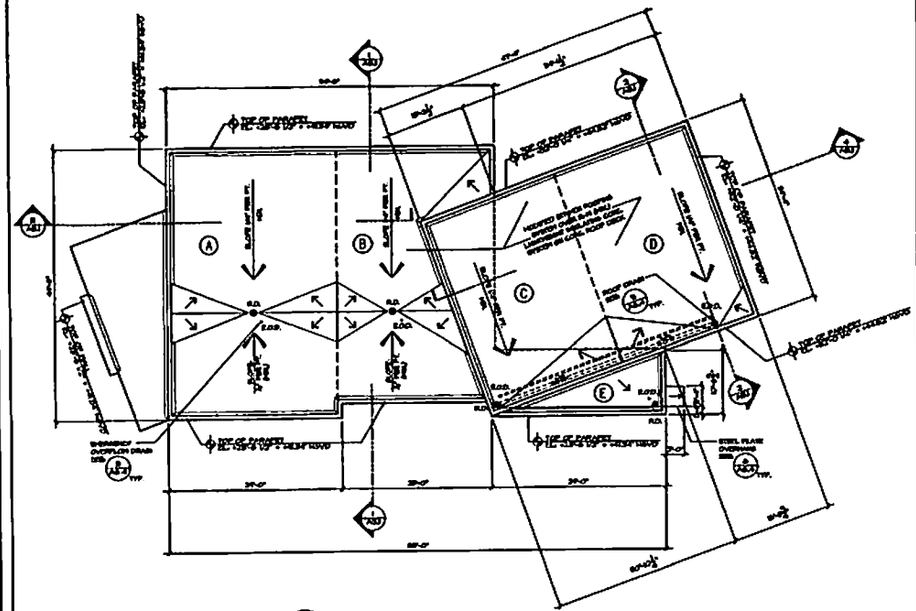
DATE: 09.2009

REVISIONS

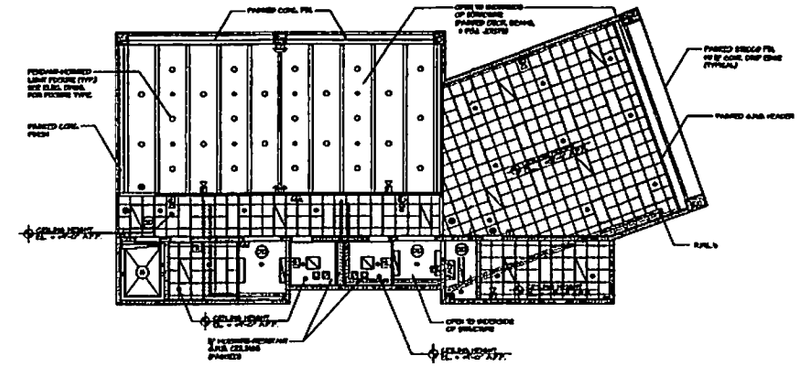
DWG. No.

A6.2

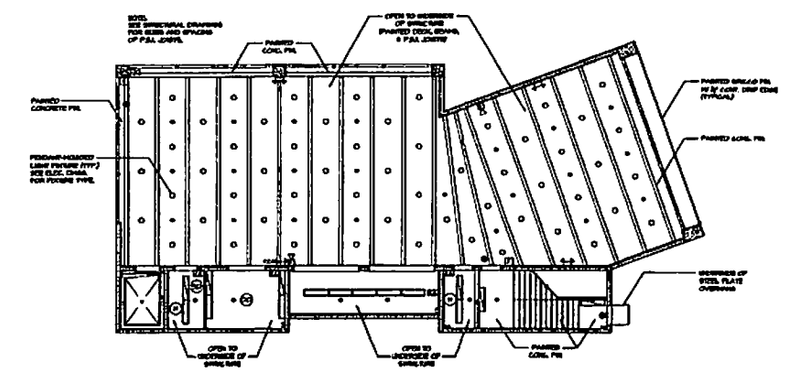
OF



ROOF PLAN - PAVILION BUILDING
SCALE: 1/8" = 1'-0"



SECOND FLOOR REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"



