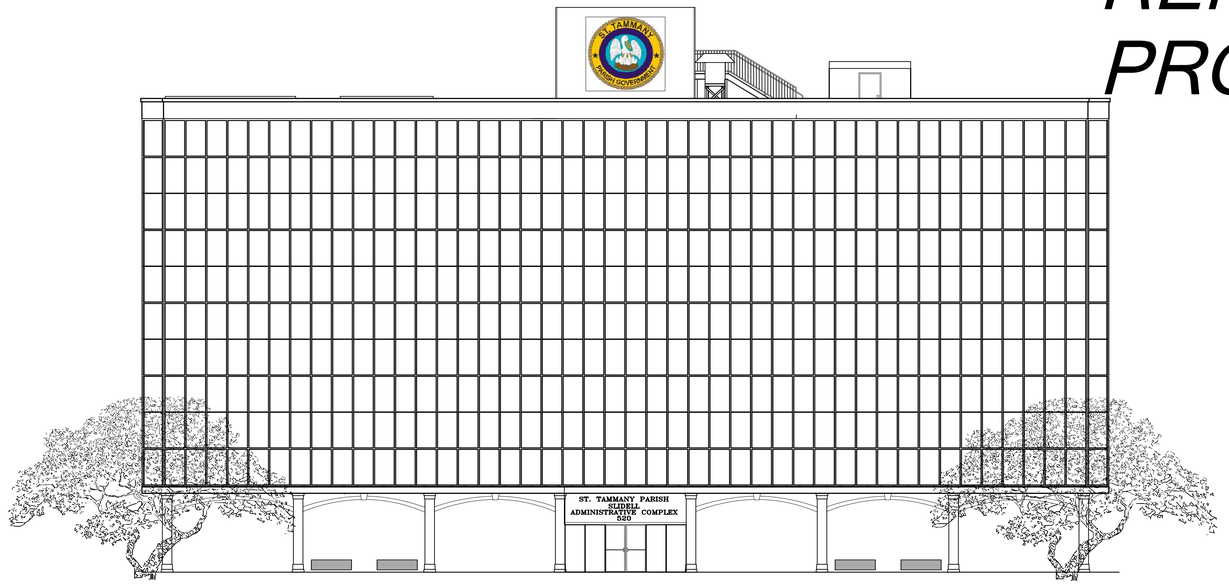
ST. TAMMANY PARISH
SLIDELL ADMINISTRATIVE COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATION PROJECT

RENOVATION DETAILS

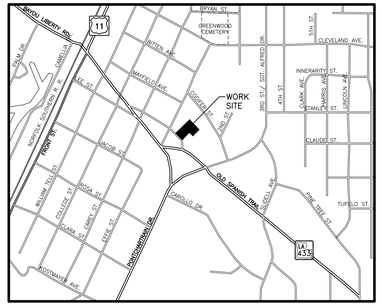
1. HURRICANE DAMAGED BUILDING.
2. RENOVATIONS LESS THAN HALF VALUE OF FACILITY.
3, NO ADDITIONAL AREA BEING ADDED TO BUILDING.
3, EXTERIOR WALLS WILL BE UPGRADED TO INSULATED WINDOW WALLS THAT MEET IBC WIND PRESSURE REQUIREMENTS.
4. BUILDING WILL BE FULLY SPRINKLED.



NEW ELEVATION FROM PONTCHARTRAIN DRIVE

INTERNATIONAL BUILDING CODE 2006

OCCUPANCY: GROUP B–BUSINESS (ALL FLOORS)			
CONSTRUCTION: 6 STORY BUILDING – TYPE I B W/JACK UP SLABS (EXISTING)– WILL BE FULLY SPRINKLED			
	1 STORY ADDITION – TYPE IV (EXISTING)– WILL BE FULLY SPRINKLED		
(TABLE 503) SIX STORY BUILDING (EXISTING– NON FLAMABLE]		ONE STORY ADDITION (EXISTING– PRESENTLY PARTIALLY SPRINKLED)	
	11 STORIES ALLOWED	5 STORIES ALLOWED	
	AREA 42144 S.F. (UNLIMITED ALLOWED)	AREA: 2110 S.F. (36000 S.F. ALLOWED)	
(TABLE 601)	FIRE RESISTANCE RATING–	SIX STORY BUILDING	ONE STORY ADDITION
	STRUCTURAL FRAME	STRUCTURAL FRAME (2HR)	(HEAVY TIMBER BEAMS)
			STRUCTURAL FRAME
	BEARING WALLS (INTERIOR & EXTERIOR)–0 HRS.	INTERIOR: 2HR	INTERIOR: 2 HR.
		EXTERIOR: 2HR	EXTERIOR: 2 HR.
	FLOOR CONSTRUCTION–0 HR.	2 HR.	CONC. SLAB
	ROOF CONSTRUCTION–0 HR.	1 HR.	MTL ROOF OVER HEAVY TIMBER
	EXISTING 2 HR. RATING BETWEEN 1 STORY AND 6 STORY TO BE MAINTAINED		
(TABLE 602)	FIRE RESISTANCE RATING FOR EXTERIOR WALLS–		
	0 HRS.–EXTERIOR WALLS < 30' FIRE SEPARATION DISTANCE		
(TABLE 704.8)	MAX. AREA OF EXTERIOR WALL OPENINGS–		
	WHERE EXT. WALL NOT LOAD BEARING, NO FIRE RATING REQ'D		
	BUILDINGS WITH 10'+ ALLOWED UNLIMITED AND UNPROTECTED OPENINGS		
(SEC 907)	FIRE PROTECTION SYSTEMS		
	THE ONE STORY ADDITION IS CURRENTLY AND WILL CONTINUE TO BE PROTECTED WITH A FIRE SPRINKLER SYSTEM		
	THE ONE FLOOR ADDITION AND SIX STORY BUILDING WILL BE PROTECTED WITH A FIRE DETECTION AND ALARM SYSTEM		
	AND THE ENTIRE BUILDING WILL BE SPRINKLED.		
(SEC 1603.1.4)	BUILDING MODS SHALL BE DESIGNED IN ACCORDANCE WITH IBC SECTION 1609 AS A PARTIALLY ENCLOSED		
	BUILDING USING THE FOLLOWING INFORMATION:		
(FIG 1609)	BASIC WIND SPEED – 130 M.P.H.		
IMPORTANCE FACTOR			
(TABLE 1604.5)	CATEGORY I BUILDING, IE=1.22, IS=1.1, IW=1.15		
(SEC 1609.4)	EXPOSURE B		
	DETERMINATION OF WIND LOADS SHALL BE IN ACCORDANCE WITH IBC 1609.6 (130 M.P.H. STEADY, 150 M.P.H. GUSTS)		
	WINDOWS SHALL MEET IBC 1609.6 WIND SPEED REQUIREMENTS = 52.78 PSF. FOR 6 FLOORS		
(TABLE 1607.1)	MINIMUM UNIFORM LIVE LOADS		
	–PRIVATE ROOMS AND CORRIDORS – 40 P.S.F. (EXISTING FLOORS)		
	–PUBLIC ROOMS AND CORRIDORS – 100 P.S.F. (FLOORS ARE EXISTING EXCEPT NEW 2ND FLOOR ELEVATOR LOBBY)		
(FIG 1608.2)	GROUND SNOW LOADS:		
	–0 P.S.F.		
NOTE: THE 6 STORY BUILDING HAS A JACK UP SLAB, CONCRETE COLUMNS, WITH NO LOAD BEARING WALLS.			



VICINITY MAP
N.T.S.

DRAWING INDEX

C–1	COPY OF SURVEY	A–6	SIXTH FLOOR RENOVATE PLAN	E6 L	6TH FLOOR LIGHTING PLAN
C–2	EXISTING SITE PLAN	A–7	ROOF RENOVATION PLAN	E–7	ROOF ELECTRICAL PLAN
C–3	PROPOSED SITE PLAN	A–8	SOUTH ELEVATION	E–8	EXISTING POWER PANELS
C–4	DRAINAGE PLAN	A–9	NORTH ELEVATION	E–9	NEW POWER PANELS
C–5	PAVING PLAN	A–10	WEST ELEVATION	E–10	NEW POWER PANELS
C–6	UTILITIES PLAN	A–11	EAST ELEVATION	E–11	NEW POWER PANELS
C–7	PAVING NOTES AND DETAILS	A–12	1ST FLOOR REFLECTED CEILING PLAN	E–12	ONE LINE DIAGRAMS
L–1	LANDSCAPING PLAN	A–13	2ND FLOOR REFLECTED CEILING PLAN	E–13	EXISTING ELECTRICAL SYSTEM
D–1	FIRST FLOOR DEMOLITION PLAN	A–14	3RD FLOOR REFLECTED CEILING PLAN	E–14	PARKING LOT LIGHTING PLAN
D–2	SECOND FLOOR DEMOLITION PLAN	A–15	4TH FLOOR REFLECTED CEILING PLAN	E–15	PARKING LOT PHOTOMETRIC PLAN
D–3	THIRD FLOOR DEMOLITION PLAN	A–16	5TH FLOOR REFLECTED CEILING PLAN	M–1	1ST FLOOR MECHANICAL PLAN
D–4	FOURTH FLOOR DEMOLITION PLAN	A–17	6TH FLOOR REFLECTED CEILING PLAN	M–2	2ND FLOOR MECHANICAL PLAN
D–5	FIFTH FLOOR DEMOLITION PLAN	A–18	STAIR TOWER PLAN & DETAILS	M–3	3RD FLOOR MECHANICAL PLAN
D–6	SIXTH FLOOR DEMOLITION PLAN	~~A–19~~	~~UPLIFT CONNECTIONS~~ NOT USED	M–4	4TH FLOOR MECHANICAL PLAN
D–7	ROOF DEMOLITION PLAN	A–20	FIRE SPECIFICATIONS	M–5	5TH FLOOR MECHANICAL PLAN
D–8	ELEVATIONS DEMOLITION	A–21	ARCHITECTURAL NOTES & DETAILS	M–6	6TH FLOOR MECHANICAL PLAN
D–9	PARKING LOT DEMOLITION PLAN	H–1	HANDICAP NOTES AND DETAILS	M–7	ROOF MECHANICAL PLAN
S–1	1ST FLOOR STRUCTURAL PLAN	H–2	HANDICAP NOTES AND DETAILS	M–8	HVAC RISER DIAGRAMS
S–2	2ND FLOOR STRUCTURAL PLAN	E1 P	1ST FLOOR POWER PLAN	P–1	1ST FLOOR PLUMBING PLAN
S–3	PORTE COCHERE PLAN & DETAILS	E2 P	2ND FLOOR POWER PLAN	P–2	2ND FLOOR PLUMBING PLAN
S–4	STAIR TOWER FRAMING PLAN	E3 P	3RD FLOOR POWER PLAN	P–3	3RD FLOOR PLUMBING PLAN
S–5	ROOF RENOVATION PLAN	E4 P	4TH FLOOR POWER PLAN	P–4	4TH FLOOR PLUMBING PLAN
S–6	CHILLER DECK & PAD DETAILS	E5 P	5TH FLOOR POWER PLAN	P–5	5TH FLOOR PLUMBING PLAN
S–7	PILING & FOUNDATION PLAN	E6 P	6TH FLOOR POWER PLAN	P–6	6TH FLOOR PLUMBING PLAN
S–8	WEST STAIR TOWER SECTION	E7 P	ROOF POWER PLAN	P–7	ROOF PLUMBING PLAN
A–1	FIRST FLOOR RENOVATE PLAN	E1 L	1ST FLOOR LIGHTING PLAN	P–8	PLUMBING RISER DIAGRAMS
A–2	SECOND FLOOR RENOVATE PLAN	E2 L	2ND FLOOR LIGHTING PLAN	P–9	PLUMBING RISER DIAGRAMS
A–3	THIRD FLOOR RENOVATE PLAN	E3 L	3RD FLOOR LIGHTING PLAN		
A–4	FOURTH FLOOR RENOVATE PLAN	E4 L	4TH FLOOR LIGHTING PLAN		
A–5	FIFTH FLOOR RENOVATE PLAN	E5 L	5TH FLOOR LIGHTING PLAN		

CONTRACT SET- 10/10/07

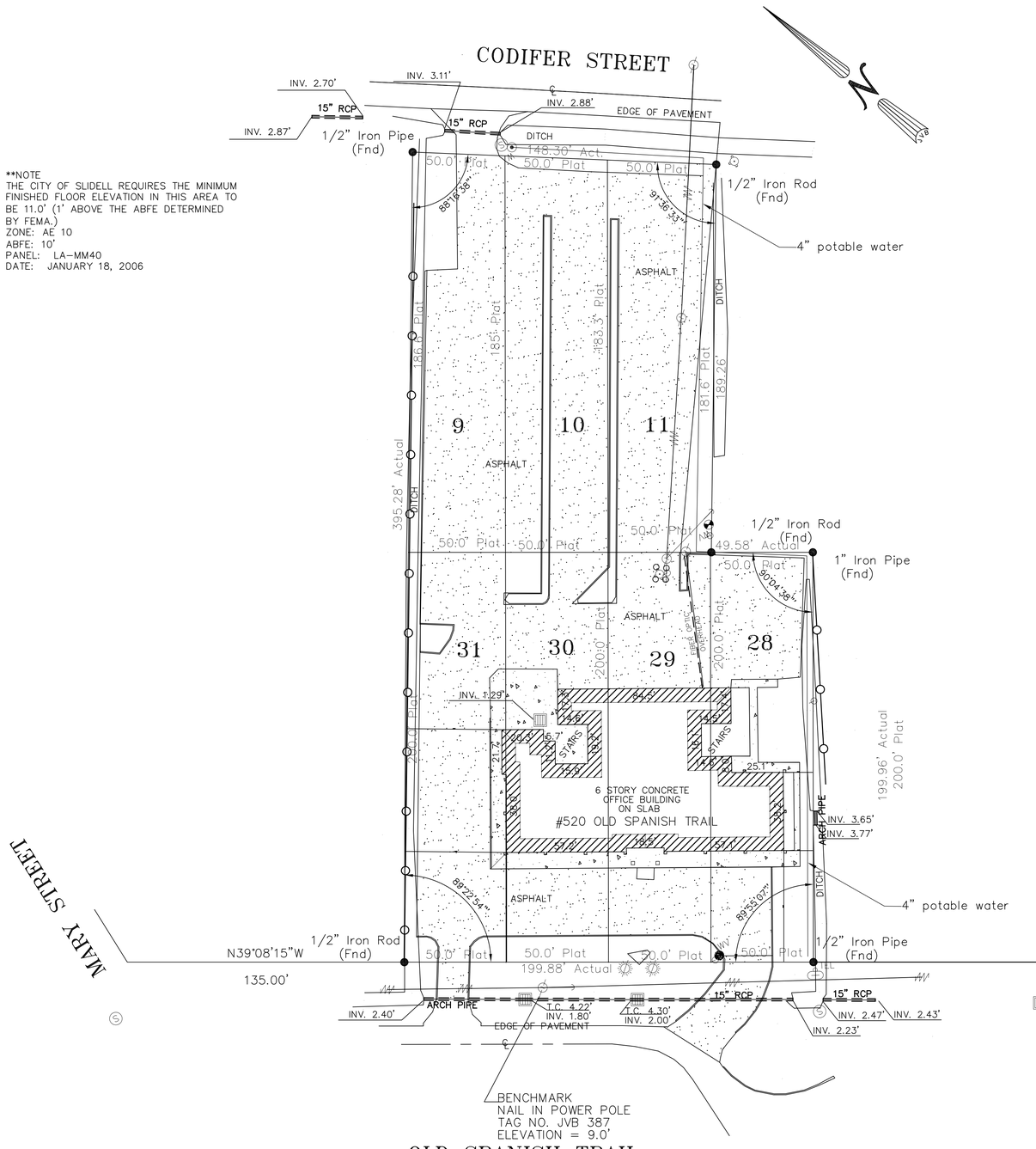
ST. TAMMANY PARISH
ADMINISTRATIVE COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

DATE: 1-8-07
REVISED:
REVISED:
REVISED:
JOB NO. 1729

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE
SLIDELL, LOUISIANA 70458
(985) 649-5832 (985) 641-5950 FAX
DAMMONENGINEERING.COM

SCALE: NONE

SHEET 1 OF



**NOTE
THE CITY OF SLIDELL REQUIRES THE MINIMUM FINISHED FLOOR ELEVATION IN THIS AREA TO BE 11.0' (1' ABOVE THE ABFE DETERMINED BY FEMA.)
ZONE: AE 10
ABFE: 10'
PANEL: LA-MM40
DATE: JANUARY 18, 2006

COPY OF SURVEY
SCALE: 1"=30'-0"

COPY OF SURVEY

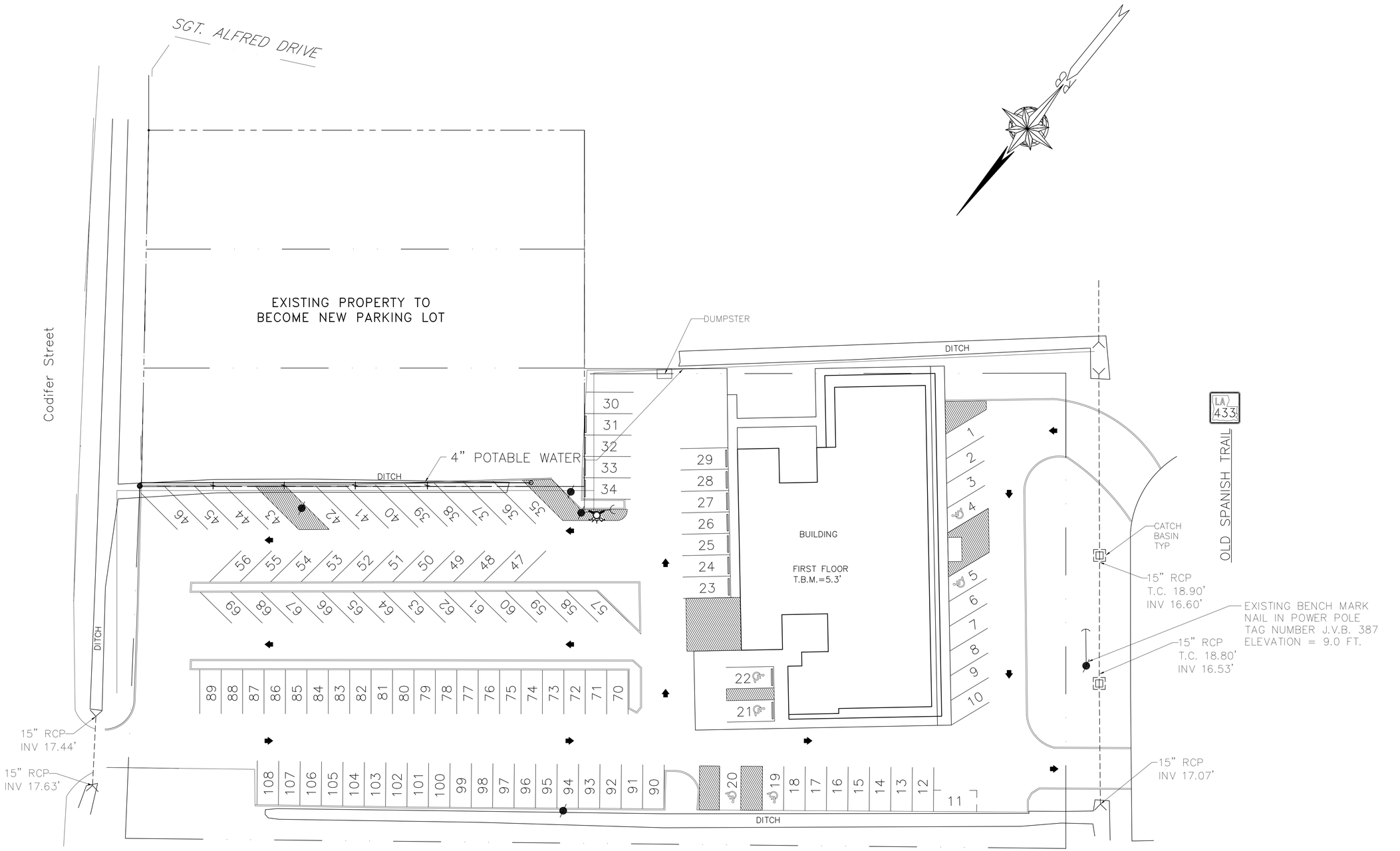
ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING, INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE: 1"=30'
FILE:
JOB NO. 1729
DATE:1-8-07
SHEET
C-1
OF

CONTRACT SET- 10/10/07



EXISTING SITE PLAN

SCALE: 1"=20'-0"

CONTRACT SET- 10/10/07

EXISTING SITE PLAN

ST. TAMMANY PARISH OFFICE BUILDING
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING, INC.
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SCALE: 1"=20'

FILE:

JOB NO. 1729

DATE:1-8-07

SHEET
C-2
OF

SGT. ALFRED DRIVE

NOTE:
ALL EXISTING TRASH, FURNITURE, COMPUTERS, STORED ITEMS IN THE BUILDING AND ON GROUNDS (EXCEPT FOR ITEMS SPECIFICALLY NOTED TO BE TURNED OVER TO THE OWNER) SHALL BECOME THE PROPERTY OF THE CONTRACTOR, FOR HIS DISPOSAL.

10'-0" TYP

NEW 6' HIGH OPAQUE FENCE

16'-5 1/8"

PEDESTRIAN PLANTING 564.37 S.F.

CHILLER TOWERS PAD & PLATFORM

DUMPSTER W/7' HIGH WOOD FENCE & WOOD GATES

EXISTING FENCE TO REMAIN

ARCH PIPE

10'-0" TYP

LAWN AREA INSIDE CLOUD SHALL BE FILLED & SODDED ON THIS CONTRACT TREES & SHRUBS TO REMAIN. (FUTURE LAWN & MEMORIAL BY OTHERS)

15" RCP

EXISTING FIRE HYDRANT

NEW FIBER OPTIC POLE

NEW POWER POLE

20'-0" TYP

RELOCATED PEDESTRIAN PLANTING AREA 725.74 S.F.

CONST. DUMPSTER

EXISTING FIRE HYDRANT

EXISTING AREA OF DEMOLISHED ROADWAY & PARKING LOT

NEW 5 FT. SIDEWALK (THIS CONTRACT)

LA 433

PEDESTRIAN PLANTING AREA AGAINST BACK OF BLDG. 194.80 S.F.

REMOVE ALL SIGNS FROM BUILDING AND PARKING LOT

9'-0" TYP

18'-0" TYP

PEDESTRIAN PLANTING AREAS 243.11 S.F.

EXISTING FENCE TO REMAIN

"DETECTABLE WARNING" ON RAMP SURFACES CUT 1/4" DEEP GROOVES THAT ARE SPACED 1" TO 3" ON CENTER AND SCORED INTO CONCRETE. PAINT CONTRASTING COLOR. INSTALL HDCP SIGNS TYP

NOTE:
TREES ALONG THE WEST SIDE OF THE PROPERTY, IN THE DITCH AND INSIDE OR ON THE PROPERTY LINE SHALL BE REMOVED. TREES THAT OVERHANG THE PARKING AREAS SHALL BE TRIMMED TO THE PROPERTY LINE. STORM BLOWN TRASH WEST OF PROPERTY LINE AND WITHIN 5 FEET OF PROPERTY LINE SHALL BE REMOVED.

REQUIRED PEDESTRIAN PLANTING: 1103.84 S.F.
SUPPLIED PEDESTRIAN PLANTING: 1728.02 S.F.

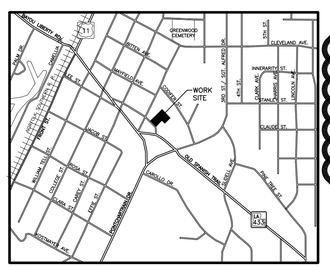
SITE PLAN
SCALE: 1"=20'-0"

—PARKING REQUIREMENT—
TOTAL AREA= 42,928 SQ. FT.
TOTAL USABLE AREA= 34,246 SQ. FT.
171 PARKING SPACES REQUIRED, 1 PER 200 SQ. FT.
9 ACCESSIBLE, 3 VAN SPACES

PREVIOUSLY AVAILABLE—90 SPACES

—FURNISHED—
141 PARKING SPACES FURNISHED
7 ACCESSIBLE, 4 VAN SPACES

VICINITY MAP
N. T. S.



LEGEND

- CENTERLINE OF ROAD
- PROPERTY LINE
- NEW BUILDING
- EXISTING FENCE LINE
- SETBACK LINE
- CREPE MYRTLE
- SHUMARD OAK
- LARGE CAMELLIA
- HORN BEAM
- SHRUB
- NEW DROP INLET
- LANDSCAPE UPLIGHT
- LIGHT POLE
- TRASH RECEPTACLE

= ADDENDUM 2 CHANGE

ADDENDUM 2 REVISED: 08-20-07ab
REVISED: 03-01-07ab
REVISED: 02-27-07

CONTRACT SET- 10/10/07

PROPOSED SITE PLAN

ST. TAMMANY PARISH OFFICE BUILDING
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

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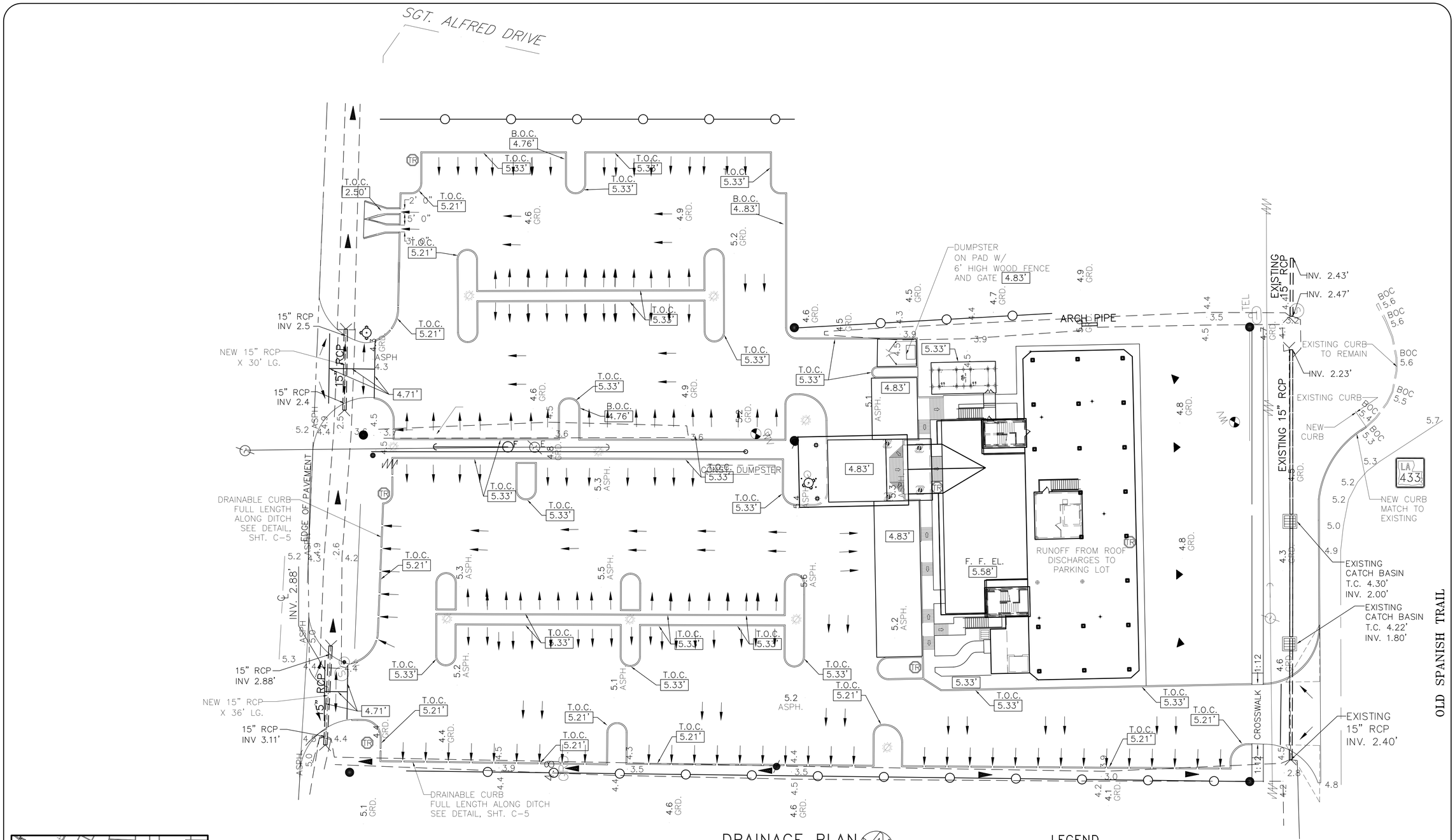
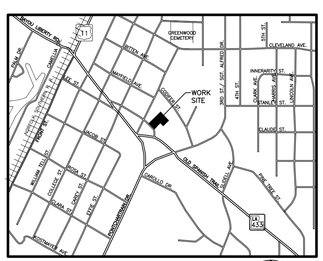
SCALE: 1"=20'
FILE:
JOB NO. 1729
DATE:1-8-07
SHEET
C-3
OF



DRAINAGE PLAN

SCALE: 1"=20'-0"

NOTE:
SEE DWG. C-5 FOR PAVING DETAILS.



VICINITY MAP

N. T. S.

LEGEND

- PROPERTY LINE
- SETBACK LINE
- NEW BUILDING
- NEW CURB
- T.O.C. –TOP OF CURB
- B.O.C. –BOTTOM OF CURB
- F.F. –FINISHED FLOOR
- PSF –POUNDS PER SQUARE FOOT
- EXISTING CATCH BASIN
- TEMPORARY SILT FENCE
- ×4.4 – EXISTING ELEVATIONS
- X.X' – NEW ELEVATION'
- DIRECTIONAL FLOW

REVISED: 03-07-07ab

CONTRACT SET- 10/10/07

DRAINAGE PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING, INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
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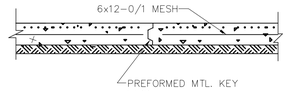
SCALE: 1"=20'

FILE:

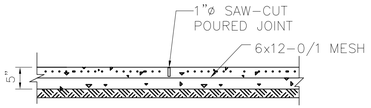
JOB NO. 1729

DATE:1-12-07

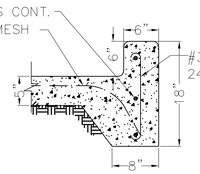
SHEET
C-4
OF



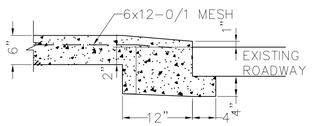
CONSTRUCTION JOINT
N. T. S.



CONTRACTION JOINT
N. T. S.

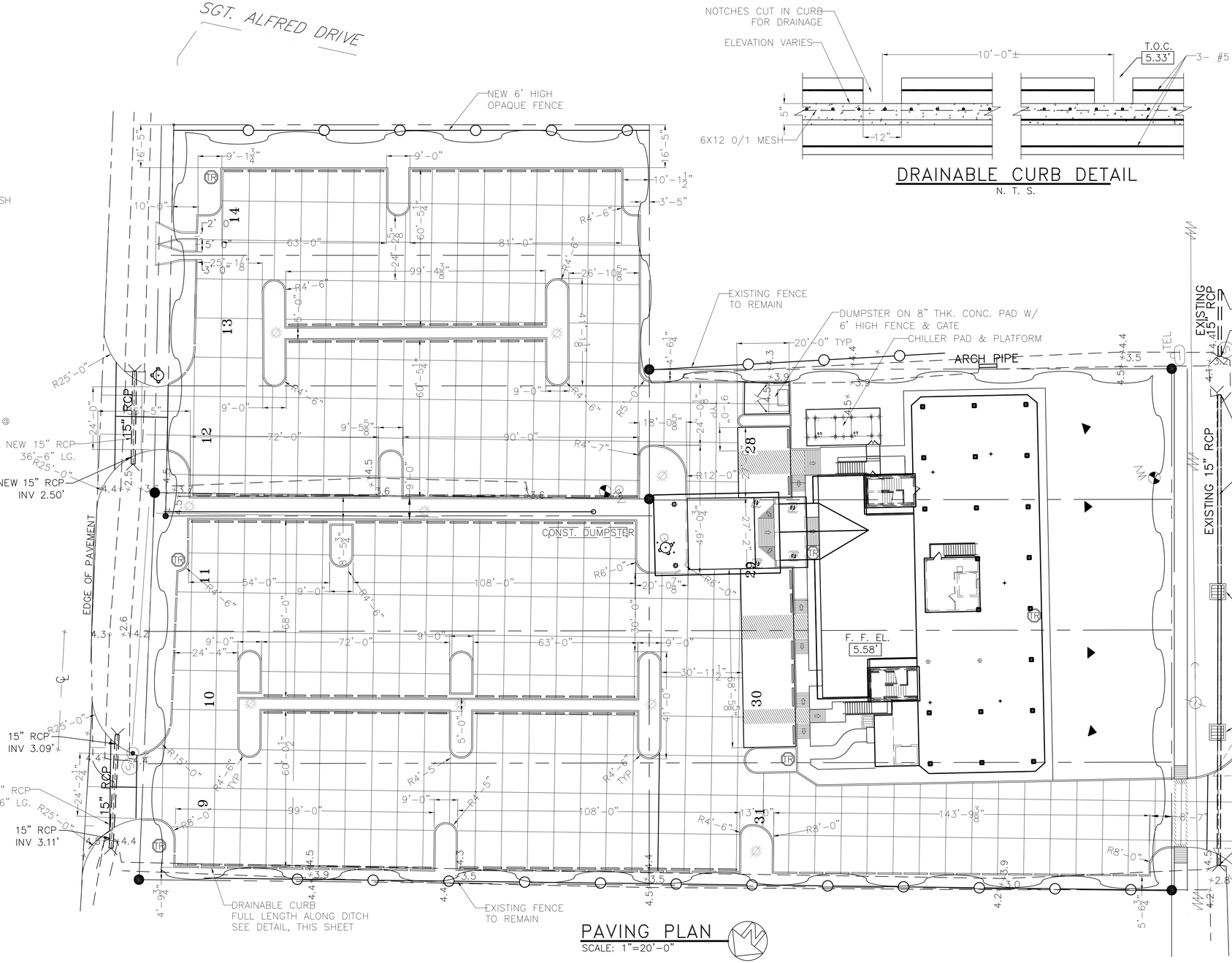


TYPICAL CURB DETAIL
N. T. S.



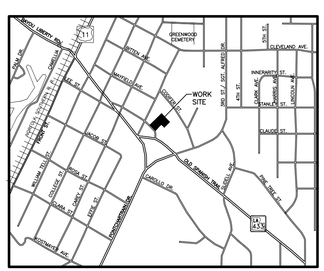
DRIVEWAY SECTION
N. T. S.

NOTE:
DRIVEWAY IN CITY RIGHT OF WAY SHALL BE 6" THICK REIFNFOCED CONCRETE.



PAVING PLAN
SCALE: 1"=20'-0"

DRAINABLE CURB DETAIL
N. T. S.



VICINITY MAP
N. T. S.

NOTE:
VERIFY LOCATIONS OF ALL UNDER GROUND UTILITIES

SILT FENCE DRAWN DIAGRAMMATICALLY AND SHALL BE CONSTRUCTED INSIDE PROPERTY LINE.

LEGEND

- PROPERTY LINE
- SETBACK LINE
- NEW BUILDING
- NEW CURB
- CONSTRUCTION JOINT
- EXISTING CATCH BASIN
- TEMPORARY SILT FENCE

REVISED: 03-01-07ab
REVISED: 02-28-07

CONTRACT SET- 10/10/07

PAVING PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
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RENOVATE PRIVATE OFFICE BUILDING

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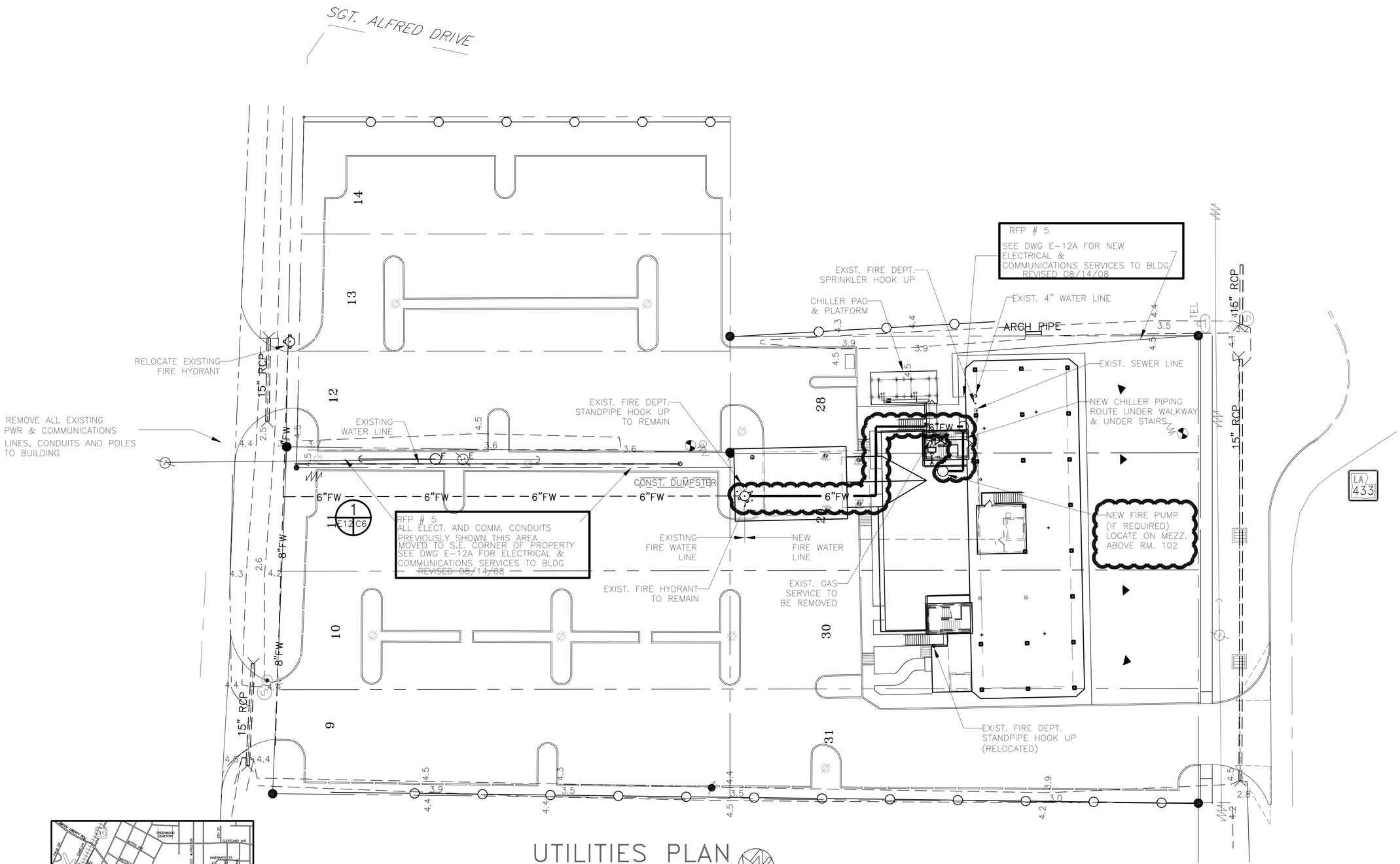
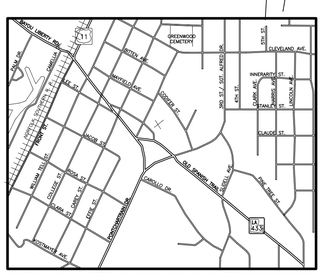
SCALE: 1"=20'
FILE:
JOB NO. 1729
DATE:1-8-07
SHEET C-5
OF



UTILITIES PLAN
SCALE: 1"=20'-0"



VICINITY MAP
N. T. S.

REVISED: 08-14-08 ED

= ADDENDUM 7 CHANGE

REVISED: 03-07-07ab

ADDENDUM 7 REVISED: 08-20-07ab
REVISED: 03-07-07ab

CONTRACT SET- 10/10/07

UTILITIES PLAN

ST. TAMMANY PARISH ADMIN COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE PRIVATE OFFICE BUILDING

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1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
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SCALE: 1"=20'
FILE:
JOB NO. 1729
DATE:1-8-07
SHEET C-6A
OF

SIDEWALKS:

1) ALL SIDEWALKS SHALL BE CONSTRUCTED OF PORTLAND CEMENT CONCRETE WITH A COMPRESSIVE STRENGTH OF 2,000 P.S.I. AT TWENTY-EIGHT DAYS AND A MINIMUM THICKNESS OF FIVE INCHES.
2) ALL SIDEWALKS TO HAVE A WIDTH OF FIVE FEET AND SHALL BE CONSTRUCTED AS PER THE LOCATION SHOWN ON THE SITE PLAN.
3) ALL SIDEWALKS SHALL BE SCORED TO A DEPTH OF 3/4" AT FOUR FOOT INTERVALS WITH EXPANSION JOINTS PLACED AT TWENTY FOOT INTERVALS.
4) EXPANSION JOINTS SHALL BE CONSTRUCTED OF 1/2" THICK PRE-MOLDED EXPANSION MATERIAL WITH ALL CORNERS TO BE FORMED BY EXPANSION JOINTS.
5) ANY SIDEWALK OR ROUTE THAT IS NOT AT A LEVEL ELEVATION AT IT'S INTERSECTION WITH A DRIVEWAY OR STREET WILL BE REQUIRED TO INSTALL A CURB RAMP AT A MAXIMUM SLOPE OF 1:12 WITH A MAXIMUM RISE OF 30" AND A MINIMUM LEVEL STRAIGHT CURB SEGMENT OF 48".
6) THE TEXTURE OF THE DRIVEWAY AND INTERSECTION HANDICAP RAMPS SHALL BE CONSTRUCTED OF A NON-SLIP SURFACE. ACCOMPLISHED BY "BROOMING" THE RAMP SURFACE AND GROOVING 2-3 INCH SPACING AT RIGHT ANGLE DIRECTIONS. GROOVES TO BE APPROXIMATELY 1/4" DEEP x 1/8" WIDE.
7) ALL SIDEWALKS SHALL BE SLOPED 1" TOWARDS THE ADJANCENT STREET OR DRIVEWAY.
8) CONTRACTOR SHALL CONTACT THEIR REGULATORY DEPARTMENT OF ENGINEERING PRIOR TO ANY WORK BEING DONE WITHIN THE PARISH OR CITY RIGHT OF WAY OR SERVITUDE.

DRIVEWAYS:

1) ALL DRIVEWAYS BETWEEN STREET AND PROPERTY LINE SHALL BE CONSTRUCTED OF PORTLAND CEMENT CONCRETE WITH A COMPRESSIVE STRENGTH OF 4,000 P.S.I. AT TWENTY-EIGHT DAYS AND A MINIMUM THICKNESS OF 6".
2) ALL DRIVEWAYS BETWEEN STREET AND PROPERTY LINE CONNECTING WITH AN EXISTING ROADWAY SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAIL PROVIDED ON PAVING PLAN.
3) EXACT LOCATIONS OF ROADWAY AND DRIVEWAY CURBING WILL BE DETERMINED IN THE FIELD BY A REPRESENTATIVE OF THE REGULATORY DEPARTMENT OF ENGINEERING.
4) CONTRACTOR SHALL CONTACT THEIR REGULATORY DEPARTMENT OF ENGINEERING PRIOR TO THE FORMING OF DRIVEWAYS CONNECTING TO THE ROADWAY.

PARKING LOTS:

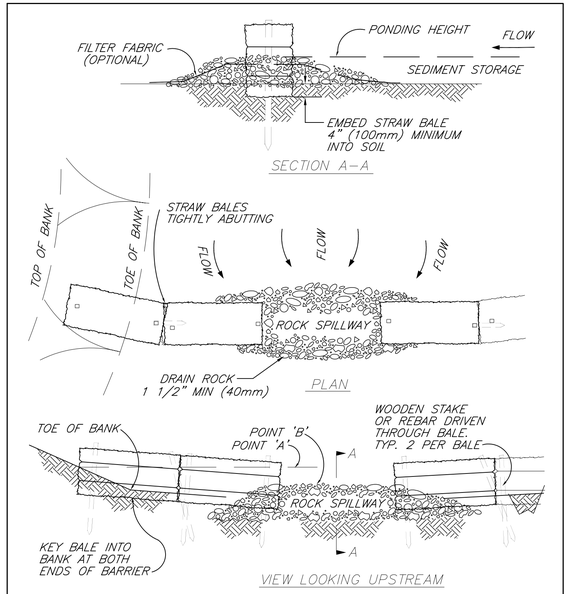
1) PARKING STALLS MUST BE STRIPED WITH A 4" WIDE CONTRASTING STRIPE (YELLOW ON CONCRETE, AND YELLOW OR WHITE ON ASPHALT PARKING LOTS).
2) HANDICAP PARKING SPACES TO BE DESIGNATED BY BLUE STRIPING AND EITHER A BLUE SYMBOL ONA WHITE BACKGROUND, OR A WHITE SYMBOL ON A BLUE BLACKGROUND. HANDICAP PARKING STALLS REQUIRE THE INSTALLATION OF PROPER SIGNAGE.
3) ALL WHEEL STOPS AND CONCRETE CURBS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAILS PROVIDED ON THE PAVING PLAN.
4) ALL PARKING SPACES TO BE LAID OUT AS SHOWN ON THE PAVING PLANS, UNLESS OTHERWISE INDICATED.

DRAINAGE:

1) CONCRETE STRENGTH TO BE 4,000 P.S.I. MINIMUM AT TWENTY-EIGHT DAYS.
2) WHEN BOX IS 7'-0" OR LESS IN HEIGHT USE ONE LAYER OF BRICK. WHEN BOX IS 7'-0" BUT LESS THAT 12'-0" IN HEIGHT USE TWO LAYERS OF BRICK.
3) ALL MASONRY TO BE LAID WITH RUNNING BOND AND HEADER COURSE (EVERY FOURTH LAYER).
4) ALL WALLS TO BE PLASTERED 1/2" THICK INSIDE AND OUTSIDE.
5) 12" LIMESTONE BEDDING FOUNDATION SHALL BE REQUIRED UNDER ALL MANHOLES AND BASINS.
6) WHEN THE DEPTH OF BOX OR MANHOLE IS 4'-0" OR GREATER THE INSTALLATION OF STEPS WILL BE REQUIRED IN ACCORDANCE WITH PUBLIC WORKS STANDARDS.
7) THE MINIMUM DRAIN SIZE ACCEPTABLE FOR ANY INSTALLATION ON PUBLIC RIGHT OF WAY SHALL BE 24" IN DIAMETER.
8) CONTRACTOR WILL CONTACT THEIR REGULATORY DEPARTMENT OF ENGINEERING PRIOR TO WORK DONE WITHIN THE PARISH, CITY RIGHT OF WAYS, OR SERVITUDES.

TRAFFIC CONTROLS:

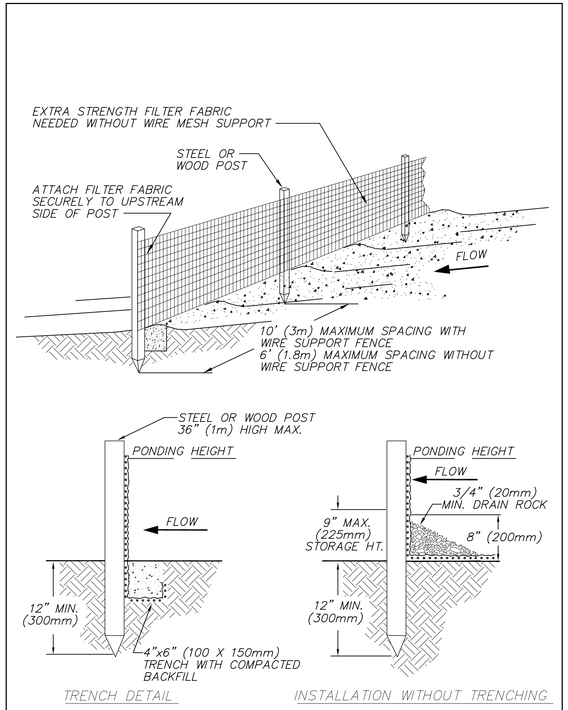
ANY WORK WITHIN THE ROADWAY OR ADJACENT TO THE ROADWAY CAUSING AN INTERFERENCE TO VEHICULAR TRAFFIC REQUIRES PRIOR TO THE PARISH OR CITY TRAFFIC ENGINEERING DIVISION, AND MUST CONFORM TO THE REQUIREMENTS SET FORTH BY THE UNIFORM MANUAL OF TRAFFIC CONTROL DEVICES OF THE STATE OF LOUISIANA. THE CONTRACTOR MUST FURNISH ALL NECESSARY TRAFFIC SIGNS AND/OR BARRICADES AND MAINTAIN THEM DURING CONSTRUCTION ACTIVITY.



NOTES:
1. PLACE BALES PERPENDICULAR TO FLOW.
2. EMBED THE BALE 4" (100mm) INTO THE SOIL AND "KEY" THE END BALES INTO THE CHANNEL BANKS TO PREVENT FLOW AROUND THE BALES.
3. BALES PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING.
4. POINT "A" SHALL BE HIGHER THAN POINT "B".
5. SPILLWAY HEIGHT SHALL NOT EXCEED 24" (0.6m).

SEMI-PERVIOUS STRAW BALE SEDIMENT BARRIER

N.T.S.



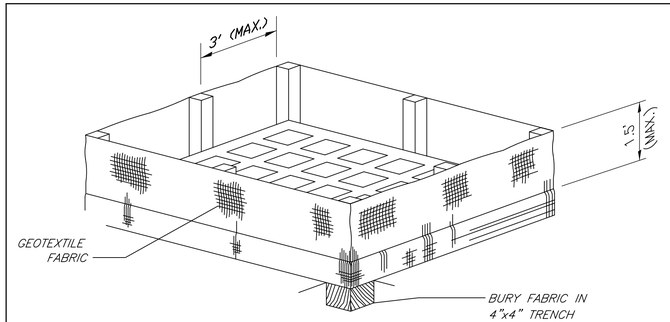
NOTES:
1. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.
2. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY. 9" (225mm) MAXIMUM RECOMMENDED STORAGE HEIGHT.
3. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.

Silt Fence Detail

N.T.S.