GROUND FLOOR REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

CALCULATIONS FOR RAIN WATER LEADERS AND OVERFLOW SCUPPERS / DRAINS

ROOF AREA NAME	SCUPPER PROPOSED	PROPOSED R.W.L. SIZE	ALLOWABLE ROOF AREA (SQ. FT.) PER PROPOSED R.W.L.	MIN. OVERFLOW SCUPPER AREA REQUIRED (S = R.W.L. AREA)	OVERFLOW SCUPPER PROPOSED	ALLOWABLE ROOF AREA PER PROPOSED SECONDARY DRAIN HORIZONTALLY PROJECTED ROOF AREA / 2	SECONDARY DRAIN PROPOSED	NOTES
A	UNK	4" DIA. (4.00 SQ. IN.)	2,100	———	———	UNK / 2 = 600 SQ. FT.	5" DIA. (5.00 SQ. IN.)	1) CALCULATIONS BASED ON 100 YEAR, 1 HOUR RAINFALL = 4.7" PER SQ.IN AND APPROX. W. 2010 FLORIDA BUILDING CODE, PLUMBING
B	864	4" DIA. (4.00 SQ. IN.)	2,100	———	———	864 / 2 = 432 SQ. FT.	5" DIA. (5.00 SQ. FT.)	2) RAIN WATER LEADERS SIZED AS PER TABLE 306.3 2007 FLORIDA BUILDING CODE, PLUMBING
C	724	4" DIA. (4.00 SQ. IN.)	2,100	———	———	724 / 2 = 362 SQ. FT.	5" DIA. (5.00 SQ. FT.)	3) NON-CIRCULAR ROOF GUTTERS SIZED AS PER SECTION 306.4 2007 FLORIDA BUILDING CODE, PLUMBING
D	724	4" DIA. (4.00 SQ. IN.)	2,100	———	———	724 / 2 = 362 SQ. FT.	5" DIA. (5.00 SQ. FT.)	4) SECONDARY DRAINS SIZED AS PER SECTION 1611.2 2007 FLORIDA BUILDING CODE, PLUMBING
E	128	4" DIA. (4.00 SQ. IN.)	2,100	———	———	128 / 2 = 64 SQ. FT.	5" DIA. (5.00 SQ. FT.)	

ROOFING GENERAL NOTES

1. SEE M.E.P. DRAWINGS TO VERIFY AND IDENTIFY LOCATION OF THRU-THE-ROOF MECHANICAL PENETRATIONS.
2. ALL ROOF SLOPES AND GRADIENTS TO BE 1/4" PER FOOT (UNLL TYPICAL).
3. ROOFING SYSTEM TO COMPLY WITH FIRE UPLIFT FORCES PER SECTION 1716.1, 1716.2, AS NOTED ON STRUCTURAL DRAWINGS (TYP.)
4. ALL CURBS TO RECEIVE A MIN. OF TWO FASTENERS PER SIDE.
5. SEE DETAIL SHEET FOR TYPICAL ROOF DETAILS.
6. ALL ROOFING SYSTEMS SHALL COMPLY WITH THE FOLLOWING:
   - MANUFACTURERS LABORATORIES UL-790 AND ASTM E-108 REQUIREMENTS FOR CLASS "A" FIRE-RATING FOR ROOF CONSTRUCTION.
   - FACTORY MUTUAL REQUIREMENTS FOR CLASS 1 RATED ASSEMBLY + 1 FM UPLIFT CLASSIFICATION AS DETERMINED BY ARCE THE MANFACTURER (COMPLY ROOFING PROPOSALS
7. G.C. TO VERIFY 12"-0" MIN. SEPARATION BETWEEN AIR INTAKES, EXHAUSTS, AND PLUMBING VENTS.
8. ALL ROOF VENTS, FAN, AND OTHER PENETRATIONS SHALL HAVE 2x-P.T. CURBS ANCHORED TO ROOF DECK. (THRU-BOLTED)
9. G.C., ROOFING SUBCONTRACTOR, ROOFING MANUF. REP., AND ARCHITECT SHALL THOROUGHLY REVIEW A PRE-ROOFING CONFERENCE PRIOR TO BEGINNING ANY ROOFING WORK.

REFLECTED CEILING PLAN SYMBOL LEGEND

- 2 x 2 FLUORESCENT FIXTURE RECESSED OR LAY-IN
- 2 x 4 FLUORESCENT FIXTURE RECESSED OR LAY-IN
- 2 x 4 FLUORESCENT FIXTURE WITH EMERGENCY BATTERY RECESSED OR LAY-IN
- 1 x 4 FLUORESCENT FIXTURE SURFACE OR PENDANT MOUNTED
- 1 x 4 FLUORESCENT FIXTURE WITH EMERGENCY BATTERY SURFACE OR PENDANT MOUNTED
- EXIT SIGN WITH EMERGENCY BATTERY
- RECESSED NON-RECESSED, SURFACE, OR PENDANT MOUNTED FIXTURE
- FIRE SPRINKLER HEAD
- 1 x 1 RECESSED FLUORESCENT FIXTURE WITH EMERGENCY BATTERY
- SURFACE-MOUNTED EXTERIOR HALLWAY LIGHT
- SUPPLY AIR DIFFUSER
- RETURN AIR GRILLE
- EXHAUST FAN
- CEILING MOUNTED SMOKE DETECTOR
- WALL MOUNTED SMOKE DETECTOR
- CEILING MOUNTED HEAT DETECTOR
- FIRE ALARM STROBE LIGHT
- FIRE ALARM HORN & STROBE LIGHT
- FIRE ALARM HORN
- CEILING MOUNTED MOTION DETECTOR
- 1 x 1 ACCESS PANEL
- SHUT DOWN RELAY
- W.P. WEATHERPROOF
- 2 x 2 ACOUSTICAL CEILING PANEL GRID

GENERAL REFLECTED CEILING NOTES

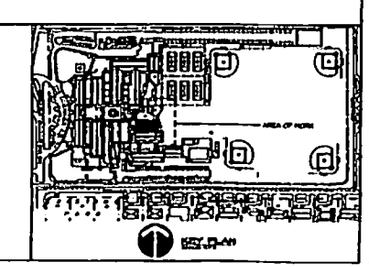
1.) ALL A.C.P. CEILINGS HEIGHTS TO BE @ +9'-0" A.F.F. U.N.O.

2.) SEE ELECTRICAL DRAWINGS TO DETERMINE IF FIXTURES ARE WALL OR CEILING MOUNTED.

3.) ALL EXPOSED CONCRETE FINISH CEILING AREAS TO BE SMOOTH AND FREE OF DEFECTS PRIOR TO PAINTING.

4.) LOCATIONS OF ALL JOISTS SHOWN ARE AN APPROXIMATION. SEE STRUCTURAL DRAWINGS FOR EXACT LOCATIONS.

5.) ANY FIXTURE LOCATED WITHIN AN ACOUSTICAL CEILING PANEL (I.E. SPEAKERS, SPRINKLER HEADS, ETC.) SHALL BE POSITIONED IN THE EXACT GEOMETRIC CENTER OF THAT PANEL.



SITE PLAN

CONSULTANT:

GILI-McGRAW ARCHITECTS, L.L.P.
4960 SOUTHWEST 72ND AVENUE, SUITE 402, MIAMI, FLORIDA 33155
TEL. 305.663.1203 FAX. 305.663.1204
LICENSE NUMBER: AA0004492

MASTERPLAN REVISION FOR
GULLIVER ACADEMY
DRC SUBMITTAL
12595 RED ROAD
CORAL GABLES, FLORIDA 33156

SEAL:

DATE: 08.2009

REVISIONS

DWG. No.