METHOD FOR SILT FENCE INSTALLATION

1) THE BASE OF BOTH END POSTS MUST BE AT LEAST 2'-4" ABOVE THE TOP OF THE SILT FENCE FABRIC ON THE MIDDLE POSTS FOR DITCH CHECKS TO DRAIN PROPERLY. USE A HAND LEVEL OR STRING LEVEL, IF NECESSARY, TO MARK BASE POINTS BEFORE INSTALLATION.
2) INSTALL POSTS 3-4 FEET APART IN CRITICAL WATER RETENTION AREAS AND 6-7 FEET APART ON STANDARD APPLICATIONS.
3) INSTALL POSTS 24" DEEP ON THE DOWNSTREAM SIDE OF THE SILT FENCE, AND AS CLOSE AS POSSIBLE TO THE FABRIC, ENABLING POSTS TO SUPPORT THE FABRIC FROM UPSTREAM WATER PRESSURE.
4) INSTALL POSTS WITH THE NIPPLES FACING AWAY FROM THE SILT FENCE FABRIC.
5) ATTACH THE FABRIC TO EACH POST WITH THREE TIES, ALL SPACED WITHIN THE TOP 8" OF THE FABRIC. ATTACH EACH TIE DIAGONALLY 45° THROUGH THE FABRIC, WITH EACH PUNCTURE AT LEAST 1" VERTICALLY APART. ADDITIONALLY, EACH TIE SHOULD BE POSITIONED TO HANG ON A POST NIPPLE WHEN TIGHTENED TO PREVENT SAGGING.
6) WRAP APPROXIMATELY 6" OF FABRIC AROUND THE END POSTS AND SECURE WITH 3 TIES.
7) NO MORE THAN 24" OF A 36" FABRIC IS ALLOWED ABOVE GROUND LEVEL.
8) THE INSTALLATION SHOULD BE CHECKED AND CORRECTED FOR ANY DEVIATIONS BEFORE COMPACTION. USE A FLAT-BLADED SHOVEL TO TUCK FABRIC DEEPER INTO THE SILT IF NECESSARY.
9) COMPACTING IS VITALLY IMPORTANT FOR EFFECTIVE RESULTS. COMPACT THE SOIL IMMEDIATELY NEXT TO THE SILT FENCE FABRIC WITH THE FRONT WHEEL OF THE TRACTOR, SKID STEER, OR ROLLER EXERTING AT LEAST 60 PSI OF PRESSURE. COMPACT THE UPSTREAM SIDE FIRST, AND THEN EACH SIDE TWICE FOR A TOTAL OF FOUR TRIPS.



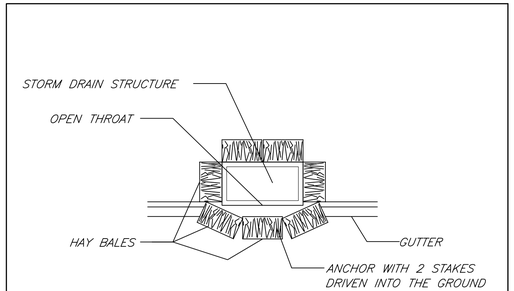
ISOMETRIC VIEW SHOWING GEOTEXTILE FABRIC

N.T.S.
(BACKFILL SOIL NOT SHOWN)

NOTES:

THE TEMPORARY DROP INLET SILT TRAP IS TO BE USED IN SMALL DRAINAGE AREAS (LESS THAN 1 ACRE) WHERE THE STORM DRAIN IS FUNCTIONAL BEFORE THE AREA IS STABILIZED. THE TRAP CAN BE EITHER GEOTEXTILE FABRIC OR HAY BALES.

1) THE GEOTEXTILE FABRIC SHALL CONFORM TO SECTION 1019 (TYPE G) OF THE LA DOTD STANDARD SPECIFICATIONS.
2) WOODEN STAKES SUPPORTING THE FABRIC SHALL BE SPACED AROUND THE INLET AT A MAXIMUM SPACING OF 3 FEET.
3) THE HEIGHT OF THE FABRIC ABOVE THE INLET SHALL BE LIMITED TO 1'-6" AND THE BOTTOM OF THE FABRIC SHALL BE BURIED IN A TRENCH APPROXIMATELY 4" WIDE BY 4" DEEP. THE FABRIC SHALL BE STAPLED TO POST WITH 1/2" STAPLES.
4) THE TRAP SHOULD BE INSPECTED REGULARLY AND AFTER EACH STORM. THE SEDIMENT SHOULD BE REMOVED AND MAKE SURE EACH STAKE IS FIRMLY IN THE GROUND.



PLAN SHOWING HAY BALES

N.T.S.

PAVING NOTES AND DETAILS

ST TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE:AS NOTED
FILE:
JOB NO. 1789
DATE:1-8-07
SHEET 6
C-7
OF 20

CONTRACT SET- 10/10/07

SGT. ALFRED DRIVE

6' HIGH OPAQUE FENCE

NOTE : AREA INSIDE CLOUD ; FILL AREA AFTER DEMO OF PARKING AREA & SOD ONLY. THIS AREA WILL BE COMPLETED BY OTHERS LEAVE TREES ETC.

CHILLER TOWERS PAD & PLATFORM

ARCH PIPE

NEW FIBER OPTIC POLE

NEW POWER POLE

CONST. DUMPSTER

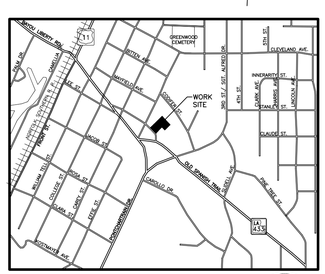
EXISTING 15" RCP

10' WIDE RIGHT-OF-WAY PLANTING AREA

NEW LIGHT POLE TYP

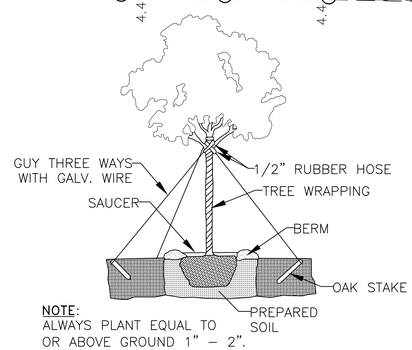
5' PEDESTRIAN PLANTING

GRASS IN OPEN AREAS TYP



VICINITY MAP

N. T. S.



NOTE:
ALWAYS PLANT EQUAL TO OR ABOVE GROUND 1" – 2".

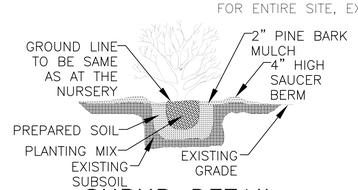
TYPICAL TREE PLANTING DETAIL

N. T. S.

LANDSCAPING PLAN

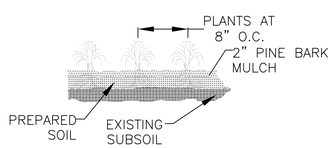
SCALE: 1"=20'–0"

NOTE:
PROVIDE SERVICES OF IAWN SPRINKLER CO. TO DESIGN & INSTALL LAWN SPRINKLER SYSTEM FOR ENTIRE SITE, EXCLUDING DITCH AREAS.



SHRUB DETAIL

N. T. S.



GROUND COVER DETAIL

N. T. S.

LEGEND

- CENTERLINE OF ROAD
- PROPERTY LINE
- NEW BUILDING
- EXISTING FENCE LINE
- SETBACK LINE
- CRAPE MYRTLE
- SHUMARD OAK
- LARGE CAMELLIA
- HORN BEAM
- SHRUB
- SEASONAL COLOR BED
- SHRUB BED

REVIDED: 02/19/07

CONTRACT SET- 10/10/07

LANDSCAPING PLAN

ST. TAMMANY PARISH OFFICE BUILDING
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING, INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
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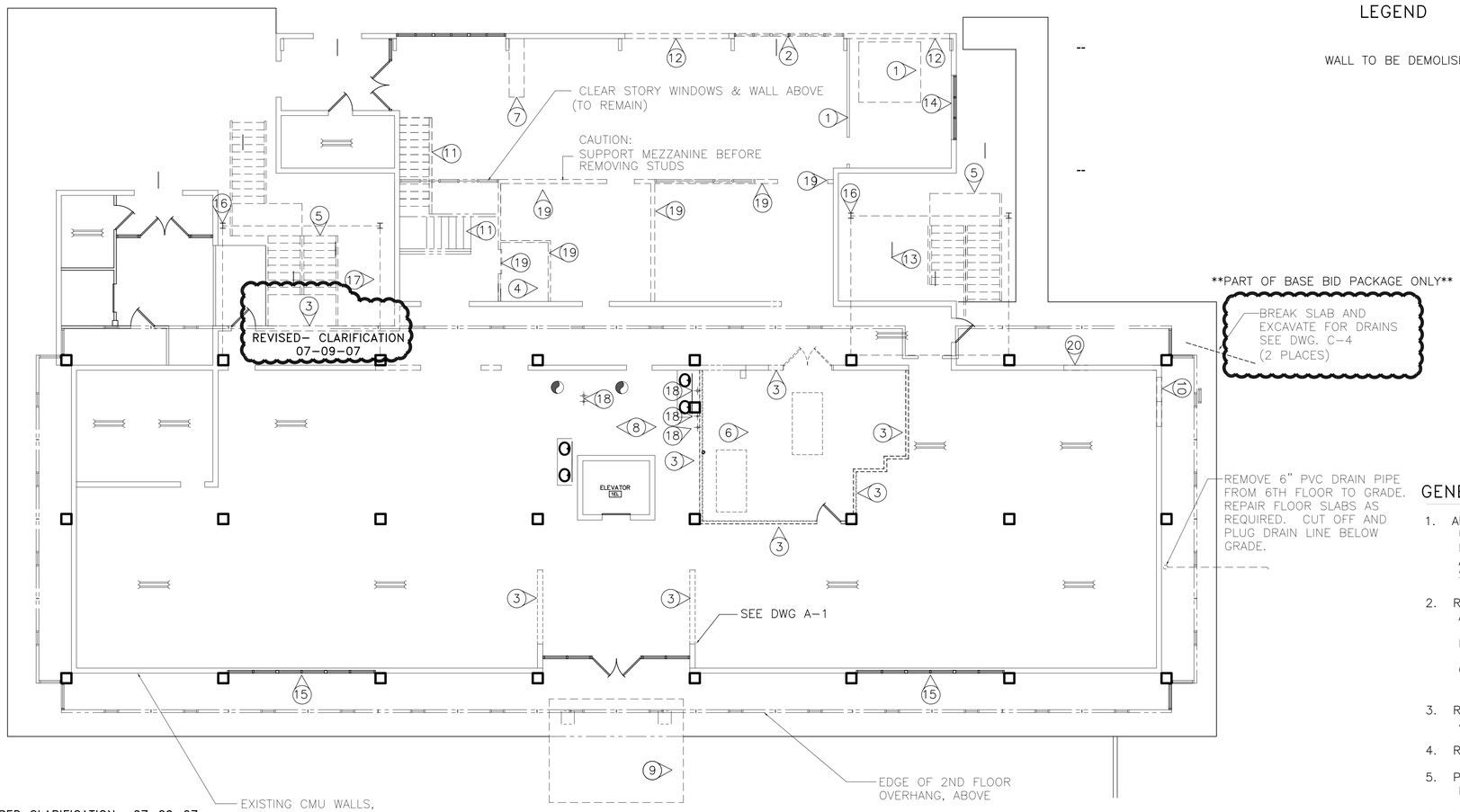
SCALE: 1"=20'

FILE:

JOB NO. 1729

DATE:1-8-07

SHEET L-1 OF



LEGEND

WALL TO BE DEMOLISHED — = = = = = = = = = = = = = = =

GENERAL NOTES – ALL FLOORS

1. ALL DEMOLITION SHALL BE PERFORMED WITH AN UNDERSTANDING OF THE NEW WORK TO BE ACCOMPLISHED IN THIS PROJECT, AS IT PERTAINS TO THE AREA OF DEMOLITION. REPORT ANY VARIANCES TO THE ABOVE TO THE ENGINEER PRIOR TO STARTING ANY WORK.
2. REMOVE ALL A/C SYSTEM COMPONENTS ON EACH FLOOR, INCLUDING:
   A. WATER COOLED DX UNITS. REMOVE SUPPLY & RETURN HOT & COOLING WATER PIPING, INCLUDING RISERS.
   B. DEMOLISH AIR HANDLER, COOLING & HEATING COILS, FRAME, DUCT WORK ETC. TO PREPARE FOR NEW SYSTEM.
   C. DEMOLISH ALL WIRING ASSOCIATED WITH COOLING SYSTEM. REMOVE THERMOSTATS & WIRING.
3. REMOVE SUSPENDED CEILINGS FROM ALL ROOMS & HALLWAYS & REMOVE EXISTING SUPPLY DUCT SYSTEM.
4. REMOVE ALL VINYL TILE & CARPET.
5. PROTECT ALL FLOOR & WALL SURFACES THAT ARE TO REMAIN FOR REFURBISHMENT.
6. THE CONTRACTOR SHALL PROVIDE ALL DEMOLITION REQUIRED TO PERFORM THE WORK SHOWN ON THE DESIGN DRAWINGS AS WELL AS WORK SHOWN ON DEMOLITION DRAWINGS.
7. CUTTING & PATCHING SHALL BE PERFORMED AS REQUIRED TO MEET THE NEEDS OF THE PROJECT, TO PROVIDE A COMPLETE & OPERABLE BUILDING. NO CUTTING OF STRUCTURAL SUPPORTS SHALL BE INITIATED WITHOUT PERMISSION OF THE ENGINEER.
8. DEMOLITION OF ALL EXTERIOR WALL PANELS & WINDOW SYSTEMS, 2ND THROUGH 6TH FLOOR, SHALL BE ACCOMPLISHED IN A PREDETERMINED ORDER (SCHEDULE) TO PROTECT BUILDING INTERIOR. EXTERIOR WALL PANELS CONTAIN NON-FRIABLE ASBESTOS AND MUST BE PROPERLY DISCARDED AT LANDFILL, OR AS OTHERWISE DIRECTED BY LA. DEPT. OF ENVIRONMENTAL PROTECTION. SEE SPECIFICATIONS FOR DETAILS. CONTRACTOR & ENGINEER SHALL WORK OUT SCHEDULE DETAILS OF REMOVING PRODUCT & TRANSPORTATION.
9. REMOVE EXISTING EXTERIOR STAIR TOWER SYSTEM. SEE NEW STAIR DESIGN.
10. PATCH HOLES IN FLOORS AS REQUIRED TO MAKE SAFE & PREPARE FOR NEW WORK.
11. REMOVE ANY GYPBOARD THAT SHOWS SIGNS OF WATER DAMAGE, REPAIR AS REQUIRED. REINSTALL GYP BOARD WALL.

= ADDENDUM 4 CHANGE

REVISED: 07-09-07ab
REVISED: 05-21-07ab

REVISED CLARIFICATION– 07–09–07

THE REVISED CLARIFICATION REFERENCED BY ADDENDUM 4 D–1.PDF INCORRECTLY DEPICTED ITS INTENT. THE WALL IN THE REVISION CLOUD IS THE WALL THAT IS TO BE REMOVED.

ADDENDUM 4 REVISED: 08/20/07ab

1ST FLOOR DEMOLITION PLAN

SCALE: 1/8"= 1'–0"

DEMOLITION NOTES 1ST FLOOR

SEE GENERAL NOTES FOR WORK APPLYING TO ALL FLOORS.

1. REMOVE EXISTING AUDIO TEST CHAMBER & WALL.
2. REMOVE WINDOW FOR NEW ACCESS TO LOBBY.
3. REMOVE WALLS, FLOOR TO CEILING TO BOTTOM OF 2ND FLOOR.
4. REMOVE ELEVATOR & ALL ELEVATOR EQUIPMENT (MAKE PIT SAFE UNTIL FILLED IN). RETURN ELEVATOR MOTOR & CONTROLS TO OWNER.
5. REMOVE STAIR TOWERS & PREPARE FOR NEW ENCLOSED STAIRWAYS. REMOVE COLUMNS & BEAMS, EXCEPT SEE STRUCTURAL STAIRWELL DRAWINGS FOR SECTIONS OF BEAMS TO BE LEFT AS CONNECTORS. SEE TREATMENT OF COLUMNS & BEAMS AT NORTHWEST STAIRWELL THAT SUPPORT THE ELEVATOR LOBBY.
6. REMOVE ALL EQUIPMENT: BOILER, WATER HEATER, PUMPS, AIR HANDLER & A/C D/X UNITS, ELECTRICAL PANELS, ETC. REMOVE ALL A/C SYSTEM COMPONENTS, DUCTWORK, REGISTERS, ETC. NOT PREVIOUSLY REMOVED. FROM BOILER ROOM, REMOVE ALL FLOOR COVERINGS.
7. REMOVE EXISTING BRICK PLANTER. REPAIR FLOOR AS REQUIRED.
8. SEE A–1 & P–1 FOR NEW WORK FOR TOILETS IN THIS AREA.
9. REMOVE EXISTING CANOPY & SUPPORT COLUMNS. REPAIR AREAS OF BUILDING AND OTHER SURFACES LEFT DAMAGED BY REMOVAL
10. PREPARE WALL FOR NEW EXTERIOR DOOR.
11. REMOVE INTERIOR STAIRWAY & INSTALL NEW WALL ACROSS BALCONY.
12. REMOVE WALL FOR NEW WINDOW.
13. REMOVE & RELOCATE INCOMING POWER SERVICE PER SCOPE OF WORK. REMOVE TELEPHONE, FIBER OPTIC DATA & TV CABLE TO 4TH FLOOR COMMUNICATIONS ROOM. RELOCATE THESE SERVICES TO NEW COMMUNICATIONS ROOM. REMOVE GAS METER, LINE, & CAP GAS LINE AT ENTRANCE TO PROPERTY. RETURN METER TO GAS COMPANY.
14. REMOVE EXISTING WINDOW.
15. REMOVE EXISTING WINDOWS.
16. REMOVE COLUMN & CUT BEAM AT EACH FLOOR AFTER INSTALLING INTERIOR COLUMN. SEE STRUCTURAL DRAWING S–2.
17. DEMOLISH EXISTING CONCRETE PAD UNDER NORTHWEST STAIR TOWER AS REQ'D. PREPARE AREA FOR NEW STAIR FOUNDATION
18. PROTECT EXISTING PIPING FOR FUTURE USE.
19. REMOVE BOTTOM WALL TO BOTTOM OF MEZZANINE. INSTALL NEW COLUMNS & BEAM PRIOR TO REMOVAL.
20. MAKE OPENING FOR PIPES FROM CHILLER– FRAME OPENING & SEAL

CONTRACT SET- 10/10/07

DEMOLITION FLOOR PLANS

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
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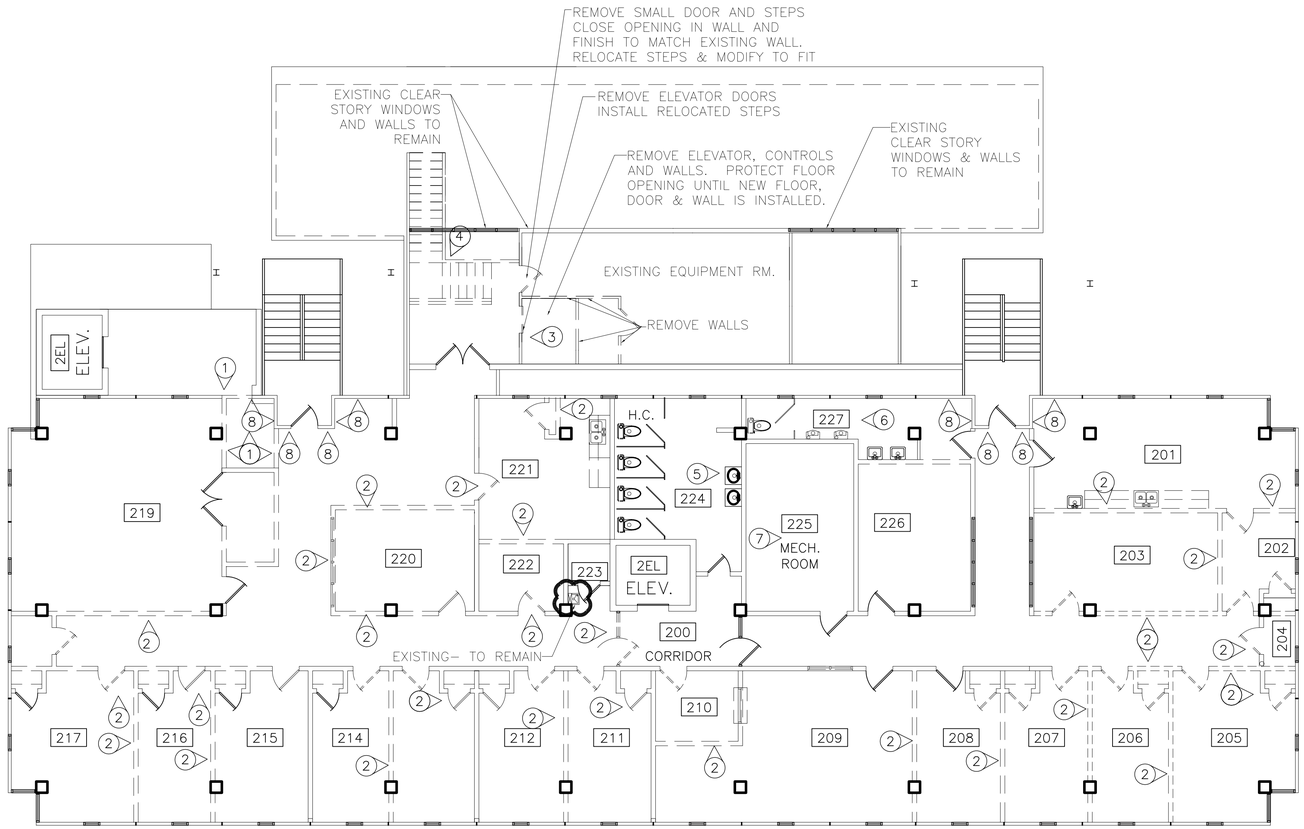

REMOVE ANY OBSTACLES TO
INSTALLING NEW FLOORING

2ND FLOOR
DEMOLITION PLAN
SCALE: 1/8"= 1'–0"

LEGEND

TO BE DEMOLISHED – – – – – – – –

GENERAL NOTES – ALL FLOORS

1. ALL DEMOLITION SHALL BE PERFORMED WITH AN UNDERSTANDING OF THE NEW WORK TO BE ACCOMPLISHED IN THIS PROJECT, AS IT PERTAINS TO THE AREA OF DEMOLITION. REPORT ANY VARIANCES TO THE ABOVE TO THE ENGINEER PRIOR TO STARTING ANY WORK.

2. REMOVE ALL A/C SYSTEM COMPONENTS ON EACH FLOOR, INCLUDING:
   A. WATER COOLED DX UNITS. REMOVE SYPPLY & RETURN HOT & COOLING WATER PIPING, INCLUDING RISERS.
   B. DEMOLISH AIR HANDLER, COOLING & HEATING COILS, FRAME, RETURN AIR PLENUM & REGISTER, ETC. TO PREPARE FOR NEW SYSTEM.
   C. DEMOLISH ALL WIRING ASSOCIATED WITH COOLING SYSTEM. REMOVE THERMOSTATS & WIRING.

3. REMOVE SUSPENDED CEILINGS FROM ALL ROOMS & HALLWAYS & REMOVE EXISTING SUPPLY DUCT SYSTEM.

4. REMOVE ALL VINYL TILE & CARPET.

5. PROTECT ALL FLOOR & WALL SURFACES THAT ARE TO REMAIN FOR REFURBISHMENT.

6. THE CONTRACTOR SHALL PROVIDE ALL DEMOLITION REQUIRED TO PERFORM THE WORK SHOWN ON THE DESIGN DRAWINGS AS WELL AS WORK SHOWN ON DEMOLITION DRAWINGS.

7. CUTTING & PATCHING SHALL BE PERFORMED AS REQUIRED TO MEET THE NEEDS OF THE PROJECT, TO PROVIDE A COMPLETE & OPERABLE BUILDING. NO CUTTING OF STRUCTURAL SUPPORTS SHALL BE INITIATED WITHOUT PERMISSION OF THE ENGINEER.

8. DEMOLITION OF ALL EXTERIOR WALL PANELS & WINDOW SYSTEMS, 2ND THROUGH 6TH FLOOR, SHALL BE ACCOMPLISHED IN A PREDETERMINED ORDER (SCHEDULE) TO PROTECT BUILDING INTERIOR. EXTERIOR WALL PANELS CONTAIN NON–FRIABLE ASBESTOS AND MUST BE DISCARDED AT LANDFILL, WRAPPED UP AND CONTAINING RECORDS SHOWING OWNERSHIP, ETC., OR AS OTHERWISE DIRECTED BY LA. DEPT. OF ENVIRONMENTAL PROTECTION. CONTACT LANDFILL FOR DIRECTIONS. CONTRACTOR & ENGINEER SHALL WORK OUT SCHEDULE DETAILS OF REMOVING PRODUCT & TRANSPORTATION.

9. REMOVE EXISTING STAIR TOWER SYSTEM. SEE NEW STAIR DESIGN.

10. PATCH HOLES IN FLOORS AS REQUIRED TO MAKE SAFE & PREPARE FOR NEW WORK.

DEMOLITION NOTES 2ND FLOOR

SEE GENERAL NOTES FOR WORK APPLYING TO ALL FLOORS.

1. REMOVE EXISTING WALLS FOR NEW ELEVATOR LOBBY & ANY OBSTACLES TO CONSTRUCTING A NEW FLOOR AS SHOWN ON DRAWING S–2.
2. REMOVE EXISTING WALLS, WINDOWS AND DOORS. COORDINATE W/ A DWGS.
3. REMOVE EXISTING WALLS & DOORS. REMOVE ELEVATOR DOOR AND CONTROLS & MAKE READY FOR NEW DOOR TO MECHANICAL/ ELECTRICAL EQUIPMENT ROOM. RETURN ELEVATOR EQUIPMENT TO OWNER.
4. REMOVE EXISTING STAIRS & PREPARE FOR INSTALLING NEW WALL ACROSS BALCONY.
5. REMOVE EXISTING LAVATORIES, UNUSABLE WATER CLOSETS & PARTITIONS. PROTECT PIPES FOR RENOVATION
6. REMOVE EXISTING LAVATORIES, URINALS, WATER CLOSETS AND PARTITIONS. REMOVE, PLUG & CAP WATER & DRAINS AS REQUIRED. REUSE WATER CLOSETS YJAT ARE IN VERY GOOD CONDITION.
7. REMOVE EXISTING HVAC EQUIPMENT.
8. REMOVE WALLS IN THESE AREAS FOR INSTALLATION OF 1 HR. FIREWALL.

= ADDENDUM 3 CHANGE

= ADDENDUM 3 REVISED: 08/20/07ab

CONTRACT SET- 10/10/07

DEMOLITION FLOOR PLANS

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985–649–5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

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FILE:

JOB NO. 1729

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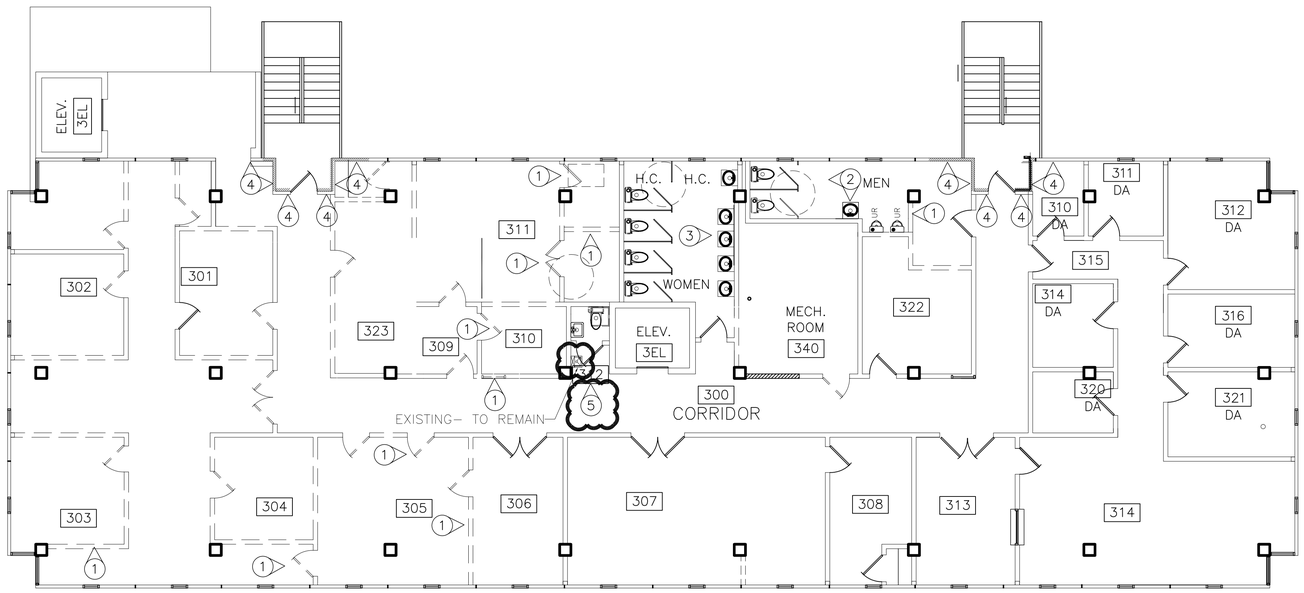

3RD FLOOR
DEMOLITION PLAN
SCALE: 1/8"= 1'–0"

DEMOLITION NOTES 3RD FLOOR

SEE GENERAL NOTES FOR WORK APPLYING TO ALL FLOORS.

1. REMOVE EXISTING WALLS, WINDOWS & DOORS.
2. REMOVE EXISTING LAVATORIES, URINALS, WATER CLOSETS & PARTITIONS. SEE PLUMBING DRAWINGS FOR HOOKUP DETAILS.
3. REMOVE ALL EXISTING LAVORTORIES. REMOVE ANY UNUSABLE WATER CLOSETS.
4. REMOVE WALLS IN THESE AREAS FOR INSTALLATION OF 1 HR. FIREWALL.
5. REMOVE EXISTING LAVATORY AND WATER CLOSET IN ROOM 312.

LEGEND

TO BE DEMOLISHED — — — — — — — —

GENERAL NOTES – ALL FLOORS

1. ALL DEMOLITION SHALL BE PERFORMED WITH AN UNDERSTANDING OF THE NEW WORK TO BE ACCOMPLISHED IN THIS PROJECT, AS IT PERTAINS TO THE AREA OF DEMOLITION. REPORT ANY VARIANCES TO THE ABOVE TO THE ENGINEER PRIOR TO STARTING ANY WORK.

2. REMOVE ALL A/C SYSTEM COMPONENTS ON EACH FLOOR, INCLUDING:
   A. WATER COOLED DX UNITS. REMOVE SYPPLY & RETURN HOT & COOLING WATER PIPING, INCLUDING RISERS.
   B. DEMOLISH AIR HANDLER, COOLING & HEATING COILS, FRAME, RETURN AIR PLENUM & REGISTER, ETC. TO PREPARE FOR NEW SYSTEM.
   C. DEMOLISH ALL WIRING ASSOCIATED WITH COOLING SYSTEM. REMOVE THERMOSTATS & WIRING.

3. REMOVE SUSPENDED CEILINGS FROM ALL ROOMS & HALLWAYS & REMOVE EXISTING SUPPLY DUCT SYSTEM.

4. REMOVE ALL VINYL TILE & CARPET.

5. PROTECT ALL FLOOR & WALL SURFACES THAT ARE TO REMAIN FOR REFURBISHMENT.

6. THE CONTRACTOR SHALL PROVIDE ALL DEMOLITION REQUIRED TO PERFORM THE WORK SHOWN ON THE DESIGN DRAWINGS AS WELL AS WORK SHOWN ON DEMOLITION DRAWINGS.

7. CUTTING & PATCHING SHALL BE PERFORMED AS REQUIRED TO MEET THE NEEDS OF THE PROJECT, TO PROVIDE A COMPLETE & OPERABLE BUILDING. NO CUTTING OF STRUCTURAL SUPPORTS SHALL BE INITIATED WITHOUT PERMISSION OF THE ENGINEER.

8. DEMOLITION OF ALL EXTERIOR WALL PANELS & WINDOW SYSTEMS, 2ND THROUGH 6TH FLOOR, SHALL BE ACCOMPLISHED IN A PREDETERMINED ORDER (SCHEDULE) TO PROTECT BUILDING INTERIOR. EXTERIOR WALL PANELS CONTAIN NON–FRIABLE ASBESTOS AND MUST BE DISCARDED AT LANDFILL, WRAPPED UP AND CONTAINING RECORDS SHOWING OWNERSHIP, ETC., OR AS OTHERWISE DIRECTED BY LA. DEPT. OF ENVIRONMENTAL PROTECTION. CONTACT LANDFILL FOR DIRECTIONS. CONTRACTOR & ENGINEER SHALL WORK OUT SCHEDULE DETAILS OF REMOVING PRODUCT & TRANSPORTATION.

9. REMOVE EXISTING STAIR TOWER SYSTEM. SEE NEW STAIR DESIGN.

10. PATCH HOLES IN FLOORS AS REQUIRED TO MAKE SAFE & PREPARE FOR NEW WORK.

= ADDENDUM 3 CHANGE

ADDENDUM 3 REVISED: 08/20/07ab
REVISED: 05/21/07ab

CONTRACT SET- 10/10/07

DEMOLITION FLOOR PLANS

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

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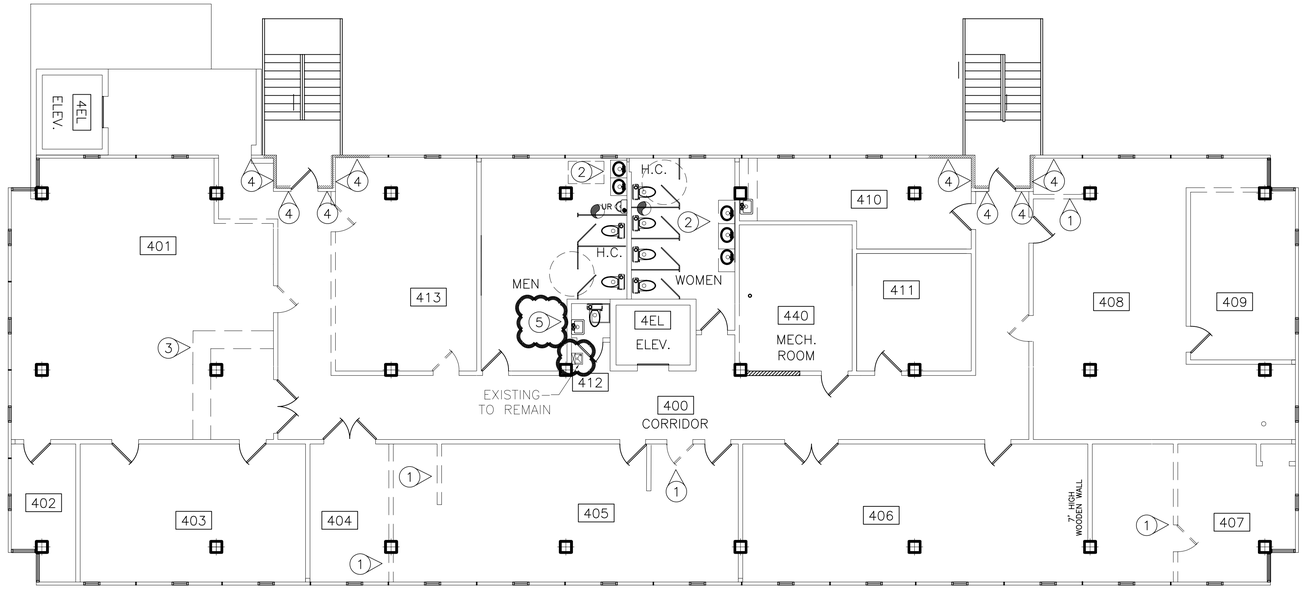

4TH FLOOR
DEMOLITION PLAN
SCALE: 1/8"= 1'-0"

LEGEND

TO BE DEMOLISHED — — — — — — — —

GENERAL NOTES – ALL FLOORS

1. ALL DEMOLITION SHALL BE PERFORMED WITH AN UNDERSTANDING OF THE NEW WORK TO BE ACCOMPLISHED IN THIS PROJECT, AS IT PERTAINS TO THE AREA OF DEMOLITION. REPORT ANY VARIANCES TO THE ABOVE TO THE ENGINEER PRIOR TO STARTING ANY WORK.

2. REMOVE ALL A/C SYSTEM COMPONENTS ON EACH FLOOR, INCLUDING:
   A. WATER COOLED DX UNITS. REMOVE SYPPLY & RETURN HOT & COOLING WATER PIPING, INCLUDING RISERS.
   B. DEMOLISH AIR HANDLER, COOLING & HEATING COILS, FRAME, RETURN AIR PLENUM & REGISTER, ETC. TO PREPARE FOR NEW SYSTEM.
   C. DEMOLISH ALL WIRING ASSOCIATED WITH COOLING SYSTEM. REMOVE THERMOSTATS & WIRING.

3. REMOVE SUSPENDED CEILINGS FROM ALL ROOMS & HALLWAYS & REMOVE EXISTING SUPPLY DUCT SYSTEM.

4. REMOVE ALL VINYL TILE & CARPET.

5. PROTECT ALL FLOOR & WALL SURFACES THAT ARE TO REMAIN FOR REFURBISHMENT.

6. THE CONTRACTOR SHALL PROVIDE ALL DEMOLITION REQUIRED TO PERFORM THE WORK SHOWN ON THE DESIGN DRAWINGS AS WELL AS WORK SHOWN ON DEMOLITION DRAWINGS.

7. CUTTING & PATCHING SHALL BE PERFORMED AS REQUIRED TO MEET THE NEEDS OF THE PROJECT, TO PROVIDE A COMPLETE & OPERABLE BUILDING. NO CUTTING OF STRUCTURAL SUPPORTS SHALL BE INITIATED WITHOUT PERMISSION OF THE ENGINEER.

8. DEMOLITION OF ALL EXTERIOR WALL PANELS & WINDOW SYSTEMS, 2ND THROUGH 6TH FLOOR, SHALL BE ACCOMPLISHED IN A PREDETERMINED ORDER (SCHEDULE) TO PROTECT BUILDING INTERIOR. EXTERIOR WALL PANELS CONTAIN NON-FRIABLE ASBESTOS AND MUST BE DISCARDED AT LANDFILL, WRAPPED UP AND CONTAINING RECORDS SHOWING OWNERSHIP, ETC., OR AS OTHERWISE DIRECTED BY LA. DEPT. OF ENVIRONMENTAL PROTECTION. CONTACT LANDFILL FOR DIRECTIONS. CONTRACTOR & ENGINEER SHALL WORK OUT SCHEDULE DETAILS OF REMOVING PRODUCT & TRANSPORTATION.

9. REMOVE EXISTING STAIR TOWER SYSTEM. SEE NEW STAIR DESIGN.

10. PATCH HOLES IN FLOORS AS REQUIRED TO MAKE SAFE & PREPARE FOR NEW WORK.

DEMOLITION NOTES 4TH FLOOR

SEE GENERAL NOTES FOR WORK APPLYING TO ALL FLOORS.

1. REMOVE EXISTING WALLS & DOORS.
2. REMOVE ALL EXISTING LAVATORIES; UNUSABLE WATER CLOSETS, URINALS & PARTITIONS. PROTECT PIPING FOR RENOVATIONS
3. REMOVE EXISTING COUNTER.
4. REMOVE WALLS IN THESE AREAS FOR INSTALLATION OF 1 HR. FIREWALL.
5. REMOVE EXISTING LAVATORY AND WATER CLOSET IN ROOM 412.

= ADDENDUM 3 CHANGE

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DEMOLITION FLOOR PLANS

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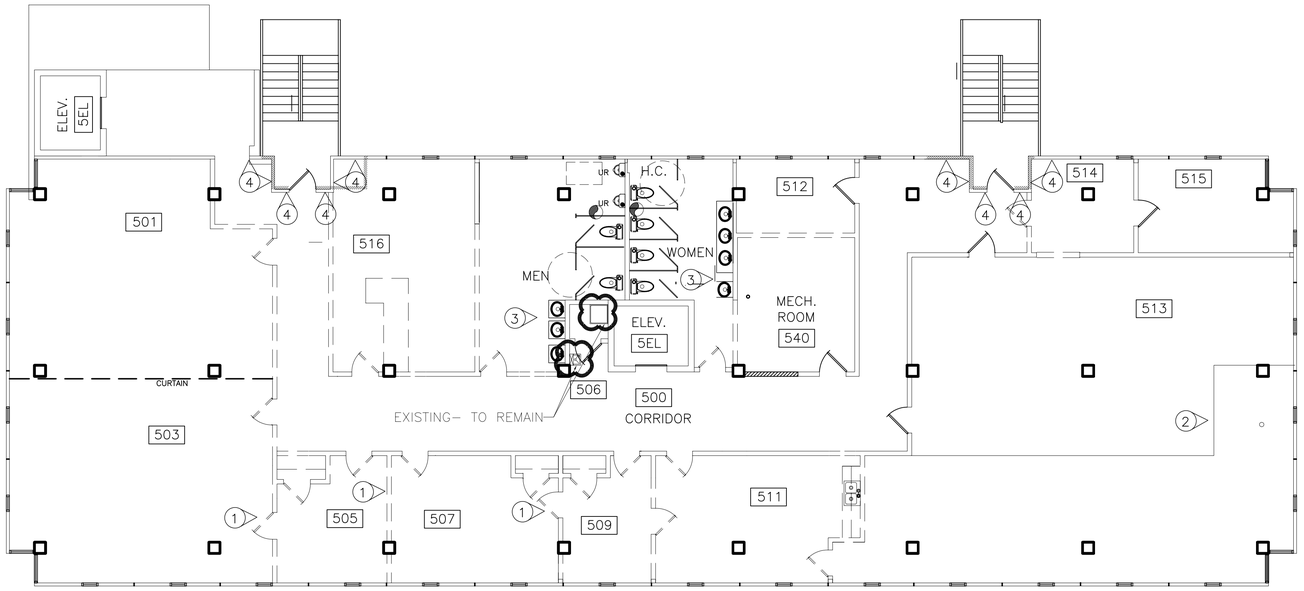

5TH FLOOR
DEMOLITION PLAN
SCALE: 1/8"= 1'–0"

LEGEND

TO BE DEMOLISHED – = = = =

GENERAL NOTES – ALL FLOORS

1. ALL DEMOLITION SHALL BE PERFORMED WITH AN UNDERSTANDING OF THE NEW WORK TO BE ACCOMPLISHED IN THIS PROJECT, AS IT PERTAINS TO THE AREA OF DEMOLITION. REPORT ANY VARIANCES TO THE ABOVE TO THE ENGINEER PRIOR TO STARTING ANY WORK.

2. REMOVE ALL A/C SYSTEM COMPONENTS ON EACH FLOOR, INCLUDING:
   A. WATER COOLED DX UNITS. REMOVE SYPPLY & RETURN HOT & COOLING WATER PIPING, INCLUDING RISERS.
   B. DEMOLISH AIR HANDLER, COOLING & HEATING COILS, FRAME, RETURN AIR PLENUM & REGISTER, ETC. TO PREPARE FOR NEW SYSTEM.
   C. DEMOLISH ALL WIRING ASSOCIATED WITH COOLING SYSTEM. REMOVE THERMOSTATS & WIRING.

3. REMOVE SUSPENDED CEILINGS FROM ALL ROOMS & HALLWAYS & REMOVE EXISTING SUPPLY DUCT SYSTEM.

4. REMOVE ALL VINYL TILE & CARPET.

5. PROTECT ALL FLOOR & WALL SURFACES THAT ARE TO REMAIN FOR REFURBISHMENT.

6. THE CONTRACTOR SHALL PROVIDE ALL DEMOLITION REQUIRED TO PERFORM THE WORK SHOWN ON THE DESIGN DRAWINGS AS WELL AS WORK SHOWN ON DEMOLITION DRAWINGS.

7. CUTTING & PATCHING SHALL BE PERFORMED AS REQUIRED TO MEET THE NEEDS OF THE PROJECT, TO PROVIDE A COMPLETE & OPERABLE BUILDING. NO CUTTING OF STRUCTURAL SUPPORTS SHALL BE INITIATED WITHOUT PERMISSION OF THE ENGINEER.

8. DEMOLITION OF ALL EXTERIOR WALL PANELS & WINDOW SYSTEMS, 2ND THROUGH 6TH FLOOR, SHALL BE ACCOMPLISHED IN A PREDETERMINED ORDER (SCHEDULE) TO PROTECT BUILDING INTERIOR. EXTERIOR WALL PANELS CONTAIN NON–FRIABLE ASBESTOS AND MUST BE DISCARDED AT LANDFILL, WRAPPED UP AND CONTAINING RECORDS SHOWING OWNERSHIP, ETC., OR AS OTHERWISE DIRECTED BY LA. DEPT. OF ENVIRONMENTAL PROTECTION. CONTACT LANDFILL FOR DIRECTIONS. CONTRACTOR & ENGINEER SHALL WORK OUT SCHEDULE DETAILS OF REMOVING PRODUCT & TRANSPORTATION.

9. REMOVE EXISTING STAIR TOWER SYSTEM. SEE NEW STAIR DESIGN.

10. PATCH HOLES IN FLOORS AS REQUIRED TO MAKE SAFE & PREPARE FOR NEW WORK.

DEMOLITION NOTES 5TH FLOOR

SEE GENERAL NOTES FOR WORK APPLYING TO ALL FLOORS.

(1.) REMOVE EXISTING WALLS & DOORS.

(2.) REMOVE EXISTING COUNCIL TABLE, RAIL & RAISED FLOOR.

(3.) REMOVE ALL EXISTING LAVATORIES; UNUSABLE WATER CLOSETS, URINALS & PARTITIONS. PROTECT PIPING FOR RENOVATIONS

(4.) REMOVE WALLS IN THESE AREAS FOR INSTALLATION OF 1 HR. FIREWALL.

= ADDENDUM 4 CHANGE

ADDENDUM 4 REVISED: 08/20/07ab
REVISED: 05/21/07ab
REVISED: 02/19/07

CONTRACT SET- 10/10/07

DEMOLITION FLOOR PLANS

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985–649–5832 SLIDELL, LA. 70458
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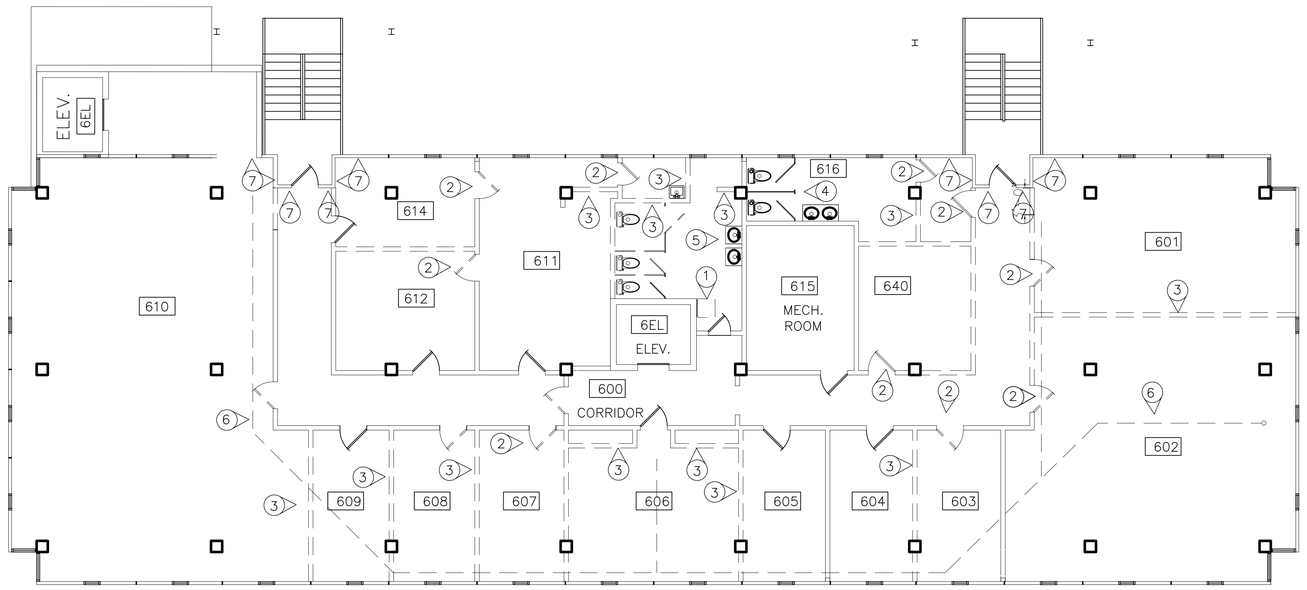

6TH FLOOR
DEMOLITION PLAN
SCALE: 1/8"= 1'-0"

LEGEND

TO BE DEMOLISHED – ——— ———

GENERAL NOTES – ALL FLOORS

1. ALL DEMOLITION SHALL BE PERFORMED WITH AN UNDERSTANDING OF THE NEW WORK TO BE ACCOMPLISHED IN THIS PROJECT, AS IT PERTAINS TO THE AREA OF DEMOLITION. REPORT ANY VARIANCES TO THE ABOVE TO THE ENGINEER PRIOR TO STARTING ANY WORK.

2. REMOVE ALL A/C SYSTEM COMPONENTS ON EACH FLOOR, INCLUDING:
   A. WATER COOLED DX UNITS. REMOVE SYPPLY & RETURN HOT & COOLING WATER PIPING, INCLUDING RISERS.
   B. DEMOLISH AIR HANDLER, COOLING & HEATING COILS, FRAME, RETURN AIR PLENUM & REGISTER, ETC. TO PREPARE FOR NEW SYSTEM.
   C. DEMOLISH ALL WIRING ASSOCIATED WITH COOLING SYSTEM. REMOVE THERMOSTATS & WIRING.

3. REMOVE SUSPENDED CEILINGS FROM ALL ROOMS & HALLWAYS & REMOVE EXISTING SUPPLY DUCT SYSTEM.

4. REMOVE ALL VINYL TILE & CARPET.

5. PROTECT ALL FLOOR & WALL SURFACES THAT ARE TO REMAIN FOR REFURBISHMENT.

6. THE CONTRACTOR SHALL PROVIDE ALL DEMOLITION REQUIRED TO PERFORM THE WORK SHOWN ON THE DESIGN DRAWINGS AS WELL AS WORK SHOWN ON DEMOLITION DRAWINGS.

7. CUTTING & PATCHING SHALL BE PERFORMED AS REQUIRED TO MEET THE NEEDS OF THE PROJECT, TO PROVIDE A COMPLETE & OPERABLE BUILDING. NO CUTTING OF STRUCTURAL SUPPORTS SHALL BE INITIATED WITHOUT PERMISSION OF THE ENGINEER.