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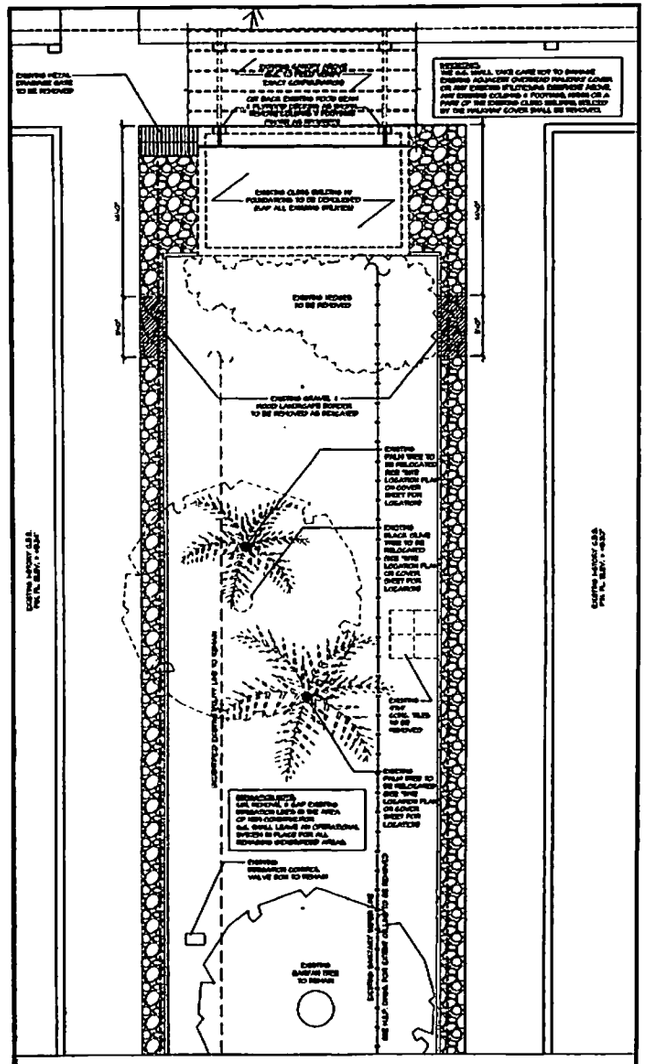
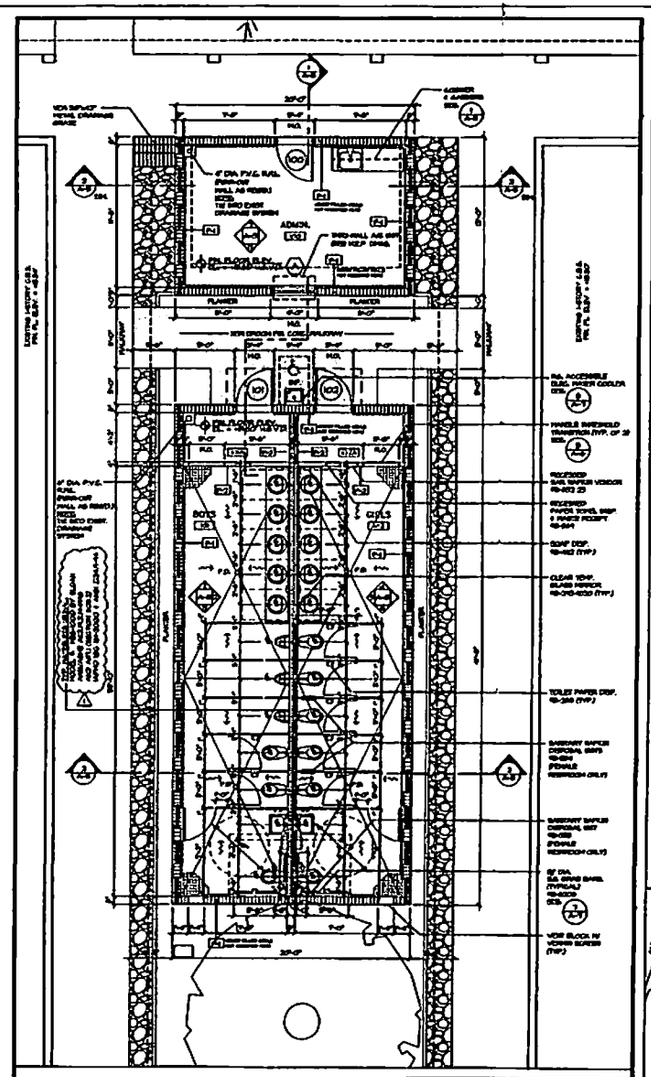


SITE DEMOLITION PLAN



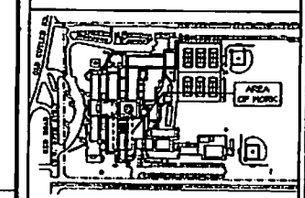
CONSTRUCTION FLOOR PLAN

LEGEND

4 HOUR FIRE-RATED WALL

GENERAL NOTES

1. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING & CARRYING OUT ALL APPROPRIATE LIFE SAFETY PRECAUTIONS, INCLUDING, BUT NOT LIMITED TO, THE ENCLOSURE OF SAFETY DAMAGED PHASE REQUIRED, MAINTENANCE OF TRAFFIC, SAFETY WARNING, COMPLIANCE W/ THE TRENCH SAFETY ACT, FENCING AROUND WORK & STAGING AREAS, ETC.
2. DO NOT SCALE THE DRAWINGS. THE G.C. SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION. THE G.C. SHALL POINT OUT ALL DISCREPANCIES TO THE ARCHITECT IMMEDIATELY IN WRITING BEFORE PROCEEDING W/ THE WORK.
3. THE G.C. SHALL COORDINATE ALL TRADES BEFORE COMMENCEMENT OF WORK AND CONTINUOUSLY THROUGHOUT THE DURATION OF THE PROJECT. THE G.C. IS RESPONSIBLE TO COORDINATE ALL DEPTHS OF STRUCTURAL MEMBERS AND A.C. DECORATIVE/STRUCTURE CLEARANCES.
4. ALL WORK SHALL BE CONSTRUCTED PER F.B.C. 2004 EDITION W/ CURRENT AMENDMENTS, N.F.P.A. 01, 2005 ED., O.S.H.A. (LATEST ED.), THE FLORIDA FIRE PREVENTION CODE & THE CURRENT EDITION OF ALL APPLICABLE CODES & ORDINANCES HAVING JURISDICTION, AND WITH THE REQUIREMENTS OF THE UTILITY COMPANIES WHOSE SERVICES SHALL BE INSTALLED.
5. ALL SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT FOR REVIEW AND COMMENT PRIOR TO FABRICATION.
6. ALL WOOD IN CONTACT WITH MASONRY SHALL BE PRESSURE TREATED.
7. ALL DOOR AND WINDOW FRAMES SHALL BE CAULKED ON INSIDE AND OUTSIDE AROUND ENTIRE PERIMETER OF EACH FRAME. ALL EXTERIOR DOORS SHALL HAVE WEATHERSTRIPPING.
8. THRESHOLD TRANSITION FOR ALL DOORS, WHETHER NOTED OR NOT, SHALL NOT EXCEED ½" AS PER F.A.C.&A.C.
9. ALL SHEAR SHALL BE FULLY VERTICALLY APPLIED ON EXTERIOR WALL SURFACE FROM BASE TO PARAPET CAP AND HORIZONTALLY FINISH EXTERIOR. JOINT TO CONTROL JOINT IN ONE CONTINUOUS APPLICATION TO AVOID VISIBILITY "COLD JOINTS" AND PATCHING.
10. EXACT LOCATIONS OF UNDERGROUND UTILITIES SHALL BE FIELD VERIFIED BY THE G.C. PRIOR TO ANY SUBSURFACE OPERATIONS OR EXCAVATION. CALL "SUNSHINE AT 1 (800) 432-4770 AT LEAST 48 HRS IN ADVANCE OF DIGGING.
11. DESIGNED, ALL MECHANICAL, ELECTRICAL, AND PLUMBING SYSTEMS SHOWN ON THE DRAWINGS ARE SCHEMATIC IN NATURE. THE G.C. SHALL COORDINATE BETWEEN THE TRADES FOR ALL RISERS, CLEARANCES, SIZES OF EQUIPMENT, ACCESS HOLES, PROPER LOCATIONS, ETC. ANY & ALL VARIES DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT IN WRITING PRIOR TO THE BID DATE.
12. ALL FLOOR SLABS TO RECEIVE DRAINS SHALL BE RECEIVED APPROPRIATELY TO ACHIEVE POSITIVE SLOPE TO THAT DRAIN @ A 2" FOR 1'-0" SLOPE (MIN.)
13. ALL ROOF-MOUNTED MECHANICAL EQUIPMENT SHALL RECEIVE PARAPET TRI-COORS FOR F.D.O.U. WITH F.R.N.A. REQUIREMENTS ON ALL FOUR SIDES.
14. AT ALL NEW SIDEWALKS, THE ADJACENT GRADES TO RECEIVE SOD SHALL BE TO GREATER THAN 2" BELOW THE FINISH ELEVATION OF THE SIDEWALK SURFACE. TOPSOIL & SOD SHALL BE LAID TO ENSURE THAT THE TOP OF THE SIDEWALK SURFACE & THE SOD FLUSH-OUT W/ EACH OTHER.
15. THE G.C. SHALL BE RESPONSIBLE FOR DEFINING ANY ALL EXISTING FIELD CONDITIONS OF "AS-BUILT" CONDITIONS AND, BASED ON THAT INFORMATION, CONFIRMING ALL KNOWN ABOVE AND BELOW SURFACE CONDITIONS PRIOR TO COMPLETING WORK. IF IT IS DETERMINED THAT CONFLICTS IN THE WORK WILL RESULT, THE G.C. IS TO NOTIFY THE ARCHITECT IN WRITING PRIOR TO COMPLETING WORK IN THAT AREA.
16. THE G.C. SHALL SCHEDULE WORK & COORDINATE W/ GULLIVER SCHOOL ADMINISTRATION TO MINIMIZE THE IMPACT OF SCHOOL OCCUPIED SPACES INTENDED DURING ANY WORK PERIOD. ALL EXISTING UTILITIES SHALL REMAIN IN OPERATION THROUGHOUT CONSTRUCTION UNLESS PREVIOUSLY APPROVED BY THE OWNER & ARCHITECT IN WRITING.
17. TRENCH SAFETY ACT: PROVIDE TRENCH SAFETY SYSTEMS & ALL TRENCH EXCAVATIONS WORK PERSONS MAY BE EXPOSED TO MOVING AROUND OR SANDING REQUIREMENTS OF DEPTH OF TRENCH. ALL TRENCHES MORE THAN 5'-0" IN DEPTH SHALL COMPLY W/ THE TRENCH SAFETY ACT, SECTIONS 553.60 THROUGH 553.64 FLORIDA STATUTES. NO TRENCH SHALL BE LEFT OPEN OVERNIGHT.
18. REMOVE DEBRIS & CLEAN AREAS OF THE PROJECT SITE CONTAINING CONSTRUCTION MATERIALS, DEBRIS, & SPILLS ON A DAILY BASIS TO THE SATISFACTION OF THE SCHOOL. DISPOSE SAME CONTRACTOR DISCARDS.
19. THE G.C. SHALL PROVIDE AN ENGLISH-SPEAKING FOREMAN ON-SITE AT ALL TIMES WHEN WORK IS CONSTRUCTION WORK TAKING PLACE.