8. DEMOLITION OF ALL EXTERIOR WALL PANELS & WINDOW SYSTEMS, 2ND THROUGH 6TH FLOOR, SHALL BE ACCOMPLISHED IN A PREDETERMINED ORDER (SCHEDULE) TO PROTECT BUILDING INTERIOR. EXTERIOR WALL PANELS CONTAIN NON-FRIABLE ASBESTOS AND MUST BE DISCARDED AT LANDFILL, WRAPPED UP AND CONTAINING RECORDS SHOWING OWNERSHIP, ETC., OR AS OTHERWISE DIRECTED BY LA. DEPT. OF ENVIRONMENTAL PROTECTION. CONTACT LANDFILL FOR DIRECTIONS. CONTRACTOR & ENGINEER SHALL WORK OUT SCHEDULE DETAILS OF REMOVING PRODUCT & TRANSPORTATION.

9. REMOVE EXISTING STAIR TOWER SYSTEM. SEE NEW STAIR DESIGN.

10. PATCH HOLES IN FLOORS AS REQUIRED TO MAKE SAFE & PREPARE FOR NEW WORK.

DEMOLITION NOTES 6TH FLOOR

SEE GENERAL NOTES FOR WORK APPLYING TO ALL FLOORS.

1. REMOVE EXISTING LADDER TO ELEVATOR PENTHOUSE FROM WOMENS TOILET. (NOTE THAT THIS CAN ONLY BE ACCOMPLISHED AFTER STAIRWELL TO ROOF IS COMPLETED.)
2. REMOVE EXISTING DOORS.
3. REMOVE EXISTING WALLS.
4. REMOVE EXISTING WATER CLOSETS, URINALS, PARTITIONS & LAVATORIES. REMOVE, PLUG & CAP EXISTING WATER LINES, DRAINS & SEWER FITTINGS.
5. REMOVE ALL EXISTING LAVATORIES FOR REPLACEMENT. REMOVE UN-USABLE WATER CLOSETS & PARTITIONS. PROTECT PIPE FOR RENOVATION
6. SEE ROOF DEMOLITION PLAN FOR WORK TO REMOVE AND RELOCATE THE ROOF DRAIN LINES BELOW ROOF SLAB.
7. REMOVE WALLS IN THESE AREAS FOR INSTALLATION OF 1 HR. FIREWALL.

REVISED: 05/21/07ab

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DEMOLITION FLOOR PLANS

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
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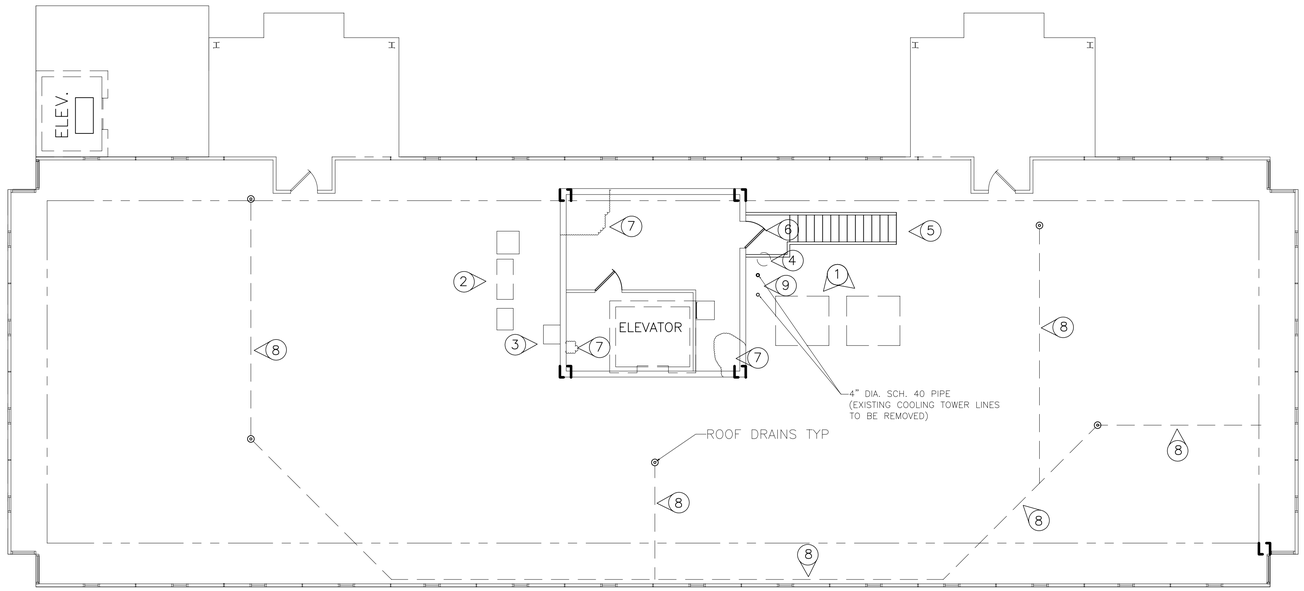

ROOF DEMOLITION PLAN
SCALE: 1/8"= 1'-0"

LEGEND

TO BE DEMOLISHED –

GENERAL NOTES – ALL FLOORS

1. ALL DEMOLITION SHALL BE PERFORMED WITH AN UNDERSTANDING OF THE NEW WORK TO BE ACCOMPLISHED IN THIS PROJECT, AS IT PERTAINS TO THE AREA OF DEMOLITION. REPORT ANY VARIANCES TO THE ABOVE TO THE ENGINEER PRIOR TO STARTING ANY WORK.

2. REMOVE ALL A/C SYSTEM COMPONENTS ON EACH FLOOR, INCLUDING:
   A. WATER COOLED DX UNITS. REMOVE SYPPLY & RETURN HOT & COOLING WATER PIPING, INCLUDING RISERS.
   B. DEMOLISH AIR HANDLER, COOLING & HEATING COILS, FRAME, RETURN AIR PLENUM & REGISTER, ETC. TO PREPARE FOR NEW SYSTEM.
   C. DEMOLISH ALL WIRING ASSOCIATED WITH COOLING SYSTEM. REMOVE THERMOSTATS & WIRING.

3. REMOVE SUSPENDED CEILINGS FROM ALL ROOMS & HALLWAYS & REMOVE EXISTING SUPPLY DUCT SYSTEM.

4. REMOVE ALL VINYL TILE & CARPET.

5. PROTECT ALL FLOOR & WALL SURFACES THAT ARE TO REMAIN FOR REFURBISHMENT.

6. THE CONTRACTOR SHALL PROVIDE ALL DEMOLITION REQUIRED TO PERFORM THE WORK SHOWN ON THE DESIGN DRAWINGS AS WELL AS WORK SHOWN ON DEMOLITION DRAWINGS.

7. CUTTING & PATCHING SHALL BE PERFORMED AS REQUIRED TO MEET THE NEEDS OF THE PROJECT, TO PROVIDE A COMPLETE & OPERABLE BUILDING. NO CUTTING OF STRUCTURAL SUPPORTS SHALL BE INITIATED WITHOUT PERMISSION OF THE ENGINEER.

8. DEMOLITION OF ALL EXTERIOR WALL PANELS & WINDOW SYSTEMS, 2ND THROUGH 6TH FLOOR, SHALL BE ACCOMPLISHED IN A PREDETERMINED ORDER (SCHEDULE) TO PROTECT BUILDING INTERIOR. EXTERIOR WALL PANELS CONTAIN NON–FRIABLE ASBESTOS AND MUST BE DISCARDED AT LANDFILL, WRAPPED UP AND CONTAINING RECORDS SHOWING OWNERSHIP, ETC., OR AS OTHERWISE DIRECTED BY LA. DEPT. OF ENVIRONMENTAL PROTECTION. CONTACT LANDFILL FOR DIRECTIONS. CONTRACTOR & ENGINEER SHALL WORK OUT SCHEDULE DETAILS OF REMOVING PRODUCT & TRANSPORTATION.

9. REMOVE EXISTING STAIR TOWER SYSTEM. SEE NEW STAIR DESIGN.

10. PATCH HOLES IN FLOORS AS REQUIRED TO MAKE SAFE & PREPARE FOR NEW WORK.

DEMOLITION NOTES ROOF

SEE GENERAL NOTES FOR WORK APPLYING TO ALL FLOORS.

1. REMOVE EXISTING COOLING TOWERS, PIPING AND ELECTRICAL COMPONENTS. RETURN COOLING TOWERS TO OWNER.
2. OWNER TO REMOVE RADIO EQUIPMENT, BOX, PLATFORM, ETC.
3. OWNER TO REMOVE RADIO TOWER & ALL WIRING, PLATES, ANCHORS, ETC.
4. REMOVE FLUE COVER. REMOVE FLUE PIPE DOWN TO FIRST FLOOR. FLUE OPENINGS (ALL FLOORS) WILL BE USED FOR PIPE CHASE & WILL REQUIRE SEALING AT EACH FLOOR AFTER INSTALLATION OF NEW PIPE.
5. REMOVE WOODEN STAIRWAY TO ELEVATOR PENTHOUSE.
6. REMOVE EXISTING DOOR AND FRAME.
7. PREPARE & PATCH VOID AND SCARRED AREAS SHOWN BY CLOUDS.
8. REMOVE ROOF DRAINS & PLUG OPENINGS IN ROOF. AFTER NEW ROOF INSTALLED.
9. REMOVE 4"ø SCH. 40 COOLING TOWER LINES.

REVISED: 05/21/07ab
REVISED: 05/02/07ab
REVISED: 03/07/07ab

CONTRACT SET- 10/10/07

DEMOLITION ROOF PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING, INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

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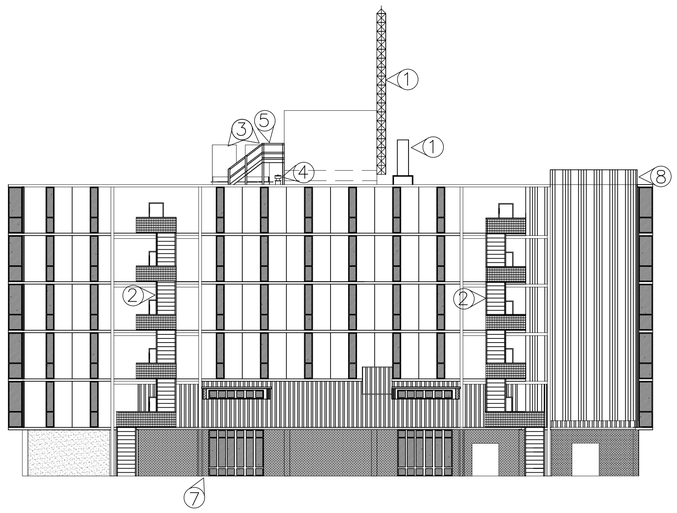
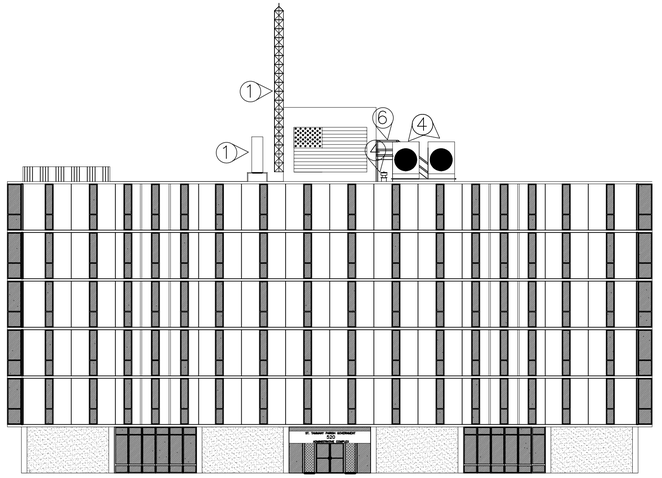


NORTH SIDE
DEMOLITION PLAN
SCALE: 1/16"= 1'-0"

DEMOLITION NOTES EXTERIOR

SEE GENERAL NOTES FOR WORK APPLYING TO ALL FLOORS.

1. OWNER TO REMOVE TOTAL COMMUNICATIONS SYSTEM, ANTENNAS, BOXES MOUNTING BRACKETS, ETC. CONTRACTOR PATCH ALL OPENINGS.
2. REMOVE EXTERIOR STAIRS & MAKE READY FOR NEW STAIR TOWERS. SEE DESIGN DRAWINGS OF NEW STAIRS & COORDINATE SUCH THAT ONE STAIRWAY IS ALWAYS USABLE DURING CONSTRUCTION.
3. REMOVE WATER COOLING TOWERS, DRAIN LINES, ETC. & RETURN TO OWNER. REMOVE ROOF DRAINS. PREPARE ROOF FOR PATCHING. PATCH VOID AREAS SHOWN ON DWG. D-7.
4. EXISTING FLUE FOR HOT WATER BOILER: REMOVE FLUE CAP & FLUE PIPE TO FIRST FLOOR. THIS OPENING WILL BE USED TO RUN NEW A/C FRESH AIR TO EACH FLOOR. OPENINGS AT EACH FLOOR SHALL BE SEALED AFTER COMPLETION OF PIPE INSTALLATION.
5. REMOVE EXISTING STAIRS FROM PENTHOUSE AND PREPARE AREA FOR NEW STEEL STAIRCASE.
6. REMOVE EXISTING DOOR & FRAME.
7. REMOVE WALL & WINDOWS AS REQUIRED FOR NEW STOREFRONT ENTRANCE.
8. REMOVE TORN ELEVATOR SHAFT SIDING AND REPLACE IN KIND.
9. REMOVE EXISTING WINDOW.



SOUTH SIDE
DEMOLITION PLAN
SCALE: 1/16"= 1'-0"

GENERAL NOTES – ALL FLOORS

1. ALL DEMOLITION SHALL BE PERFORMED WITH AN UNDERSTANDING OF THE NEW WORK TO BE ACCOMPLISHED IN THIS PROJECT, AS IT PERTAINS TO THE AREA OF DEMOLITION. REPORT ANY VARIANCES TO THE ABOVE TO THE ENGINEER PRIOR TO STARTING ANY WORK.
2. REMOVE ALL A/C SYSTEM COMPONENTS ON EACH FLOOR, INCLUDING:
   A. WATER COOLED DX UNITS. REMOVE SYPPLY & RETURN HOT & COOLING WATER PIPING, INCLUDING RISERS.
   B. DEMOLISH AIR HANDLER, COOLING & HEATING COILS, FRAME, RETURN AIR PLENUM & REGISTER, ETC. TO PREPARE FOR NEW SYSTEM.
   C. DEMOLISH ALL WIRING ASSOCIATED WITH COOLING SYSTEM. REMOVE THERMOSTATS & WIRING.
3. REMOVE SUSPENDED CEILINGS FROM ALL ROOMS & HALLWAYS & REMOVE EXISTING SUPPLY DUCT SYSTEM.
4. REMOVE ALL VINYL TILE & CARPET.
5. PROTECT ALL FLOOR & WALL SURFACES THAT ARE TO REMAIN FOR REFURBISHMENT.
6. THE CONTRACTOR SHALL PROVIDE ALL DEMOLITION REQUIRED TO PERFORM THE WORK SHOWN ON THE DESIGN DRAWINGS AS WELL AS WORK SHOWN ON DEMOLITION DRAWINGS.
7. CUTTING & PATCHING SHALL BE PERFORMED AS REQUIRED TO MEET THE NEEDS OF THE PROJECT, TO PROVIDE A COMPLETE & OPERABLE BUILDING. NO CUTTING OF STRUCTURAL SUPPORTS SHALL BE INITIATED WITHOUT PERMISSION OF THE ENGINEER.
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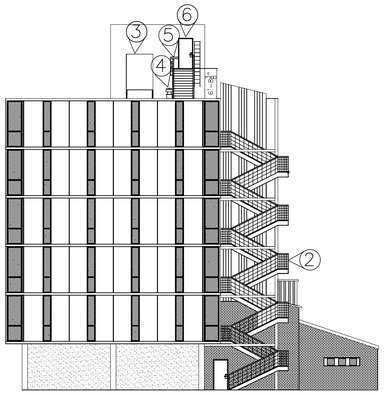
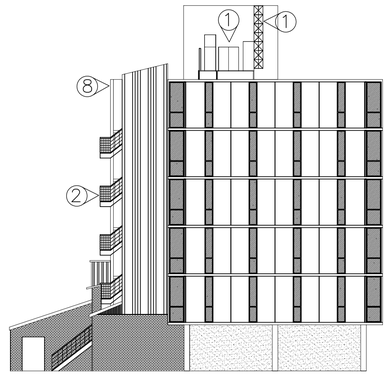
9. REMOVE EXISTING STAIR TOWER SYSTEM. SEE NEW STAIR DESIGN.
10. PATCH HOLES IN FLOORS AS REQUIRED TO MAKE SAFE & PREPARE FOR NEW WORK.



EAST SIDE
DEMOLITION PLAN
SCALE: 1/16"= 1'-0"



WEST SIDE
DEMOLITION PLAN
SCALE: 1/16"= 1'-0"

REVISED: 05/21/07ab

CONTRACT SET- 10/10/07

ELEVATIONS DEMOLITION

ST. TAMMANY PARISH OFFICE BUILDING
OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
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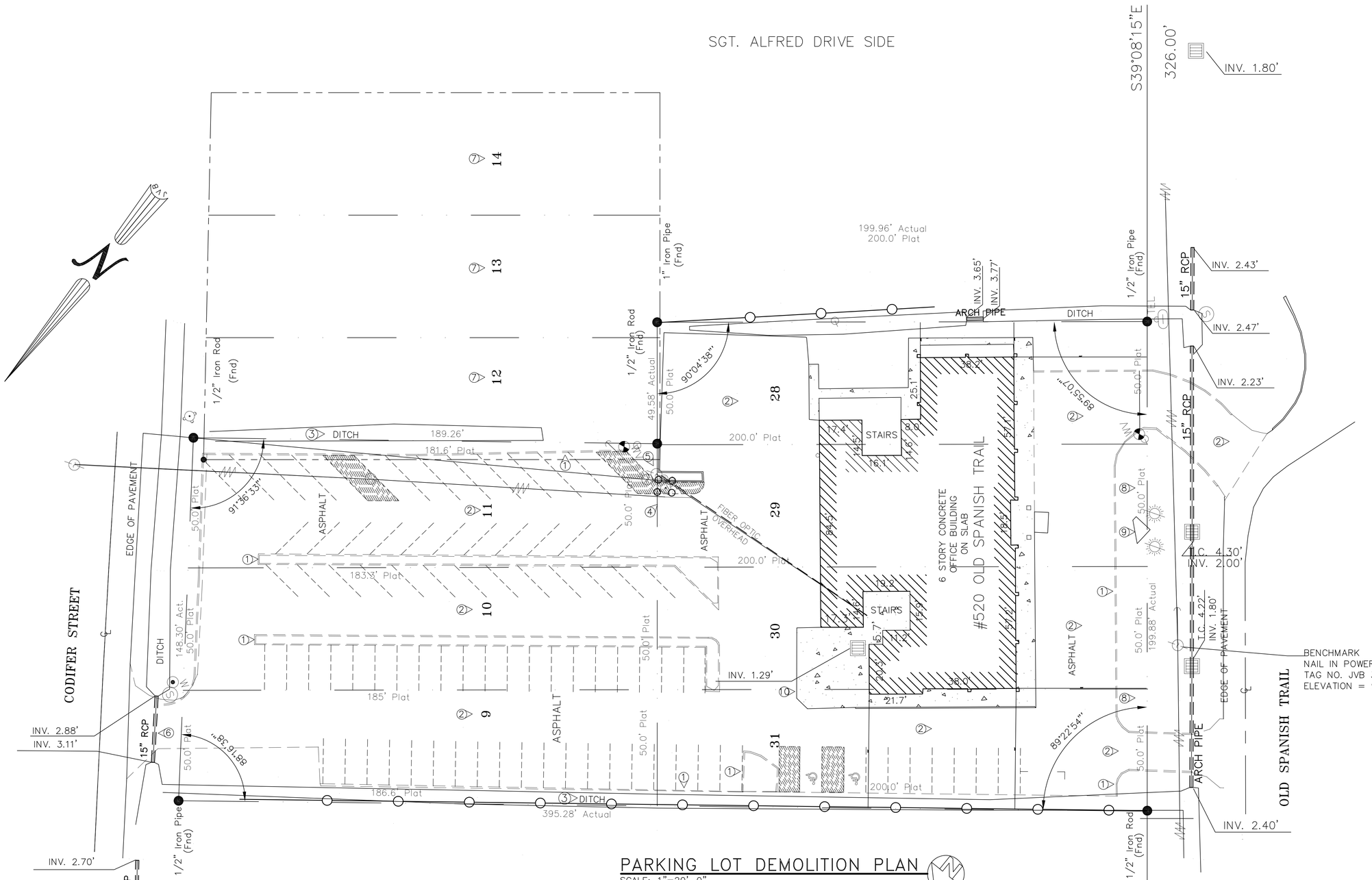

PARKING LOT DEMOLITION PLAN

SCALE: 1"=20'-0"

DEMOLITION NOTES– PARKING LOT

1. REMOVE EXISTING CONCRETE CURBS AND PLANTER AREAS.
2. REMOVE ALL ASPHALT IN PARKING LOT.
3. PREPARE DITCHES FOR FILL AND INSTALLATION OF NEW CULVERT PIPES. REMOVE LEANING TREES AND CLEAN OUT VEGETATION.
4. REMOVE EXISTING POWER POLE.
5. PREPARE EXISTING FIBER OPTIC POLE FOR MOVE.
6. REMOVE EXISTING 15" RCP.
7. REMOVE TREES, UNDERBRUSH & TOPSOIL. PREPARE FOR CONSTRUCTION OF NEW PARKING LOT.
8. REMOVE TREES AND GRASS. PREPARE AREA FOR REPLANTING.
9. REMOVE EXISTING MONUMENT.
10. DEMO EXISTING CONCRETE PAD. SEE DWG. C-3 FOR DETAILS

NOTE:

SEE DWG. C-3 FOR NEW SITE PLAN LAYOUT.
SEE DWG. C-4 FOR NEW PAVING AND DRAINAGE PLAN.
SEE DWG. L-1 FOR NEW LANDSCAPING PLAN.

PARKING LOT DEMO PLAN

ST. TAMMANY PARISH OFFICE BUILDING
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE PRIVATE OFFICE BUILDING

DAMMON ENGINEERING, INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE: 1"=20'
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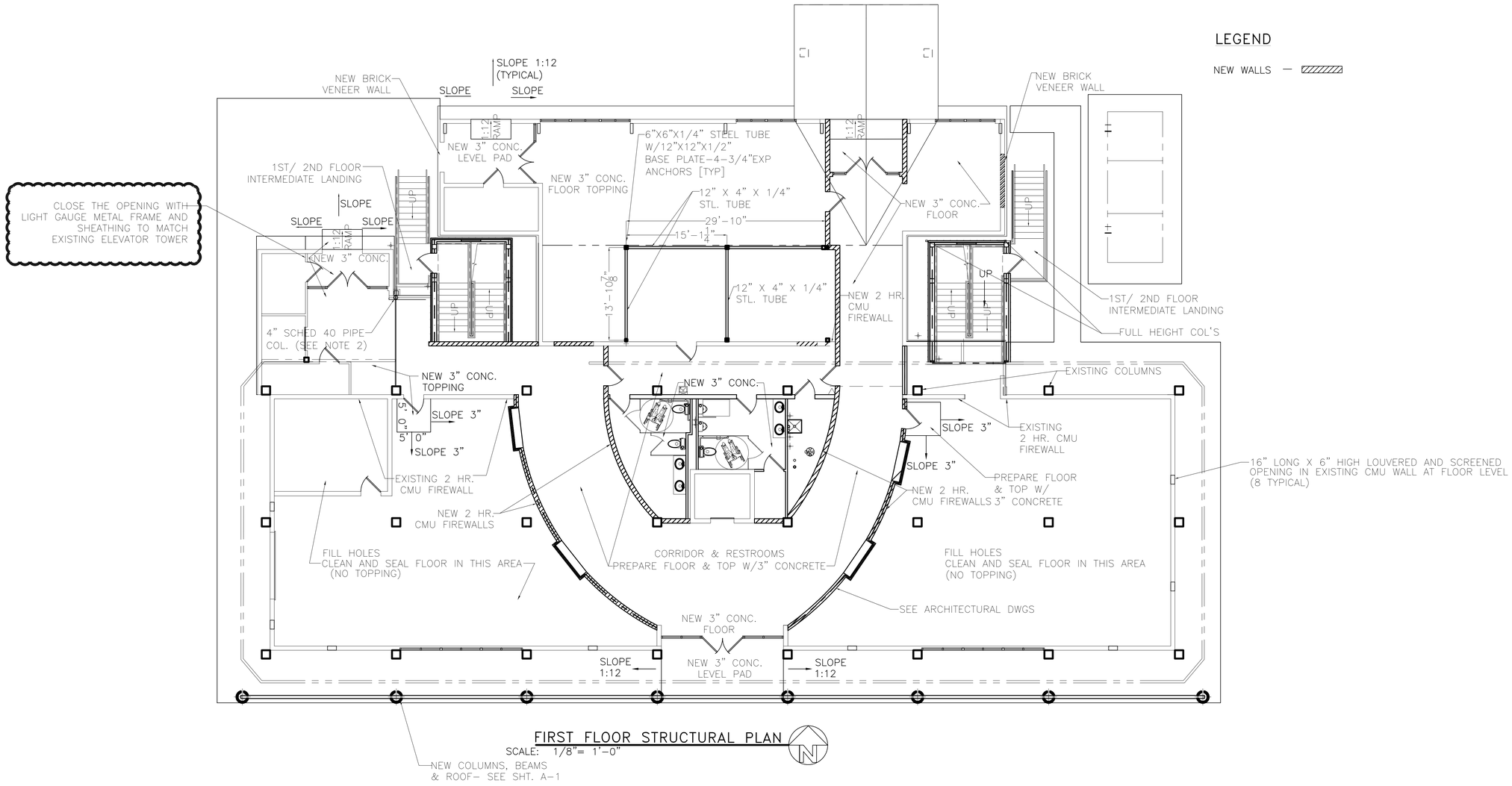
CONTRACT SET- 10/10/07



FIRST FLOOR STRUCTURAL PLAN

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

NOTES:

1. ELEVATOR CONTRACTOR SHALL RELOCATE 1ST FLOOR STOPS TO ACCOUNT FOR RAISING FLOOR 3".
2. INSTALL 4" SCHEDULE 40 PIPE COLUMN W/ 6" X 8" X $\frac{1}{4}$" PLATE T & B @ FLOORS 1 THRU 6 TO SUPPORT EXISTING HORIZONTAL WF BEAM PRESENTLY ATTACHED TO VERTICAL COLUMN AT EXTERIOR OF WALL. WELD NEW COLUMN TO BOTTOM OF EXISTING BEAM ABOVE. REMOVE EXTERIOR COLUMN, TRIM BEAM TO WALL AND ADD NEW SIDING TO MATCH. PATCH INTERIOR WALL (4 LAYERS OF $\frac{5}{8}$" GYPSUM W/ GYP. BOARD).
3. ALL MISC. STEEL SHALL BE ASTM A36.

= ADDENDUM 7 CHANGE

ADDENDUM 7 REVISED: 08/20/07ab
REVISED: 05/21/07
REVISED: 03/07/07

CONTRACT SET- 10/10/07

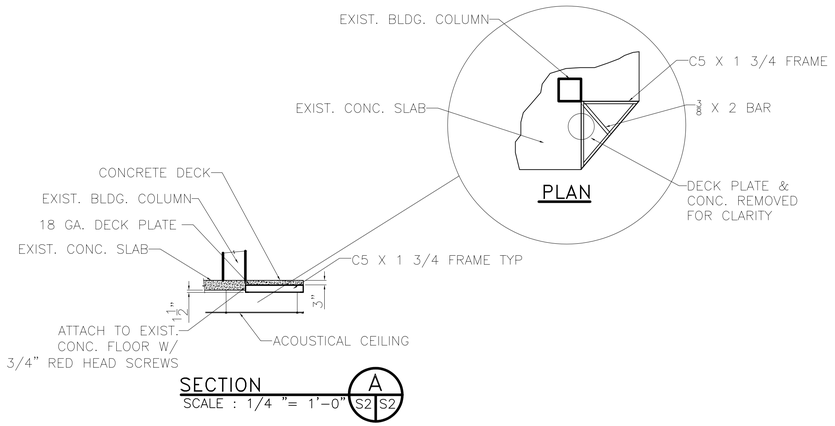
1ST FLOOR STRUCTURAL PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE:AS NOTED
FILE:
JOB NO. 1729
DATE:1-8-07
SHEET S-1
OF

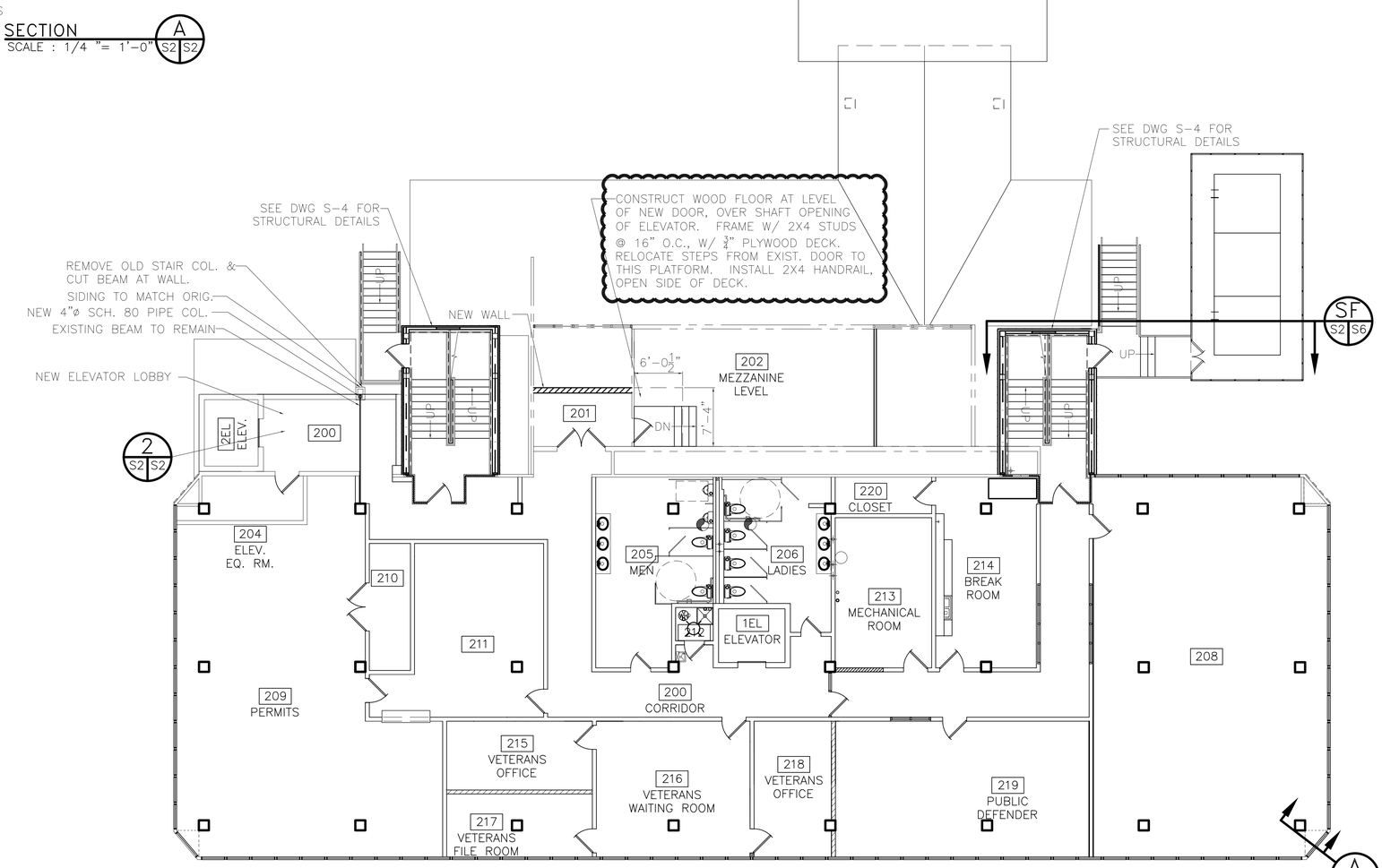


NOTES:

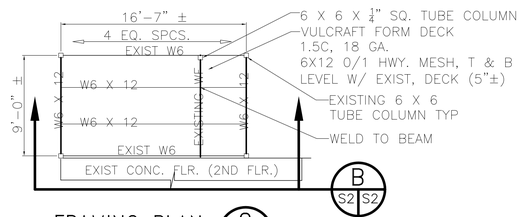
LEGEND

NEW WALL

NEW WALL 1 HOUR

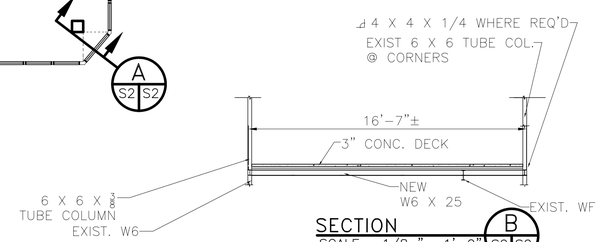


SECOND FLOOR STRUCTURAL PLAN
SCALE: 1/8"= 1'-0"



FRAMING PLAN
SCALE : 1/8 "= 1'-0"
2
S2 S2

= ADDENDUM 2 CHANGE



SECTION
SCALE : 1/8 "= 1'-0"
B
S2 S2

ALL NEW STEEL SHALL BE ASTM A36.

ADDENDUM 2 REVISED: 08/20/07ab
REVISED: 05/21/07ab
REVISED: 03/07/07ab

CONTRACT SET- 10/10/07

2ND FLOOR STRUCTURAL PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING, INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

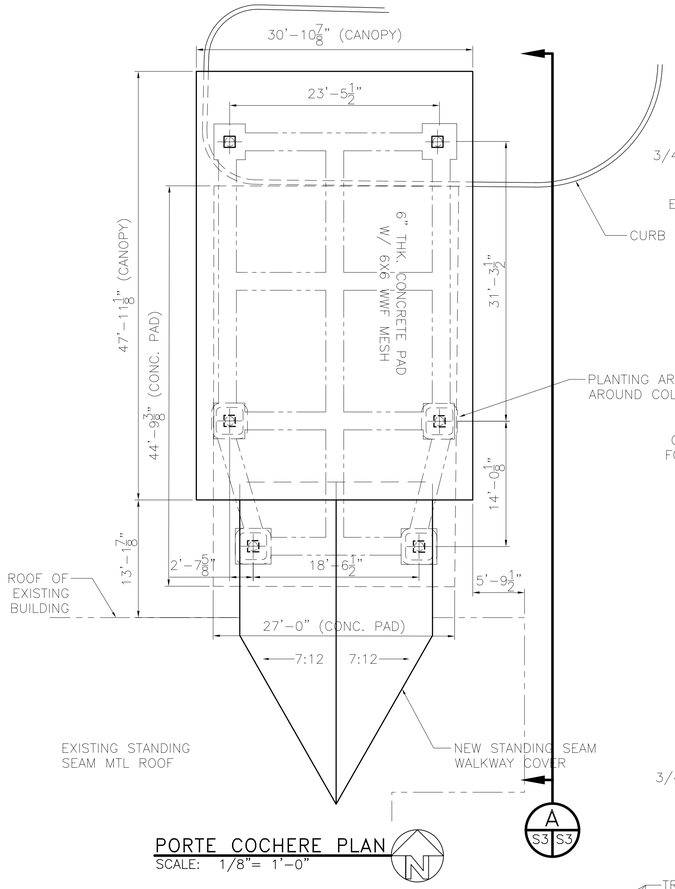
SCALE:AS NOTED

FILE:

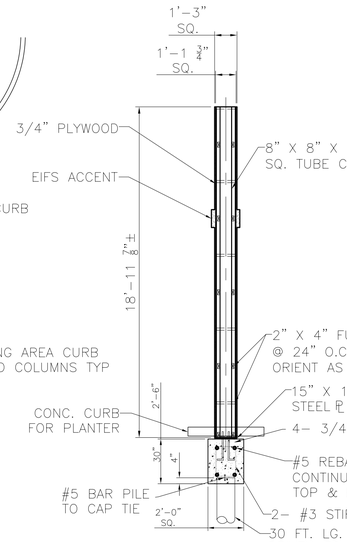
JOB NO. 1729

DATE:1-8-07

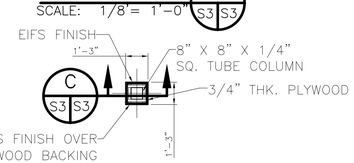
SHEET
S-2
OF



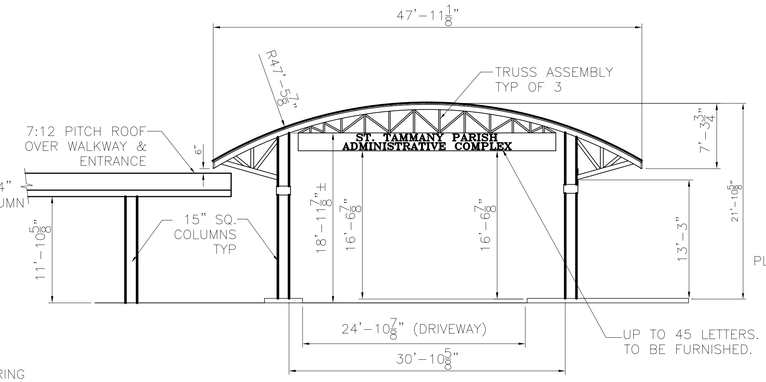
PORTE COCHERE PLAN
SCALE: 1/8"= 1'-0"



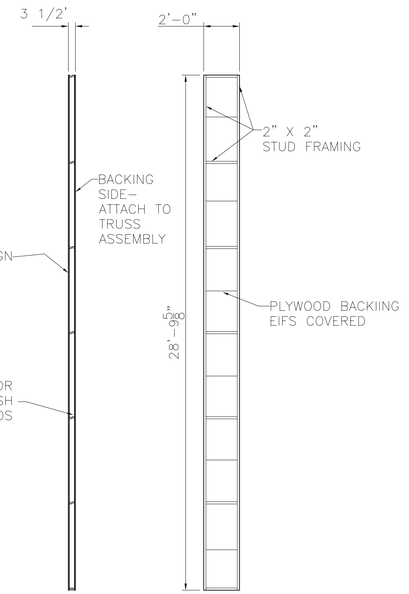
SECTION
SCALE: 1/8"= 1'-0"
C
S3 S3



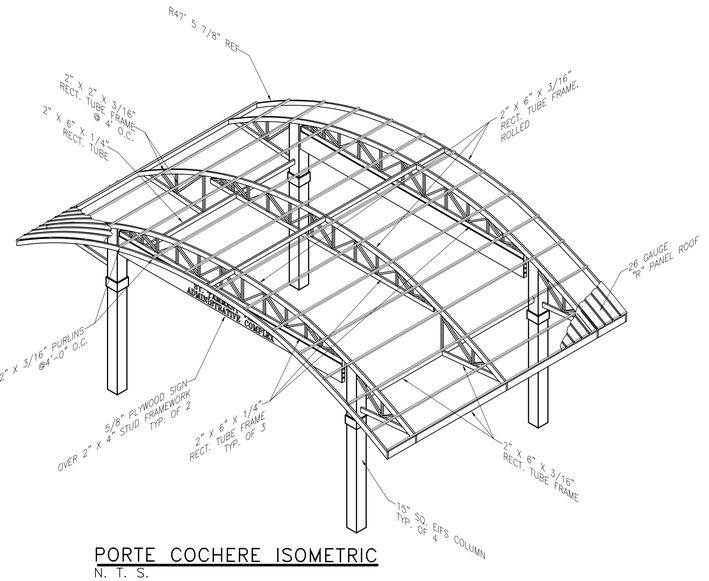
DETAIL
SCALE: 1/4"= 1'-0"
1
S3 S3



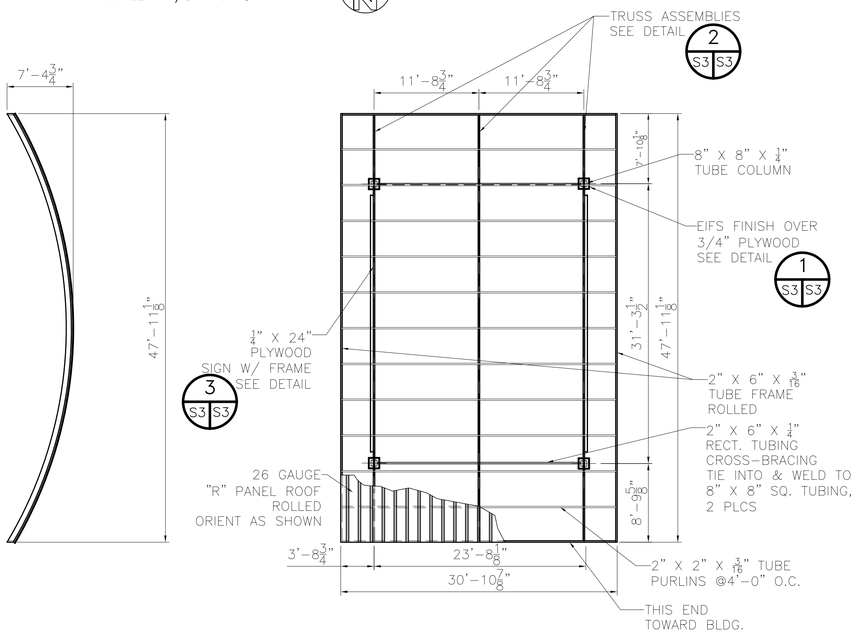
ELEVATION
SCALE: 1/8"= 1'-0"
A
S3 S3



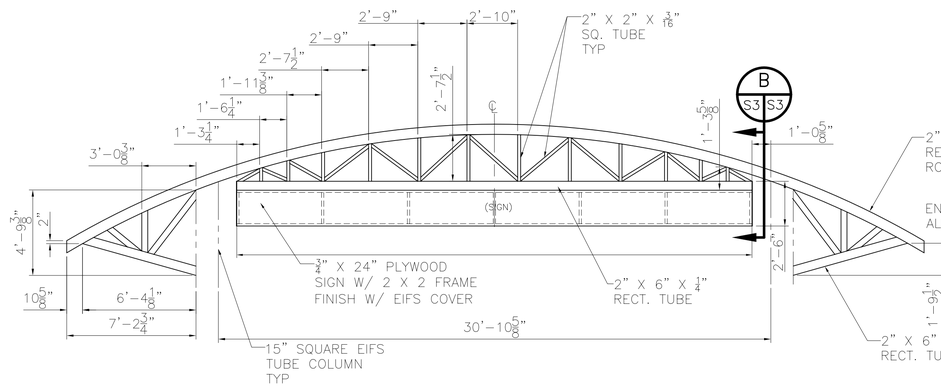
DETAIL
SCALE: 1/4"= 1'-0"
3
S3 S3



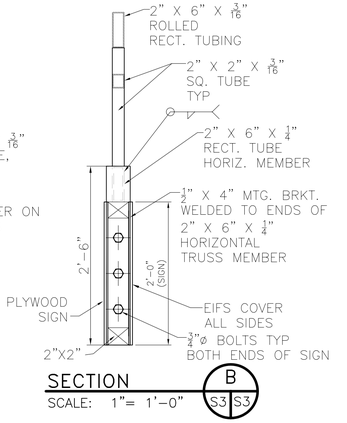
PORTE COCHERE ISOMETRIC
N. T. S.



PORTE COCHERE FRAMING PLAN
SCALE: 1/8"= 1'-0"



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



SECTION
SCALE: 1"= 1'-0"
B
S3 S3

REVISED: 02/19/07

CONTRACT SET- 10/10/07

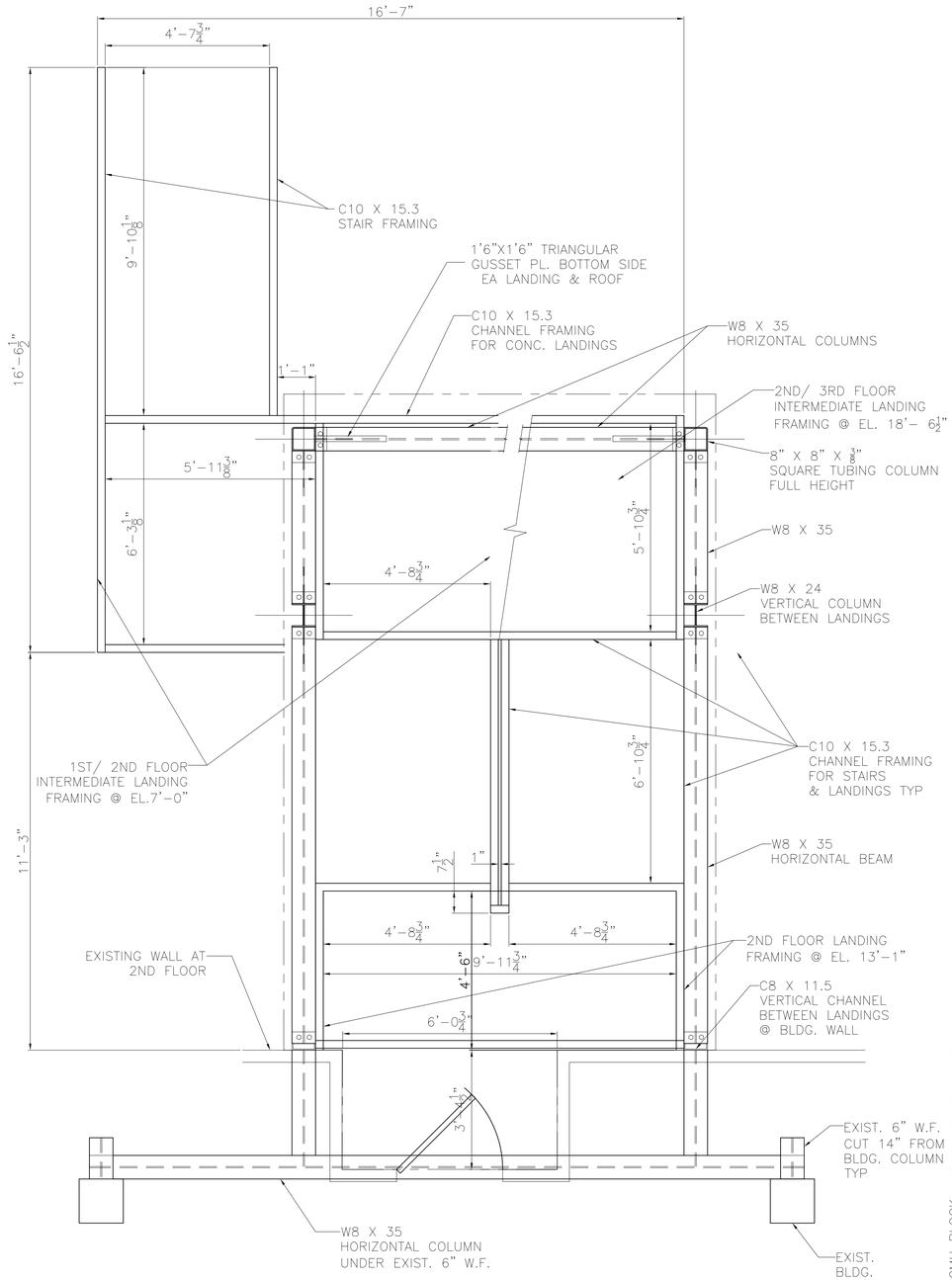
PORTE COCHERE PLAN & DETAILS

ST. TAMMANY PARISH ADMIN COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

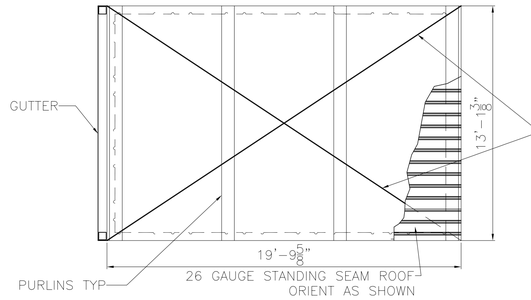
SCALE:AS NOTED
FILE:
JOB NO.
DATE:1-8-07
SHEET
S-3
OF



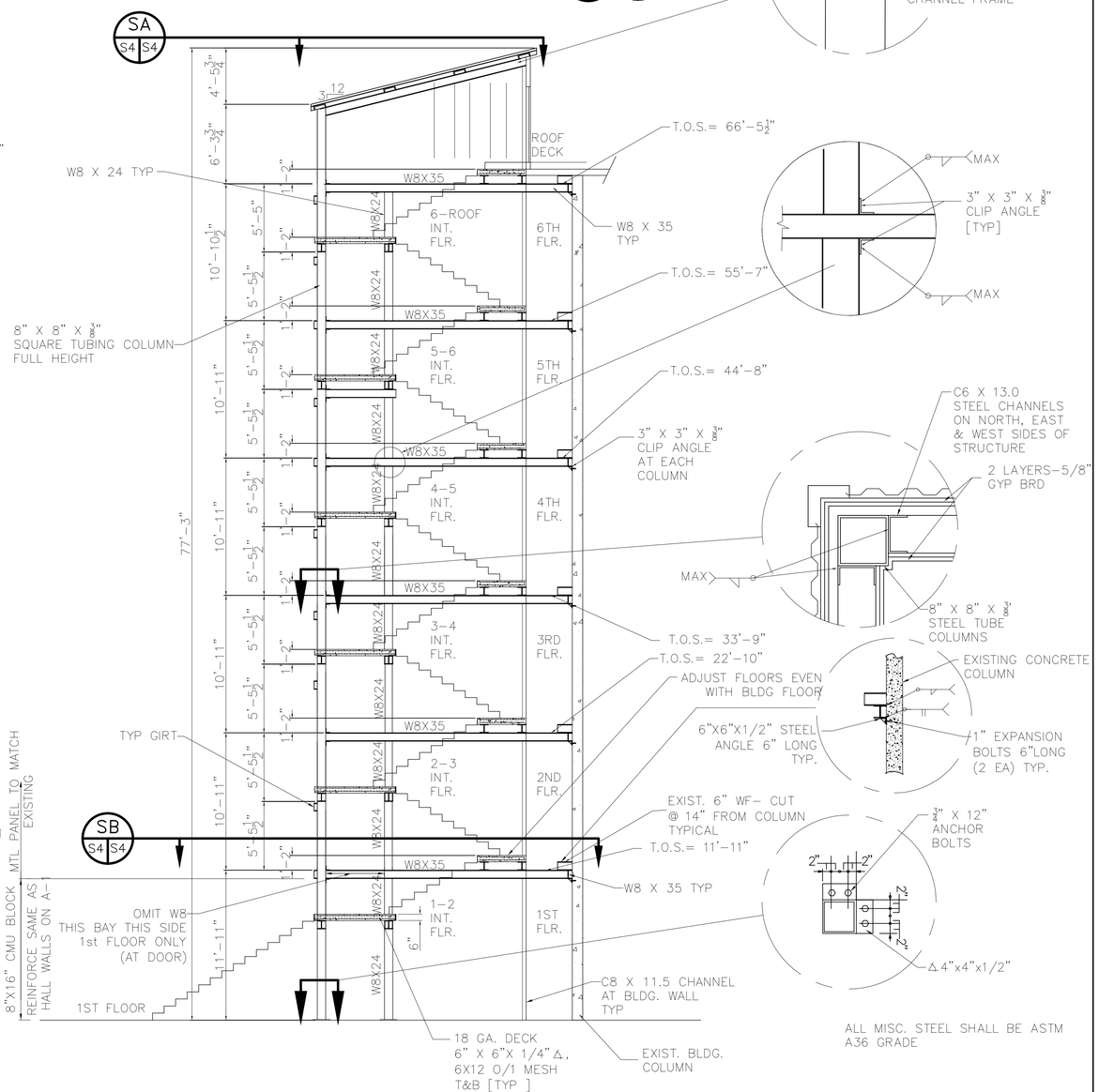
NORTHWEST STAIR TOWER FRAMING PLAN
SCALE: 1/2" = 1'-0"

NORTHEAST STAIR TOWER SIMILAR

NOTE:
CONTRACTOR TO PROVIDE SHOP DRAWINGS OF STAIRS AND STAIR TOWER STRUCTURE PRIOR TO CONSTRUCTION.