KEY PLAN

CONSULTANT

GILI-McGRAW ARCHITECTS, L.L.P.
4960 SOUTHWEST 72ND AVENUE, SUITE 402, MIAMI, FLORIDA 33148
TEL 305-663-1288 FAX 305-663-1294
LICENSED ARCHITECT: AR0009488

NEW TOILETROOMS @
GULLIVER ACADEMY
12343 SW 53ND
MIAMI, FLORIDA 33183

SEAL

DATE: 05.13.09

REVISIONS

1 07.09.09

DWG. No.

A7.1

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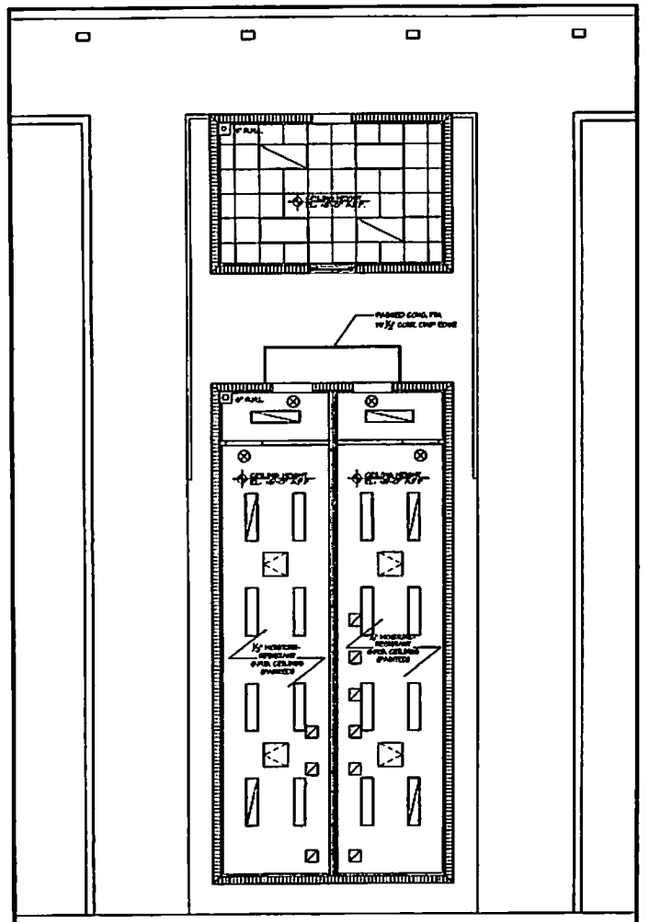
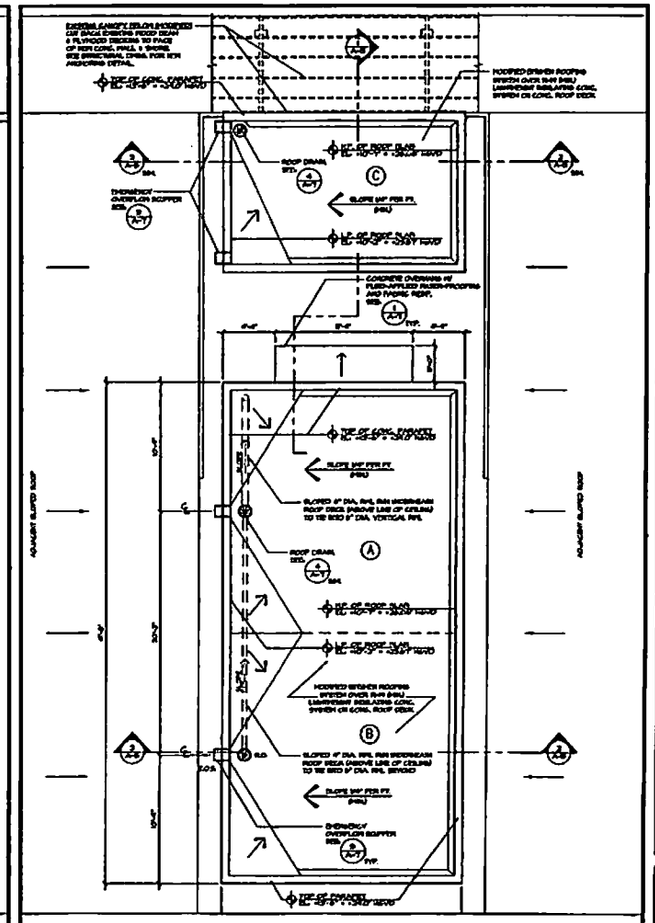


REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

GENERAL REFLECTED CEILING NOTES:

1) ALL CEILING HEIGHTS TO BE @ +9'-0" A.F.F. U.N.O.
2) SEE ELECTRICAL DRAWINGS TO DETERMINE IF FIXTURES ARE FLUSH OR CEILING POINTED.
3) ALL EXPOSED CONCRETE FINISH CEILING AREAS TO BE SHOWN AND FREE OF DEFECTS PRIOR TO PAINTING.
4) LOCATIONS OF ALL JOISTS SHOWN ARE AN APPROXIMATION. SEE STRUCTURAL DRAWINGS FOR EXACT LOCATIONS.
5) ANY FIXTURES LOCATED FIRMLY IN ACOUSTICAL CEILING PANEL, A.S. SPEAKERS, SPRINKLER HEADS, ETC.) SHALL BE POSITIONED IN THE EXACT CENTERED CENTER OF SAW PANEL.



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

ROOFING GENERAL NOTES:

1) SEE MEP DRAWINGS TO VERIFY AND CORRECT LOCATIONS OF VENTED PIPE-ROOF VENTS, ELEC. AND PLUMBING PENETRATIONS.
2) ALL ROOF SLOPES AND CRICKETS SHALL BE A MIN. OF 1/4" PER FT. (TYPICAL)
3) ROOFING SYSTEM SHALL COMPLY W/ MIAMI-DADE FLORIDA FIRE SECTION #FBC, VOL 2, OF THE PROJECT MANUAL & AS NOTED ON THE STRUCTURAL DRAWINGS. (TYPICAL)
4) ALL ROOF WATER PIPE AND OTHER PENETRATIONS SHALL BE 3x P.T. CURBS ANCHORED TO ROOF DECK (TYP-DOCUMENTS)
5) ALL CURBS SHALL RECEIVE A MIN. OF 2x SPF NAILERS FOR SEAL
6) THE G.C. SHALL VERIFY A MIN. 12"-0" SEPARATION BETWEEN ALL AIR SHAFTS, CAPPED & PLUMBING VENTS.
7) ALL ROOFING SUBMITTALS SHALL COMPLY W/ THE FOLLOWING:
* OVERHANGS LABORATORIES UL-790 AND ASTM D-3462 REQUIREMENTS FOR CLASS "A" FIRE-RATING FOR ROOF COVERING.
* FACTORY MIXED, PREFORMED FOR CLASS I RATED ASSEMBLIES & ON-SITE CLASSIFICATIONS AS DETERMINED BY ASS.E. T-48, M-NC, ROOFING PROTOCOLS.