STAIR TOWER ROOF
SCALE: 1/4" = 1'-0"



NORTHWEST STAIR TOWER FRAME ELEVATION
N.T.S.

NORTHEAST STAIR TOWER SIMILAR

ALL MISC. STEEL SHALL BE ASTM A36 GRADE

REVISED: 05/21/07ab
REVISED: 02/19/07
REVISED: 12/27/06

CONTRACT SET- 10/10/07

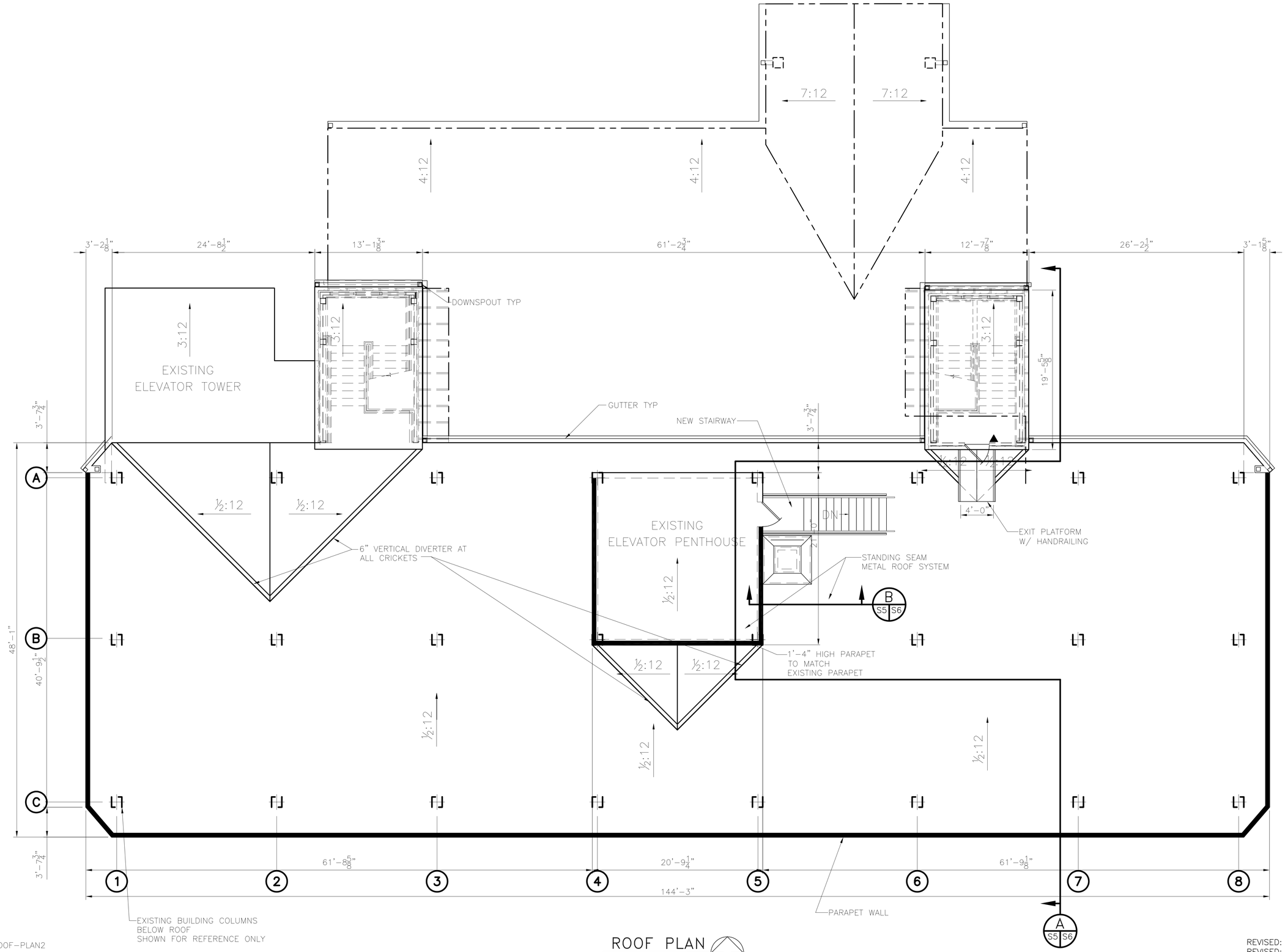
STAIR TOWER FRAMING PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE:AS NOTED
FILE:
JOB NO. 1729
DATE:1-8-07
SHEET
S-4
OF



Xref ROOF-PLAN2

ROOF PLAN
SCALE: 3/16"= 1'-0"

REVISED: 05/17/07ab
REVISED: 05/07/07ab
REVISED: 03/01/07ab
REVISED: 02/19/07

RFP #2 11-13-07

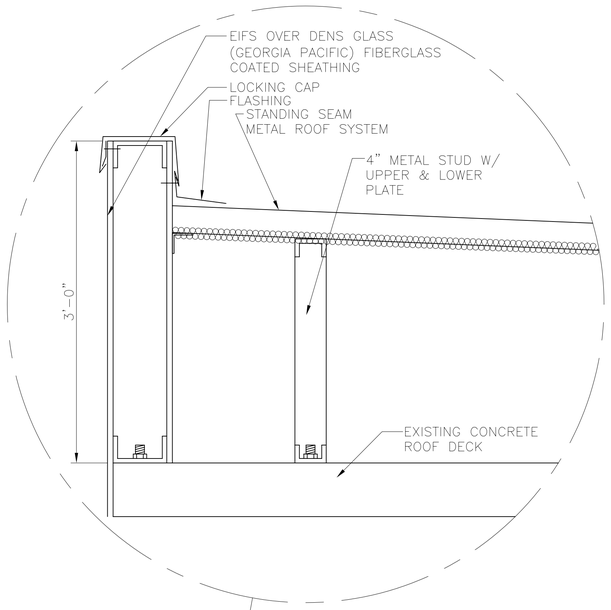
ROOF RENOVATION PLAN

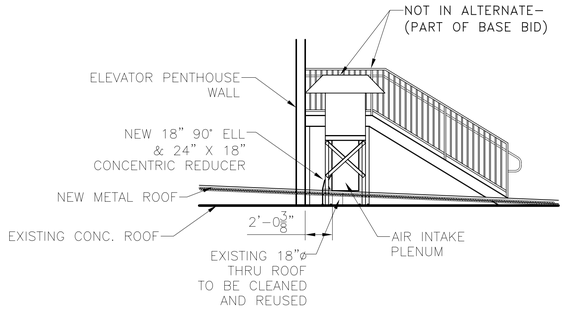
ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

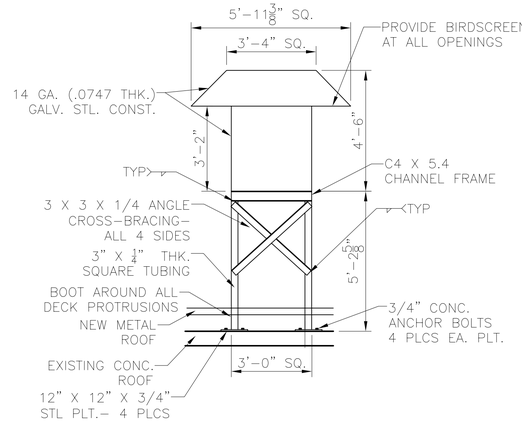
DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE:AS NOTED
FILE:
JOB NO. 1729
DATE:1-8-07
SHEET
S-5
OF

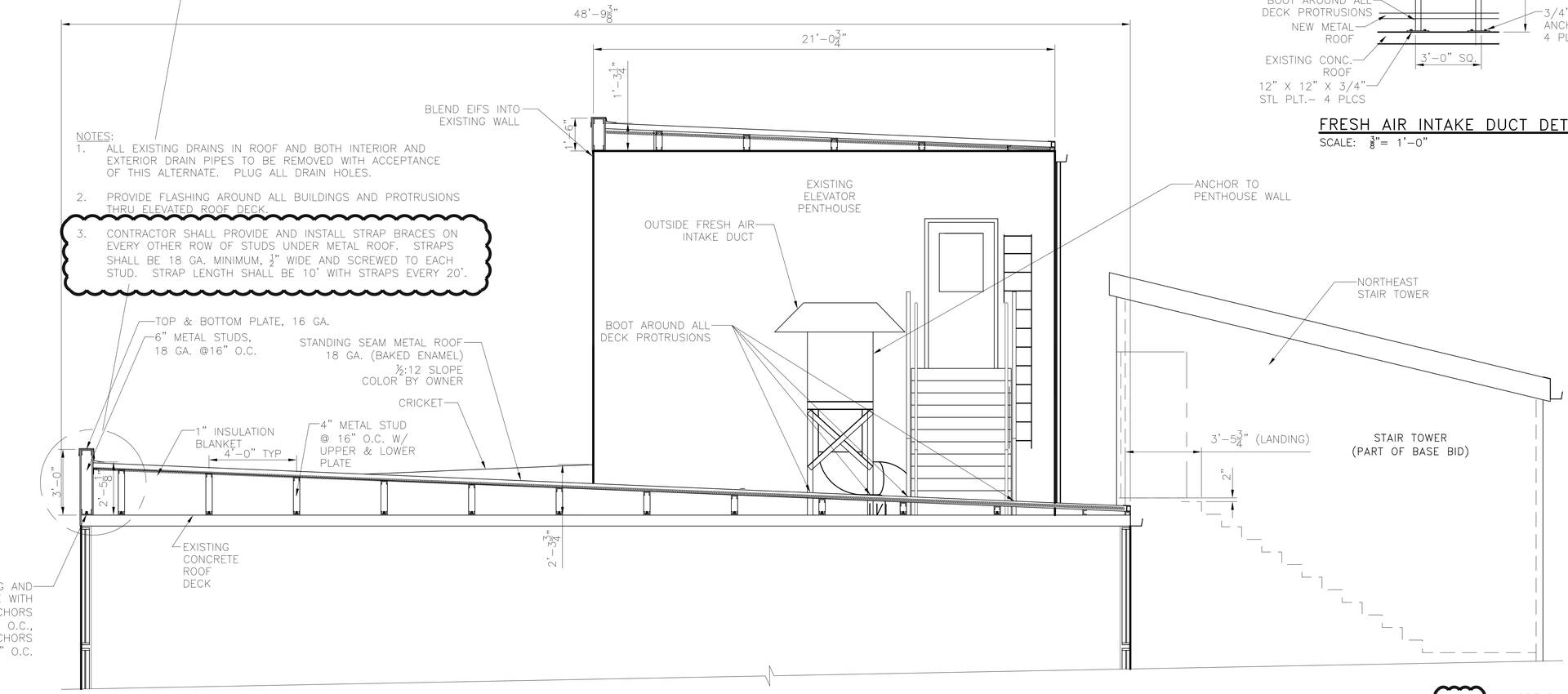




SECTION B
SCALE: 3/16"= 1'-0" S5 S6



FRESH AIR INTAKE DUCT DETAIL
SCALE: 3/8"= 1'-0"



NOTES:
1. ALL EXISTING DRAINS IN ROOF AND BOTH INTERIOR AND EXTERIOR DRAIN PIPES TO BE REMOVED WITH ACCEPTANCE OF THIS ALTERNATE. PLUG ALL DRAIN HOLES.
2. PROVIDE FLASHING AROUND ALL BUILDINGS AND PROTRUSIONS THRU ELEVATED ROOF DECK.
3. CONTRACTOR SHALL PROVIDE AND INSTALL STRAP BRACES ON EVERY OTHER ROW OF STUDS UNDER METAL ROOF. STRAPS SHALL BE 18 GA. MINIMUM, 1/2" WIDE AND SCREWED TO EACH STUD. STRAP LENGTH SHALL BE 10' WITH STRAPS EVERY 20'.

ROOF DETAIL A
SCALE: 3/8"= 1'-0" S5 S6

= ADDENDUM 7 CHANGE

HVAC REVISED: 11/05/07ab
ADDENDUM 7 REVISED: 08/20/07ab
REVISED: 05/17/07ab
REVISED: 05/07/07ab
REVISED: 02/19/07

RFP #2 11-13-07

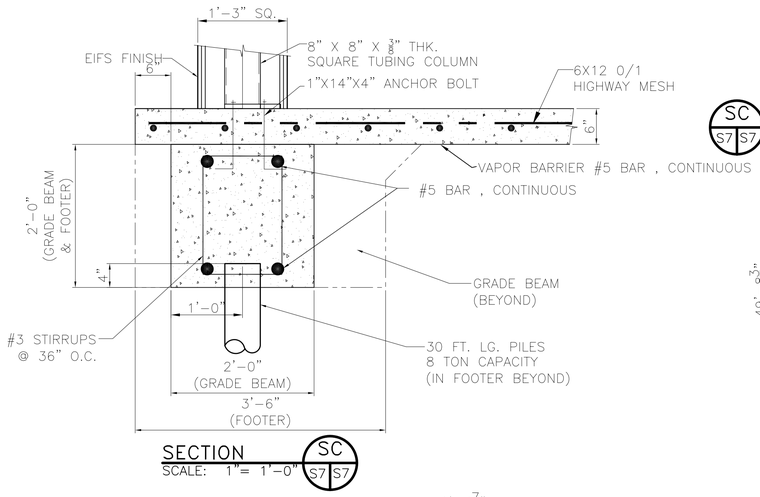
ROOF RENOVATION DETAILS

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

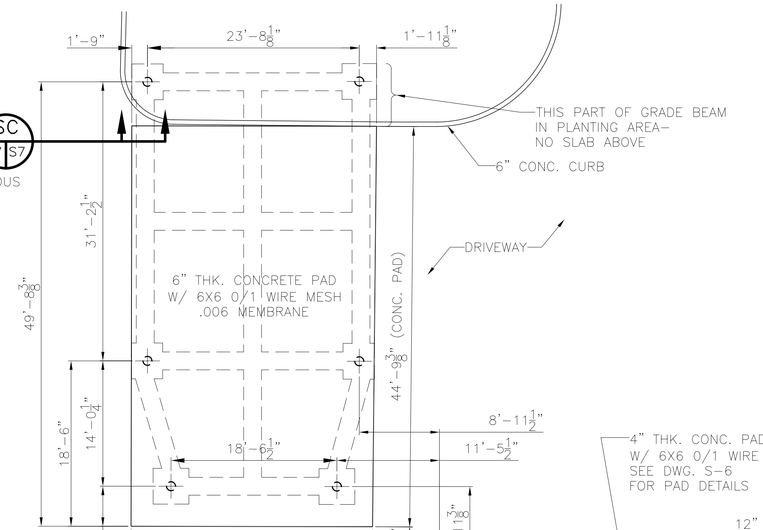
RENOVATE OFFICE BUILDING

DAMMON ENGINEERING, INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

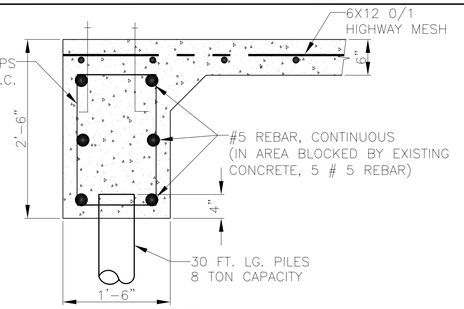
SCALE:AS NOTED
FILE:
JOB NO. 1729
DATE:1-8-07
SHEET
S-6
OF



SECTION SC (S7 | S7)
SCALE: 1"= 1'-0"



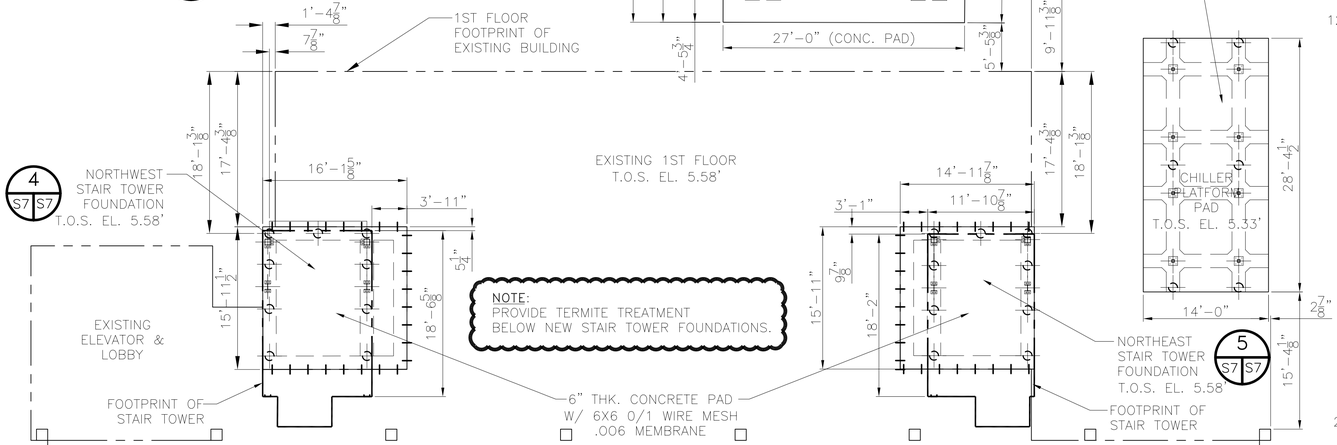
SC (S7 | S7)



SECTION SD (S7 | S7)
SCALE: 1"= 1'-0"

NOTE:
PILINGS SHALL BE "SMALL TIMBER" TREATED PILE, 6" TIP, 8" BUTT, DRIVEN TO 30 FEET BELOW GRADE. (USE PILE CONNECTORS AS REQD.) LOAD CAPACITY 8 TONS EACH.
(SOIL BORING INFORMATION AVAILABLE FROM ENGINEERING OFFICE.)

PILE DRIVING IN STAIR TOWER AREAS WILL NEED TO BE ACCOMPLISHED UTILIZING A BOBCAT TRACTOR EQUIPPED WITH A HYDRAULIC PILE DRIVING RIG.



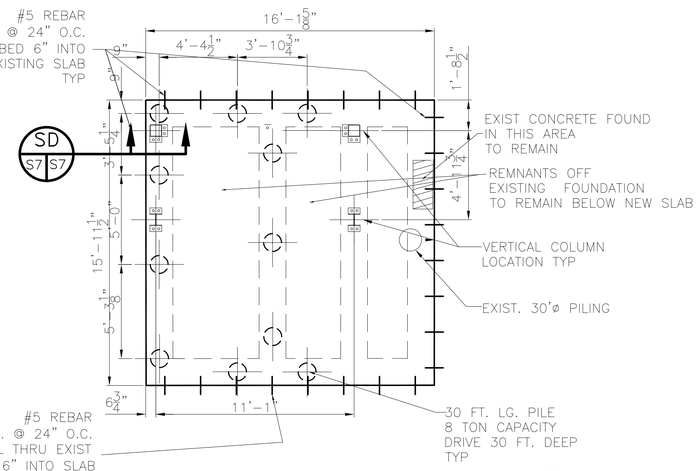
4 (S7 | S7) NORTHWEST STAIR TOWER FOUNDATION T.O.S. EL. 5.58'

NOTE:
PROVIDE TERMITE TREATMENT BELOW NEW STAIR TOWER FOUNDATIONS.

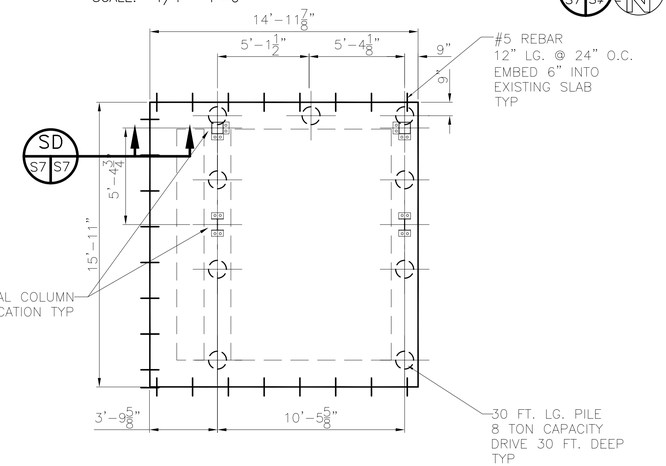
5 (S7 | S7) NORTHEAST STAIR TOWER FOUNDATION T.O.S. EL. 5.58'

PILING & FOUNDATION PLAN
SCALE: 1/8"= 1'-0"

NOTE:
SEE DWG S-4 FOR STAIR TOWER FRAMING DETAILS.



NORTHWEST STAIR TOWER FOUNDATION PLAN 4 (S7 | S7) (N)
SCALE: 1/4"= 1'-0"



NORTHEAST STAIR TOWER FOUNDATION PLAN 5 (S7 | S7) (N)
SCALE: 1/4"= 1'-0"

NOTE:
CONTRACTOR TO PROVIDE SHOP DRAWINGS OF STAIRS AND STAIR TOWER STRUCTURE PRIOR TO CONSTRUCTION.

= ADDENDUM 7 CHANGE

ADDENDUM 7 REVISED: 08/20/07ab
REVISED: 03/07/07ab
REVISED: 02/26/07

CONTRACT SET- 10/10/07

PILING & FOUNDATION PLAN

ST. TAMMANY PARISH ADMIN COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING, INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

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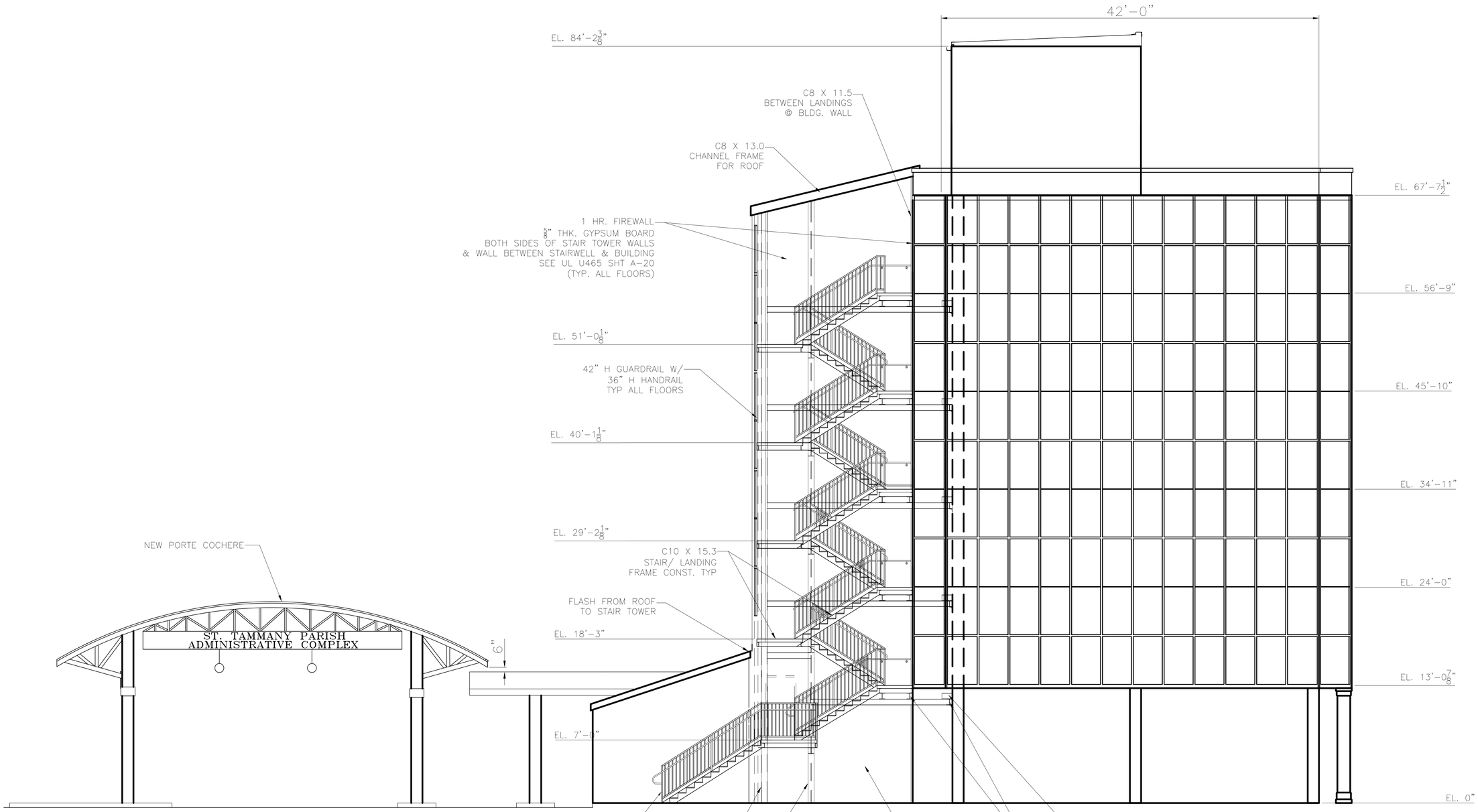
FILE:
JOB NO.
DATE:1-8-07
SHEET S-7
OF



WEST SECTION (SA / A18 S8)
SCALE: 3/16"= 1'-0"

REVISED: 05-21-07ab
REVISED: 05-11-07ab
REVISED: 05-07-07ab
REVISED: 02-27-07

CONTRACT SET- 10/10/07

WEST STAIR TOWER SECTION

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

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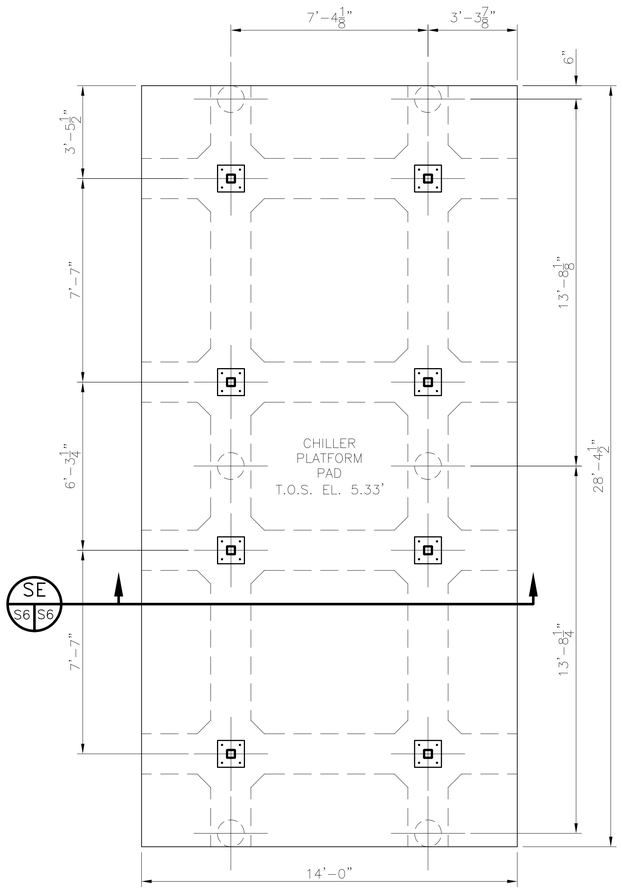
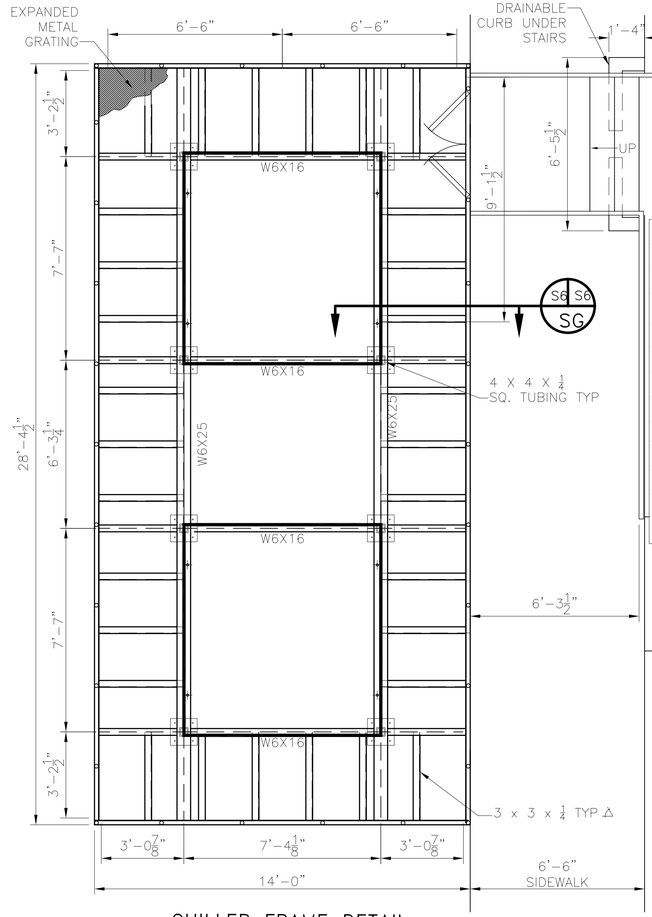
SHEET
S-8
OF



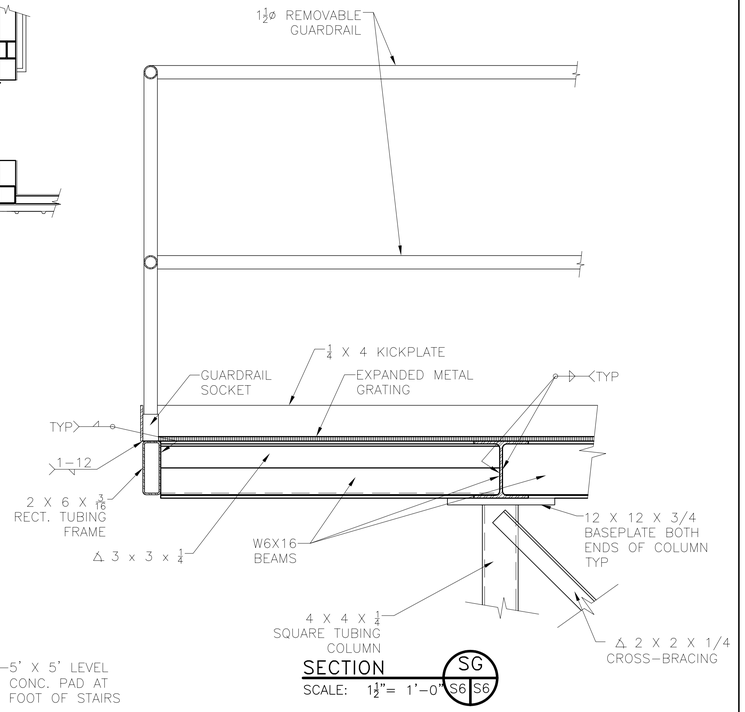
CHILLER PAD DETAIL

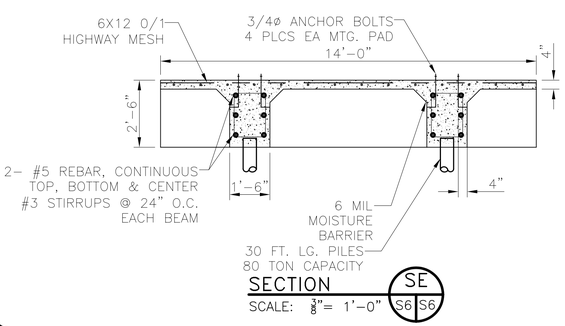
SCALE: 3/8"= 1'-0"

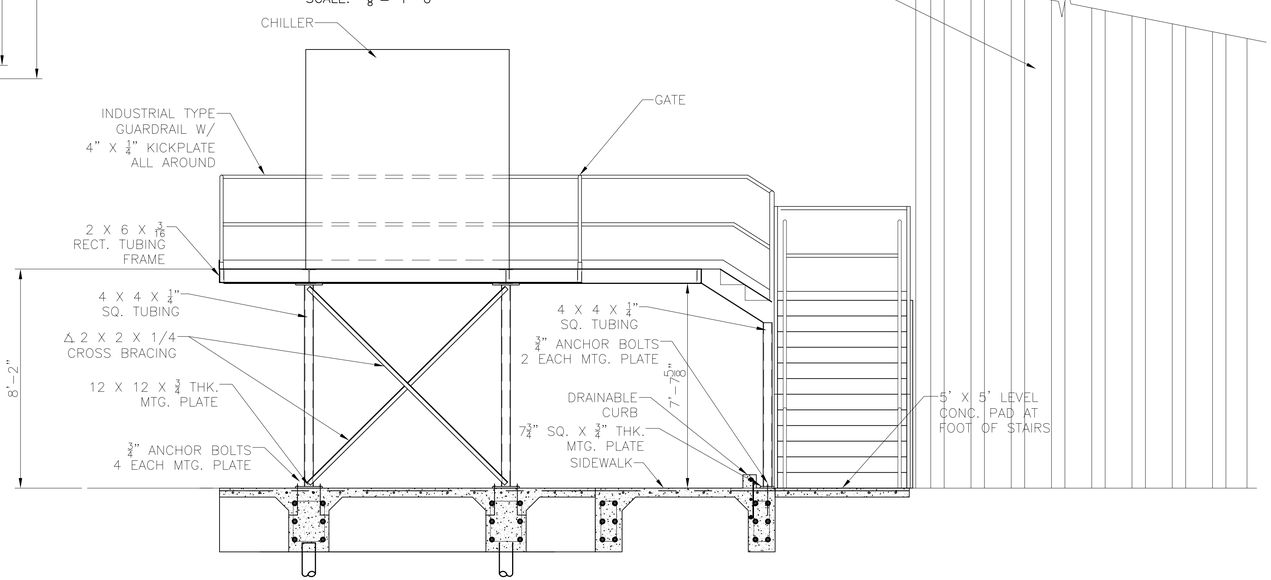


CHILLER FRAME DETAIL

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







REVISED: 08/19/08ab
REVISED: 04/10/08ab
REVISED: 05/21/07ab
REVISED: 03/07/07ab
REVISED: 02/19/07

CHILLER DECK & PAD DETAILS

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE PRIVATE OFFICE BUILDING

DAMMON ENGINEERING, INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

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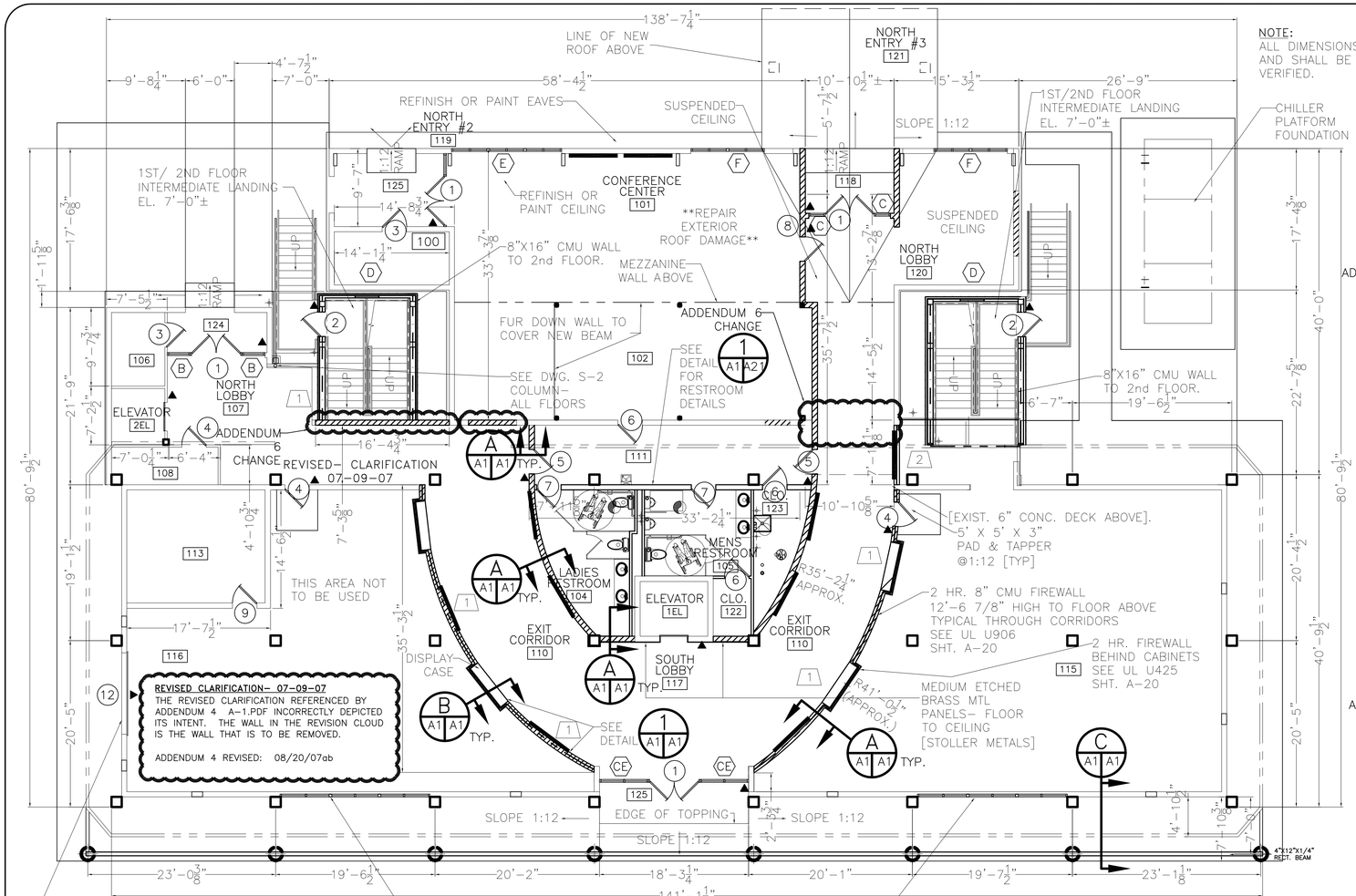


NOTE:
ALL DIMENSIONS ARE ± AND SHALL BE FIELD VERIFIED.

ADDENDUM 2 CHANGE

FINISH SCHEDULE

ROOM	FLOOR: CONCRETE	FLOOR: VINYL TILE	FLOOR: CARPET	FLOOR: CERAMIC TILE	FLOOR: SCORED/STAINED CONCRETE	BASE: VINYL	BASE: WOOD	BASE: NONE	WALLS: CERAMIC TILE	WALLS: CMU PAINT	WALLS: GYPSUM BOARD	WALLS: CONC. BOARD	WALLS: WAINSCOT	CEILING: SUSP. ACC. TILE	CEILING: GYPSUM BOARD	CEILING: CONCRETE	CEILING: EXISTING WOOD	CLG HT	REMARKS
100 STORAGE	●										●					●		12'-6 7/8"	
101 CONFERENCE ROOM					●	●		●		●	●		●			●	●		CLEAN & SEAL
102 UNDER MEZZ					●	●				●		●	●					9'-0"	
103 NOT USED																			
104 RESTROOM				●		●			●			●			●			9'-0"	
105 RESTROOM				●		●			●			●			●			9'-0"	
106 CLOSET	●						●			●	●					●		12'-6 7/8"	
107 NORTH LOBBY					●	●				●	●		●	●	●			8'-6"	GYP. ABV SUSP. CLG.
108 CLOSET					●	●				●	●					●		12'-6 7/8"	
109 OPEN AREA					●													12'-6 7/8"	
110 CORRIDOR					●					●	●		●	●				9'-0"	PLASTER OVER WALLS
111 VESTIBULE					●					●	●			●				12'-6 7/8"	
112 OPEN AREA																		12'-6 7/8"	CLEAN & SEAL
113 OPEN AREA	●						●			●	●					●		12'-6 7/8"	CLEAN & SEAL
114 OPEN AREA	●						●			●	●					●		12'-6 7/8"	CLEAN & SEAL
115 OPEN AREA	●						●			●						●		12'-6 7/8"	CLEAN & SEAL
116 OPEN AREA	●						●			●						●		12'-6 7/8"	CLEAN & SEAL
117 SOUTH LOBBY					●	●				●	●				●			9'-0"	⊕
118 NORTH ENTRY #1	●				●			●								●			
119 NORTH ENTRY #2	●				●														
120 NORTH LOBBY					●	●				●	●							9'-0"	
121 NORTH ENTRY #3					●					●							●		
122 CLOSET	●						●			●		●				●		12'-6 7/8"	CLEAN & SEAL
123 CLOSET	●						●			●	●					●		12'-6 7/8"	CLEAN & SEAL
124					●		●											CLEAN WALLS & CEILING	
125	●						●											CLEAN WALLS & CEILING	

NOTE: SCORE ALL STAINED CONCRETE w/ 2'X2' DIAMOND PATTERN

⊕ "STOLLER METALS" OR EQUAL, AS SHOWN ON ELEV WALL PLASTER OTHER WALLS TEL 206-903-6095

ADDENDUM 6 CHANGE

DOOR & HARDWARE SCHEDULE

① DOOR	TYPE: SOLID WOOD	TYPE: HOLLOW METAL	TYPE: ALUMINUM/GLASS	TYPE: STOREFRONT	TYPE: MASONITE	FRAME: STEEL	FRAME: ALUMINUM	FRAME: WOOD	FRAME: CASED OPENING	HINGE: BUTT	HINGE: BURGLARPROOF	HINGE: SLIDING	LOCK: PASSAGE	LOCK: PRIVACY	LOCK: DEADBOLT	LOCK: KEYED HANDLE	LOCK: PUSH PULL	LOCK: MAGNETIC STRIKE	ACCESSORIES: PANIC	ACCESSORIES: THRESHOLD	ACCESSORIES: WEATHERSTRIP	ACCESSORIES: DOOR STOP	ACCESSORIES: ALARM	ACCESSORIES: VIEW GLASS	ACCESSORIES: CLOSER	ACCESSORIES: MAGNETIC HOLD OPEN	REMARKS
1 (2) 3/0x7/0				●			●			●						●		●	●	●					●		EXTERIOR
2 3/0x7/0				●			●			●						●		●	●	●					●		EXTERIOR
3 3/0x7/0		●				●				●					●					●	●				●		EXTERIOR
4 3/0x7/0		●				●				●						●									●		
5 3/0x7/0		●				●				●						●									●		
6 3/0x7/0		●				●				●						●									●		
7 3/0x7/0		●				●				●							●								●		
8 3/0x7/0		●				●				●						●									●		
9 3/0x7/0		●				●				●						●									●		
10 (2) 3/0x7/0		●				●				●															●	3 HR RATED	
12 10'W/9'H ROLL UP		●				●				●						●	●								●	EXTERIOR	

▲ EQUIPPED WITH ELECTRIC STRIKE OR MAGNETIC LOCK FOR CARD READER
✳ MAGNETIC HOLD OPEN

UNDERCUT ALL DOORS 3/4" TO ALL FOR PROPER EXHAUST AIR FLOW

WINDOW SCHEDULE

WINDOW	TYPE: FIXED	TYPE: VERTICAL SLIDE	TYPE: HORIZONAL SLIDE	TYPE: STORE FRONT	FRAME: STEEL	FRAME: ALUMINUM	FRAME: WOOD	GLASS: TINTED	GLASS: PLAIN	GLASS: TRANSLUCENT	GLASS: WIREGLASS	LITES: SEE ELEVATION	LITES: 3/6	LITES: 4/4	LITES: 6/6	LITES: 8/8	ACCESSORIES: ALARM	ACCESSORIES: SCREEN	ACCESSORIES: SHUTTER	ACCESSORIES: NONE	REMARKS
BE 18/4x2/10				●		●		●				●					●				STORE FRONT GLASS WALL ✳
CE 18/4x6/0				●		●		●				●					●				STORE FRONT GLASS WALL -NEW ✳
A 3/0x5/0				●		●		●				●							●		STORE FRONT GLASS ✳
B 18/4x9/0				●		●		●				●					●				STORE FRONT GLASS WALL ✳
AE 15/6X9/0				●		●		●				●									✳

✳ INSTALL ON NEW 3" TOPPING.
(AE) -DENOTES EXISTING WINDOW (REGLAZE TO MATCH TINT)

NOTES

1. ALL STOREFRONT AND WINDOWS THIS LEVEL SHALL WITHSTAND WIND PRESSURES OF 43.56 PSF.
2. DESIGN WIND SPEED 130 MPH THIS FLOOR
3. ALL WINDOWS AND EXTERIOR GLASS DOORS SHALL BE TINTED TO MATCH NEW WINDOW WALLS ABOVE.
4. VERIFY ALL DIMENSIONS IN FIELD.
5. FLOORS-
   MIX FOR CONCRETE FLOOR TOPPING SHALL BE 100% STRAIGHT PORTLAND CEMENT.
   MAXIMUM GRAVEL SIZE SHALL BE 3/4".
   SCORE CONCRETE W/DIAMOND PATTERN (2' X 2').
   STAIN SHALL BE "CHEMSTAIN CS-2 PADRE BROWN" STAIN.
   USE MANUFACTURERS RECOMMENDED SEALER.
   FOLLOW MANUFACTURERS INSTRUCTIONS FOR NONSLIP HEAVY TRAFFIC AREAS,
6. ELEVATOR CONTRACTOR SHALL RELOCATE 1ST FLOOR STOPS TO ACCOUNT FOR RAISING FLOOR 3".
7. KITCHEN CABINETS SHALL BE MEDIUM COMMERCIAL GRADE, FACTORY BUILT. COUNTER TOPS SHALL BE MANMADE MARBLE OR EQUAL.

ADDENDUM 6 CHANGE

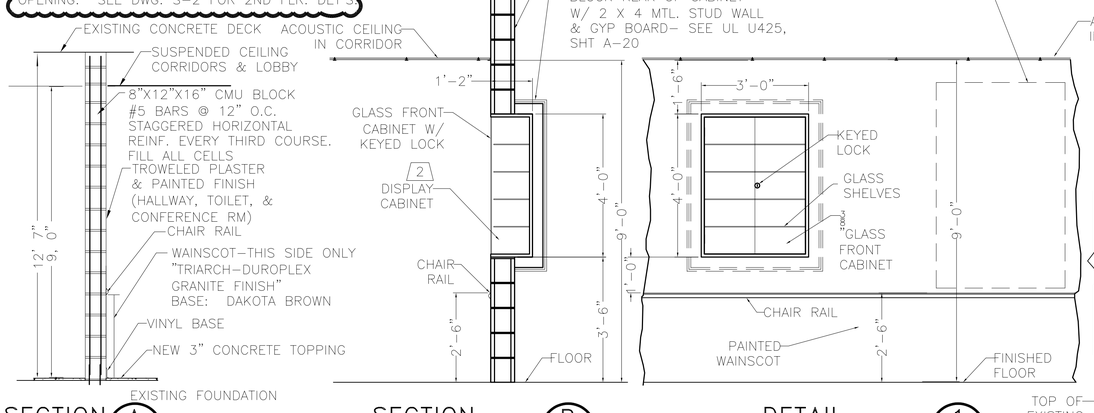
LEGEND

NEW 2 HOUR RATED CMU WALLS
NEW CMU WALLS
MURAL PAINTING (BY OTHERS) ① ADDENDUM
SECURITY ACCESS DOOR - (SCANNER BY OTHERS) ▲
= ADDENDUM CHANGE
= 09/19/07 CHANGE

REVISED: 11/02/07ab
REVISED: 09/19/07ab
REVISED: 08/20/07ab
REVISED: 07/09/07pd
REVISED: 05/21/07ab
REVISED: 05/17/07ab
REVISED: 04/09/07ab
REVISED: 03/07/07ab
REVISED: 02/27/07
REVISED: 02/19/07
REVISED: 02/11/07

ELEVATOR PIT NOTES:
REMOVE ANY ELECTRICAL OUTLETS, MAKE SAFE, FILL PIT W/ SAND & COMPACT. POUR 5" CONCRETE W/ 6 MIL VISQUEEN & 6X6 0/1 MESH. INSTALL #5 REBARS MIN. 4" INTO EXISTING CONCRETE @12" O.C. AROUND OPENING. SEE DWG. S-2 FOR 2ND FLR. DET'S

NOTE:
INSTALL DUCTWORK ENTRANCES AS REQUIRED. SEE DWG. M-1 FOR A/C DETAILS



SECTION A (A1 A1) NTS

SECTION B (A1 A1) SCALE: 1/2" = 1'-0"

DETAIL 1 (A1 A1) SCALE: 1/2" = 1'-0"

SECTION C (A1 A1) SCALE: N.T.S.

FIRST FLOOR PLAN (N) SCALE: 1/8"= 1'-0"

CONTRACT SET- 10/10/07

1ST FLOOR RENOVATE PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING, INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE:AS NOTED
FILE:
JOB NO. 1729
DATE:1-8-07
SHEET A-1
OF

FINISH SCHEDULE

ROOM	FLOOR: CONCRETE	FLOOR: VINYL TILE	FLOOR: CARPET	FLOOR: CERAMIC TILE	FLOOR: PAINTED WOOD	BASE: VINYL	BASE: WOOD	BASE: NONE	WALLS: GYPSUM BOARD	WALLS: GREENBOARD	WALLS: CMU	WALLS: PAINT	WALLS: CERAMIC TILE	CEILING: ACOUSTIC TILE	CEILING: GYPSUM BOARD	CEILING: FRP BOARD	CEILING: OPEN	CEILING: TEXT. CONC.	CLG HT	REMARKS
200		●				●			●			●		●					9'–0"	CHAIR RAIL/
201		●				●			●			●		●					9'–0"	
202	●							●	●			●					●		9'–0"	
203																			9'–0"	NOT USED
204	●					●			●			●			●				9'–0"	1HR RATED RM.
205				●						●		●	●	●					9'–0"	WAINSCOT
206				●						●		●	●	●					9'–0"	WAINSCOT
207																			9'–0"	NOT USED
208																			9'–0"	NO INTERIOR FINISHES
209		●				●			●			●		●					9'–0"	
210		●				●			●			●		●					9'–0"	
211		●				●			●			●		●					9'–0"	
212		●				●				●		●		●					9'–0"	
213	●							●				●					●		10'–4"	
214	●							●				●		●					9'–0 '	
215			●			●			●			●		●					9'–0"	
216			●			●			●			●		●					9'–0"	
217			●			●			●			●		●					9'–0"	
218			●			●			●			●		●					9'–0"	
		●				●			●			●		●					9'–0"	

DOOR & HARDWARE SCHEDULE

DOOR	TYPE: SOLID WOOD	TYPE: HOLLOW	TYPE: ALUM./GLASS	TYPE: STEEL	TYPE: MASONITE	FRAME: STEEL	FRAME: ALUMINUM	FRAME: WOOD	HINGE: CASED OPENING	HINGE: DOUBLE SWING	HINGE: BUTT 1 1/2 PR	HINGE: SLIDING	LOCK: PASSAGE	LOCK: MAGNETIC	LOCK: DEADBOLT	LOCK: KEYED HANDLE	LOCK: PUSH PULL	ACCESSORIES: PANIC	ACCESSORIES: THRESHOLD	ACCESSORIES: WEATHERSTRIP	ACCESSORIES: DOOR STOP	ACCESSORIES: ALARM	ACCESSORIES: VIEW GLASS	REMARKS
1	3/0x7/0	●				●					●					●							●	STAIN & VARNISH
2	3/0x7/0	●				●					●					●								
3	3/0x7/0																							EXISTING TO REMAIN
4	3/0x7/0	●				●					●						●							
5	(2) 3/0x7/0	●				●					●					●								
6	3/0x7/0	●				●					●			●				●	●					1 HOUR RATED
7	(2) 3/0x7/0														●		●							EXISTING TO REMAIN–REFINISH
8	3/0x7/0			●		●					●					●								
9	3/0x7/0																							EXISTING TO REMAIN–REFINISH
10	3/0x7/0																							RELOCATE FROM 1st FLOOR–REFINISH

DOORS SHOWN WITH ▲ SHALL BE EQUIPPED W/ ELECTRIC STRIKE (MAGNETIC LOCK ON DOUBLE DOORS) FOR CARD READER
UNDERCUT ALL DOORS 3/4" TO ALL FOR PROPER EXHAUST AIR FLOW

WINDOW SCHEDULE

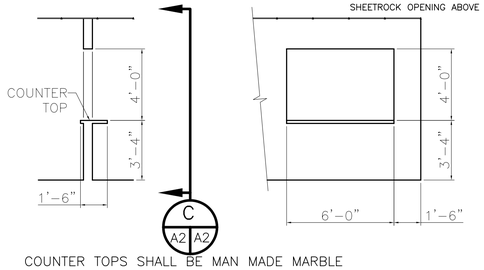
WINDOW	TYPE: FIXED	TYPE: VERTICAL SLIDE	TYPE: HORIZONAL SLIDE	TYPE: STORE FRONT	FRAME: STEEL	FRAME: ALUMINUM	FRAME: WOOD	GLASS: TINTED	GLASS: PLAIN	GLASS: GLAZED	GLASS: WIREGLASS	LITES: NONE	LITES: 2/2	LITES: 4/4	LITES: 6/6	LITES: 8/8	ACCESSORIES: ALARM	ACCESSORIES: SCREEN	ACCESSORIES: SHUTTER	ACCESSORIES: NONE	REMARKS
A	●					●			●			●								●	APPROXIMATELY 3,000 SQ. FT.
B																					
C																					
D																					

*FINAL SIZES TO BE DETERMINED BY VENDOR FROM FIELD MEASUREMENTS [TYP. ALL FLOORS]

LEGEND

NEW WALL —
NEW FIRE – RATED WALL
EXISTING WALL —
CURTAIN WALL —
SECURITY ACCESS DOOR – ▲ (SCANNER BY OTHERS)
RETURN AIR CASED OPENING IN WALL – (ROOM TO CEILING)– TO EQUAL 200 SQ. IN.

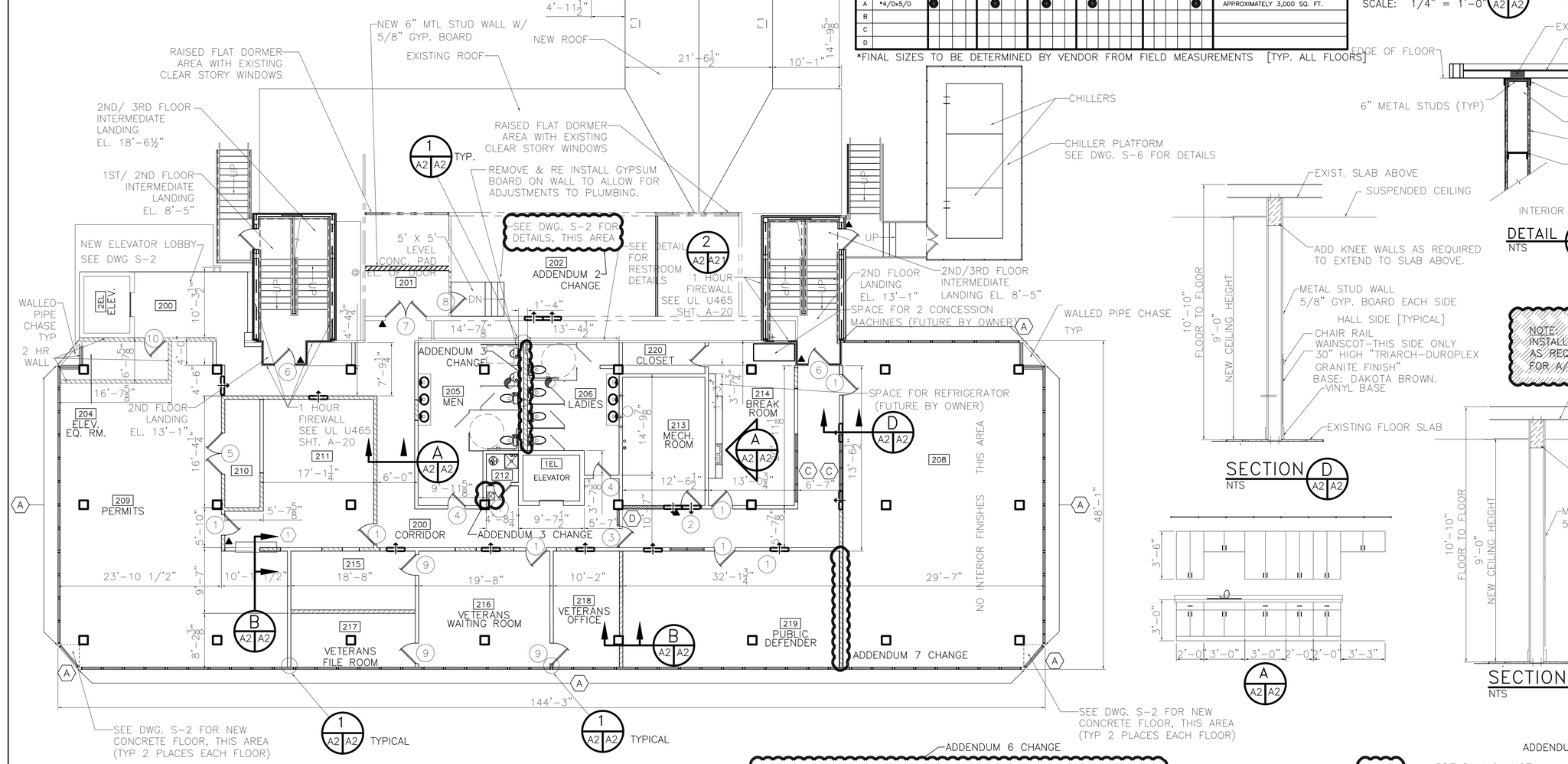
(1) 18" COUNTERTOP FINISHED AT 42" HIGH ABOVE, 2X6 WALL. 4" HIGH BY 8" WIDE SHEETROCK OPENING ABOVE



COUNTER TOPS SHALL BE MAN MADE MARBLE

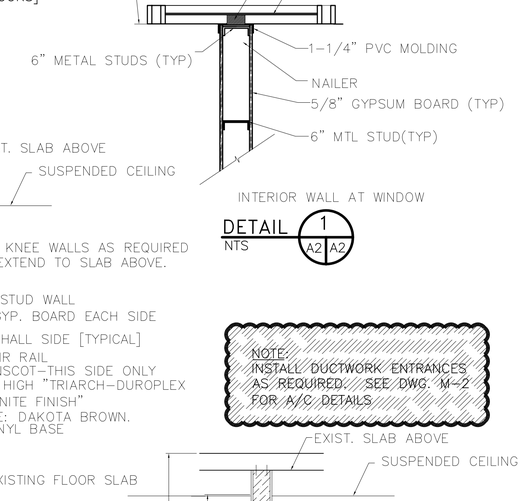
SECTION B — SCALE: 1/4" = 1'–0" (B, A2 A2)

SECTION C — SCALE: 1/4" = 1'–0" (C, A2 A2)



SECOND FLOOR PLAN — SCALE: 1/8"= 1'–0"

NOTE:
KITCHEN CABINETS SHALL BE MEDIUM COMMERCIAL GRADE, FACTORY BUILT. COUNTER TOPS SHALL BE MANMADE MARBLE OR EQUAL.



ADDENDUM
REVISED: 11/05/07ab
REVISED: 09/19/07ab
REVISED: 08/20/07ab
REVISED: 05/21/07ab
REVISED: 05/17/07ab
REVISED: 04/09/07ab
REVISED: 03/07/07ab
REVISED: 02/19/07
REVISED: 01/22/07

= ADDENDUM CHANGE
= 09/19/07 CHANGE

CONTRACT SET- 10/10/07

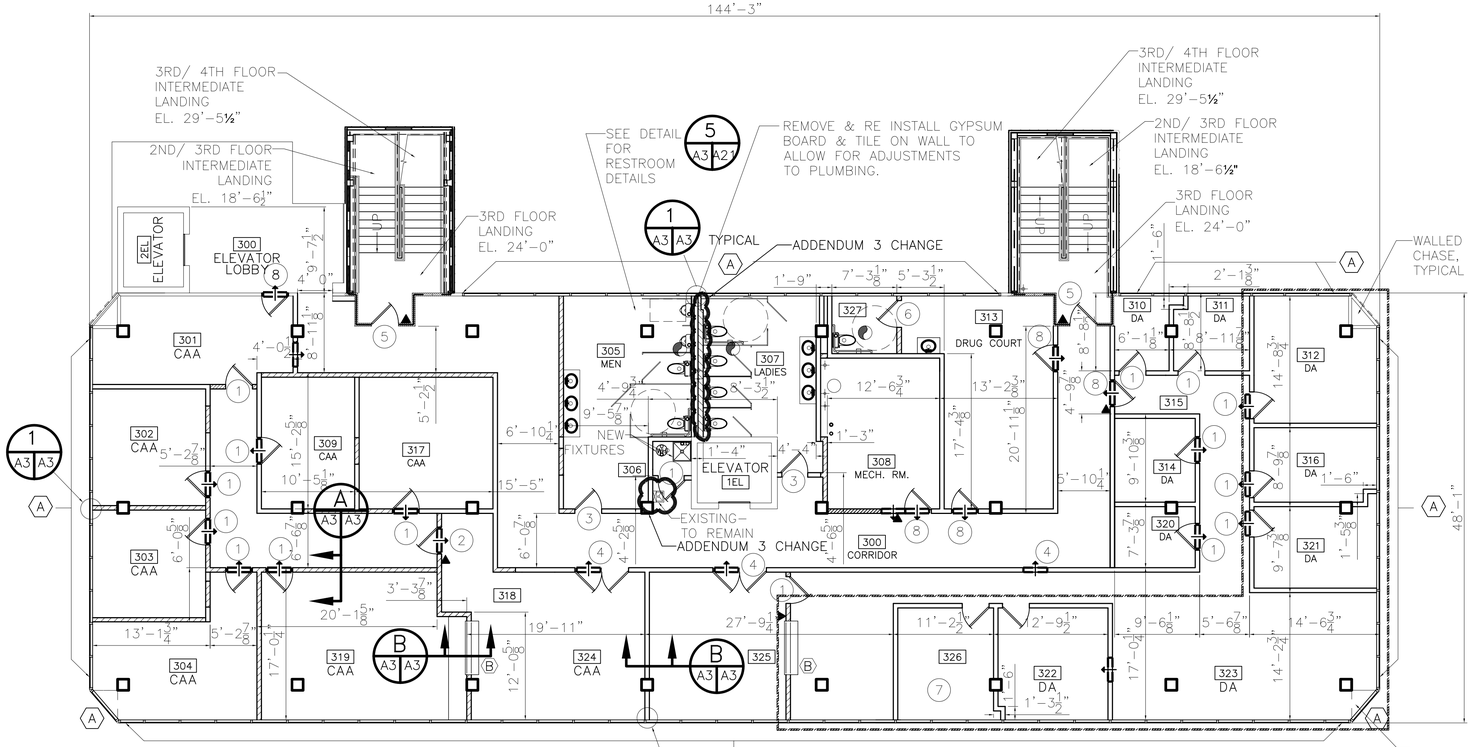
2ND FLOOR RENOVATE PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985–649–5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE:AS NOTED
FILE:
JOB NO. 1729
DATE:1–9–07
SHEET A–2
OF



ADDENDUM 6 CHANGE

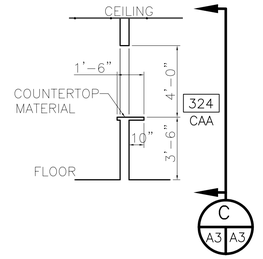
NOTE:
KITCHEN CABINETS SHALL BE MEDIUM COMMERCIAL GRADE, FACTORY BUILT. COUNTER TOPS SHALL BE MANMADE MARBLE OR EQUAL.

1 A3 A3 TYPICAL A

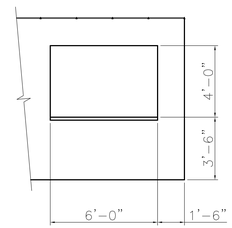
THIRD FLOOR PLAN
SCALE: 1/8"= 1'-0"

NOTE:
INSTALL DUCTWORK ENTRANCES AS REQUIRED. SEE DWG. M-3 FOR A/C DETAILS

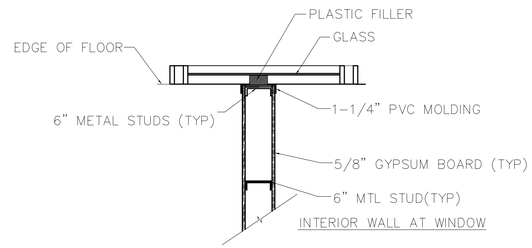
LEGEND
NEW WALL —
NEW 1 HOUR RATED WALL
EXISTING WALL —
CURTAIN WALL —
SECURITY ACCESS DOOR – ▲ (SCANNER BY OTHERS)
RETURN AIR CASED OPENING IN WALL – (ROOM TO CEILING)– TO EQUAL 200 SQ. IN.



SECTION B
SCALE: 1/4" = 1'-0" A3 A3



SECTION C
SCALE: 1/4" = 1'-0" A3 A3



DETAIL 1
NTS A3 A3

FINISH SCHEDULE

ROOM	FLOOR: CONCRETE	VINYL TILE	CARPET	CERAMIC TILE	PAINTED WOOD	BASE: VINYL	WOOD	NONE	WALLS: PANELING	GYPSUM BOARD	GREENBOARD	PAINT	CERAMIC TILE	CEILING: ACOUSTIC TILE	GYPSUM BOARD	FRP BOARD	OPEN	TEXT. CONC.	CLG HT	REMARKS
300		●				●				●		●		●					8'-6"	
301			●			●				●		●		●					9'-0"	
302			●			●				●		●		●					9'-0"	
303			●			●				●		●		●					9'-0"	
304			●			●				●		●		●					9'-0"	
305				●		●				●		●	●	●					9'-0"	
306		●				●					●	●		●					9'-0"	
307				●		●				●		●	●	●					9'-0"	
308	●							●		●		●					●		10'-4"	
309			●			●				●		●		●					9'-0"	
310			●			●				●		●		●					9'-0"	
311			●			●				●		●		●					9'-0"	
312			●			●				●		●		●					9'-0"	
313			●			●				●		●		●					9'-0"	
314			●			●				●		●		●					9'-0"	
315			●			●				●		●		●					9'-0"	
316			●			●				●		●		●					9'-0"	
317			●			●				●		●		●					9'-0"	
318			●			●						●		●					9'-0"	
319			●			●						●		●					9'-0"	
320			●			●						●		●					9'-0"	
321			●			●				●		●		●					9'-0"	
322			●			●				●		●		●					9'-0"	
323			●			●				●		●		●					9'-0"	
324			●			●				●		●		●					9'-0"	
325			●			●				●		●		●					9'-0"	
326			●			●				●		●		●					9'-0"	
327		●				●				●		●		●					**9'-0"**	
																			9'-0"	

DOOR & HARDWARE SCHEDULE

○ DOOR	TYPE: SOLID WOOD	HOLLOW	ALUM./GLASS	STEEL	FRAME: MASONITE	STEEL	ALUMINUM	WOOD	CASED OPENING	HINGE: DOUBLE SWING	BUTT 1 1/2 PR	LOCK: PASSAGE	PRIVACY	DEADBOLT	KEYED HANDLE	PUSH PULL	ACCESSORIES: PANIC	THRESHOLD	WEATHERSTRIP	DOOR STOP	ALARM	WIRE GLASS	VIEW GLASS	REMARKS
1 3/0x7/0																								RELOCATE AS NEEDED
2 3/0x7/0	●					●					●				●				●					
3 3/0x7/0	●					●					●					●								
4 (2) 3/0x7/0																								EXISTING TO REMAIN (GLASS)
5 3/0x7/0	●					●					●				●		●		●					1 HOUR RATED
6 3/0x7/0	●					●					●	●							●					
7 3/0x7/0	●					●					●	●							●					
8 3/0x7/0	●					●					●				●				●			●		STAIN & VARNISH

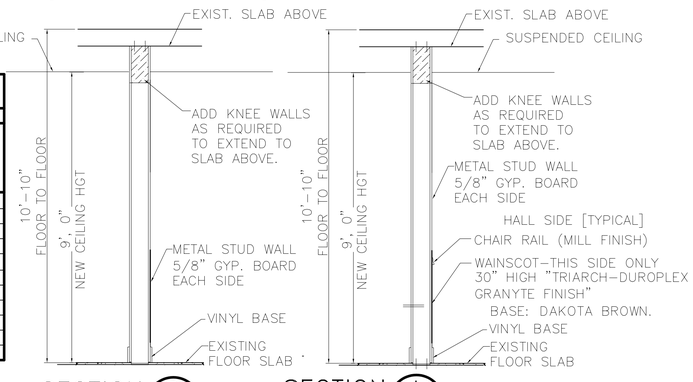
DOORS SHOWN WITH ▲ SHALL BE EQUIPPED WITH ELECTRIC STRIKE FOR CARD READER

UNDERCUT ALL DOORS 3/4" TO ALL FOR PROPER EXHAUST AIR FLOW

WINDOW SCHEDULE

○ WINDOW	TYPE: FIXED	VERTICAL SLIDE	HORIZONAL SLIDE	STORE FRONT	FRAME: STEEL	ALUMINUM	WOOD	GLASS: TINTED	PLAIN	GLAZED	WIREGLASS	LITES: NONE	2/2	4/4	6/6	8/8	ACCESSORIES: LOCK	ALARM	SCREEN	SHUTTER	NONE	REMARKS
A *4/0x5/0	●					●			●				●								●	APPROXIMATELY 3,700 SQ. FT.
B 6/0x4/0				●		●				●			●				●				●	SERVICE WINDOW

*FINAL SIZES TO BE DETERMINED BY VENDOR FROM FIELD MEASUREMENTS [TYP. ALL FLOORS]



TYPICAL ONLY WHERE WALL IS NOT 9 FT. HIGH

= ADDENDUM CHANGE

= 09/19/07 CHANGE

—INDICATES AREAS CHANGED— 10/17/08

RFP 6 REVISED: 10/17/08ab
REVISED: 11/05/07ab
REVISED: 09/19/07ab
ADDENDUM REVISED: 08/20/07ab
REVISED: 05/21/07ab
REVISED: 05/17/07
REVISED: 02/19/07
REVISED: 01/22/07

CONTRACT SET- 10/10/07

3RD FLOOR RENOVATE PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING, INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
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SCALE:AS NOTED
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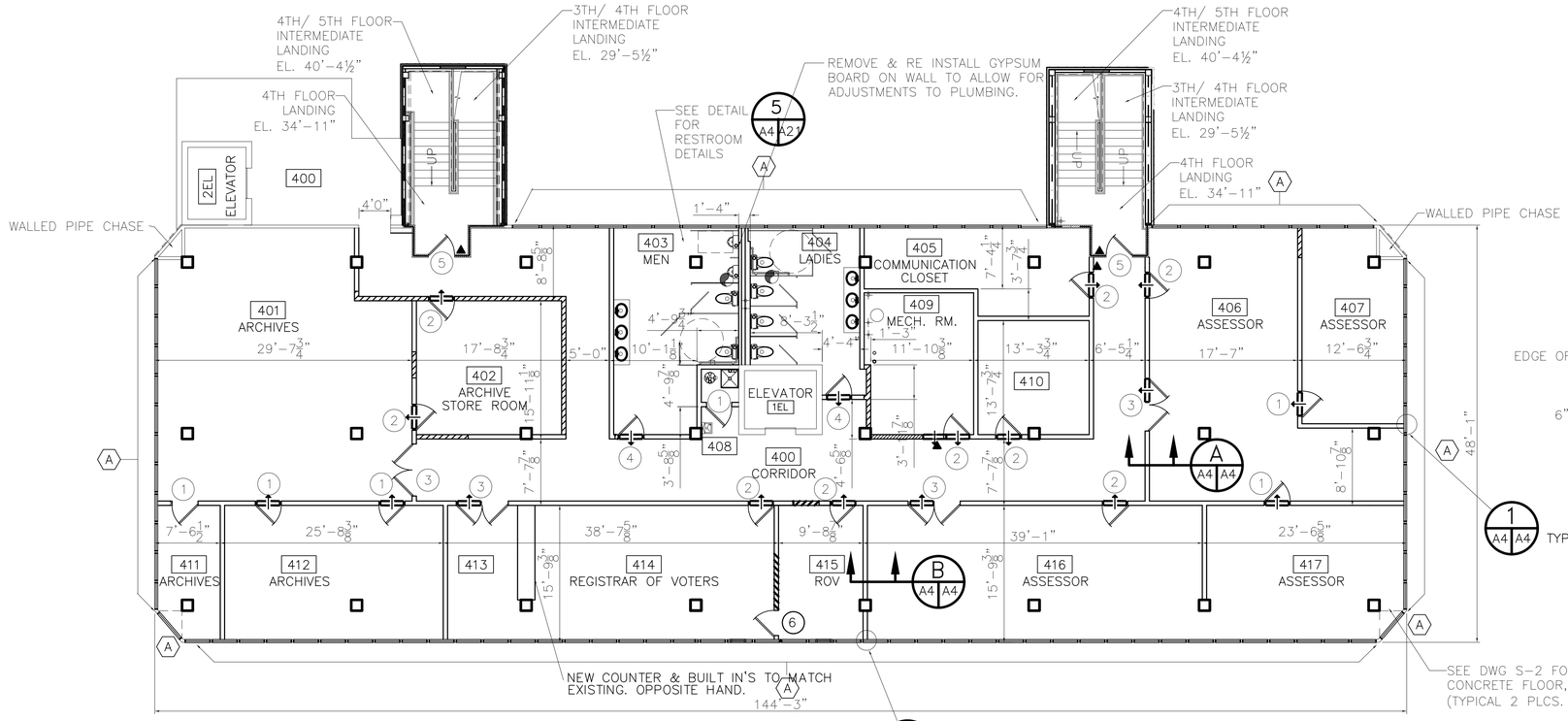
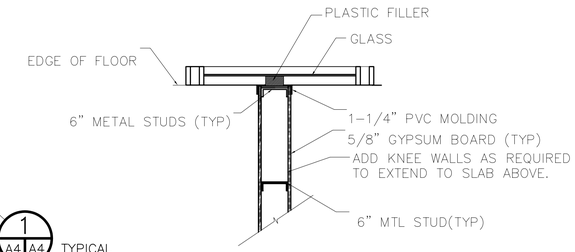
SHEET A-3
OF



FOURTH FLOOR PLAN
SCALE: 1/8" = 1'-0"

LEGEND

NEW WALL —
NEW 1 HOUR – RATED WALL
EXISTING WALL —
CURTAIN WALL —
SECURITY ACCESS DOOR – (SCANNER BY OTHERS) ▲
RETURN AIR CASED OPENING IN WALL – (ROOM TO CEILING)– TO EQUAL 200 SQ. IN.



INTERIOR WALL AT WINDOW
DETAIL 1 A4 A4
NTS

FINISH SCHEDULE

ROOM	FLOOR: CONCRETE	FLOOR: VINYL TILE	FLOOR: CARPET	FLOOR: CERAMIC TILE	FLOOR: PAINTED WOOD	BASE: VINYL	BASE: WOOD	BASE: NONE	WALLS: GYPSUM BOARD	WALLS: GREENBOARD	WALLS: CERAMIC TILE	WALLS: PAINT	CEILING: ACOUSTIC TILE	CEILING: GYPSUM BOARD	CEILING: FRP BOARD	CEILING: OPEN	CEILING: TEXT. CONC.	CLG HT	REMARKS
400			●			●			●			●	●					8'-6"	
401			●			●			●			●	●					9'-0"	
402				●		●			●			●	●					9'-0"	
403					●	●				●	●	●	●					9'-0"	
404					●	●				●	●	●	●					9'-0"	
405			●			●			●			●	●					9'-0"	
406				●		●			●			●	●					9'-0"	
407				●		●			●			●	●					9'-0"	
408			●			●					●	●	●					9'-0"	
409	●							●				●				●		10'-4"	
410				●		●			●			●	●					9'-0"	
411				●		●			●			●	●					9'-0"	
412				●		●			●			●	●					9'-0"	
413				●		●			●			●	●					9'-0"	
414				●		●			●			●	●					9'-0"	
415				●		●			●			●	●					9'-0"	
416				●		●			●			●	●					9'-0"	
417				●		●			●			●	●					9'-0"	

UNDERCUT ALL DOORS 3/4" TO ALL FOR PROPER EXHAUST AIR FLOW

DOOR & HARDWARE SCHEDULE

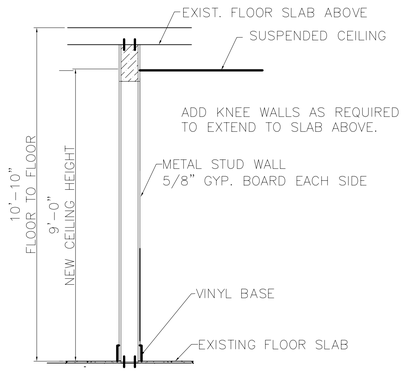
○ DOOR	TYPE: SOLID WOOD	TYPE: HOLLOW	TYPE: ALUM./GLASS	TYPE: STEEL	TYPE: MASONITE	FRAME: STEEL	FRAME: ALUMINUM	FRAME: WOOD	FRAME: CASED OPENING	HINGE: DOUBLE SWING	HINGE: BUTT 1 1/2 PR	HINGE: BURGLARPROOF	HINGE: SLIDING	LOCK: MAGNETIC	LOCK: DEADBOLT	LOCK: KEYED HANDLE	LOCK: PUSH PULL	ACCESSORIES: PANIC	ACCESSORIES: THRESHOLD	ACCESSORIES: WEATHERSTRIP	ACCESSORIES: DOOR STOP	ACCESSORIES: CLOSER	ACCESSORIES: WIRED GLASS	ACCESSORIES: VIEW GLASS	REMARKS
1	3/0x7/0																								EXISTING TO REMAIN –REFINISH
2	3/0x7/0	●					●				●					●					●	●		●	
3	(2)3/0x7/0																								EXISTING–REHANG AS REQUIRED FOR FIT
4	3/0x7/0	●					●				●					●					●	●			
5	3/0x7/0	●					●				●					●					●	●			1 HOUR RATED
6	3/0x7/0	●					●				●					●					●				

DOORS SHOWN WITH ▲ SHALL BE EQUIPPED WITH ELECTRIC STRIKE FOR CARD READER

WINDOW SCHEDULE

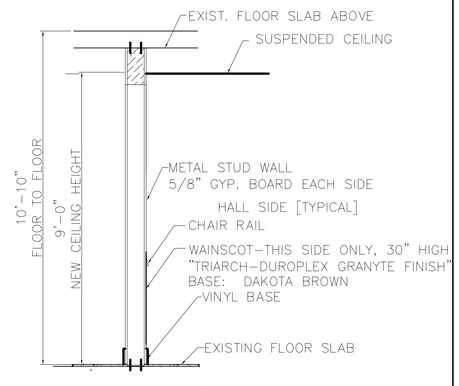
○ WINDOW	TYPE: FIXED	TYPE: VERTICAL SLIDE	TYPE: HORIZ SLIDE	TYPE: STORE FRONT	FRAME: STEEL	FRAME: ALUMINUM	FRAME: WOOD	GLASS: TINTED	GLASS: PLAIN	GLASS: GLAZED	GLASS: WIREGLASS	LITES: NONE	LITES: 2/2	LITES: 4/4	LITES: 5/6	LITES: 8/8	ACCESSORIES: ALARM	ACCESSORIES: SCREEN	ACCESSORIES: SHUTTER	ACCESSORIES: NONE	REMARKS
A *4/0x5/0	●					●						●								●	APPROXIMATELY 3,700 SQ. FT.

*FINAL SIZES TO BE DETERMINED BY VENDOR FROM FIELD MEASUREMENTS [TYP. ALL FLOORS]



SECTION B
NTS

TYPICAL ONLY WHERE WALL IS NOT 9 FT HIGH



SECTION A
NTS

TYPICAL ONLY WHERE WALL IS NOT 9 FT HIGH

REVISED: 11/05/07 ab
REVISED: 05/17/07
REVISED: 02/19/07
REVISED: 01/23/07

4TH FLOOR RENOVATE PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING, INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE:AS NOTED
FILE:
JOB NO. 1729
DATE:1-8-07
SHEET A-4
OF

LEGEND

NEW WALL —

NEW 1 HOUR – RATED WALL

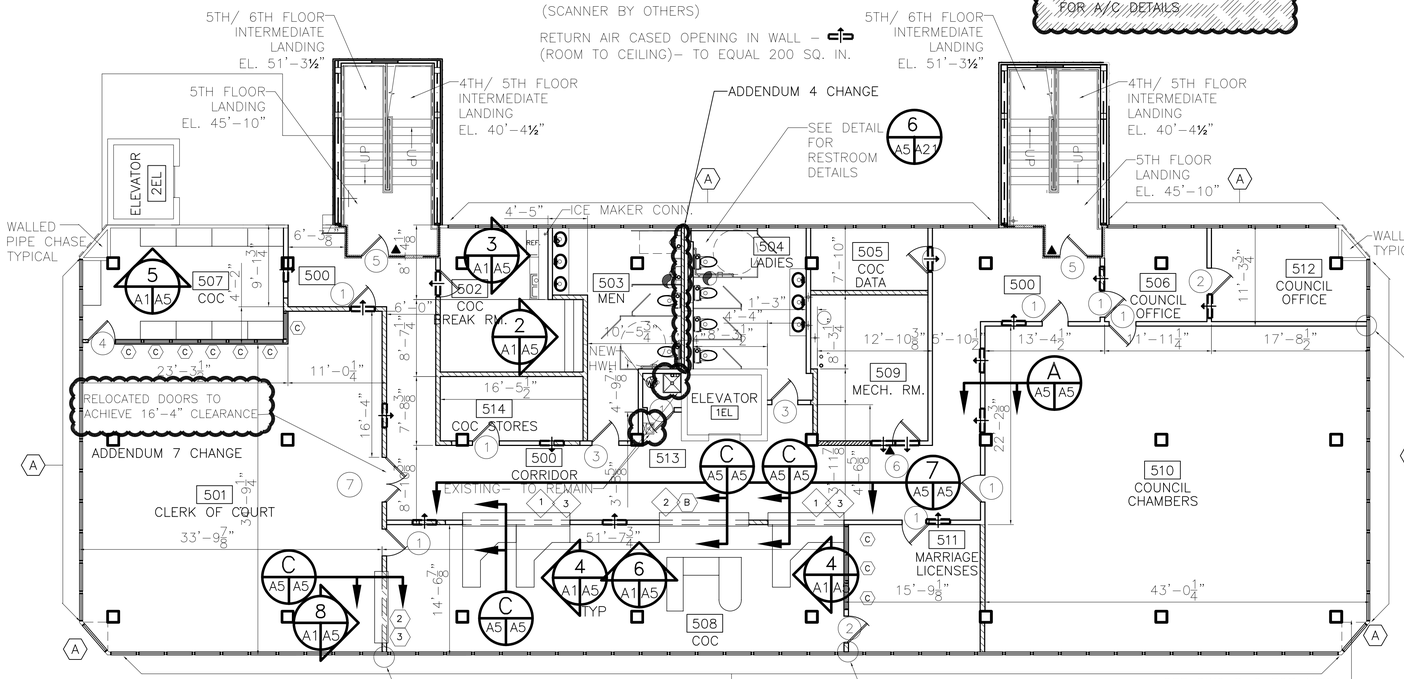
EXISTING WALL —

CURTAIN WALL —

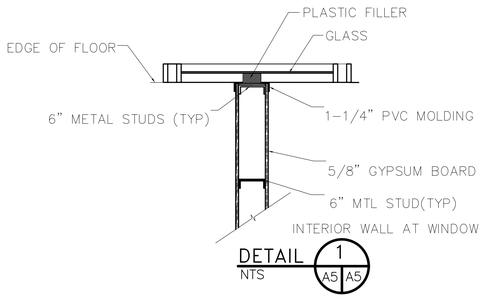
SECURITY ACCESS DOOR – (SCANNER BY OTHERS) ▲

RETURN AIR CASED OPENING IN WALL – (ROOM TO CEILING)– TO EQUAL 200 SQ. IN.

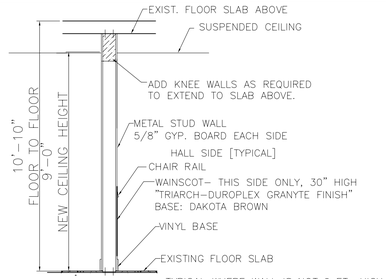
NOTE:
INSTALL DUCTWORK ENTRANCES AS REQUIRED. SEE DWG. M-5 FOR A/C DETAILS



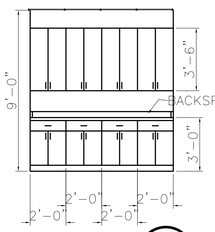
FIFTH FLOOR PLAN
SCALE: 1/8"= 1'-0"



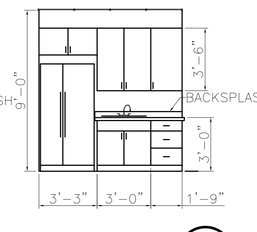
DETAIL 1 A5 A5
NTS



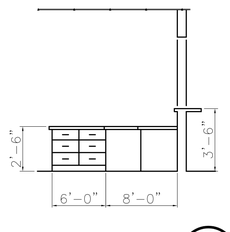
SECTION A A5 A5
NTS



DETAIL 2 A5 A5
SCALE: 1/4"= 1'-0"



DETAIL 3 A5 A5
SCALE: 1/4"= 1'-0"

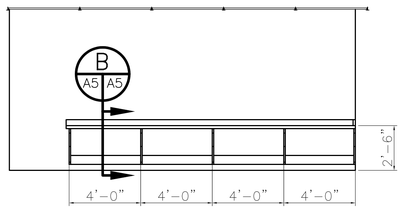


DETAIL 4 A5 A5
SCALE: 1/4"= 1'-0"

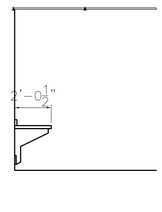
1 18" BAR TOP FINISHED AT 30" HIGH ABOVE 2 X 6 WALL. 5' HIGH X 8' WIDE SHEETROCK OPENING ABOVE.

2 18" BAR TOP FINISHED AT 36" HIGH ABOVE 2 X 6 WALL. 4'-6" HIGH X 8' WIDE SHEETROCK OPENING ABOVE.

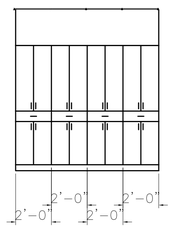
3 FIT OPENING WITH ELECTRIC OPERATED STAINLESS STEEL ROLL DOWN GRILLE (ALPINE MALL DAWN OR EQUIVALENT)



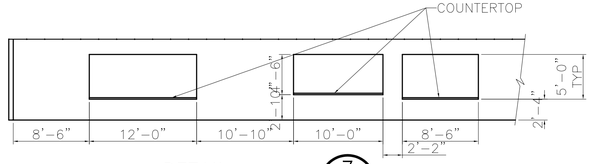
DETAIL 5 A5 A5
SCALE: 1/4"= 1'-0"



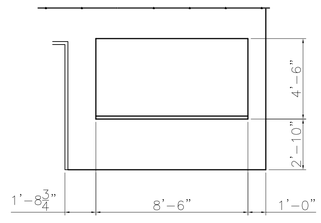
SECTION B A5 A5
SCALE: 1/4"= 1'-0"



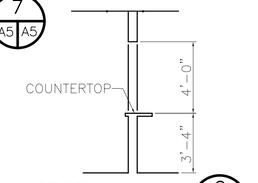
DETAIL 6 A5 A5
SCALE: 1/4"= 1'-0"



DETAIL 7 A5 A5
SCALE: 1/8"= 1'-0"



DETAIL 8 A5 A5
SCALE: 1/4"= 1'-0"



SECTION C A5 A5
SCALE: 1/4"= 1'-0"

MATERIAL FOR COUNTERS AND DESKS SHALL BE 3/4" PLYWOOD W/ LAMINATE COVER ON EXPOSED SIDE AND EDGES

NOTE:
KITCHEN CABINETS SHALL BE MEDIUM COMMERCIAL GRADE, FACTORY BUILT. COUNTER TOPS SHALL BE MANMADE MARBLE OR EQUAL.

ADDENDUM 6 CHANGE

FINISH SCHEDULE

ROOM	FLOOR: CONCRETE	FLOOR: VINYL TILE	FLOOR: CARPET	FLOOR: *CARPET	FLOOR: PAINTED WOOD	FLOOR: CERAMIC TILE	BASE: VINYL	BASE: WOOD	BASE: NONE	BASE: 30" WAINSCOT	WALLS: GYPSUM BOARD	WALLS: GREENBOARD	WALLS: PAINT	WALLS: CONCRETE	CEILING: ACOUSTIC TILE	CEILING: GYPSUM BOARD	CEILING: FRP BOARD	CEILING: OPEN	CEILING: TEXT. CONC.	CLG HT	REMARKS
500				●			●			●	●		●		●					8'-6"	CARPET & PAD
501			●				●				●		●		●					9'-0"	
502		●					●				●		●		●					9'-0"	
503						●	●					●	●		●					9'-0"	
504						●	●					●	●		●					9'-0"	
505			●				●				●		●		●					9'-0"	
506			●				●				●		●		●					9'-0"	
507		●					●				●		●		●					9'-0"	
508			●				●				●		●		●					9'-0"	
509	●								●				●					●		10'-6"	
510			●				●				●		●		●					9'-0"	
511			●				●				●		●		●					9'-0"	
512			●				●				●		●		●					9'-0"	
513		●					●					●	●		●					9'-0"	
514		●					●					●	●		●					9'-0"	

*PEEL & STICK CUSHION BACK CARPET

CARPET SHALL HAVE CUSHION BACK

ROOMS 500,501,507,508

UNDERCUT ALL DOORS 3/4" TO ALL FOR PROPER EXHAUST AIR FLOW

DOOR & HARDWARE SCHEDULE

○ DOOR	TYPE: SOLID WOOD	TYPE: HOLLOW	TYPE: ALUM./GLASS	TYPE: STEEL	TYPE: MASONITE	FRAME: STEEL	FRAME: ALUMINUM	FRAME: WOOD	FRAME: CASED OPENING	HINGE: DBL. SWING	HINGE: BUTT 1 1/2 PR	HINGE: BURGLARPROOF	HINGE: SLIDING	LOCK: MAGNETIC	LOCK: PRIVACY	LOCK: DEADBOLT	LOCK: KEYED HANDLE	LOCK: PUSH PULL	ACCESSORIES: PANIC	ACCESSORIES: THRESHOLD	ACCESSORIES: WEATHERSTRIP	ACCESSORIES: DOOR STOP	ACCESSORIES: CLOSER	ACCESSORIES: WIRED GLASS	ACCESSORIES: GLASS LIGHT	REMARKS
1	3/0x7/0	●				●					●						●						●		●	STAIN & VARNISH
2	3/0x7/0	●				●					●						●						●			
3	3/0x7/0	●				●					●						●									
4	3/0x7/0			●			●				●						●						●			HALF GLASS
5	3/0x7/0	●				●					●						●						●			1 HOUR RATED
6	3/0x7/0	●				●					●						●						●			
7	3/0x7/0 & 2/0x7/0			●			●				●						●									

DOORS SHOWN WITH ▲ SHALL BE EQUIPPED WITH ELECTRIC STRIKE FOR CARD READER

WINDOW SCHEDULE

○ WINDOW	TYPE: FIXED	TYPE: VERTICAL SLIDE	TYPE: HORIZONAL SLIDE	TYPE: STORE FRONT	FRAME: STEEL	FRAME: ALUMINUM	FRAME: WOOD	GLASS: TINTED	GLASS: PLAIN	GLASS: GLAZED	GLASS: WIREGLASS	LITES: NONE	LITES: 2/2	LITES: 4/4	LITES: 6/6	LITES: 8/8	ACCESSORIES: ALARM	ACCESSORIES: SCREEN	ACCESSORIES: SHUTTER	ACCESSORIES: LOCK	ACCESSORIES: VENETIAN BLINDS	REMARKS
A	4/0x5/0 ✳	●				●		●				●										APPROXIMATELY 3,700 SQ. FT.
B	10/0x4/0		●			●			●			●								●		SLIDING SERVICE WINDOW
C	3/0X4/0	●				●			●			●									●	

✳ FINAL SIZES TO BE DETERMINED BY VENDOR FROM FIELD MEASUREMENTS [TYP. ALL FLOORS]

= ADDENDUM 4 CHANGE = 09/19/07 CHANGE

REVISED: 03/18/09cd
REVISED: 11/05/07ab
REVISED: 10/10/07ab
REVISED: 09/19/07ab
ADDENDUM REVISED: 08/20/07ab
REVISED: 05/17/07ab
REVISED: 02/19/07
REVISED: 01/23/07

5TH FLOOR RENOVATE PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING, INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE:AS NOTED

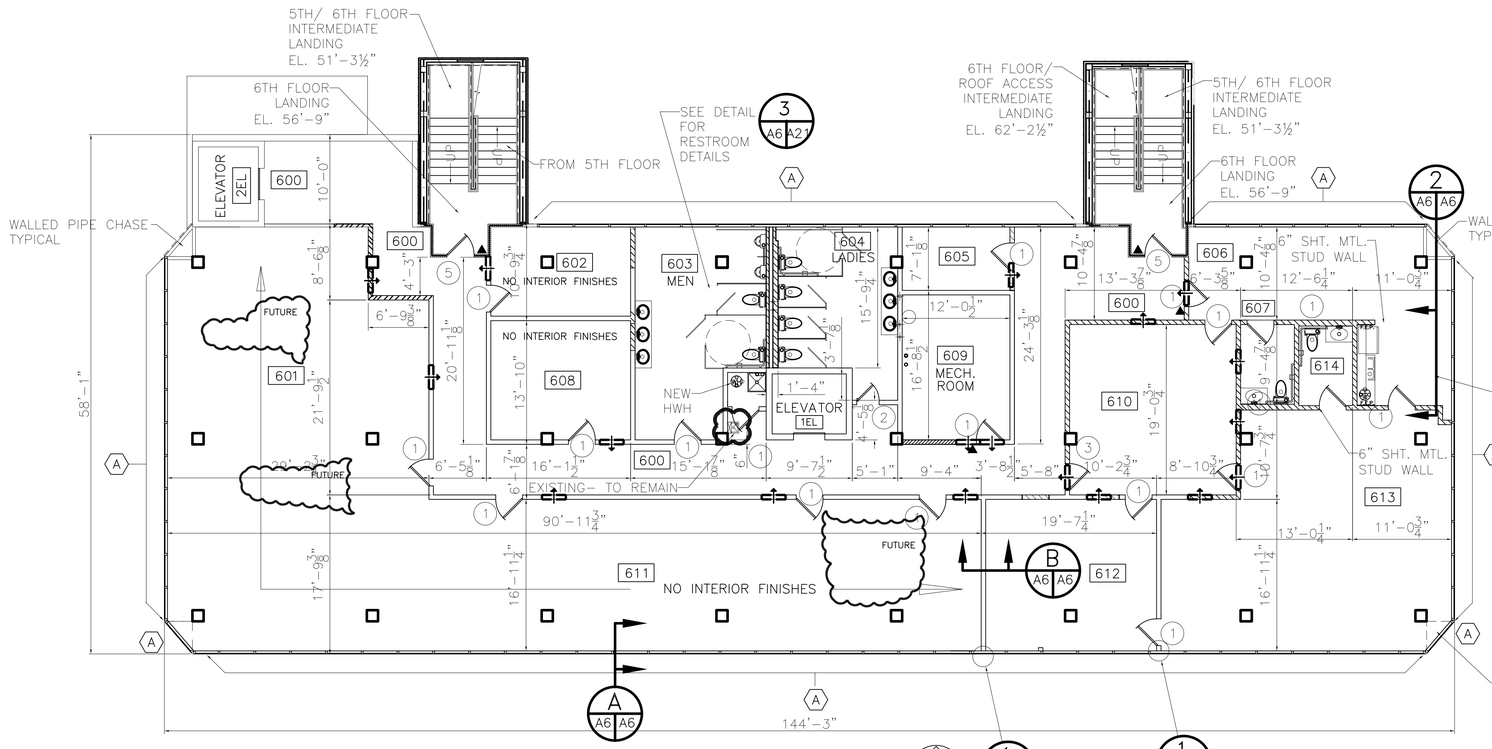
FILE:

JOB NO. 1729

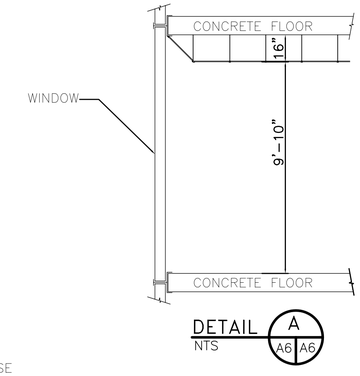
DATE:1-9-07

SHEET A-5 OF

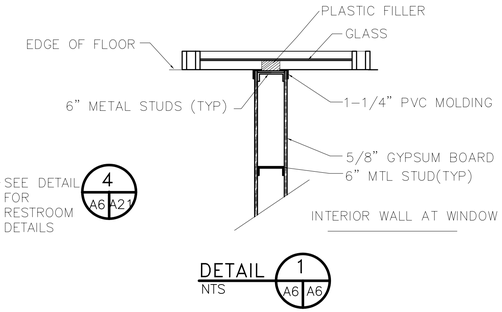
CONTRACT SET- 10/10/07



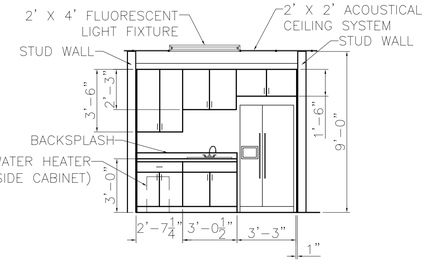
SIXTH FLOOR PLAN
SCALE: 1/8"= 1'-0"



DETAIL A NTS (A6 A6)



DETAIL 1 NTS (A6 A6)



REFRIGERATOR BY OTHERS

DETAIL 2 SCALE: 1/4" = 1'-0" (A6 A6)

ADDENDUM 6 CHANGE

NOTE:
KITCHEN CABINETS SHALL BE MEDIUM COMMERCIAL GRADE, FACTORY BUILT. COUNTER TOPS SHALL BE MANMADE MARBLE OR EQUAL.