CALCS. FOR RAIN WATER LEADERS & OVERFLOW SCUPPERS

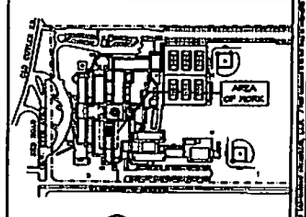
ROOF AREA NAME	SQUARE FOOTAGE	PROPOSED RAIL SIZE	ALLOWABLE ROOF AREA (SQ. FT.) PER PROPOSED RAIL	MIN. OVERFLOW SCUPPER AREA REQUIRED (1/3 x RAIL AREA)	OVERFLOW SCUPPER PROPOSED
A	2'-0"	4" DIA. (PLUMB DIA. RL)	2,000	272 SQ. IN.	20" x 17" 340 SQ. IN.
B	2'-0"	4" DIA. (PLUMB DIA. RL)	2,000	272 SQ. IN.	20" x 17" 340 SQ. IN.
C	200	4" DIA. (PLUMB DIA. RL)	2,000	272 SQ. IN.	2 20" x 17" 680 SQ. IN.

NOTES:

1) CALCULATIONS BASED ON 100 YEAR, 1 HOUR RAINFALL = 4.7" (REFERENCE TO 2003 FLORIDA BUILDING CODE - PLUMBING)
2) RAIN WATER LEADERS SIZED AS PER TABLE 905.3 (2003 FLORIDA BUILDING CODE - PLUMBING)
3) OVERFLOW SCUPPERS SIZED AS PER SECTION 307 (2003 FLORIDA BUILDING CODE - PLUMBING)

REFLECTED CEILING PLAN SYMBOL LEGEND

- EXIT SIGN WITH EMERGENCY BATTERY
- RECESSED, SEMI-RECESSED SURFACE OR PENDANT MOUNTED FIXTURE
- 2 & 4 FLUORESCENT FIXTURE (RECESSED OR LAY-IN)
- 2 & 4 FLUORESCENT FIXTURE (RECESSED OR LAY-IN) WITH EMERGENCY BATTERY
- 2 & 3 FLUORESCENT FIXTURE (RECESSED OR LAY-IN)
- 1 & 4 FLUORESCENT FIXTURE (SURFACE OR PENDANT MOUNTED)
- 1 & 4 FLUORESCENT FIXTURE (SURFACE OR PENDANT MOUNTED) WITH EMERGENCY BATTERY
- SURFACE-MOUNTED EXTERIOR WALL-PACK LIGHT
- SUPPLY AIR DIFFUSER
- RETURN AIR GRILLE
- EXHAUST FAN
- CEILING MOUNTED SMOKE DETECTOR
- CEILING MOUNTED HEAT DETECTOR
- FIRE ALARM STROBE LIGHT
- FIRE ALARM HORN & STROBE LIGHT
- CEILING MOUNTED SPRINKLER SPLAYER
- 2 x 2 ACCESS PANEL



KEY PLAN
SCALE: 1/32" = 1'-0"

CONSULTANT:
GILI-McGRAW ARCHITECTS, L.L.P.
4960 SOUTHWEST 72ND AVENUE, SUITE 400, MIAMI, FLORIDA 33155
TEL. 305.663.1383 FAX. 305.663.1384
LICENSED BUSINESS: AA0000095

NEW TOILETROOMS @
GULLIVER ACADEMY
15655 SW 104th
MIAMI, FLORIDA 33196

SEAL:

DATE: 11.12.08

REVISIONS:

DWG. No.
A7.2