NOTE:
INSTALL DUCTWORK ENTRANCES AS REQUIRED. SEE DWG. M-6 FOR A/C DETAILS

FINISH SCHEDULE

ROOM	FLOOR: CONCRETE	FLOOR: VINYL TILE	FLOOR: CARPET	FLOOR: CERAMIC TILE	FLOOR: PAINTED WOOD	BASE: CERAMIC TILE	BASE: VINYL	BASE: WOOD	BASE: NONE	WALLS: CERAMIC TILE	WALLS: GYPSUM BOARD	WALLS: GREENBOARD	WALLS: PAINT	CEILING: CONCRETE	CEILING: ACOUSTIC TILE	CEILING: GYPSUM BOARD	CEILING: FRP BOARD	CEILING: OPEN	CEILING: TEXT. CONC.	CLG HT	REMARKS
600		●					●				●		●		●					8'-6"	
601	●								●		●							●		9'-0"	
602			●						●		●		●					●		9'-0"	
603				●						●		●	●		●					9'-0"	
604				●						●		●	●		●					9'-0"	
605		●							●									●		9'-0"	
606			●				●				●		●		●					9'-0"	*
607																				9'-0"	
608		●							●									●		9'-0"	
609	●								●									●		10'-6"	
610			●				●				●		●		●					9'-0"	
611	●								●									●		9'-0"	
612			●				●				●		●		●					9'-0"	
613			●				●				●		●		●					9'-0"	*
614				●		●				●		●	●		●					9'-0"	*
615				●		●				●		●	●		●					9'-0"	*

*SEE SPEC FOR ALLOWANCE FOR INTERIOR DECORATING
UNDERCUT ALL DOORS 3/4" TO ALL FOR PROPER EXHAUST AIR FLOW

DOOR & HARDWARE SCHEDULE

DOOR		TYPE: SOLID WOOD	TYPE: HOLLOW METAL	TYPE: ALUM./GLASS	TYPE: STEEL	TYPE: MASONITE	FRAME: STEEL	FRAME: ALUMINUM	FRAME: WOOD	FRAME: CASED OPENING	HINGE: DOUBLE SWING	HINGE: BUTT 1 1/2 PR	HINGE: BURGLARPROOF	HINGE: SLIDING	LOCK: PRIVACY	LOCK: DEADBOLT	LOCK: KEYED HANDLE	LOCK: PUSH PULL	ACCESSORIES: PANIC	ACCESSORIES: THRESHOLD	ACCESSORIES: WEATHERSTRIP	ACCESSORIES: DOOR STOP	ACCESSORIES: ALARM	ACCESSORIES: VIEW GLASS	ACCESSORIES: CLOSER	REMARKS
1	3/0x7/0	●					●					●					●					●				
2	3/0x7/0	●					●					●					●					●				
3	3/0x7/0	●					●					●					●					●				
4	3/0x7/0				●		●					●					●					●				
5	3/0x7/0	●					●					●					●					●				1 HOUR RATED

DOORS SHOWN WITH ▲ SHALL BE EQUIPPED WITH ELECTRIC STRIKE FOR CARD READER

WINDOW SCHEDULE

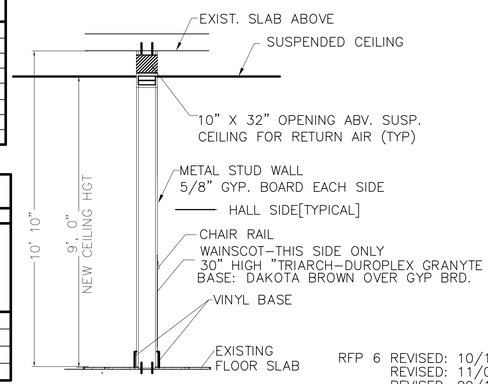
WINDOW		TYPE: FIXED	TYPE: VERTICAL SLIDE	TYPE: HORIZONAL SLIDE	TYPE: STORE FRONT	FRAME: STEEL	FRAME: ALUMINUM	FRAME: WOOD	GLASS: TINTED	GLASS: PLAIN	GLASS: GLAZED	GLASS: WIREGLASS	LITES: NONE	LITES: 2/2	LITES: 4/4	LITES: 6/6	LITES: 8/8	ACCESSORIES: ALARM	ACCESSORIES: SCREEN	ACCESSORIES: SHUTTER	ACCESSORIES: NONE	REMARKS
A	*4/0x5/0	●					●		●				●									APPROXIMATELY 3,700 SQ. FT.

*FINAL SIZES TO BE DETERMINED BY VENDOR FROM FIELD MEASUREMENTS [TYP. ALL FLOORS]

= ADDENDUM 4 CHANGE = 09/19/07 CHANGE

LEGEND

NEW WALL —
NEW 1 HOUR RATED WALL —
EXISTING WALL —
CURTAIN WALL —
SECURITY ACCESS DOOR – ▲ (SCANNER BY OTHERS)
RETURN AIR CASED OPENING IN WALL – (ROOM TO CEILING)– TO EQUAL 200 SQ. IN.



SECTION B NTS (A6 A6)

RFP 6 REVISED: 10/17/08ab
REVISED: 11/05/07ab
REVISED: 09/19/07ab
ADDENDUM 4 REVISED: 08/20/07ab
REVISED: 05/17/07ab
REVISED: 04/09/07
REVISED: 02/19/07
REVISED: 01/22/07

CONTRACT SET- 10/10/07

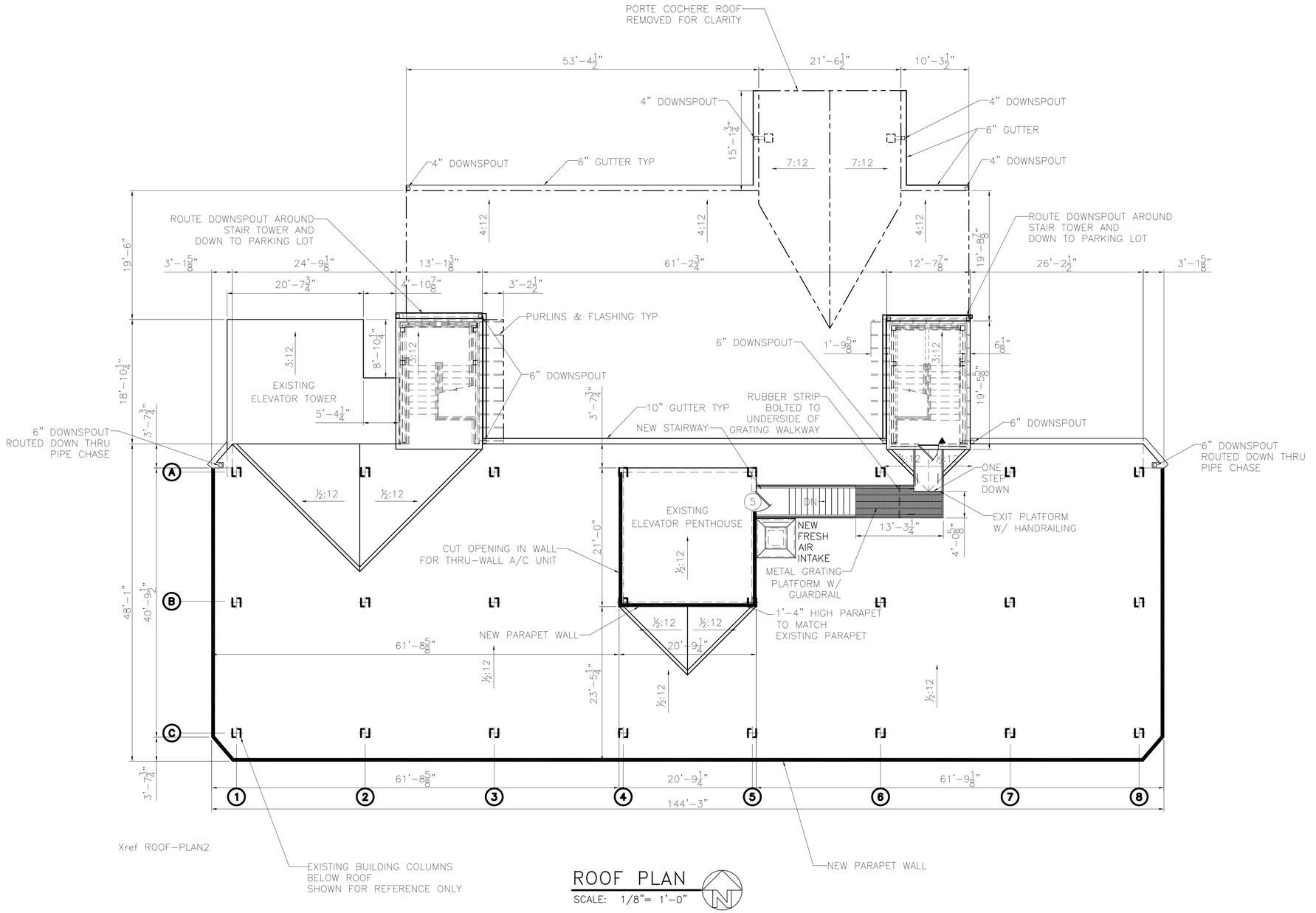
6TH FLOOR RENOVATE PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING, INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE:AS NOTED
FILE:
JOB NO. 1729
DATE:1-8-07
SHEET A-6
OF



Xref ROOF-PLAN2

EXISTING BUILDING COLUMNS
BELOW ROOF
SHOWN FOR REFERENCE ONLY

NEW PARAPET WALL

ROOF PLAN

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

SEE DRAWINGS S-5 & S-6 FOR
NEW METAL ROOF DETAILS.

HVAC REVISED: 11/05/07 ab
REVISED: 05/17/07 ab
REVISED: 05/07/07 ab
REVISED: 03/01/07 ab
REVISED: 02/28/07
REVISED: 02/19/07

CONTRACT SET- 10/10/07

ROOF RENOVATION PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
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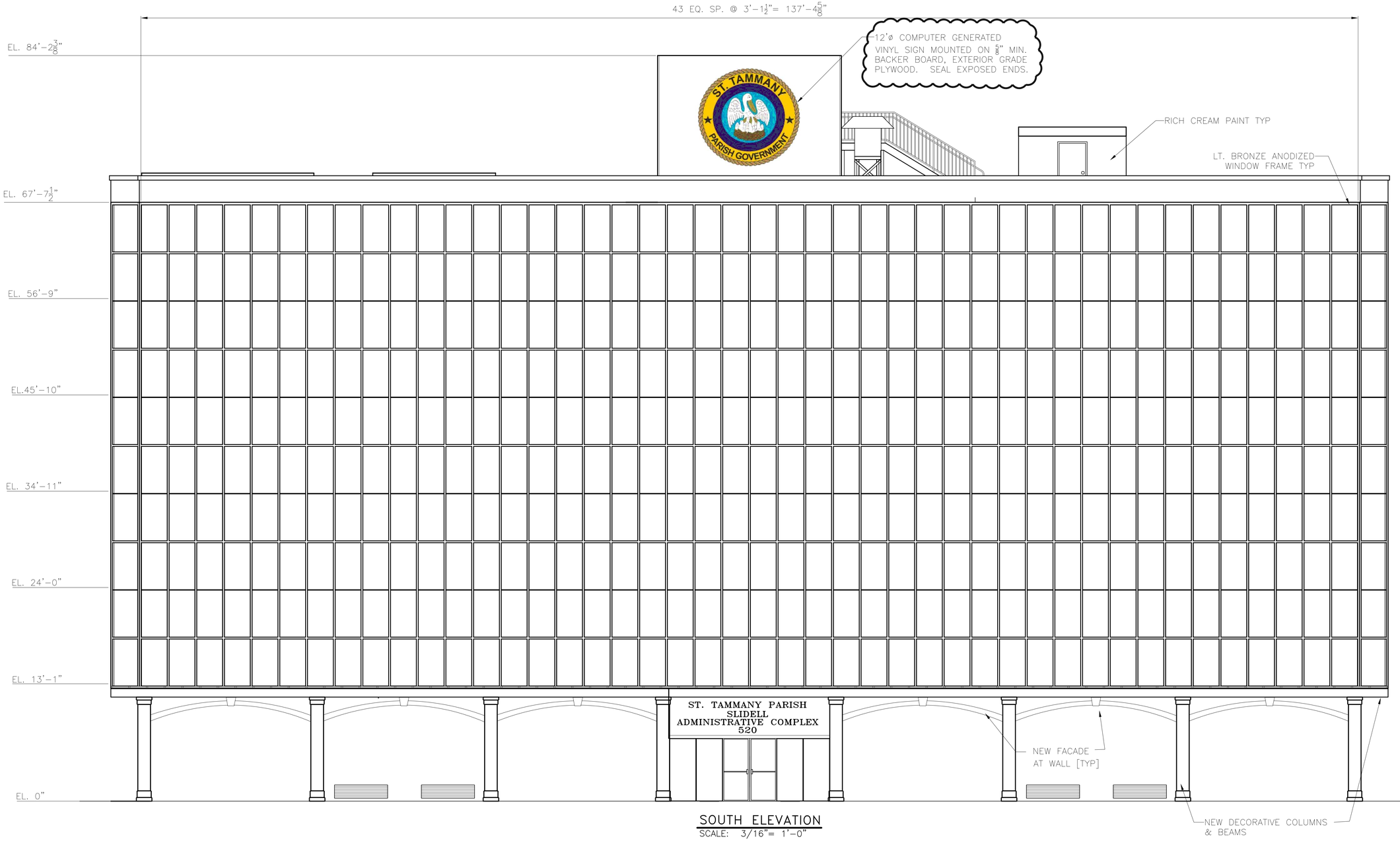
SCALE:AS NOTED
FILE:
JOB NO. 1729
DATE:1-8-07
SHEET
A-7
OF



SOUTH ELEVATION
SCALE: 3/16"= 1'-0"

= ADDENDUM 2 CHANGE

REVISED: 05/17/07ab
REVISED: 05/07/07ab
REVISED: 03/07/07ab
REVISED: 02/19/07

CONTRACT SET- 10/10/07

SOUTH ELEVATION

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

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SCALE:AS NOTED
FILE:
JOB NO. 1729
DATE:1-8-07
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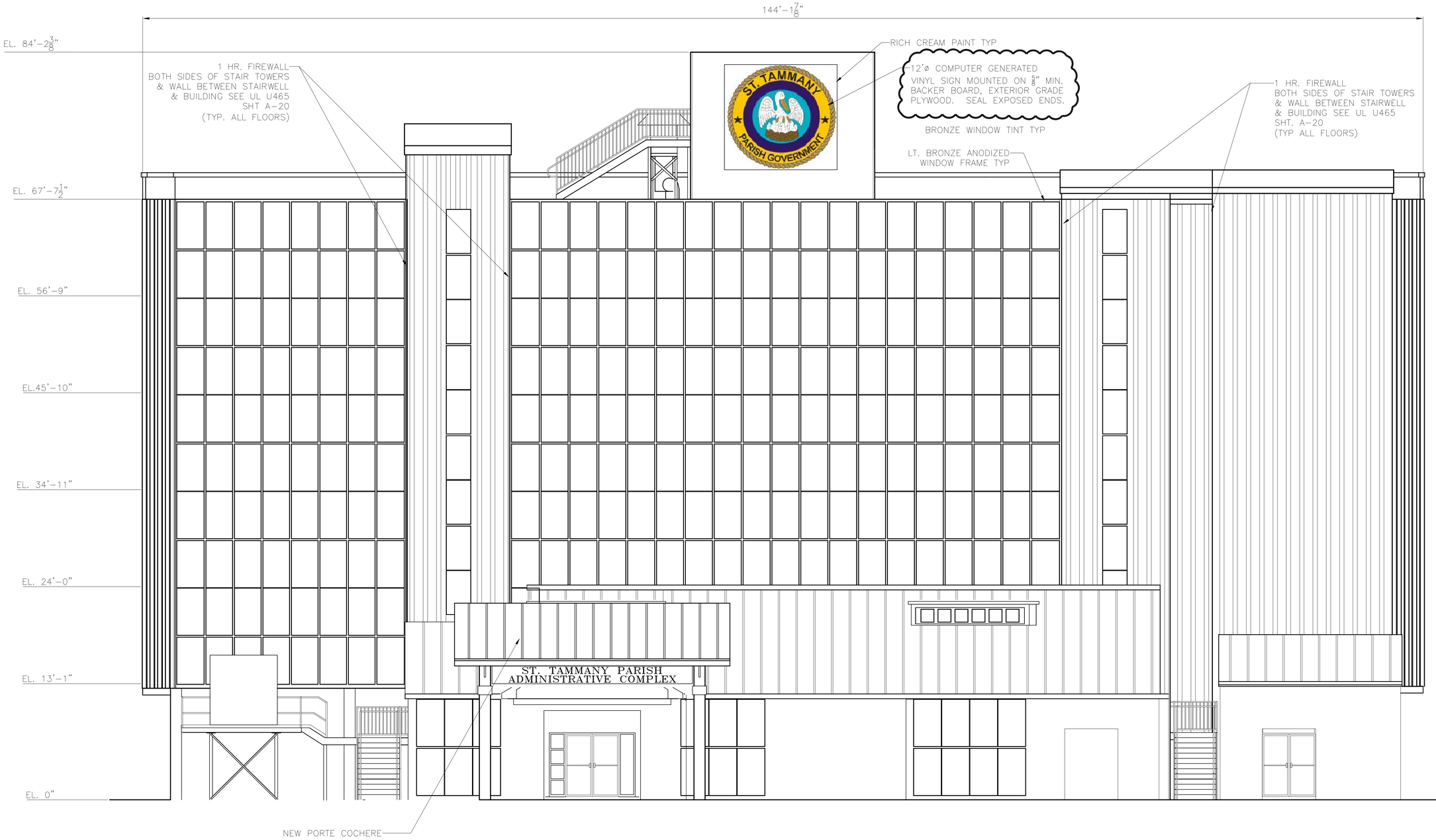
OF



NORTH ELEVATION
SCALE: 3/16"= 1'-0"

= ADDENDUM 2 CHANGE

REVISED: 05/17/07ab
REVISED: 05/07/07ab
REVISED: 03/07/07ab
REVISED: 02/19/07

CONTRACT SET- 10/10/07

NORTH ELEVATION

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
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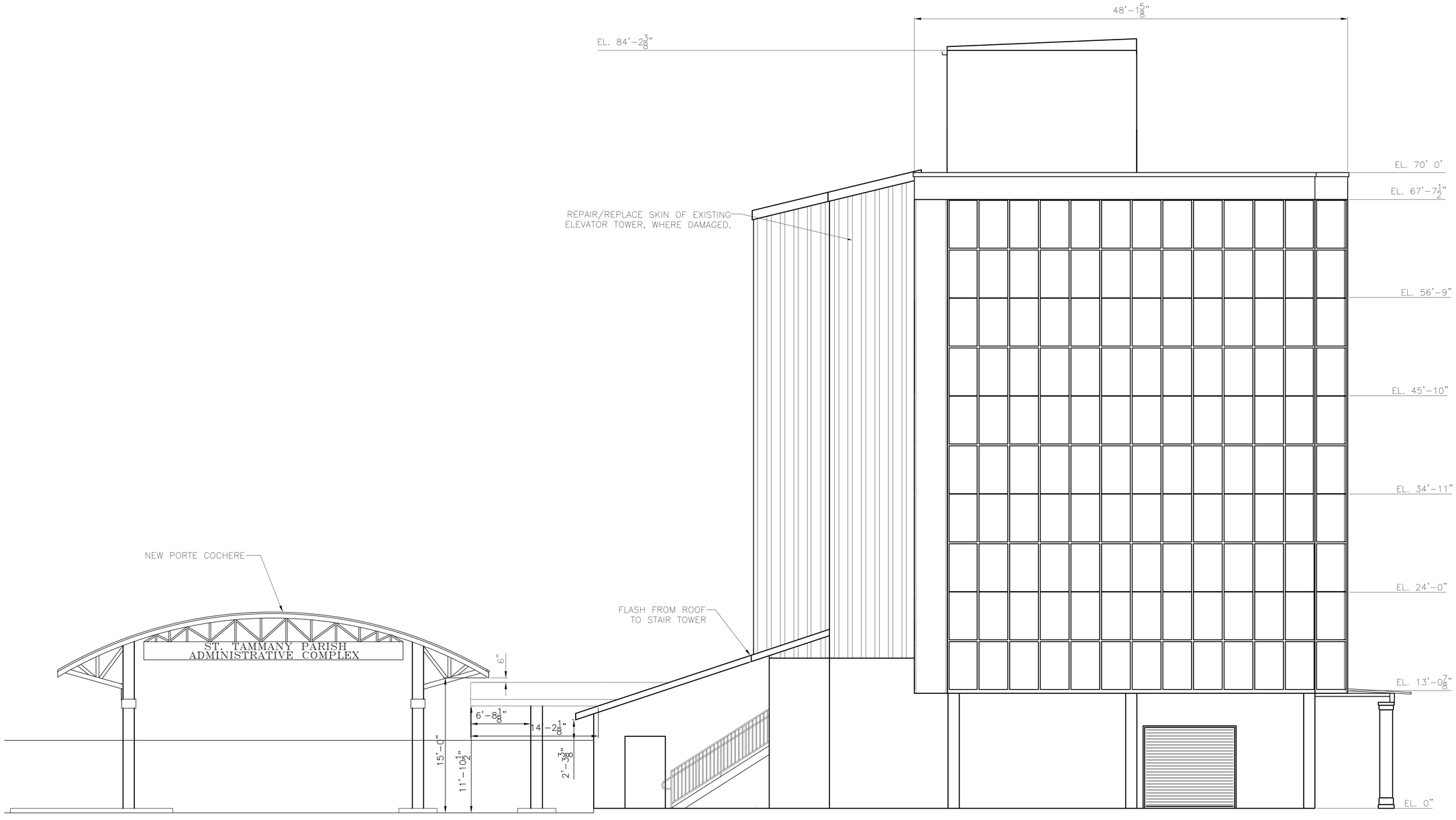
SCALE:AS NOTED
FILE:
JOB NO. 1729
DATE:1-18-07
SHEET
A-9
OF



WEST ELEVATION
SCALE: 3/16"= 1'-0"

REVISED: 05/17/07ab

CONTRACT SET- 10/10/07

WEST ELEVATION

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
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SCALE:AS NOTED
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JOB NO. 1729
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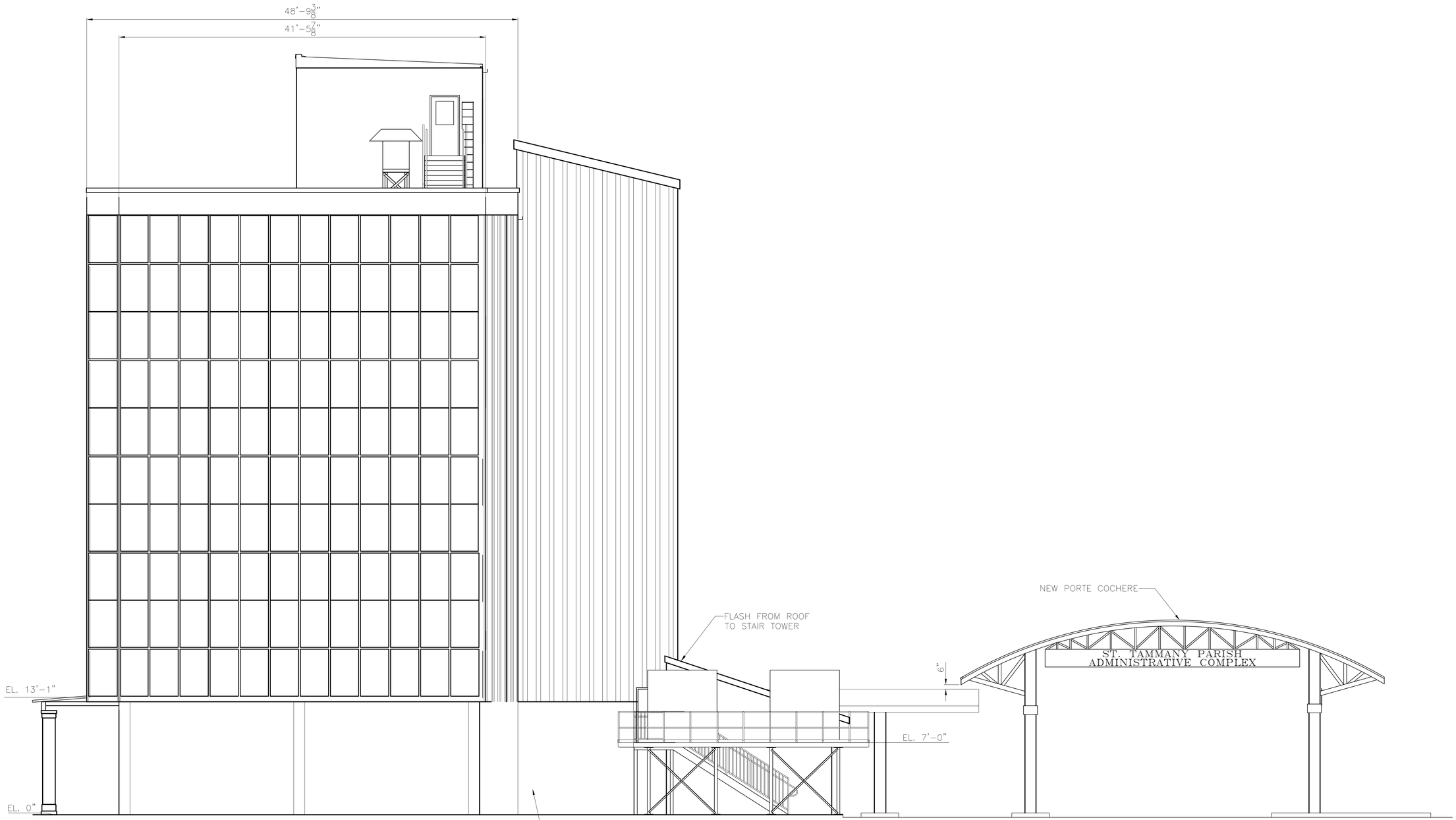

EAST ELEVATION

SCALE: 3/16"= 1'-0"

REVISED: 05/17/07ab
REVISED: 05/07/07ab
REVISED: 03/07/07ab

CONTRACT SET- 10/10/07

EAST ELEVATION

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
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SCALE:AS NOTED
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JOB NO. 1729
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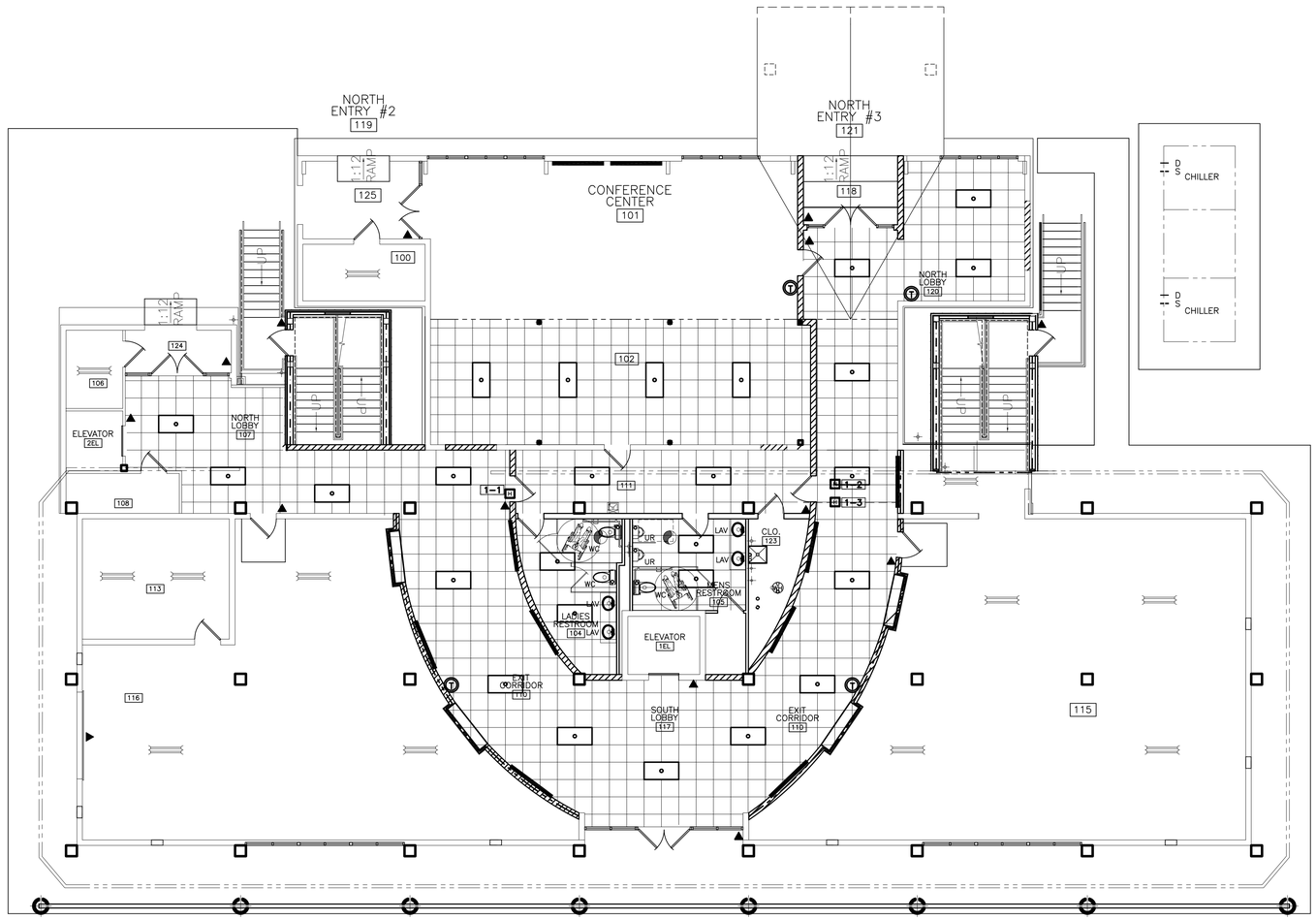

FIRST FLOOR REFLECTED CEILING PLAN

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

REVISED: 03/07/07

CONTRACT SET- 10/10/07

1ST FLOOR REFL. CLG. PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING, INC.
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SCALE:AS NOTED

FILE:

JOB NO. 1729

DATE:12-22-08

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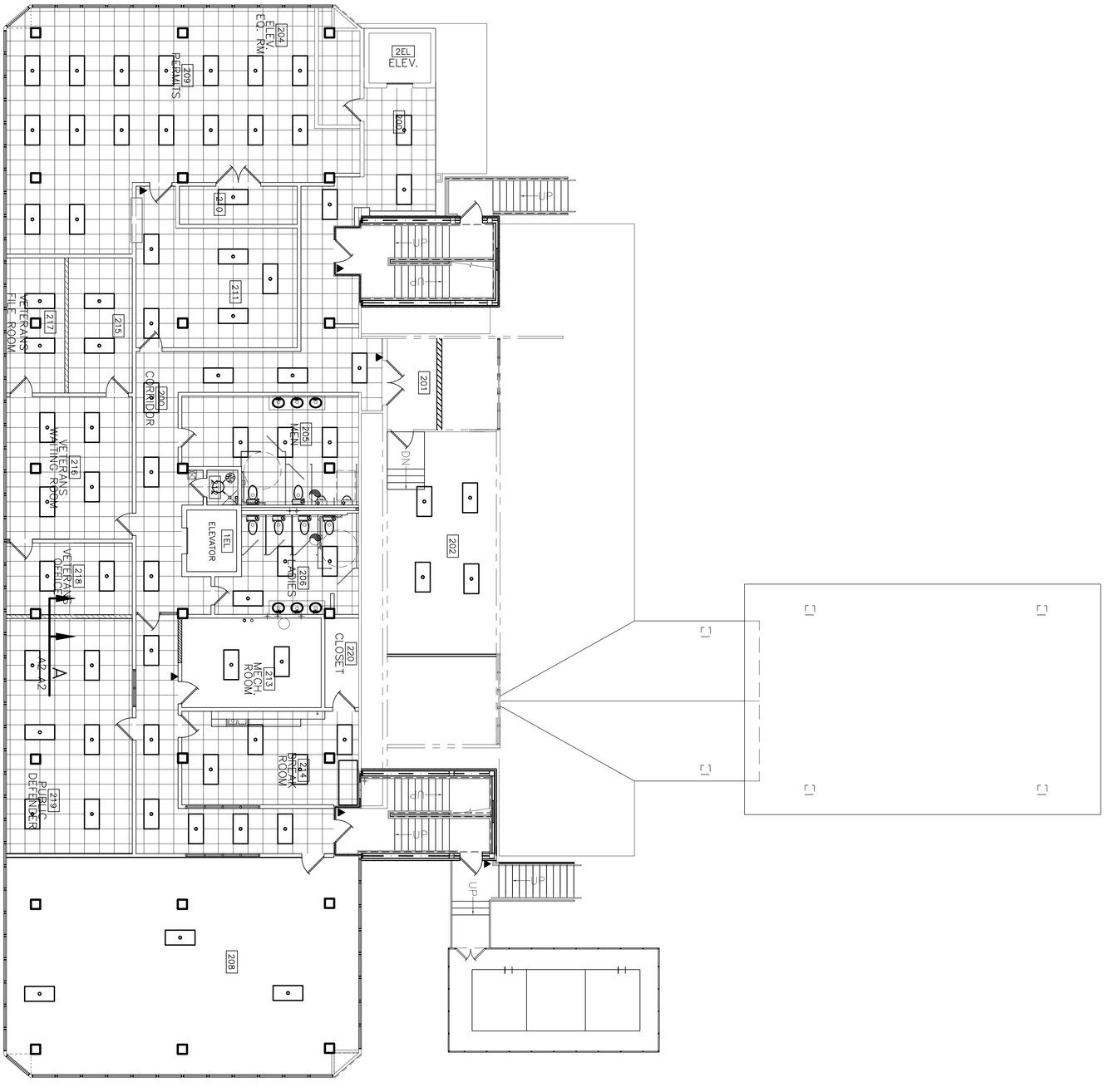

SECOND FLOOR REFLECTED CEILING PLAN

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

N

CONTRACT SET- 10/10/07

REVISED: 05/21/07ab
REVISED: 03/07/07ab

SHEET A.13 OF

DATE:1-8-07

JOB NO. 1729

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SCALE:AS NOTED

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING. INC.

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DAMMONENGINEERING.COM

2ND FLOOR REFL. CLG. PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

THIRD FLOOR REFLECTED CEILING PLAN

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

RENOVATE OFFICE BUILDING

3RD FLOOR RENOVATE PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

DAMMON ENGINEERING. INC.
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FILE:

JOB NO. 1729

DATE:1-8-07

SHEET
A.14
OF

CONTRACT SET- 10/10/07

FOURTH FLOOR REFLECTED CEILING PLAN

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

4TH FLOOR REFL. CLG. PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING, INC.
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JOB NO. 1729

DATE:1-8-07

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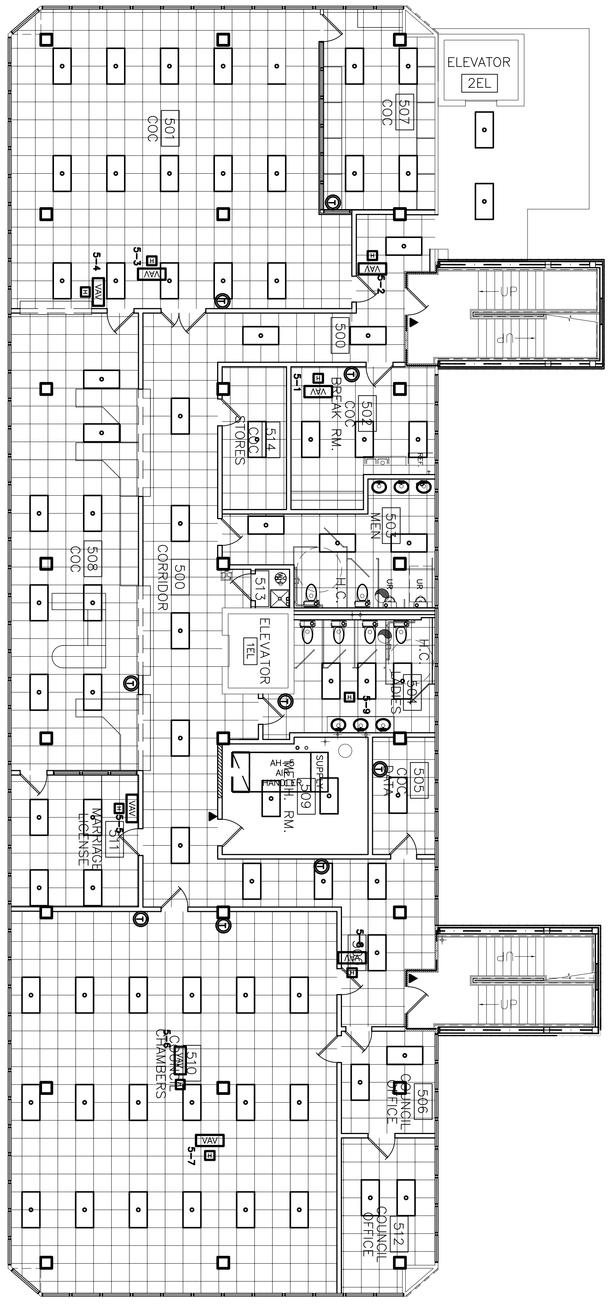
CONTRACT SET- 10/10/07



FIFTH FLOOR REFLECTED CEILING PLAN

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

CONTRACT SET- 10/10/07

SHEET A.16 OF	DATE:1-8-07	JOB NO.	FILE:	SCALE:AS NOTED		RENOVATE OFFICE BUILDING	5TH FLOOR REFL. CLG. PLAN

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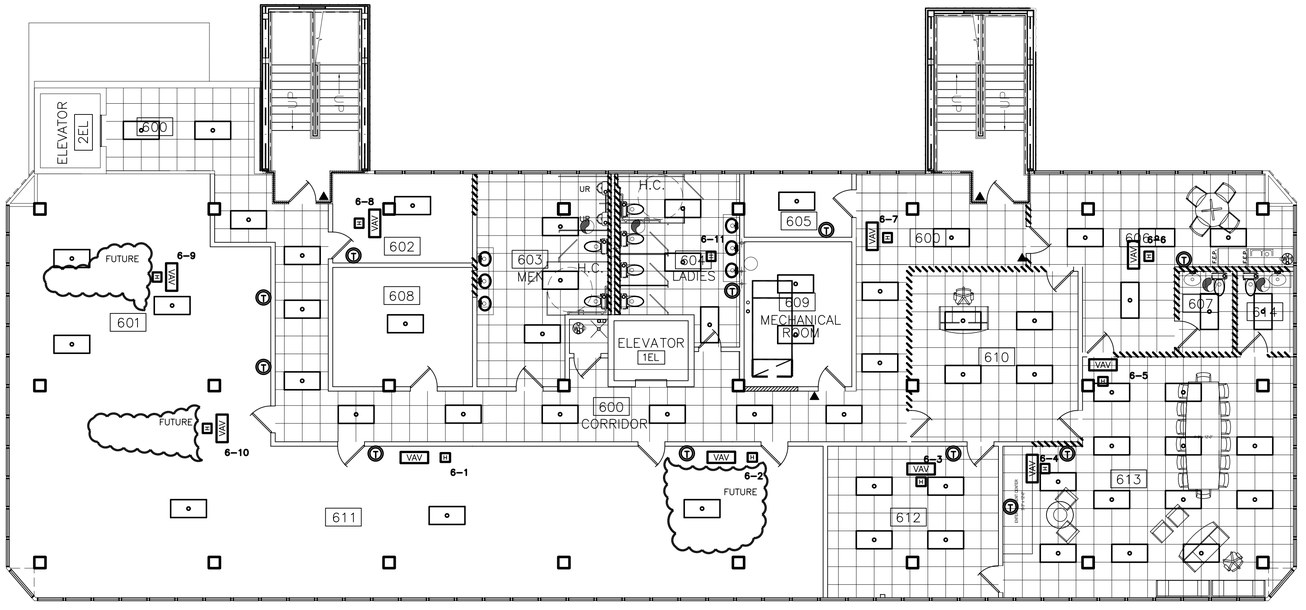
ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA



SIXTH FLOOR REFLECTED CEILING PLAN

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

6TH FLOOR REFL. CLG. PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING, INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
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FILE:

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DATE:1-8-07

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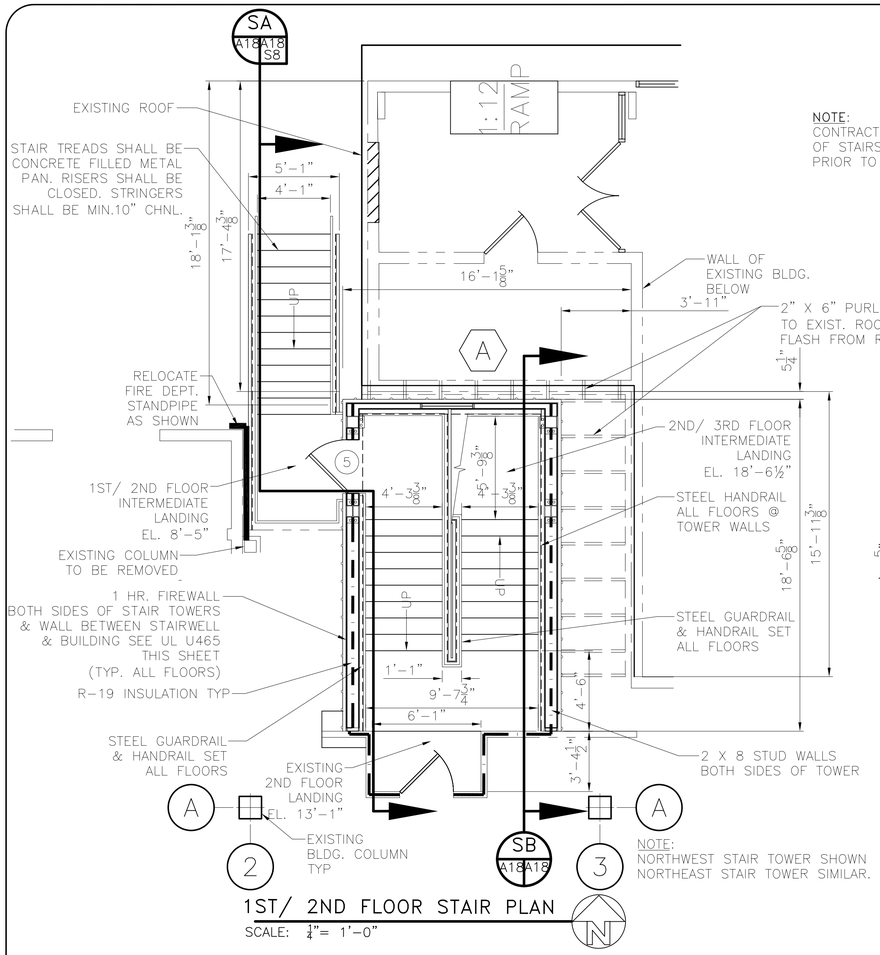
OF

CONTRACT SET- 10/10/07



WINDOW SCHEDULE

	WINDOW	TYPE: FIXED	TYPE: VERTICAL SLIDE	TYPE: HORIZONAL SLIDE	TYPE: STORE FRONT	FRAME: STEEL	FRAME: ALUMINUM	FRAME: WOOD	GLASS: TINTED	GLASS: PLAIN	GLASS: GLAZED	GLASS: WIREGLASS	LITES: NONE	LITES: 2/2	LITES: 4/4	LITES: 6/6	LITES: 8/8	ACCESSORIES: ALARM	ACCESSORIES: SCREEN	ACCESSORIES: SHUTTER	ACCESSORIES: NONE	REMARKS
A	3/1x5/0	●					●		●				●								●	FULL HEIGHT WINDOW
B																						
C																						
D																						

DOOR & HARDWARE SCHEDULE

	DOOR	TYPE: SOLID WOOD	TYPE: HOLLOW	TYPE: ALUMINUM/GLASS	TYPE: STEEL	TYPE: MASONITE	FRAME: STEEL	FRAME: ALUMINUM	FRAME: WOOD	FRAME: CASED OPENING	HINGE: DOUBLE SWING	HINGE: BUTT	HINGE: MAGNETIC	HINGE: SLIDING	LOCK: PASSAGE	LOCK: PRIVACY	LOCK: DEADBOLT	LOCK: KEYED HANDLE	LOCK: PUSH PULL	ACCESSORIES: PANIC	ACCESSORIES: THRESHOLD	ACCESSORIES: WEATHERSTRIP	ACCESSORIES: DOOR STOP	ACCESSORIES: ALARM	ACCESSORIES: WIRE GLASS	ACCESSORIES: GLASS WINDOW	REMARKS
1	3/0x7/0																										
2	3/0x7/0																										
3	3/0x7/0																										
4	3/0x7/0																										
5	(2) 3/0x7/0	●					●				●						●	●							●		EXTERIOR DOOR, 1 1/2HR RATING
6	3/0x7/0																										
7	(2) 3/0x7/0																										
8	3/0x4/0																										

FINISH SCHEDULE

ROOM	FLOOR: CONCRETE	FLOOR: VINYL TILE	FLOOR: CARPET	FLOOR: CERAMIC TILE	FLOOR: PAINTED WOOD	BASE: VINYL	BASE: WOOD	BASE: NONE	WALLS: GYPSUM BOARD	WALLS: GREENBOARD	WALLS: CMU	WALLS: CONCRETE	CEILING: ACOUSTIC TILE	CEILING: GYPSUM BOARD	CEILING: FRP BOARD	CEILING: OPEN	CEILING: TEXT. CONC.	CLG HT	REMARKS
NORTHWEST STAIR TOWER	●					●			●				●					VARIES	
NORTHEAST STAIR TOWER	●					●			●				●					VARIES	

CONTRACT SET- 10/10/07

STAIR TOWER PLAN & DETAILS

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

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1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
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SCALE:AS NOTED
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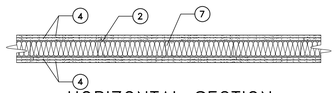
OF

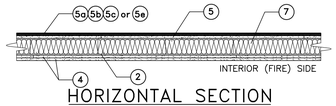
FIRE-RATED WALL DETAIL

NTS

INTERIOR WALL



HORIZONTAL SECTION
EXTERIOR WALL



HORIZONTAL SECTION

UL DESIGN NO. U425

(For Exterior Walls, Ratings Applicable

For Exposure To Fire On Interior Face Only
(See Items 4 and 5)
Bearing Wall Rating- 45 Min., 1, 1½ or 2 Hr.
(See Items 2 and 4)

(1) **STEEL FLOOR AND CEILING TRACKS**-- (Not shown)- Top and bottom tracks of wall assemblies shall consist of steel members, min. No. 20 MSG (0.0329 in. min. bare metal thickness) steel or min. No. 20 GSG(0.036 in. thick) galv. steel or No. 20 MSG (0.033 in. thick) primed steel that probede a sound structural connection betwee steel studs, and to adjacent assemblies with steel fasteners spaced not greater than 24 in. O.C.

(2) **STEEL STUDS**-- Corrosion protected steel studs, min. No. 20 MSG (0.0329 in. min. bare metal thickness) steel or min. 3½ in. wide, min. primed steel, cold formed, shall be designed in accordance with the current edition of the Specification for the Design of Cold-Formed Steel Structural Members by the American Iron and Steel Institute. All design detains enhancing the structural integrtiy of the wall assembly, including the axial design load of the studs, shall be as specified by the steel stud designer and/ or producer, and shall meet the requirements of all applicable local code agencies. The max. stud spacing of wall assemblies shall not exceed 24 in. O.C. (or 16 in. O.C.- See Item 5C). Studs attached to floor and ceiling tracks with ½ in. long Type S-12 steel screws on both sides of studs or by welded or bolted connections designed in accordance with the AISI specifications.

(3) **LATERAL SUPPORT MEMBERS**--(Not shown)- Where required for lateral support of studs, support may be provided by means of steel straps, channels or other similar means as specified in the design of a particular steel stud wall system.

(4) **GYPSUM BOARD***-- Gypsum wallboard bearing the ULI Classification Marking as to Fire Resistance. Applied vertically with joints between layers staggered. Outer layer of 3 layer construction may be applied horizontally. The thickness and number of layers and percent of design load for the 45 min., 1 hr., 1½ hr. and 2 hr. ratings are as follows:

INTERIOR WALLS		% OF
RATING	WALLBOARD PROTECTION BOTH SIDES OF WALL- NO OF LAYERS & THKNS OF BOARD IN EACH LAYERS	DESIGN LOAD
45 Min.	*1 layer, ½ in. thick	100
1 hr.	*1 layer, ⅝ in. thick	100
1½ hr.	*2 layers, ½ in. thick	100
2 hr.	*2 layers, ⅝ in. thick or	80
	*3 layers, ½ in. thick	100
	*2 layers, ¾ in. thick	100

*Ratings applicable to assemblies serving as exterior walls where Classified fire resistive gypsum sheathing type wallboard is substituted on the exterior face.

EXTERIOR WALLS		
RATING	WALLBOARD PROTECTION ON INTERIOR SIDE OF WALL- NO. OF LAYERS & THKNS OF BOARD IN, EACH LAYERS	% OF DESIGN LOAD
45 min.	*1 layer, ⅝ in. thick	100
1 hr.	*2 layers, ½ in. thick	100
1½ hr.	*2 layers, ⅝ in. thick	100
2 hr	*3 layers, ½ in. thick	100
	*2 layers, ¾ in. thick	100

SEE GYPSUM BOARD (CKNX) CATEGORY- for names of Classified Companies of ½ in. or ⅝ in. thick wallboard. See below for Classified Company of ¾ thick wallboard.

CANADIAN GYPSUM COMPANY- Type IP-X3, ULTRACODE, ULTRACODE SHC or ULTRACODE WRC.
UNITED STATES GYPSUM CO.- Type IP-X3, ULTRACODE, ULTRACODE SHC or ULTRACODE WRC.
USG MEXICO S A DE C V- Type IP-X3, ULTRACODE, ULTRACODE SHC, or ULTRACODE WRC.

(4a) **GYPSUM BOARD***-- (As an alternate to ⅝ in. thick wallboards in Item 4)- Nom.¾ in. thick.
CANADIAN GYPSUM COMPANY- Types AR, IP-AR.
UNITED STATES GYPSUM CO- Types AR, IP-AR.
USG MEXICO S A DE C V- Types AR, IP-AR.

(6) **GYPSUM SHEATHING**--For exterior walls, ½ or ⅝ in. thick exterior regular gypsum sheathing applied vertically and attached to studs and runner tracks with 1 in. long Type S-12 bugle head screws spaced 12 in. O.C. along studs and tracks. One of the following exterior facings are to be applied over the gypsum sheathing.
a. Siding, brick or stucco- Aluminum siding, steel siding, brick veneer, or stucco attached to studs over gypsum sheathing and meeting the requirements of local code agencies. When a min., 3¾ in. thick brick veneer facing is used, the Exterior Wall Rating is applicable with exposure on either face. Brick veneer wall attached to studs with corrugated metal wall ties attached to each stud with steel screws, not more than each sixth course of brick.
b. Mineral and Fiber Boards*- Exterior hard board paneling, chemically treated over gypsum sheathing with primed or finished face, 7/16 in. thick by 48 in. wide. Attached to studs over gypsum sheathing with 1⅞ in. long bugle head TEK fasteners 16 in. O.C. at the intermediate supports. Or, exterior lap siding, chemically treated, 7/16 in. thick by 8 in. or 12 in. wide. Attached to studs with 1⅞ in. long, bugle-head Type TEK fasteners at each lap. Panels lapped minimum 1 in.
MASONITE CORP.- Type FT
c. Cementitious Backer Units*-½ or ⅝ in. thick, square edge boards, attached to steel studs over gypsum sheathing with 1⅝ in. long, Type S-12, corrosion resistant, wafer head steel screws, spaced 8 in. O.C. Studs spaced a max. of 16 in. O.C. Joints covered with glass fiber mesh tape.
UNITED STATES GYPSUM CO.- Durock Exterior Cement Board or Durock Brand Cement Board.
d. Fiber Cement Siding- Fiber-cement exterior sidings including smooth and patterned panel or lap siding.
e. Molded Plastic*- Solid vinyl siding mechanically secured to framing members in accordance with the manufacturers recommended installation details.
ASSOCIATED MATERIALS INC.
ALSIDE, DIV. OF
HEARTLAND BUILDING PRODUCTS, INC.
NEBRASKA PLASTICS, INC.

(6) **FASTENERS**-- (Not Shown)- Screws used to attach wallboard to studs: self-tapping bugle head sheet steel type, spaced 12 in. O.C. First layer Type S-12 by 1 in. long for ½ and ⅝ in. thick wallboards and 1⅝ in. long for ¾ in. thick wallboard. Second layer Type S-12 by 1⅝ in. long for ½ and ⅝ in. thick wallboards and 2¼ in. long for ¾ in. thick wallboard. Third layer Type S-12 by 1⅞ in. long.

(7) **BATTS AND BLANKETS***-- Placed in stud cavities of all exterior walls. May or may not be used in interior walls. Any glass fiber or mineral wool batt material bearing the UL Classification Marking as to Fire Resistance, of a thickness to completely fill stud cavity. See batts and blankets (BZJZ) Category for names of Classified Companies.

(7A) **FIBER, SPRAYED***-- As an alternate to Batts and Blankets (Item 7)- Spray applied cellulose insulation material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. Nominal dry density of 3.0 lb/ft3.
US GREENFIBER LLC- Cocoon stabilized cellulose insulation.

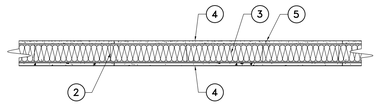
(8) **JOINT TAPE AND COMPOUND**-- (Not Shown)- Vinyl or casein, dry or premixed joint compound applied in two coats to joints and screw heads of outer layer. Perforated paper tape, 2 in. wide, embedded in first layer of compound over all joints of outer layer.

*Bearing the UL Classification Mark

BXUV.U465
Fire Resistance Ratings - ANSI/UL 263
Page Bottom

Fire Resistance Ratings - ANSI/UL 263
See General Information for Fire Resistance Ratings - ANSI/UL 263
Design No. U465
September 27, 2005

NONBEARING WALL RATING -- 1 HR.



1. FLOOR AND CEILING RUNNERS -- (not shown) -- Channel shaped runners, 3-5/8 in. wide (min), 1-1/4 in. legs, formed from min No. 25 MSG galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.
2. STEEL STUDS -- Channel shaped, 3-5/8 in. wide (min), 1-1/4 in. legs, 3/8 in. folded back returns, formed from min No. 25 MSG galv steel spaced 24 in. OC max.
3. BATTS AND BLANKETS* -- (Optional) -- Mineral wool or glass fiber batts partially or completely filling stud cavity. See Batts and Blankets (BZJZ) category for names of Classified companies.
3A. FIBER, SPRAYED* -- As an alternate to Batts and Blankets (Item 3) -- Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. Nominal dry density of 3.0 lb/ft3. Alternate application method: The fiber is applied with U.S. Greenfiber LLC Type AD100 hot melt adhesive at a nominal ratio of one part adhesive to 6.6 parts fiber to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. Nominal dry density of 2.5 lb/ft3.
U S GREENFIBER L L C -- Cocoon2 Stabilized or Cocoon-FRM (Fire Rated Material)
3B. FIBER, SPRAYED* -- As an alternate to Batts and Blankets (Item 3) and Item 3A - Spray applied cellulose insulation material. The fiber is applied with water to interior surfaces in accordance with the application instructions supplied with the product. Applied to completely fill the enclosed cavity. Minimum dry density of 4.3 pounds per cubic ft.
NU-WOOL CO INC -- Cellulose Insulation
4. GYPSUM BOARD* -- 5/8 in. thick, 4 ft wide, attached to steel studs and floor and ceiling track with 1 in. long, Type S steel screws spaced 8 in. OC. along edges of board and 12 in. OC in the field of the board. Joints oriented vertically and staggered on opposite sides of the assembly. When attached to item 6 (resilient channels) or 6A (furring channels), wallboard is screw attached to furring channels with 1 in. long, Type S steel screws spaced 12 in. OC.
AMERICAN GYPSUM CO -- Types AG-C, AGX-1
BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO -- Type DBX-1.
BPB AMERICA INC -- Types 1, EGRG, ProRoc Type X, ProRoc Type C.
BPB CANADA INC -- ProRoc Type C, ProRoc Type X or ProRoc Type Abuse-Resistant.
CANADIAN GYPSUM COMPANY -- Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC or WRX.
G-P GYPSUM CORP, SUB OF
GEORGIA-PACIFIC CORP -- Types 5, 9, C, DAP, DD, DA, DGG, DS, GPFS6.
LAFARGE NORTH AMERICA INC -- Types LGFC2, LGFC2A, LGFC6, LGFC6A, LGFC-C, LGFC-C/A.
NATIONAL GYPSUM CO -- Types FSK, FSK-C, FSK-G, FSW-C, FSW-G, FSW, FSW-3 , FSW-5.
PABCO BUILDING PRODUCTS L L C, DBA
PABCO GYPSUM -- Type PG-C or PG-9 .
PANEL REY S A -- Type PRX.
SIAM GYPSUM INDUSTRY (SARABURI) CO LTD -- Type EX-1
STANDARD GYPSUM L L C -- Types FRX-6, VPBX-6, FRWRX-6, SHTGX-6, FRX-6 Exterior Gypsum Soffit Board, SG-C.
TEMPLE-INLAND FOREST PRODUCTS CORP -- Type X, Veneer Plaster Base - Type X, Water Rated - Type X, Sheathing - Type X, Soffit - Type X, TG-C.
UNITED STATES GYPSUM CO -- Type AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC or WRX.
USG MEXICO S A DE C V -- Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC or WRX.

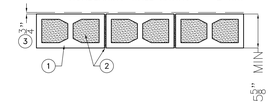
4A. GYPSUM BOARD* -- (As alternate to Item 4) - Nom 5/8 in. thick gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered or backed. Panels attached to steel studs and floor runner with 1 in. long Type S steel screws spaced 8 in. OC when applied horizontally, or 8 in. OC along vertical and bottom edges and 12 in. OC in the field when panels are applied vertically.
CANADIAN GYPSUM COMPANY -- Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC or WRX.
UNITED STATES GYPSUM CO -- T ype AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC or WRX.
USG MEXICO S A DE C V -- Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC or WRX.
4B. GYPSUM BOARD* -- (As an alternate to Items 4 or 4A) -- Nom 3/4 in. thick, 4 ft wide, installed as described in Item 4A with screw length increased to 1-1/4 in.
CANADIAN GYPSUM COMPANY -- Types AR, IP-AR.
UNITED STATES GYPSUM CO -- Types AR, IP-AR.
USG MEXICO S A DE C V -- Types AR, IP-AR.
5. JOINT TAPE AND COMPOUND -- Vinyl, dry or premixed joint compound, applied in two coats to joints and screw heads; paper tape, 2 in. wide, embedded in first layer of compound over all joints. As an alternate, nominal 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints reinforced.
6. RESILIENT CHANNEL -- (Optional-Not Shown) -- 25 MSG galv steel resilient channels spaced vertically max 24 in. OC, flange portion attached to each intersecting stud with 1/2 in. long type S-12 panhead steel screws.
6A. STEEL FRAMING MEMBERS (Not Shown)* -- As an alternate to Item 3, furring channels and resilient sound isolation clip as described below:
a. Furring Channels -- Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel.
b. Steel Framing Members* -- Used to attach furring channels (item a) to studs (Item 1). Clips spaced 48 in. OC., and secured to studs with 1-5/8 in. wafer or hex head Type S steel screw through the center grommet. Furring channels are friction fitted into clips.
PAC INTERNATIONAL INC -- Type RSIC-1.
*Bearing the UL Classification Mark

Last Updated on 2005-09-27

BXUV.U906
Fire Resistance Ratings - ANSI/UL 263

Fire Resistance Ratings - ANSI/UL 263
Design No. U906
March 17, 2004

BEARING WALL RATING -- 2 HR.
NONBEARING WALL RATING -- 2 HR.



HORIZONTAL SECTION

1. **Concrete Blocks*** -- Nominal 6 by 8 by 16 in, hollow or solid. Classification D-2 (2 hr).
ANCHOR CONCRETE PRODUCTS INC
GAGNE & SON CONCRETE BLOCK INC

Allowable compressive stress of 57% of max allowable compressive stress in accordance with the empirical design method.

OLDCASTLE APG NE DBA ARTHUR WHITCOMB
WESTBROOK CONCRETE BLOCK CO INC

Allowable compressive stress of 75.6% of max allowable compressive stress in accordance with the empirical design method.

2. **Mortar** -- Blocks laid in full bed of mortar, nom. 3/8 in. thick, of not less than 2-1/4 and not more than 3-1/2 parts of clean sharp sand to 1 part Portland cement (proportioned by volume) and not more than 50 percent hydrated lime (by cement volume). Vertical joints staggered.
3. **Portland Cement Stucco or Gypsum Plaster** -- Add 1/2 hr to Classification if used. Attached to concrete blocks (Item 1).
4. **Foamed Plastic*** -- (Optional-Not Shown) -- 1-1/2 in. thick max, 4 ft wide sheathing attached to concrete blocks (Item 1).
THE DOW CHEMICAL CO -- Type Thermax

*Bearing the UL Classification Mark

Last Updated on 2004-03-17

NOTE:
DWG. A-19 NOT USED IN THIS SET

CONTRACT SET- 10/10/07

RENOVATE OFFICE BUILDING

FIRE SPECIFICATIONS

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE:AS NOTED

FILE:

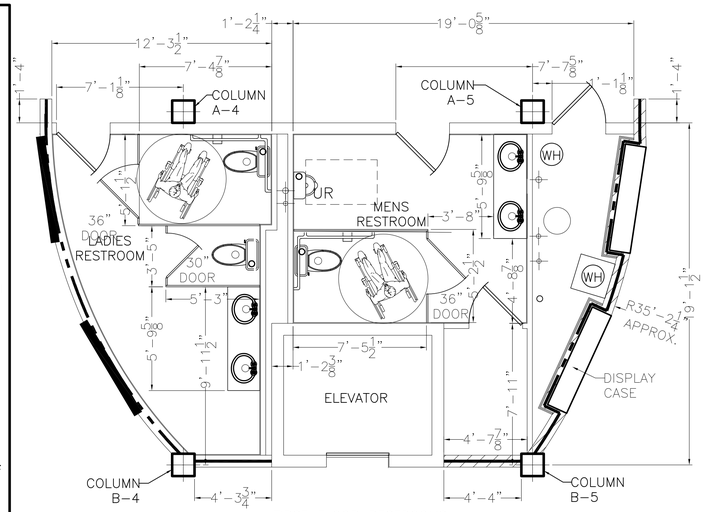
JOB NO. 1729

DATE:1-8-07

SHEET
A.20
OF

GENERAL NOTES - ALL DRAWINGS

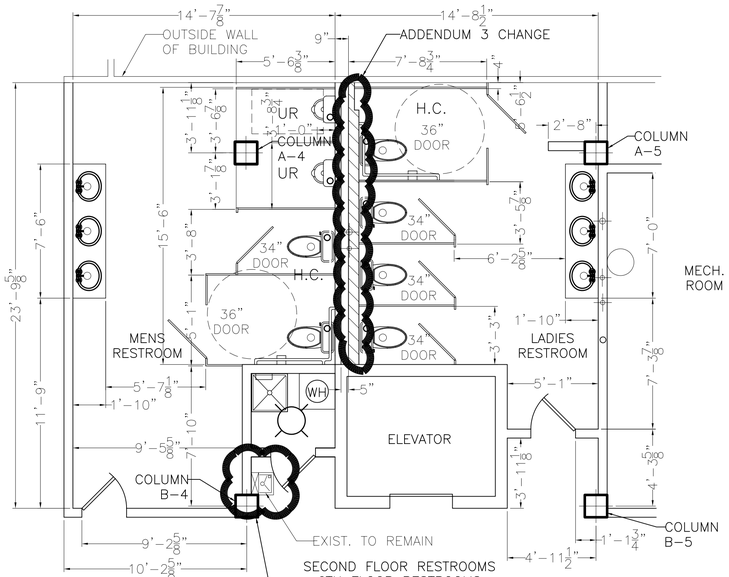
1. INSULATION AND INSULATION ASSEMBLIES SHALL MEET THE REQUIREMENTS OF SECTION 718.
   A. CONCEALED INSULATION SHALL HAVE A FLAME SPREAD OF 0-25 AND SMOKE DEVELOPED INDEX OF 0-450. EXCEPT THAT IN COMBUSTIBLE (WOOD FRAME) CONSTRUCTION.
   B. FACING SHALL COMPLY WITH IBC 2003.
2. PROVIDE 5'x5' LANDINGS, LEVEL WITH FINISHED FLOOR, OUTSIDE EXTERIOR DOORS. THRESHOLDS SHALL BE NOT MORE THAN 1/2" IN HEIGHT AND SHALL BE BEVELED IF MORE THAT 1/4".
3. DIMENSIONS ARE TO CENTERLINE, FACE OF STUDS, CENTER OF COLUMNS, OR FACE OF VENEER.
4. CONTRACTOR TO VERIFY ALL SITE CONDITIONS, BUILDING LOCATIONS, AND DIMENSIONS PRIOR TO CONSTRUCTION.
5. MATERIALS SHALL BE NEW AND U.L. LISTED.
6. NO WORK SHALL BE CONCEALED UNTIL APPROVED BY LOCAL INSPECTORS.
7. CONSTRUCTION SHALL COMPLY WITH ALL PARISH, STATE, AND LOCAL CODES.
8. CONTRACTOR TO GUARANTEE WORK FOR ONE YEAR.
9. CONTRACTOR SHALL FURNISH WATER AND POWER FROM EXISTING SOURCES.
10. EXTERIOR CAULKING SHALL BE THIOKAL CAULK.
11. PAINT GRADE SHALL BE SHERWIN WILLIAMS OR EQUIVALENT. ALL WORK TO RECEIVE 3 COATS. COLOR SELECTION BY OWNER.
12. PROVIDE CLEANUP ON A REGULAR BASIS. NO TRASH STORED IN BUILDING.
13. ALL BATT INSULATION SHALL HAVE A CLASS "A" (0-25) FLAME SPREAD AND A SMOKE DEVELOPED OF 0-450. IN COMPLIANCE WITH APPLICABLE CODE.
14. USE 6" STUDS, OR 4" STAGGERED STUDS AT ALL PLUMBING WALLS.
15. PROVIDE GALVANIZED METAL PAN WITH DRAIN AT WATER HEATER LOCATION.
16. ALL CORNERS SHALL BE PROPERLY BRACED FOR WIND LOADS. A 48" SHEATHING SHALL BE PROVIDED EVERY 20 FEET OF WALL LENGTH.
17. FLOORING SHALL BE NON-SLIP.
18. INTERIOR LOCKS ON DOORS IN MEANS OF EGRESS SHALL NOT REQUIRE THE USE OF A KEY, SPECIAL KNOWLEDGE, OR SPECIAL DEVICE TO OPEN IN THE DIRECTION OF EGRESS. ALL DOORS SHALL HAVE LEVER TYPE HANDLES.
19. INTERIOR WALLS AND CEILINGS SHALL HAVE A FLAME SPREAD OF 0-200 AND A SMOKE DEVELOPMENT RATING OF 0-450.
20. ALL WORK SHALL COMPLY WITH THE LATEST EDITION OF ALL LOCAL, STATE, AND NATIONAL CODES COVERING THE TYPE OF WORK BEING PERFORMED.
21. PROVIDE PORTABLE FIRE EXTINGUISHERS IN ACCORDANCE WITH NFPA 10. SEE APPENDIX "E" OF NFPA 10 FOR DISTRIBUTION OF EXTINGUISHERS.
22. ALL FIRE WALLS SHALL EXTEND TIGHT TO ROOF SHEATHING, AND BE SEALED WITH AN APPROVED FIRE CAULK.
23. ALL ELECTRICAL, MECHANICAL, AND PLUMBING MATERIALS PENETRATING FIRE WALLS SHALL BE FIRE CAULKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.)
24. SERVICE COUNTER SHALL HAVE A HCP ACCESSIBLE WRITING SURFACE, MAX. 36" FROM F.F. (ADAAG MANUAL 1998, PG 135).
25. INTERIOR DOOR OPERATORS AND LOCKS IN GOOD CONDITION AND NOT RECEIVING ELECTRONIC DOOR SYSTEM MAY BE CLEANED AND REUSED. ALL EXTERIOR DOOR LOCKS NOT RECEIVING NEW CARD READER LOCK SYSTEM SHALL BE NEW. ALL OTHER LOCKS SHALL BE REKEYED TO MATCH A MASTER KEY.
26. WIRE BRUSH, TREAT AND PAINT RUSTED BOTTOM METAL PLATES AND BOTTOM OF METAL STUDS IN FIRST FLOOR ELEVATOR LOBBY AND TOWER.



FIRST FLOOR RESTROOMS

NOTE:
DRAINS FOR TOILETS, FLOOR DRAINS, ETC. ON 1ST FLOOR SHALL BE ADAPTED TO THE NEW FLOOR ELEVATION. WINDOWS AND DOORS SHALL FIT THE OPENING CREATED BY THE NEW TOPPING.

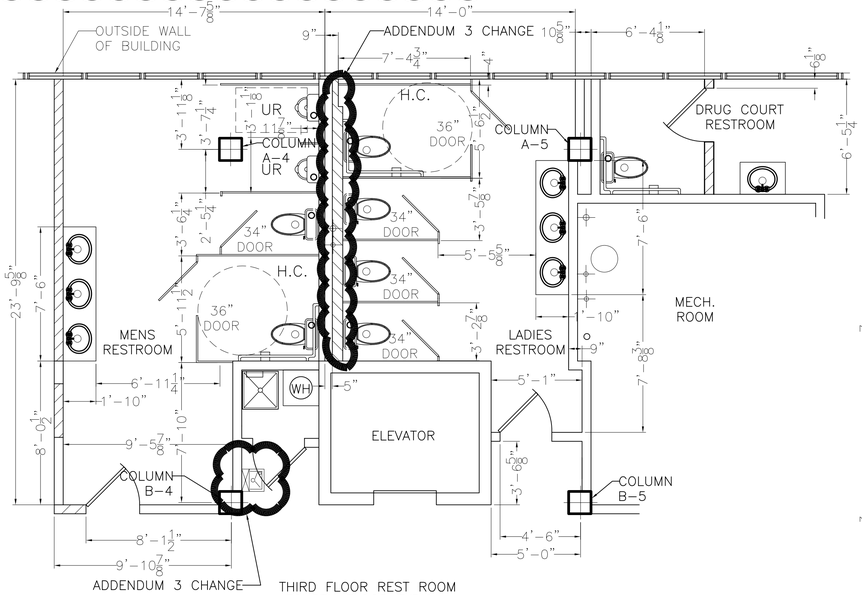
DETAIL 1 — SCALE: 1/4" = 1'-0" — A1 | A21



DETAIL 2 3 — SCALE: 1/4" = 1'-0" — A2 | A21 | A6 | A21

GENERAL NOTE:
ALL PAINTED OR VARNISHED INTERIOR AND EXTERIOR SURFACES SHALL BE CLEANED, PATCHED, SEALED, REFINISHED AND VARNISHED OR PAINTED.

ADDENDUM 2 CHANGE

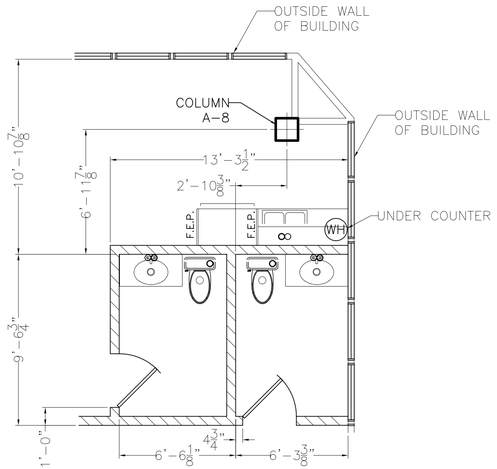


THIRD FLOOR REST ROOM
FOURTH FLOOR TYPICAL

DETAIL 5 — SCALE: 1/4" = 1'-0" — A3 A4 | A2

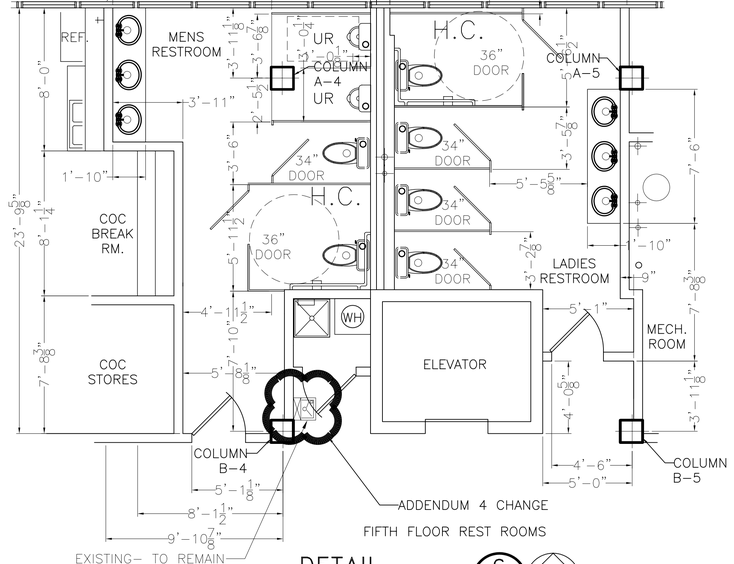
NOTE:
CERAMIC WALL, FLOOR AND BASE TILE FOR ALL NEW TOILETS SHALL MATCH STYLE AND TYPE OF TILE IN EXISTING TOILETS. COLORS TO BE SELECTED BY THE ENGINEER. PATCHING OF EXISTING TILES SHALL MATCH EXISTING.

ADDENDUM 2 CHANGE



SIXTH FLOOR REST ROOMS & KITCHENETTE

DETAIL 4 — SCALE: 1/4" = 1'-0" — A6 | A2



FIFTH FLOOR REST ROOMS

DETAIL 6 — SCALE: 1/4" = 1'-0" — A5 | A2

= ADDENDUM CHANGE

RFI 44 REVISED: 08/27/08ab
ADDENDUM 2 REVISED: 08/20/07
REVISED: 2/19/07

CONTRACT SET- 10/10/07

ARCHITECTURAL NOTES & DETAILS

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING, INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE:AS NOTED
FILE:
JOB NO. 1729
DATE:1-9-07
SHEET A.21
OF

4.6 PARKING AND PASSENGER LOADING ZONES.

4.6.1 MINIMUM NUMBER. PARKING SPACES REQUIRED TO BE ACCESSIBLE BY 4.1 SHALL COMPLY WITH 4.6.2 THROUGH 4.6.4. PASSENGER LOADING ZONES REQUIRED TO BE ACCESSIBLE BY 4.1 SHALL COMPLY WITH 4.6.5 AND 4.6.6.

4.6.2 LOCATION. ACCESSIBLE PARKING SPACES SERVING A PARTICULAR BUILDING SHALL BE LOCATED ON THE SHORTEST ACCESSIBLE ROUTE OF TRAVEL FROM ADJACENT PARKING TO AN ACCESSIBLE ENTRANCE. THAT DO NOT SERVE A PARTICULAR BUILDING, ACCESSIBLE ROUTE OF TRAVEL TO AN ACCESSIBLE PEDESTRIAN ENTRANCE OF THE PARKING, ACCESSIBLE ENTRANCES WITH ADJACENT PARKING, ACCESSIBLE PARKING SPACES SHALL BE DISPERSED AND LOCATED CLOSEST TO THE ACCESSIBLE ENTRANCES.

4.6.3* PARKING SPACES. PARKING SPACES FOR DISABLED PEOPLE SHALL BE AT LEAST 96" (2440 mm) WIDE AND SHALL HAVE AN ADJACENT ACCESS AISLE 60" (1525 mm) WIDE MINIMUM. PARKING ACCESS AISLES SHALL BE PART OF AN ACCESSIBLE ROUTE TO THE BUILDING OR FACILITY ENTRANCE AND SHALL COMPLY WITH 4.3. TWO ACCESSIBLE PARKING SPACES MAY SHARE A COMMON ACCESS AISLE. PARKED VEHICLE OVERHANGS SHALL NOT REDUCE THE CLEAR WIDTH OF AN ACCESSIBLE CIRCULATION ROUTE. PARKING SPACES AND ACCESS AISLES SHALL BE LEVEL WITH SURFACE SLOPES NOT EXCEEDING 1:50 IN ALL DIRECTIONS.

EXCEPTION: IF ACCESSIBLE PARKING SPACES FOR VANS DESIGNED FOR HANDICAPPED PERSONS ARE PROVIDED, EACH SHOULD HAVE AN ADJACENT ACCESS AISLE AT LEAST 96" (2440mm) WIDE COMPLYING WITH 4.5, GROUND AND FLOOR SURFACES.

4.6.4* SIGNAGE. ACCESSIBLE PARKING SPACES SHALL BE DESIGNATED AS RESERVED FOR THE DISABLED BY A SIGN SHOWING THE SYMBOL OF ACCESSIBILITY (SEE 4.30.5). SUCH SIGNS SHALL NOT BE OBSCURED BY A VEHICLE PARKED IN THE SPACE.

4.6.5 PASSENGER LOADING ZONES. PASSENGER LOADING ZONES SHALL PROVIDE AN ACCESS AISLE AT LEAST 60" (1525mm) WIDE AND 20' (6m) LONG ADJACENT AND PARALLEL TO THE VEHICLE PULL-UP SPACE (SEE FIG. 10). IF THERE ARE CURBS BETWEEN THE ACCESS AISLE AND THE VEHICLE PULL-UP SPACE, THEN A CURB RAMP COMPLYING WITH 4.7 SHALL BE PROVIDED. VEHICLE STANDING SPACES AND ACCESS AISLES SHALL BE LEVEL WITH SURFACE SLOPES NOT EXCEEDING 1:50 IN ALL DIRECTIONS.

4.6.6 VERTICAL CLEARANCE. PASSENGER LOADING ZONES SHALL PROVIDE AN ACCESS AISLE AT LEAST 60" (1525mm) WIDE AND 20' (240") (6100mm) LONG ADJACENT AND PARALLEL TO THE VEHICLE PULL-UP SPACE (SEE FIG. 10). IF THERE ARE CURBS BETWEEN THE ACCESS AISLE AND THE VEHICLE PULL-UP SPACE, THEN A CURB RAMP COMPLYING WITH 4.7 SHALL BE PROVIDED. VEHICLE STANDING SPACES AND ACCESS AISLES SHALL BE LEVEL WITH SURFACE SLOPES NOT EXCEEDING 1:50 (2%) IN ALL DIRECTIONS.

4.7 CURB RAMPS.

4.7.1 LOCATION. CURB RAMPS COMPLYING WITH 4.7 SHALL BE PROVIDED WHEREVER AN ACCESSIBLE ROUTE CROSSES A CURB.

4.7.2 SLOPE. SLOPES OF CURB RAMPS SHALL COMPLY WITH 4.8.2. THE SLOPE SHALL BE MEASURED AS SHOWN IN FIG. 11. TRANSITIONS FROM RAMPS TO WALKS, GUTTERS, OR STREETS SHALL BE FLUSH AND FREE OF ABRUPT CHANGES. MAXIMUM SLOPES OF ADJOINING GUTTERS, ROAD SURFACE IMMEDIATELY ADJACENT TO THE CURB RAMP, OR ACCESSIBLE ROUTE SHALL NOT EXCEED 1:20.

4.7.3 WIDTH. THE MINIMUM WIDTH OF A CURB RAMP SHALL BE 36", EXCLUSIVE OF FLARED SIDES.

4.7.4 SURFACE. SURFACES OF CURB RAMPS SHALL COMPLY WITH 4.5.

4.7.5 SIDES OF CURB RAMPS. IF A CURB RAMP IS LOCATED WHERE PEDESTRIANS MUST WALK ACROSS THE RAMP, OR WHERE IT IS NOT PROTECTED BY HANDRAILS OR GUARDRAILS, THEN IT SHALL HAVE FLARED SIDES; THE MAXIMUM SLOPE OF A FLARE SHALL BE 1:10 (SEE FIG. 12(a)). CURB RAMPS WITH RETURNED CURBS MAY BE USED WHERE PEDESTRIANS WOULD NOT NORMALLY WALK ACROSS THE RAMP (SEE FIG. 12(b)).

4.7.6 BUILT-UP CURB RAMPS. BUILT-UP CURB RAMPS SHALL BE LOCATED SO THAT THEY DO NOT PROJECT INTO VEHICULAR TRAFFIC LANES (SEE FIG. 13).

4.7.7 WARNING TEXTURES. (REMOVED AND RESERVED).

4.7.8 OBSTRUCTIONS. CURB RAMPS SHALL BE LOCATED OR PROTECTED TO PREVENT THEIR OBSTRUCTION BY PARKED VEHICLES.

4.7.9 LOCATION AT MARKED CROSSINGS. CURB RAMPS AT MARKED CROSSINGS SHALL BE WHOLLY CONTAINED WITHIN THE MARKINGS, EXCLUDING ANY FLARED SIDES.

4.7.10 DIAGONAL CURB RAMPS. IF DIAGONAL (OR CORNER TYPE) CURB RAMPS HAVE RETURNED CURBS OR OTHER WELL-DEFINED EDGES, SUCH EDGES SHALL BE PARALLEL TO THE DIRECTION OF PEDESTRIAN FLOW. THE BOTTOM OF DIAGONAL CURB RAMPS ARE PROVIDED AT MARKED CROSSINGS, THE 48" (1220mm) CLEAR SPACE SHALL BE WITHIN THE MARKINGS. IF DIAGONAL CURB RAMPS HAVE FLARED SIDES, THEY SHALL ALSO HAVE AT LEAST A 24" (610mm) LONG SEGMENT OF STRAIGHT CURB LOCATED ON EACH SIDE OF THE CURB RAMP AND WITHIN THE MARKED CROSSING.

4.7.11 ISLANDS. ANY RAISED ISLANDS IN CROSSING SHALL BE CUT THROUGH LEVEL WITH THE STREET OR HAVE CURB RAMPS AT BOTH SIDES AND A LEVEL AREA AT LEAST 48" (1220mm) LONG IN THE PART OF THE ISLAND INTERSECTED BY THE CROSSINGS.

4.7.12 UNCURBED INTERSECTIONS. (REMOVED AND RESERVED).

4.8 RAMPS.

4.8.1* GENERAL. ANY PART OF AN ACCESSIBLE ROUTE WITH A SLOPE GREATER THAN 1:20 SHALL BE CONSIDERED A RAMP AND SHALL COMPLY WITH 4.8.

4.8.2* SLOPE & RISE. THE LEAST POSSIBLE SLOPE SHALL BE USED FOR ANY RAMP. THE MAXIMUM SLOPE OF A RAMP IN NEW CONSTRUCTION SHALL BE 1:12. THE MAXIMUM RISE FOR ANY RUN SHALL BE 30" (760mm). CURB RAMPS AND RAMPS TO BE CONSTRUCTED ON EXISTING SITES OR IN EXISTING BUILDINGS OR FACILITIES MAY HAVE SLOPES AND RISE AS SHOWN IN TABLE

2. IF SPACE LIMITATIONS PROHIBIT THE USE OF A 1:12 SLOPE OR LESS (SEE 4.1.6).

4.8.3 CLEAR WIDTHS. THE MINIMUM CLEAR WIDTH OF A RAMP SHALL BE 36" (915mm).

4.8.4 LANDINGS. RAMPS SHALL HAVE LEVEL LANDINGS AT THE BOTTOM AND TOP OF EACH RUN. LANDINGS SHALL HAVE THE FOLLOWING FEATURES:

(1) THE LANDING SHALL BE AT LEAST AS WIDE AS THE RAMP RUN LEADING TO IT.

(2) THE LANDING LENGTH SHALL BE A MINIMUM OF 60" (1525mm) CLEAR.

(3) IF RAMPS CHANGE DIRECTION AT LANDINGS, THE MINIMUM LANDING SIZE SHALL BE 60" BY 60" (1525mm) BY (1525mm).

(4) IF A DOORWAY IS LOCATED AT A LANDING, THEN THE AREA IN FRONT OF THE DOORWAY SHALL COMPLY WITH 4.13.6.

4.8.5* HANDRAILS. IF A RAMP RUN HAS A RISE GREATER THAN 6" (250mm) OR A HORIZONTAL PROJECTION GREATER THAN 72" (1830mm), THEN IT SHALL HAVE HANDRAILS ON BOTH SIDES. HANDRAILS ARE NOT REQUIRED ON CURB RAMPS. HANDRAILS SHALL COMPLY WITH 4.26 AND SHALL HAVE THE FOLLOWING FEATURES:

(1) HANDRAILS SHALL BE PROVIDED ALONG BOTH SIDES OF RAMP SEGMENTS. THE INSIDE HANDRAIL ON SWITCHBACK OR DOGLEG RAMPS SHALL ALWAYS BE CONTINUOUS.

(2) IF HANDRAILS ARE NOT CONTINUOUS, THEY SHALL EXTEND AT LEAST 12" (305mm) BEYOND THE TOP AND BOTTOM OF THE RAMP SEGMENT AND SHALL BE PARALLEL WITH THE FLOOR OR GROUND SURFACE.

(3) THE CLEAR SPACE BETWEEN THE HANDRAIL AND THE WALL SHALL BE 1-1/2" (38mm).

(4) GRIPPING SURFACES SHALL BE CONTINUOUS.

(5) TOP OF HANDRAIL GRIPPING SURFACES SHALL BE MOUNTED BETWEEN 30" & 34" (760 mm & 865mm) ABOVE RAMP SURFACES.

(6) ENDS OF HANDRAILS SHALL BE EITHER ROUNDED OR RETURNED SMOOTHLY TO FLOOR, WALL OR POST.

(7) HANDRAILS SHALL NOT ROTATE WITHIN THEIR FITTINGS.

4.8.6 CROSS SLOPE & SURFACES. THE CROSS SLOPE OF RAMP SURFACES SHALL BE NO GREATER THAN 1:50. RAMP SURFACES SHALL COMPLY WITH 4.5.

4.8.7 EDGE PROTECTION. RAMPS AND LANDINGS WITH DROP-OFFS SHALL HAVE CURBS, WALLS, RAILINGS, OR PROJECTING SURFACES THAT PREVENT PEOPLE FROM SLIPPING OFF THE RAMP. CURBS SHALL BE A MINIMUM OF 2" (50mm) HIGH (SEE FIG. 17).

4.8.8 OUTDOOR CONDITIONS. OUTDOOR RAMPS AND THEIR APPROACHES SHALL BE DESIGNED SO THAT WATER WILL NOT ACCUMULATE ON WALKING SURFACES.

4.9 STAIRS.

4.9.1 MINIMUM NUMBER. STAIRS REQUIRED TO BE ACCESSIBLE BY 4.1 SHALL COMPLY WITH 4.9.

4.9.2 TREADS & RISERS. ON ANY GIVEN FLIGHT OF STAIRS, ALL STEPS SHALL HAVE UNIFORM RISER HEIGHTS AND UNIFORM TREAD WIDTHS. STAIR TREADS SHALL BE NO LESS THAN 11" (280mm) WIDE, MEASURED FROM RISER TO RISER (SEE FIG. 18(a)). OPEN RISERS ARE NOT PERMITTED ON ACCESSIBLE ROUTES.

4.9.3 NOSINGS. THE UNDERSIDES OF NOSINGS SHALL NOT BE ABRUPT. THE RADIUS OF CURVATURE AT THE LEADING EDGE OF THE TREAD SHALL BE NO GREATER THAN 1/2" (13mm). RISERS SHALL BE SLOPED OR THE UNDERSIDE OF THE NOSING SHALL HAVE AN ANGLE NOT LESS THAN 60 DEGREES FROM THE HORIZONTAL. NOSINGS SHALL PROJECT NO MORE THAN 1-1/2 " (38mm) (SEE FIG. 18).

4.9.4 HANDRAILS. STAIRWAYS SHALL HAVE HANDRAILS AT BOTH SIDES OF ALL STAIRS. HANDRAILS SHALL COMPLY WITH 4.26 AND SHALL HAVE THE FOLLOWING FEATURES:

(1) HANDRAILS SHALL BE CONTINUOUS ALONG BOTH SIDES OF STAIRS. THE INSIDE HANDRAIL ON SWITCHBACK OR DOGLEG STAIRS SHALL ALWAYS BE CONTINUOUS (SEE FIG. 19(a) & (b)).

(2) IF HANDRAILS ARE NOT CONTINUOUS, THEY SHALL EXTEND AT LEAST 12" (305mm) PLUS THE WIDTH OF ONE TREAD BEYOND THE BOTTOM RISER. AT THE TOP, THE EXTENSION SHALL BE PARALLEL WITH THE FLOOR OR GROUND SURFACE. AT THE BOTTOM, THE HANDRAIL SHALL CONTINUE TO SLOPE FOR A DISTANCE OF THE WIDTH OF ONE TREAD FROM THE BOTTOM RISER; THE REMAINDER OF THE EXTENSION SHALL BE HORIZONTAL (SEE FIG. 19(c) & (d)). HANDRAIL EXTENSIONS SHALL COMPLY WITH 4.4.

(3) THE CLEAR SPACE BETWEEN HANDRAILS AND WALLS SHALL BE 1-1/2" (38mm).

(4) GRIPPING SURFACES SHALL BE UNINTERRUPTED BY NEWEL POSTS, OTHER CONSTRUCTION ELEMENTS, OR OBSTRUCTIONS.

(5) TOP OF HANDRAIL GRIPPING SURFACE SHALL BE MOUNTED BETWEEN 30" & 34" (760mm) & 865mm) ABOVE STAIR NOSINGS.

(6) ENDS OF HANDRAILS SHALL BE EITHER ROUNDED OR RETURNED SMOOTHLY TO FLOOR, WALL, OR POST.

(7) HANDRAILS SHALL NOT ROTATE WITHIN THEIR FITTINGS.

4.9.5 TACTILE WARNINGS AT STAIRS. (REMOVED & RESERVED).

4.9.6 OUTDOOR CONDITIONS. OUTDOOR STAIRS AND THEIR APPROACHES SHALL BE DESIGNED SO THAT WATER WILL NOT ACCUMULATE ON WALKING SURFACES.

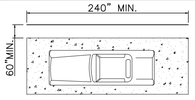


FIG. 10

ACCESS AISLE AT PASSENGER LOADING ZONES
N.T.S.

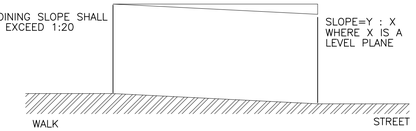
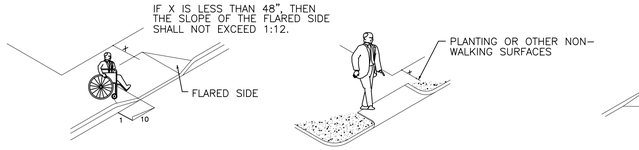


FIG. 11

MEASUREMENT OF CURB RAMP SLOPES
N.T.S.



(a) FLARED SIDES (b) RETURNED CURB

FIG. 12

SIDES OF CURB RAMPS
N.T.S.

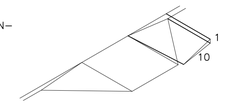


FIG. 13

BUILT-UP CURB RAMP
N.T.S.

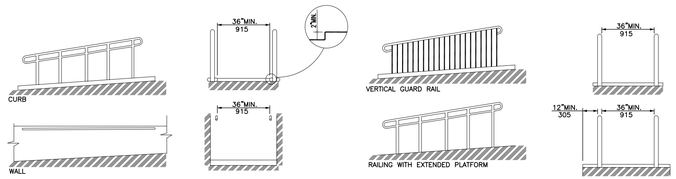
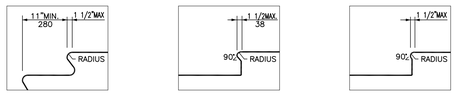


FIG. 17

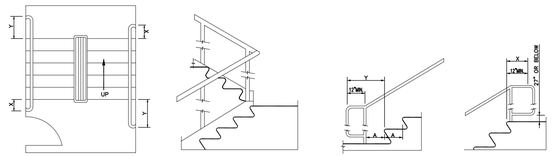
EXAMPLES OF EDGE PROTECTION AND HANDRAIL EXTENSIONS
N.T.S.



(a) FLUSH RISER (b) ANGLED NOSING (c) ROUNDED NOSING

FIG. 18

USEABLE TREAD WIDTH AND EXAMPLES OF ACCEPTABLE NOSINGS
N.T.S.



(a) PLAN (b) ELEVATION OF CENTER HANDRAIL (c) EXTENSION AT BOTTOM OF RUN (d) EXTENSION AT TOP OF RUN

NOTE:

X IS THE 12" MINIMUM HANDRAIL EXTENSION REQUIRED AT EACH TOP RISER.

Y IS THE MINIMUM HANDRAIL EXTENSION OF 12" PLUS THE WIDTH OF ONE TREAD THAT IS REQUIRED AT EACH BOTTOM RISER

FIG. 19

STAIR HANDRAILS
N.T.S.

4.10 ELEVATORS.

4.10.1 GENERAL. ACCESSIBLE ELEVATORS SHALL BE ON AN ACCESSIBLE ROUTE AND SHALL COMPLY WITH 4.10 AND WITH THE ASME A17.1-1990, SAFETY CODE FOR ELEVATORS AND ESCALATORS. FREIGHT ELEVATORS SHALL NOT BE CONSIDERED AS MEETING THE REQUIREMENTS OF THIS SECTION UNLESS THE ONLY ELEVATORS PROVIDED ARE USED AS COMBINATION PASSENGER AND FREIGHT ELEVATORS FOR THE PUBLIC AND EMPLOYEES.

4.10.2 AUTOMATIC OPERATION. ELEVATOR OPERATION SHALL BE AUTOMATIC. EACH CAR SHALL BE EQUIPPED WITH A SELF-LEVELING FEATURE THAT WILL AUTOMATICALLY BRING THE CAR TO FLOOR LANDINGS WITHIN A TOLERANCE OF 1/2" (13mm) UNDER RATED LOADING ZERO TO LOADING CONDITIONS. THIS SELF-LEVELING FEATURE SHALL BE AUTOMATIC AND INDEPENDENT OF THE OPERATING DEVICE AND SHALL CORRECT THE OVERTRAVEL OR UNDERTRAVEL.

4.10.3 HALL CALL BUTTONS. CALL BUTTONS IN ELEVATOR LOBBIES AND HALLS SHALL BE CENTERED AT 42" (1065mm) ABOVE THE FLOOR. SUCH CALL BUTTONS SHALL HAVE VISUAL SIGNALS TO INDICATE WHEN EACH CALL IS REGISTERED AND WHEN EACH CALL IS ANSWERED. CALL BUTTONS SHALL BE A MINIMUM OF 3/4" (19mm) IN THE SMALLEST DIMENSION. THE BUTTON DESIGNATING THE UP DIRECTION SHALL BE ON TOP. BUTTONS SHALL BE RAISED OR FLUSH. OBJECTS MOUNTED BENEATH HALL CALL BUTTONS SHALL NOT PROJECT INTO THE ELEVATOR LOBBY MORE THAN 4" (100mm).

4.10.4 HALL LANTERNS. A VISIBLE AND AUDIBLE SIGNAL SHALL BE PROVIDED AT EACH HOISTWAY ENTRANCE TO INDICATE WHICH CAR IS ANSWERING A CALL. AUDIBLE SIGNALS SHALL SOUND ONCE FOR THE UP DIRECTION AND TWICE FOR THE DOWN DIRECTION OR SHALL HAVE VERBAL ANNUNCIATORS THAT SAY "UP" OR "DOWN". VISIBLE SIGNALS SHALL HAVE THE FOLLOWING FEATURES:

(1) HALL LANTERN FIXTURES SHALL BE MOUNTED SO THAT THEIR CENTERLINE IS AT LEAST 2 1/2" (64mm) IN THE SMALLEST DIMENSION.

(2) VISUAL ELEMENTS SHALL BE AT LEAST 2-1/2" (64mm) IN THE SMALLEST DIMENSION.

(3) SIGNALS SHALL BE VISIBLE FROM THE VICINITY OF THE HALL CALL BUTTON. IN-CAR LANTERNS LOCATED IN CARS, VISIBLE FROM THE VICINITY OF HALL CALL BUTTONS, AND CONFORMING TO THE ABOVE REQUIREMENTS, SHALL BE ACCEPTABLE.

4.10.5 RAISED & BRAILLE CHARACTERS ON HOISTWAY ENTRANCES. ALL ELEVATOR HOISTWAY ENTRANCES SHALL HAVE RAISED AND BRAILLE FLOOR DESIGNATIONS PROVIDED ON BOTH JAMBS. THE CENTERLINE OF THE CHARACTERS SHALL BE 60" (1525mm) ABOVE FINISH FLOOR. SUCH CHARACTERS SHALL BE 2" (50mm) HIGH AND SHALL COMPLY WITH 4.30.4. PERMANENTLY APPLIED PLATES ARE ACCEPTABLE IF THEY ARE PERMANENTLY FIXED TO THE JAMBS.

4.10.6* DOOR PROTECTIVE REOPENING DEVICE. ELEVATOR DOORS SHALL OPEN AND CLOSE AUTOMATICALLY. THEY SHALL BE PROVIDED WITH A REOPENING DEVICE THAT WILL STOP AND REOPEN A CAR DOOR AND HOISTWAY DOOR AUTOMATICALLY IF THE DOOR BECOMES OBSTRUCTED BY AN OBJECT OR PERSON. THE DEVICE SHALL BE CAPABLE OF COMPLETING THESE OPERATIONS WITHOUT REQUIRING CONTACT FOR AN OBSTRUCTION PASSING THROUGH THE OPENING AT HEIGHTS OF 5" & 29" (125mm & 735mm) ABOVE FINISH FLOOR. DOOR REOPENING DEVICES SHALL REMAIN EFFECTIVE FOR AT LEAST 20 SECONDS. AFTER SUCH AN INTERVAL, DOORS MAY CLOSE IN ACCORDANCE WITH THE REQUIREMENTS OF ASME A17.1-1990.

4.10.7* DOOR & SIGNAL TIMING FOR HALL CALLS. THE MINIMUM ACCEPTABLE TIME FROM NOTIFICATION THAT A CAR IS ANSWERING A CALL UNTIL THE DOORS OF THAT CAR START TO CLOSE SHALL BE CALCULATED FROM THE FOLLOWING EQUATION:

$$T=D/(1.5'/S) \text{ OR } T=D/(445mm/S)$$

WHERE T TOTAL TIME IN SECONDS AND D DISTANCE (IN FEET OR MILLIMETERS) FROM A POINT IN THE LOBBY OR CORRIDOR 60" (1525mm) DIRECTLY IN FRONT OF THE FARTHEST CALL BUTTON CONTROLLING THAT CAR TO THE CENTERLINE OF ITS HOISTWAY DOOR. TIMING STARTS WITH IN-CAR LANTERN AND BEGINS WHEN THE LANTERN IS VISIBLE FROM THE VICINITY OF HALL CALL BUTTONS AND AN AUDIBLE SIGNAL IS SOUNDED. THE MINIMUM ACCEPTABLE NOTIFICATION TIME SHALL BE 5 SECONDS.

4.10.8 DOOR DELAY FOR CAR CALLS. THE MINIMUM TIME FOR ELEVATOR CARS SHALL PROVIDE FULLY OPEN IN RESPONSE TO A CAR CALL SHALL BE 3 SECONDS.

4.10.9 FLOOR PLAN OF ELEVATOR CARS. THE FLOOR AREA OF ELEVATOR CARS SHALL PROVIDE SPACE FOR WHEELCHAIR USERS TO ENTER THE CAR, MANEUVER WITHIN REACH OF CONTROLS, AND EXIT FROM THE CAR. ACCEPTABLE DOOR OPENING AND INSIDE DIMENSIONS SHALL BE AS SHOWN IN FIG. 22 THE CLEARANCE BETWEEN THE CAR PLATFORM SILL AND THE EDGE OF ANY HOISTWAY LANDING SHALL BE NO GREATER THAN 1-1/4" (32mm).

4.10.11 ILLUMINATION LEVELS. THE LEVEL OF ILLUMINATION AT THE CAR CONTROLS, PLATFORM, AND CAR THRESHOLD AND LANDING SILL SHALL BE AT LEAST 5 FOOTCANDLES (53.8 LUX).

4.10.12* CAR CONTROLS. ELEVATOR CONTROL PANELS SHALL HAVE THE FOLLOWING FEATURES:

(1) BUTTONS. ALL CONTROL BUTTONS SHALL BE AT LEAST 3/4" (19mm) IN THEIR SMALLEST DIMENSION. THEY SHALL BE RAISED OR FLUSH.

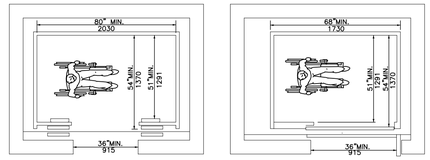
(2) TACTILE, BRAILLE, AND VISUAL CONTROL INDICATORS. ALL CONTROL BUTTONS SHALL BE DESIGNATED BY BRAILLE AND BY RAISED STANDARD ALPHABET CHARACTERS FOR LETTERS, ARABIC CHARACTERS FOR NUMERALS, OR STANDARD SYMBOLS AS SHOWN IN FIG. 23(a), AND AS REQUIRED IN ASME A17.1-1990. RAISED AND BRAILLE CHARACTERS AND SYMBOLS SHALL COMPLY WITH 4.30. THE CALL BUTTON FOR THE MAIN ENTRY FLOOR SHALL BE DESIGNATED BY A RAISED STAR AT THE LEFT OF THE FLOOR DESIGNATION (SEE FIG. 23(a)). ALL RAISED DESIGNATIONS FOR CONTROL BUTTONS SHALL BE PLACED IMMEDIATELY TO THE LEFT OF THE BUTTON TO WHICH THEY APPLY. APPLIED PLATES, PERMANENTLY ATTACHED, ARE AN ACCEPTABLE MEANS TO PROVIDE RAISED CONTROL DESIGNATIONS. FLOOR BUTTONS SHALL BE PROVIDED WITH VISUAL INDICATORS TO SHOW WHEN EACH CALL IS REGISTERED. THE VISUAL INDICATORS SHALL BE EXTINGUISHED WHEN EACH CALL IS ANSWERED.

(3) HEIGHT. ALL FLOOR BUTTONS SHALL BE NO HIGHER THAN 54" (1370mm) ABOVE THE FINISH FLOOR FOR SIDE APPROACH AND 48" (1220mm) FOR FRONT APPROACH. EMERGENCY CONTROLS, INCLUDING THE EMERGENCY ALARM AND EMERGENCY STOP, SHALL BE GROUPED AT THE BOTTOM OF THE PANEL AND SHALL HAVE THEIR CENTERLINES NO LESS THAN 35" (890mm) ABOVE THE FINISH FLOOR (SEE FIG. 23(a) & (b)).

(4) LOCATION. CONTROLS SHALL BE LOCATED ON A FRONT WALL IF CARS HAVE CENTER OPENING DOORS, AND AT THE SIDE WALL NEAR THE FRONT WALL NEXT TO THE DOOR IF CARS HAVE SIDE OPENING DOORS (SEE FIG. 23(c) & (d)).

4.10.13* CAR POSITION INDICATORS. IN ELEVATOR CARS, A VISUAL CAR POSITION INDICATOR SHALL BE PROVIDED ABOVE THE CAR CONTROL PANEL OR OVER THE DOOR TO SHOW THE POSITION OF THE ELEVATOR IN THE HOISTWAY. AS THE CAR PASSES OR STOPS AT A FLOOR SERVED BY THE ELEVATORS, THE CORRESPONDING NUMERALS SHALL ILLUMINATE, AND AN AUDIBLE SIGNAL SHALL SOUND. NUMERALS SHALL BE A MINIMUM OF 1/2" (13mm) HIGH. THE AUDIBLE SIGNAL SHALL BE NO LESS THAN 20 DECIBELS WITH A FREQUENCY NO HIGHER THAN 1500HZ. THE FLOOR NUMBER AT WHICH A CAR STOPS OR WHICH A CAR PASSES MAY BE SUBSTITUTED FOR AN AUTOMATIC VERBAL ANNOUNCEMENT THE AUDIBLE SIGNAL.

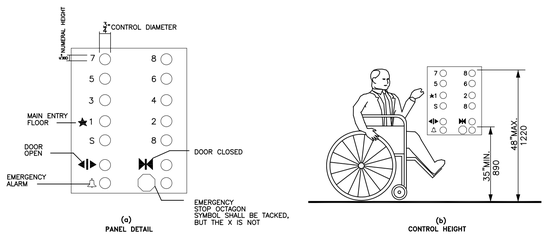
4.10.14* EMERGENCY COMMUNICATIONS. IF PROVIDED, EMERGENCY TWO-WAY COMMUNICATION SYSTEMS BETWEEN THE ELEVATOR AND A POINT OUTSIDE THE HOISTWAY SHALL COMPLY WITH ASME A17.1-1990. THE HIGHEST OPERABLE PART OF A TWO-WAY COMMUNICATION SYSTEM SHALL BE A MAXIMUM OF 48" (1220mm) FROM THE FLOOR OF THE CAR. IT SHALL BE IDENTIFIED BY A RAISED SYMBOL AND LETTERING COMPLYING WITH 4.30 AND LOCATED ADJACENT TO THE CONTROL PANEL. IF THE SYSTEM USES A HANDSET THEN LENGTH OF THE CORD FROM THE PANEL TO THE HANDSET SHALL BE AT LEAST 29" (735mm). IF THE SYSTEM IS LOCATED IN A CLOSED COMPARTMENT, THE COMPARTMENT DOOR HARDWARE SHALL CONFORM TO 4.27. CONTROLS AND OPERATING MECHANISMS. THE EMERGENCY INTERCOMMUNICATION SYSTEM SHALL NOT REQUIRE VOICE COMMUNICATION.



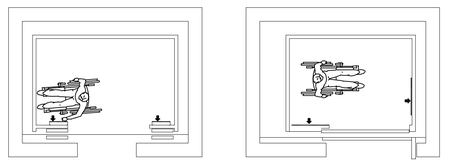
(a) (b)

FIG. 22

MINIMUM DIMENSION OF ELEVATOR CARS
N.T.S.



(a) PANEL DETAIL (b) CONTROL HEIGHT



(c) ALTERNATE LOCATIONS OF PANEL WITH CENTER OPENING DOOR (d) ALTERNATE LOCATIONS OF PANEL WITH SIDE OPENING DOOR

FIG. 23

CAR CONTROLS
N.T.S.

4.11 PLATFORM LIFTS (WHEELCHAIR LIFTS).

4.11.1 LOCATION. PLATFORM LIFTS (WHEELCHAIR LIFTS) PERMITTED BY 4.1 SHALL COMPLY WITH THE REQUIREMENTS OF 4.11.

4.11.2* OTHER REQUIREMENTS. IF PLATFORM LIFTS (WHEELCHAIR LIFTS) ARE USED, THEY SHALL COMPLY WITH 4.2.4, 4.5, 4.27, & ASME A17.1 SAFETY CODE FOR ELEVATORS AND ESCALATORS, SECTION XX, 1990.

4.11.3 ENTRANCE. IF PLATFORM LIFTS ARE USED THEN THEY SHALL FACILITATE UNASSISTED ENTRY, OPERATION, AND EXIT FROM THE LIFT IN COMPLIANCE WITH 4.11.2.

4.12 WINDOWS.

4.12.1* GENERAL. (RESERVED).

4.12.2* WINDOW HARDWARE. (RESERVED).

4.13 DOORS.

4.13.1 GENERAL. DOORS REQUIRED TO BE ACCESSIBLE BY 4.1 SHALL COMPLY WITH THE REQUIREMENTS OF 4.13.

4.13.2 REVOLVING DOORS & TURNSTILES. REVOLVING DOORS OR TURNSTILES SHALL NOT BE THE ONLY MEANS OF PASSAGE AT AN ACCESSIBLE ENTRANCE OR ALONG AN ACCESSIBLE ROUTE. AN ACCESSIBLE GATE OR DOOR SHALL BE PROVIDED ADJACENT TO THE TURNSTILE OR REVOLVING DOOR AND SHALL BE SO DESIGNED AS TO FACILITATE THE SAME USE PATTERN.

4.13.3 GATES. GATES, INCLUDING TICKET GATES, SHALL MEET ALL APPLICABLE SPECIFICATIONS OF 4.13.

4.13.4 DOUBLE-LEAF DOORWAYS. IF DOORWAYS HAVE TWO INDEPENDENTLY OPERATED DOOR LEAVES, THEN AT LEAST ONE LEAF SHALL MEET THE SPECIFICATIONS IN 4.13.5 & 4.13.6. THAT LEAF SHALL BE AN ACTIVE LEAF.

4.13.5 CLEAR WIDTH. DOORWAYS SHALL HAVE A MINIMUM CLEAR OPENING OF 32" (815mm) WITH THE DOOR OPEN 90 DEGREES, MEASURED BETWEEN THE FACE OF THE DOOR AND THE OPPOSITE STOP. OPENINGS MORE THAN 24" (610mm) IN DEPTH SHALL COMPLY WITH 4.2.1 & 4.3.3. EXCEPTIONS: DOORS NOT REQUIRING FULL USER PASSAGE, SUCH AS SHALLOW CLOSETS, MAY HAVE THE CLEAR OPENING REDUCED TO 20" (510mm) MINIMUM.

4.13.6 MANEUVERING CLEARANCES AT DOORS. THE FLOOR OR GROUND AREA WITHIN THE REQUIRED CLEARANCES SHALL BE LEVEL AND CLEAR.

EXCEPTION: ENTRY DOORS TO ACUTE CARE HOSPITAL BEDROOMS FOR IN-PATIENTS SHALL BE EXEMPTED FROM THE REQUIREMENT FOR SPACE AT THE LATCH SIDE OF THE DOOR IF THE DOOR IS AT LEAST 44" (1220mm) WIDE.

4.13.7 TWO DOORS IN SERIES. THE MINIMUM SPACE BETWEEN TWO HINGED OR PIVOTED DOORS IN SERIES SHALL BE 48" (1220mm) PLUS THE WIDTH OF ANY DOOR SWINGING INTO THE SPACE. DOORS IN SERIES SHALL SWING EITHER IN THE SAME DIRECTION OR AWAY FROM THE SPACE BETWEEN THE DOORS.

4.13.8* THRESHOLDS AT DOORWAYS. THRESHOLDS AT DOORWAYS SHALL NOT EXCEED 3/4" (19mm) IN HEIGHT FOR EXTERIOR SLIDING DOORS OR 1/2" (13mm) FOR OTHER TYPES OF DOORS. RAISED THRESHOLDS AND FLOOR LEVEL CHANGES AT ACCESSIBLE DOORWAYS SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2 (SEE 4.5.2).

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, TIGHT PINCHING, 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 THAN 48" (1220mm) ABOVE FINISHED FLOOR.

4.13.10* DOOR CLOSERS. IF A DOOR HAS A CLOSER, THEN THE SWEEP PERIODIC 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" (75mm) FROM THE LATCH, MEASURED TO THE LEADING EDGE OF THE DOOR.

4.13.11* DOOR OPENING FORCE. THE MAXIMUM FORCE FOR PUSHING OR PULLING OPEN A DOOR SHALL BE AS FOLLOWS:

(1

4.16 WATER CLOSETS.

4.16.1 GENERAL. ACCESSIBLE WATER CLOSETS SHALL COMPLY WITH 4.16.

4.16.2 CLEAR FLOOR SPACE. CLEAR FLOOR SPACE FOR WATER CLOSETS NOT IN STALLS SHALL COMPLY WITH 4.16. CLEAR FLOOR SPACE MAY BE ARRANGED TO ALLOW EITHER A LEFT-HANDED OR RIGHT-HANDED APPROACH.

4.16.3* HEIGHT. THE HEIGHT OF WATER CLOSETS SHALL BE 17" TO 19" (430mm TO 485mm), MEASURED TO THE TOP OF THE TOILET SEAT. SEATS SHALL NOT BE SPRUNG TO RETURN TO A LIFTED POSITION (SEE FIG. 31).

4.16.4* GRAB BARS. GRAB BARS FOR WATER CLOSETS NOT LOCATED IN STALL SHALL COMPLY WITH 4.26 AND FIG. 31. THE GRAB BAR BEHIND THE WATER CLOSET SHALL BE 36" (915mm) MINIMUM.

4.16.5* FLUSH CONTROLS. FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC AND SHALL COMPLY WITH 4.27.4. CONTROLS FOR FLUSH VALVES SHALL BE MOUNTED ON THE WIDE SIDE OF TOILET AREAS NO MORE THAN 44" (1120mm) ABOVE THE FLOOR.

4.16.6 DISPENSERS. TOILET PAPER DISPENSERS SHALL BE INSTALLED WITHIN REACH, AS SHOWN IN FIG. 31. DISPENSERS THAT CONTROL, DELIVER, OR THAT DO NOT PERMIT CONTINUOUS PAPER FLOW, SHALL NOT BE USED.

4.17 TOILET STALLS.

4.17.1 LOCATION. ACCESSIBLE TOILET STALLS SHALL BE ON AN ACCESSIBLE ROUTE AND SHALL MEET THE REQUIREMENTS OF 4.17.

4.17.2 WATER CLOSETS. WATER CLOSETS IN ACCESSIBLE STALLS SHALL COMPLY WITH 4.16.

4.17.3* SIZE AND ARRANGEMENT. THE SIZE AND ARRANGEMENT OF THE STANDARD TOILET STALL SHALL COMPLY WITH 4.17. STANDARD TOILET STALLS WITH A MINIMUM DEPTH OF 56" (1420mm) SHALL HAVE WALL-MOUNTED WATER CLOSETS. IF THE DEPTH OF A STANDARD TOILET STALL IS INCREASED AT LEAST 3" (75mm), THEN A FLOOR-MOUNTED WATER CLOSET MAY BE USED. ARRANGEMENTS SHOWN FOR STANDARD TOILET STALLS MAY BE REVERSED TO ALLOW EITHER A LEFT-OR RIGHT-HAND APPROACH. ADDITIONAL STALL SHALL BE PROVIDED IN CONFORMANCE WITH 4.22.4.
EXCEPTION: IN INSTANCES OF ALTERATION WORK WHERE PROVISION OF A STANDARD STALL IS TECHNICALLY INFEASIBLE OR WHERE PLUMBING CODE REQUIREMENTS PREVENT COMBINING EXISTING STALLS TO PROVIDE SPACE, EITHER ALTERNATE STALL, MAY BE PROVIDED IN LIEU OF THE STANDARD STALL.

4.17.4 TOE CLEARANCES. IN STANDARD STALLS, THE FRONT PARTITION AND AT LEAST ONE SIDE PARTITION SHALL PROVIDE A TOE CLEARANCE OF AT LEAST 9" (230mm) ABOVE THE FLOOR. IF THE DEPTH OF THE STALL IS GREATER THAN 60" (1525mm), THEN THE TOE CLEARANCE IS NOT REQUIRED.

4.17.5* DOORS. TOILET STALL DOORS, INCLUDING 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 42" (1065mm).

4.17.6 GRAB BARS. GRAB BARS MAY BE MOUNTED WITH ANY DESIRED METHOD AS LONG AS THEY HAVE A GRIPPING SURFACE AT THE LOCATIONS SHOWN IN FIG. 31 AND DO NOT OBSTRUCT THE REQUIRED CLEAR FLOOR AREA. GRAB BARS SHALL COMPLY WITH 4.26.

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 17" (430mm) ABOVE THE FINISH FLOOR.

4.18.3 CLEAR FLOOR SPACE. A CLEAR FLOOR SPACE 30" BY 48" (760mM BY 1220mm) SHALL BE PROVIDED IN FRONT OF URINALS TO ALLOW FORWARD APPROACH. THIS CLEAR SPACE SHALL ADJOIN 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 29" (735mm) 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 44" (1120mm) ABOVE THE FINISH FLOOR.

4.19 LAVATORIES & MIRRORS.

4.19.1 GENERAL. THE REQUIREMENTS OF 4.19 SHALL APPLY TO LAVATORY FIXTURES, VANITIES, AND BUILT-IN LAVATORIES.

4.19.2 HEIGHT & CLEARANCES. LAVATORIES SHALL BE MOUNTED WITH THE RIM OR COUNTER SURFACE NO HIGHER THAN 34" (865mm) ABOVE THE FINISH FLOOR. PROVIDE A CLEARANCE OF AT LEAST 29" (735mm) ABOVE THE FINISH FLOOR TO THE BOTTOM OF THE APRON (SEE FIG. 31).

4.19.3 CLEAR FLOOR SPACE. A CLEAR FLOOR SPACE 30" BY 48" (760mm BY 1220mm) COMPLYING WITH 4.2.4 SHALL BE PROVIDED IN FRONT OF A LAVATORY TO ALLOW FORWARD APPROACH. SUCH CLEAR FLOOR SPACE SHALL ADJOIN OR OVERLAP AN ACCESSIBLE ROUTE AND SHALL EXTEND A MAXIMUM OF 19" (485mm) UNDERNEATH THE LAVATORY.

4.19.4 EXPOSED PIPES & 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.

4.19.6* MIRRORS. MIRRORS SHALL BE MOUNTED WITH THE BOTTOM EDGE OF THE REFLECTING SURFACE NO HIGHER THAN 40" (1015mm) ABOVE THE FINISH FLOOR (SEE FIG. 31).

4.20 BATHTUBS.

4.20.1 GENERAL. ACCESSIBLE BATHTUBS SHALL COMPLY WITH 4.20.

4.20.2 FLOOR SPACE. CLEAR FLOOR SPACE IN FRONT OF BATHTUBS SHALL COMPLY WITH 4.20.

4.20.3 SEAT. AN IN-TUB SEAT OR A SEAT AT THE HEAD END OF THE TUB SHALL BE PROVIDED AS SHOWN IN FIG. 34. THE STRUCTURAL STRENGHT OF SEATS AND THEIR ATTACHMENTS SHALL COMPLY WITH 4.26.3. SEATS SHALL BE MOUNTED SECURELY AND SHALL NOT SLIP DURING USE.

4.20.4 GRAB BARS. GRAB BARS COMPLYING WITH 4.26 SHALL BE PROVIDED AS SHOWN IN FIG. 34.

4.20.5 CONTROLS. FAUCETS AND OTHER CONTROLS COMPLYING WITH 4.27.4 SHALL BE LOCATED AS SHOWN IN FIG. 34.

4.20.6 SHOWER UNIT. A SHOWER SPRAY UNIT WITH A HOSE AT LEAST 60" (1525mm) LONG THAT CAN BE USED BOTH AS A FIXED SHOWER HEAD AND AS A HAND-HELD SHOWER SHALL BE PROVIDED.

4.20.7 BATHTUB ENCLOSURES. IF PROVIDED, ENCLOSURES FOR BATHTUBS SHALL NOT OBSRTUCT CONTROLS OR TRANSFER FROM WHEELCHAIRS ONTO BATHTUB SEATS OR INTO TUBS. ENCLOSURES ON BATHTUBS SHALL NOT HAVE TRACKS MOUNTED ON THEIR RIMS.

4.21 SHOWER STALLS.

4.21.1* GENERAL. ACCESSIBLE SHOWER STALLS SHALL COMPLY WITH 4.21.

4.21.2 SIZE & CLEARANCE. EXCEPT AS SPECIFIED IN 9.1.2, SHOWER STALL SIZE AND CLEAR FLOOR SPACE SHALL COMPLY WITH FIG. 34(a) OR (b). THE SHOWER STALL IN FIG. 34(a) SHALL BE 36" BY 36" (915mm BY 915mm). THE SHOWER STALL IN FIG. 34(b) WILL FIT INTO THE SPACE REQUIRED FOR A BATHTUB.

4.21.3 SEAT. A SEAT SHALL BE PROVIDED IN SHOWER STALLS 36" BY 36" (915mm BY 915mm). THE SEAT SHALL BE MOUNTED 17" TO 19" (430mm TO 485mm) FROM THE BATHROOM FLOOR AND SHALL EXTEND THE FULL DEPTH OF THE STALL. IN A 36" BY 36" SHOWER STALL, THE SEAT SHALL BE ON THE WALL OPPOSITE THE CONTROLS. WHERE A FIXED SEAT IS PROVIDED IN A 30" BY 60" MINIMUM SHOWER STALL, IT SHALL BE A FOLDING TYPE AND SHALL BE MOUNTED ON THE WALL ADJACENT TO THE CONTROLS. THE STRUCTURAL STRENGTH OF SEATS AND THEIR ATTACHMENTS SHALL COMPLY WITH 4.26.3.

4.21.4 GRAB BARS. GRAB BARS COMPLYING WITH 4.26 SHALL BE PROVIDED AS SHOWN IN FIG. 34.

4.21.5 CONTROLS. FAUCETS AND OTHER CONTROLS COMPLYING WITH 4.27.4 SHALL BE LOCATED AS SHOWN IN FIG. 34 IN SHOWER STALLS 36" BY 36" (915mm BY 915mm) ALL CONTROLS, FAUCETS, AND THE SHOWER UNIT SHALL BE MOUNTED ON THE SIDE WALL OPPOSITE THE SEAT.

4.21.6 SHOWER UNIT. A SHOWER SPRAY UNIT WITH A HOSE AT LEAST 60" (1525mm) LONG THAT CAN BE USED AS A FIXED SHOWER HEAD OR AS A HAND-HELD SHOWER SHALL BE PROVIDED.

EXCEPTION: IN UNMONITORED FACILITIES WHERE VANDALISM IS A CONSIDERATION, A FIXED SHOWER HEAD MOUNTED AT 48" (1220mm) ABOVE THE SHOWER FLOOR MAY BE USED IN LIEU OF A HAND HELD SHOWER HEAD.

4.21.7 CURBS. IF PROVIDED, CURBS IN SHOWER STALLS 36" BY 36" (915mm BY 915mm) SHALL BE NO HIGHER THAN 1/2" (13mm). SHOWER STALLS THAT ARE 30" BY 60" (760mm BY 1525mm) SHALL NOT HAVE CURBS.

4.21.8 SHOWER ENCLOSURES. IF PROVIDED, ENCLOSURES FOR SHOWER STALLS SHALL NOT OBSTRUCT CONTROLS OR OBSTRUCT TRANSFER FROM WHEELCHAIRS ONTO SHOWER SEATS.

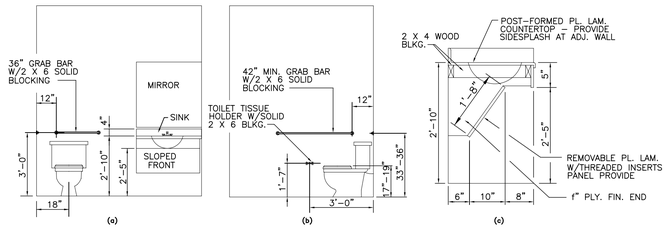
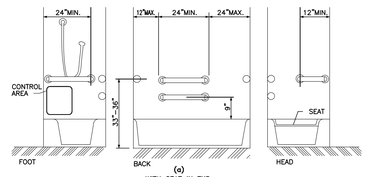


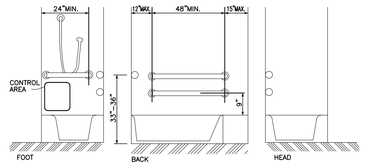
FIG. 31

LAVATORY & WATER CLOSET CLEARANCES

N.T.S.



(a)
WITH SEAT IN TUB



(b)
WITH SEAT AT HEAD OF TUB

FIG. 34

GRAB BARS AT BATHTUBS

N.T.S.

4.22 TOILET ROOMS.

4.22.1 MINIMUM NUMBER. TOILET FACILITIES REQUIRED TO BE ACCESSIBLE BY 4.1 SHALL COMPLY WITH 4.22. ACCESSIBLE TOILET ROOMS SHALL BE ON AN ACCESSIBLE ROUTE.

4.22.2 DOORS. ALL DOORS TO ACCESSIBLE TOILET ROOMS SHALL COMPLY WITH 4.13. DOORS SHALL NOT SWING INTO THE CLEAR FLOOR SPACE REQUIRED FOR ANY FIXTURE.

4.22.3 CLEAR FLOOR SPACE. THE ACCESSIBLE FIXTURES AND CONTROLS REQUIRED IN 4.22.4, 4.22.5, 4.22.6, AND 4.22.7 SHALL BE ON AN ACCESSIBLE ROUTE. AN UNOBSTRUCTED TURNING SPACE COMPLYING WITH 4.2.3 SHALL BE PROVIDED WITHIN AN ACCESSIBLE TOILET ROOM. THE CLEAR FLOOR SPACE AT FIXTURES AND CONTROLS, THE ACCESSIBLE ROUTE, AND THE TURNING SPACE MAY OVERLAP.

EXCEPTION: IN TOILET ROOMS WITH ONLY ONE WATER CLOSET AND ONE LAVATORY, A CLEAR FLOOR SPACE OF 30" BY 60" (815mm BY 1525mm) MAY BE USED IN LIEU OF THE UNOBSTRUCTED TURNING SPACE.

4.22.4 WATER CLOSETS. IF TOILET STALLS ARE PROVIDED, THEN AT LEAST ONE SHALL COMPLY WITH 4.17 ITS WATER CLOSET SHALL COMPLY WITH 4.16. IF WATER CLOSETS ARE NOT IN STALLS, THEN AT LEAST ONE SHALL COMPLY WITH 4.16.

4.22.5 URINALS. IF URINALS ARE PROVIDED, THEN AT LEAST ONE SHALL COMPLY WITH 4.18.

4.22.6 LAVATORIES AND MIRRORS. IF LAVATORIES AND MIRRORS ANR PROVIDED, THEN AT LEAST ONE OF EACH SHALL COMPLY WITH 4.19.

4.22.7 CONTROLS AND DISPENSERS. IF CONTROLS, DISPENSERS, RECEPTACLES, OR OTHER EQUIPMENT IS PROVIDED, THEN AT LEAST ONE OF EACH SHALL BE ON AN ACCESSIBLE ROUTE AND SHALL COMPLY WITH 4.27.

4.23 BATHROOM, BATHING FACILITIES, AND SHOWER ROOMS.

4.23.1 MINIMUM NUMBER. BATHROOMS, BATHING FACILITIES, OR SHOWER ROOMS REQUIRED TO BE ACCESSIBLE BY 4.1 SHALL COMPLY WITH 4.23 AND SHALL BE ON AN ACCESSIBLE ROUTE. FOR ADAPTABLE BATHROOMS IN ACCESSIBLE DWELLING UNITS, SEE 4.34.5.

4.23.2 DOORS. DOORS TO ACCESSIBLE BATHROOMS SHALL COMPLY WITH 4.13. DOORS SHALL NOT SWING INTO THE FLOOR SPACE REQUIRED FOR ANY FIXTURE.

4.23.3 CLEAR FLOOR SPACE. THE ACCESSIBLE FIXTURES AND CONTROLS REQUIRED IN 4.23.4, 4.23.5, 4.23.6, 4.23.7, 4.23.8, AND 4.23.9 SHALL BE ON AN ACCESSIBLE ROUTE. AN UNOBSTRUCTED TURNING SPACE COMPLYING WITH 4.2.3 SHALL BE PROVIDED WITHIN AN ACCESSIBLE BATHROOM. THE CLEAR FLOOR SPACES AT FIXTURES AND CONTROLS, THE ACCESSIBLE ROUTE AND THE TURNING SPACE MAY OVERLAP.

EXCEPTION: IN BATHROOMS WITH ONLY ONE WATER CLOSET, ONE LAVATORY, AND ONE BATHTUB OR SHOWER A CLEAR FLOOR SPACE OF 30" BY 60" (760mm BY 1525mm) MAY BE USED IN LIEU OF THE UNOBSTRUCTED TURNING SPACE.

4.23.4 WATER CLOSETS. IF TOILET STALLS ARE PROVIDED, THEN AT LEAST ONE SHALL COMPLY WITH 4.17 ITS WATER CLOSET SHALL COMPLY WITH 4.16. IF WATER CLOSETS ARE NOT IN STALLS, THEN AT LEAST ONE SHALL COMPLY WITH 4.6.

4.23.5 URINALS. IF URINALS ARE PROVIDED, THEN AT LEAST ONE SHALL COMPLY WITH 4.18.

4.23.6 LAVATORIES AND MIRRORS. IF LAVATORIES AND MIRRORS ARE PROVIDED, THEN AT LEAST ONE OF EACH SHALL COMPLY WITH 4.19.

4.23.7 CONTROLS AND DISPENSERS. IF CONTROLS, DISPENSERS, RECEPTACLES, OR OTHER EQUIPMENT IS PROVIDED, THEN AT LEAST ONE OF EACH SHALL BE ON AN ACCESSIBLE ROUTE AND SHALL COMPLY WITH 4.27.

4.23.8 BATHING AND SHOWER FACILITIES. IF TUBS, OR SHOWERS ARE PROVIDED, THEN AT LEAST ONE ACCESSIBLE TUB THAT COMPLIES WITH 4.20 OR AT LEAST ONE ACCESSIBLE SHOWER THAT COMPLIES WITH 4.21 SHALL BE PROVIDED.

4.23.9* MEDICINE CABINETS. IF MEDICINE CABINETS ARE PROVIDED, AT LEAST ONE SHALL BE LOCATED WITH A USEABLE SHELF NO HIGHER THAN 44" (1120mm) ABOVE THE FLOOR SPACE. THE FLOOR SPACE SHALL COMPLY WITH 4.2.4.

4.24 SINKS.

4.24.1 GENERAL. SINKS REQUIRED TO BE ACCESSIBLE BY 4.1 SHALL COMPLY WITH 4.24, SINKS IN KITCHENS OF ACCESSIBLE DWELLING UNITS SHALL COMPLY WITH 4.34.6.5.

4.24.2 HEIGHT. SINKS SHALL BE MOUNTED WITH THE COUNTER OR RIM NO HIGHER THAN 34" (865mm) FROM THE FINISHED FLOOR (SEE FIG. 31).

4.24.3 KNEE CLEARANCE. KNEE CLEARANCE THAT IS AT LEAST 27" (685mm) HIGH, 30" (760mm) WIDE, AND 19" (485mm) DEEP SHALL BE PROVIDED UNDERNEATH SINKS.

4.23.4 DEPTH. EACH SINK SHALL BE A MAXIMUM OF 6-1/2" (165mm) DEEP.

4.23.5 CLEAR FLOOR SPACE. A CLEAR FLOOR SPACE AT LEAST 30" BY 48" (760mm BY 1220mm) COMPLYING WITH 4.2.4 SHALL BE PROVIDED IN FRONT OF A SINK TO ALLOW FORWARD APPROACH HE CLEAR FLOOR SPACE SHALL BE ON AN ACCESSIBLE ROUTE AND SHALL EXTEND A MAXIMUM OF 19" (485mm) UNDERNEATH THE SINK.

4.23.6 EXPOSED PIPES AND SURFACES. HOT WATER AND DRAIN PIPES EXPOSED UNDER SINKS SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER SINKS.

4.23.7 FAUCETS. FAUCETS SHALL COMPLY WITH 4.27.4. LEVER-OPERATED, PUSH-TYPE, TOUCH-TYPE, OR ELECTRONICAL CONTROLLED MECHANISMS ARE ACCEPTABLE DESIGNS.

4.25 STORAGE.

4.25.1 GENERAL. FIXED STORAGE FACILITIES SUCH AS CABINETS, SHELVES, CLOSETS, AND DRAWERS REQUIRED TO BE ACCESSIBLE BY 4.1 SHALL COMPLY WITH 4.25.

4.25.2 CLEAR FLOOR SPACE. A CLEAR FLOOR SPACE AT LEAST 30" BY 48" (760mm BY 1220mm) COMPLYING WITH 4.2.4 THAT ALLOWS EITHER A FORWARD OR PARALLEL APPROACH BY A PERSON USING A WHEELCHAIR SHALL BE PROVIDED AT ACCESSIBLE STORAGE FACILITIES.

4.25.3 HEIGHT. ACCESSIBLE STORAGE SPACES SHALL BE WITHIN AT LEAST ONE OF THE REACH RANGES SPECIFIED IN 4.2.5 AND 4.2.6. CLOTHES RODS SHALL BE A MAXIMUM OF 54" (1370mm) FROM THE FLOOR.

4.25.4 HARDWARE. HARDWARE FOR ACCESSIBLE STORAGE FACILITIES SHALL COMPLY WITH 4.27.4 TOUCH LATCHES AND U-SHAPED PULLS ARE ACCEPTABLE.

4.26 HANDRAILS, GRAB BARS, AND TUB AND SHOWER SEATS.

4.26.1 GENERAL. ALL HANDRAILS, GRAB BARS, AND TUB AND SHOWER SEATS REQUIRED TO BE ACCESSIBLE BY 4.1, 4.8, OR 4.9 SHALL COMPLY WITH 4.26.

4.26.2* SIZE AND SPACING OF GRAB BARS AND HANDRAILS. THE DIAMETER OR WIDTH OF THE GRIPPING SURFACES OF A HANDRAIL OR GRAB BAR SHALL BE 1 1/4" TO 1 1/2" (32mm TO 38mm) OR THE SHAPE SHALL PROVIDE AN EQUIVALENT GRIPPING SURFACE. IF HANDRAILS OR GRAB BARS ARE MOUNTED ADJACENT TO A WALL, THE SPACE BETWEEN THE WALL AND THE GRAB BAR SHALL BE 1 1/2" (38mm). HANDRAILS MAY BE LOCATED IN A RECESS IF THE RECESS IS A MAXIMUM OF 3" (75mm) DEEP AND EXTENDS AT LEAST 18" (455mm) ABOVE THE TOP OF THE RAIL.

4.26.3 STRUCTRUAL STRENGTH. THE STRUCTRUAL STRENGTH OF GRAB BARS, TUB AND SHOWER SEATS, FASTENERS, AND MOUNTING DEVICES SHALL MEET THE FOLLOWING SPECIFICATIONS:

(1) BENDING STRESS IN A GRAB BAR OR SEAT BY THE APPLICATION OF 250LBF. (1112N) SHALL BE LESS THAN THE ALLOWABLE STRESS FOR THE MATERIAL OF THE GRAB BAR OR SEAT.

(2) SHEAR STRESS INDUCED IN A GRAB BAR OR SEAT BY THE APPLICATION OF 250LBF. (1112N) SHALL BE LESS THAN THE ALLOWABLE SHEAR STRESS FOR THE MATERIAL OF THE GRAB BAR OR SEAT. IF THE CONNECTION BETWEEN THE GRAB BAR OR SEAT AND ITS MOUNTING BRACKET OR OTHER SUPPORT IS CONSIDERED TO BE FULLY RESTRAINED, THEN DIRECT AND TORSIONAL SHEASR STRESSES SHALL BE TOTALED FOR THE COMBINED SHEAR STRESS WHICH SHALL NOT EXCEED THE ALLOWABLE SHEAR STRESS.

(3) SHEAR FORCE INDUCED IN A FASTENER OR MOUNTING DEVICE FROM THE APPLICATION OF 250LBF (1112N) SHALL BE NO LESS THAN THE ALLOWABLE LATERAL LOAD OF EITHER THE FASTENER OR MOUNTING DEVICE OR THE SUPPORTING STRUCTURE WHICHEVER IS THE SMALLER ALLOWABLE LOAD.

(4) TENSILE FORCE INDUCED IN A FASTENER BY A DIRECT TENSION FORCE OF 250LBF. (1112N) PLUS THE MAXIMUM MOMENT FROM THE APPLICATION OF 250LBF. (1112N) SHALL BE LESS THAN THE ALLOWABLE WITHDRAWAL AND THE SUPPORING STRUCTURE.

(5) GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS.

4.26.4 ELIMINATING HAZARDS. A HANDRAIL OR GRAB BAR AND ANY WALL OR OTHER SURFACE ADJACENT TO IT SHALL BE FREE OF ANY SHARP OR ABRASIVE ELEMENTS. EDGES SHALL HAVE A MINIMUM RADIUS OF 1/8" (32mm).

4.27 CONTROLS AND OPERATING MECHANISMS.

4.27.1 GENERAL. CONTROLS AND OPERATING MECHANISMS REQUIRED TO BE ACCESSIBLE BY 4.1 SHALL COMPLY WITH 4.27.

4.27.2 CLEAR FLOOR SPACE. CLEAR FLOOR SPACE COMPLYING WITH 4.2.4 THAT ALLOWS A FORWARD OR A PARALLEL APPROACH BY A PERSON USING A WHEELCHAIR SHALL BE PROVIDED AT CONTROLS, DISPENSERS, RECEPTACLES, AND OTHER OPERABLE EQUIPMENT.

4.27.3* HEIGHT. THE HIGHEST OPERABLE PART OF ALL CONTROLS, DISPENSERS, RECEPTACLES, AND OTHER OPERABLE EQUIPMENT SHALL BE PLACED WITHIN AT LEAST ONE OF THE REACH RANGES SPECIFIED IN 4.2.5 AND 4.2.6. EXCEPT WHERE THE USE OF SPECIAL EQUIPMENT DICTATES OTHERWISE, ELECTRICAL AND COMMUNICATIONS SYSTEM RECEPTACLES ON WALLS SHALL BE MOUNTED NO LESS THAN 15" (380mm) ABOVE THE FLOOR.

4.27.4 OPERATION. CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 LBF (22.2N).

4.28 ALARMS.

4.28.1 GENERAL. ALARM SYSTEMS REQUIRED TO BE ACCESSIBLE BY 4.1 SHALL COMPLY WITH 4.28.

4.28.2 AUDIBLE ALARMS. IF PROVIDED, AUDIBLE EMERGENCY ALARMS SHALL PRODUCE A SOUND THAT EXCEEDS THE PREVAILING EQUIVALENT SOUND LEVEL IN THE ROOM OR SPACE BY AT LEAST 15 DECIBELS OR EXCEEDS ANY MAXIMUM SOUND LEVEL WITH A DURATION OF 30 SECONDS BY 5 DECIBELS, WHICHEVER IS LOUDER. SOUND LEVELS FOR ALARM SIGNALS SHALL NOT EXCEED 120 DECIBELS.

4.28.3 VISUAL ALARMS. IF PROVIDED, ELECTRICALLY POWERED INTERNALLY ILLUMINATED EMERGENCY EXIT SIGNS SHALL FLASH AS A VISUAL EMERGENCY ALARM IN CONJUNCTION WITH AUDIBLE EMERGENCY ALARMS. THE FLASHING FREQUENCY OF VISUAL ALARM DEVICES SHALL BE LESS THAN 5HZ. IF SUCH ALARMS USE ELECTRICITY FROM THE BUILDING AS A POWER SOURCE THEN THEY SHALL BE INSTALLED ON THE SAME SYSTEM AS THE AUDIBLE EMERGENCY ALARMS.

EXCEPTIONS:

(1) VISUAL ALARM DEVICES THAT ARE MOUNTED ADJACENT TO EMERGENCY EXIT SIGNS MAY BE USED IN LIEU OF FLASHING EXIT SIGNS.

(2) SPECIALIZED SYSTEMS UTILIZING ADVANCED TECHNOLOGY MAY BE SUBSTITUTED FOR THE VISUAL SYSTEMS SPECIFIED ABOVE IF EQUIVALENT PROTECTION IF AFFORDED HANDICAPPED USERS OF THE BUILDING OR FACILITY.

4.28.4 AUXILIARY ALARMS. ACCESSIBLE SLEEPING ACCOMMODATIONS SHALL HAVE A VISUAL ALARM CONNECTED TO THE BUILDING EMERGENCY ALARM SYSTEM OR SHALL HAVE A STANDARD 110-VOLT ELECTRICAL RECEPTACLE INTO WHICH SUCH AN ALARM COULD BE CONNECTED. INSTRUCTIONS FOR USE OF THE AUXILIARY ALARM OR CONNECTION SHALL BE PROVIDED.

4.29 TACTILE WARNINGS.

4.29.1 GENERAL. TACTILE WARNINGS REQUIRED TO BE ACCESSIBLE BY 4.1 SHALL COMPLY WITH 4.29.

4.29.2* TACTILE WARNINGS ON WALKING SURFACES. (RESERVED).

4.29.3* TACTILE WARNINGS ON DOORS TO HAZARDOUS AREAS. (RESERVED)

4.29.4 TACTILE WARNINGS AT STAIRS. (RESERVED)

4.29.5* TACTILE WARNINGS AT HAZARDOUS VEHICULAR AREAS. (RESERVED)

4.29.6* TACTILE WARNINGS AT REFLECTING POOLS. (RESERVED)

4.29.7* STANDARDIZATION. TEXTURED SURFACES FOR TACTILE DOOR WARNINGS SHALL BE STANDARD WITHIN A BUILDING, FACILITY, SITE, OR COMPLEX OF BUILDINGS.

4.30 SIGNAGE.

4.30.1 GENERAL. SIGNAGE REQUIRED TO BE ACCESSIBLE BY 4.1 SHALL COMPLY WITH 4.30.

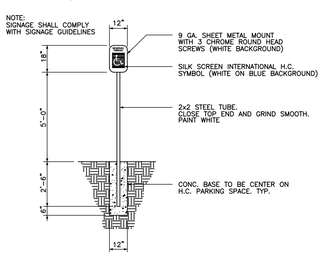
4.30.2 CHARACTER PROPORTION. LETTERS AND NUMBERS ON SIGNS SHALL HAVE A WIDTH TO-HEIGHT RATIO BETWEEN 3:5 AND 1:1 AND A STROKE WIDTH TO-HEIGHT RATIO BETWEEN 1:5 AND 1:10.

4.30.3* COLOR CONTRAST. CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND-EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND.

4.30.4* RAISED OR INDENTED CHARACTERS OR SYMBOLS. LETTERS AND NUMBERS ON SIGNS SHALL BE RAISED 1/32" MINIMUM AND SHALL BE SANS SERIF CHARACTERS. RAISED CHARACTERS OR SYMBOLS SHALL BE AT LEAST 5/8" (16mm) HIGH, BUT NO HIGHER THAN 2" (50mm). INTENDED CHARACTERS OR SYMBOLS SHALL HAVE A STROKE WIDTH OF AT LEAST 1/4" (6mm). SYMBOLS OR PICTOGRAPHS ON SIGNS SHALL BE RAISED OR INDENTED 1/32" MINIMUM.

4.30.5 SYMBOLS OF ACCESSIBILITY. ACCESSIBLE FACILITIES REQUIRED TO BE IDENTIFIED BY 4.1 SHALL USE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY. THE SYMBOL SHALL BE DISPLAYED AS SHOWN IN FIG. 43.

4.30.6 MOUNTING LOCATION AND HEIGHT. INTERIOR SIGNAGE SHALL BE LOCATED ALONGSIDE THE DOOR ON THE LATCH SIDE AND SHALL BE MOUNTED AT A HEIGHT OF BETWEEN 54" AND 66" (1370mm AND 1675mm) ABOVE THE FINISHED FLOOR.



EXTERIOR HANDICAP SIGN

N.T.S.

(a)
PROPORTIONS

(b)
DISPLAY CONDITIONS

FIG. 43

INTERNATIONAL SYMBOL OF ACCESSIBILITY

N.T.S.

4.31 TELEPHONES.

4.31.1 GENERAL. PUBLIC TELEPHONES REQUIRED TO BE ACCESSIBLE BY 4.1 SHALL COMPLY WITH 4.31.

4.31.2 CLEAR FLOOR OR GROUND SPACE. A CLEAR FLOOR OR GROUND SPACE AT LEAST 30" BY 48" (760mm BY 1220mm) THAT ALLOWS EITHER A FORWARD OR PARALLEL APPROACH BY A PERSON USING A WHEELCHAIR SHALL BE PROVIDED AT TELEPHONES. THE CLEAR FLOOR OR GROUND SPACE SHALL COMPLY WITH 4.2.4. BASES, ENCLOSURES, AND FIXED SEATS SHALL NOT IMPEDE APPROACHES TO TELEPHONES BY PEOPLE WHO USE WHEELCHAIRS.

4.31.3* MOUNTING HEIGHT. THE HIGHEST OPERABLE PART OF THE TELEPHONE SHALL BE WITHIN THE REACH RANGES SPECIFIED IN 4.2.5 OR 4.2.6.

4.31.4 PROTRUDING OBJECTS. TELEPHONES SHALL COMPLY WITH 4.4.

4.31.5* EQUIPMENT FOR HEARING IMPAIRED PEOPLE. TELEPHONES SHALL BE EQUIPPED WITH A RECEIVER THAT GENERATES A MAGNETIC FIELD IN THE AREA OF THE RECEIVER CAP. VOLUME CONTROLS SHALL BE PROVIDED IN ACCORDANCE WITH 4.1.2.

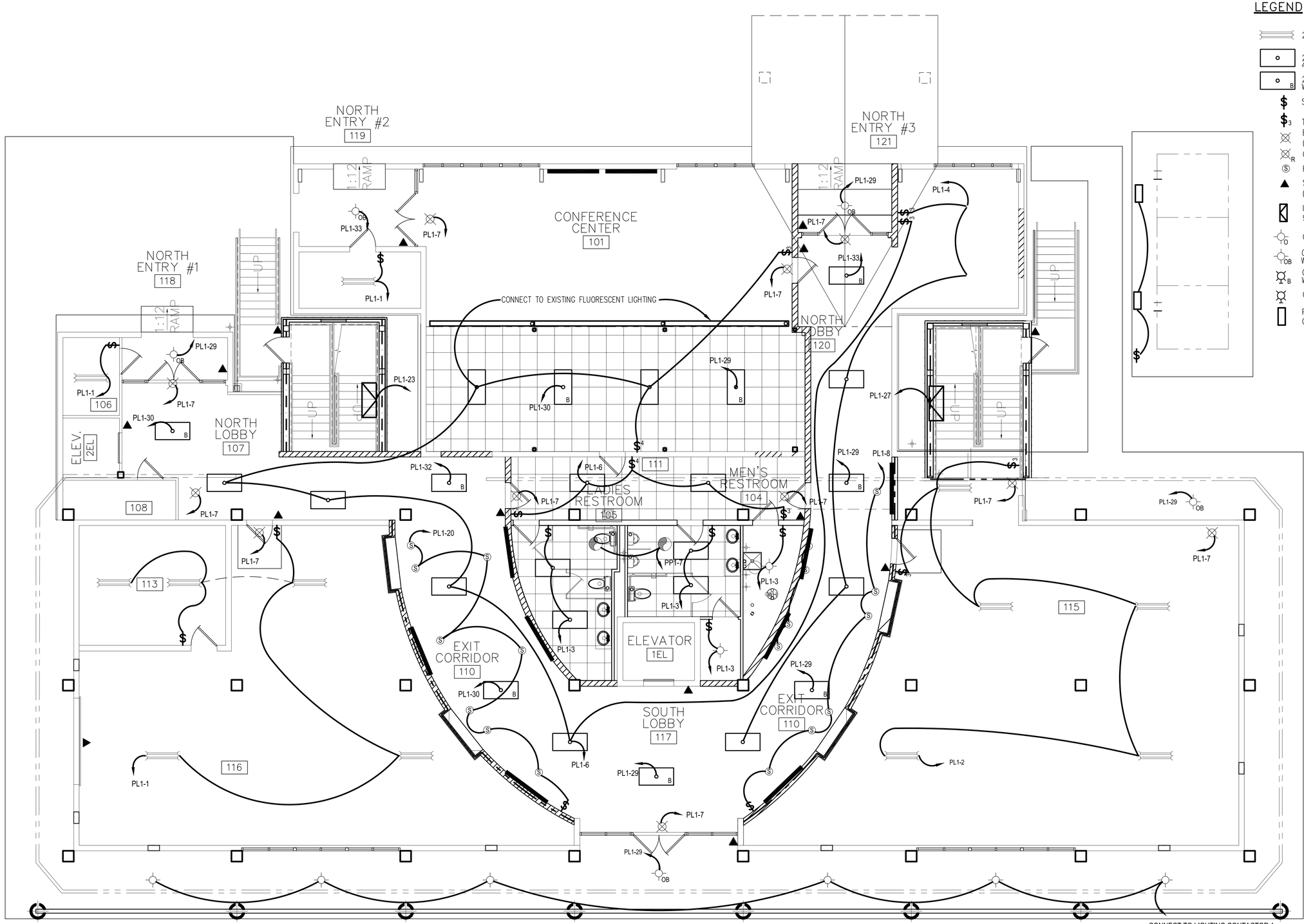
4.31.6 CONTROLS. TELEPHONES SHALL HAVE PUSHBUTTON CONTROLS WHERE SERVICE FOR SUCH EQUIPMENT IS AVAILABLE.

4.31.7 TELEPHONE BOOKS. TELEPHONE BOOKS, IF PROVIDED, SHALL BE LOCATED IN A POSITION THAT COMPLIES WITH THE REACH RANGES SPECIFIED IN 4.2.5 AND 4.2.6.

4.31.8 CORD LENGTH. THE CORD FROM THE TELEPHONE TO THE HANDSET SHALL BE AT LEAST 29".

4.32 SEATING, TABLES, AND WORK SURFACES.

4.32.1 MINIMUM NUMBER. FIXED OR BUILT IN SEATING, TABLES, OR WORK SURFACES REQUIRED TO BE AC



FIRST FLOOR LIGHTING PLAN
SCALE: 3/16"= 1'-0"

LEGEND

- 2 BULB FLUORESCENT FIXTURE
- 2X4 FLUORESCENT FIXTURE 4T/T/ 400W C
- 2X4 FLUORESCENT FIXTURE W/ BATTERY BACKUP
- SINGLE POLE SWITCH
- THREE-WAY SWITCH
- EMERGENCY/EXIT LIGHT FIXTURE (BATTERY BACK UP).
- OUTDOOR WP REMOTE HEAD
- RECESSED BULLET FIXTURE
- SECURITY ACCESS DOOR J BOX (SCANNER BY OTHERS)
- INTERIOR FLUORESCENT SCONCE W/ 90 MIN. BATTERY BACKUP
- GENERIC OVERHEAD LIGHT
- GENERIC OVERHEAD LIGHT W/ BATTERY BACKUP
- GENERIC WALL SCONCE W/ BATTERY BACKUP
- GENERIC WALL SCONCE
- POLE MOUNTED HPS LIGHT ON ELEVATED PLATFORM

REVISED: 02-07-08 KD
REVISED: 03-07-07ab

RFP #2- 11-13-07

1ST FLOOR LIGHTING PLAN

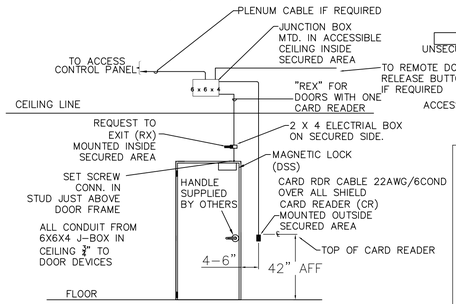
ST. TAMMANY PARISH ADMIN. COMPLEX
OLD SPANISH TRAIL
SLIDELL, LOUISIANA

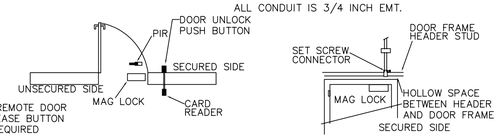
RENOVATE OFFICE BUILDING

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE:AS NOTED
FILE:
JOB NO. 1729
DATE:1-8-07
SHEET
E1 L
OF

ACCESS CONTROL SINGLE DOOR WITH CARD READER, MAGNETIC LOCK, REX, JUNCTION BOX,DOOR CONTACT

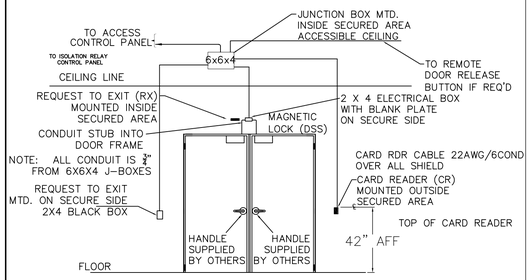




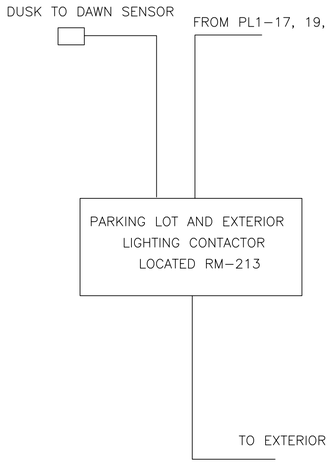
ACCESS CTRL CONDUIT LAYOUT SINGLE DOOR MAG.DWG

CONDUIT DOOR LAYOUT SINGLE DOOR MAG LOCK

ACCESS CONTROL DOUBLE DOOR WITH CARD READER, MAGNETIC LOCK, REX, JUNCTION BOX,DOOR CONTACT



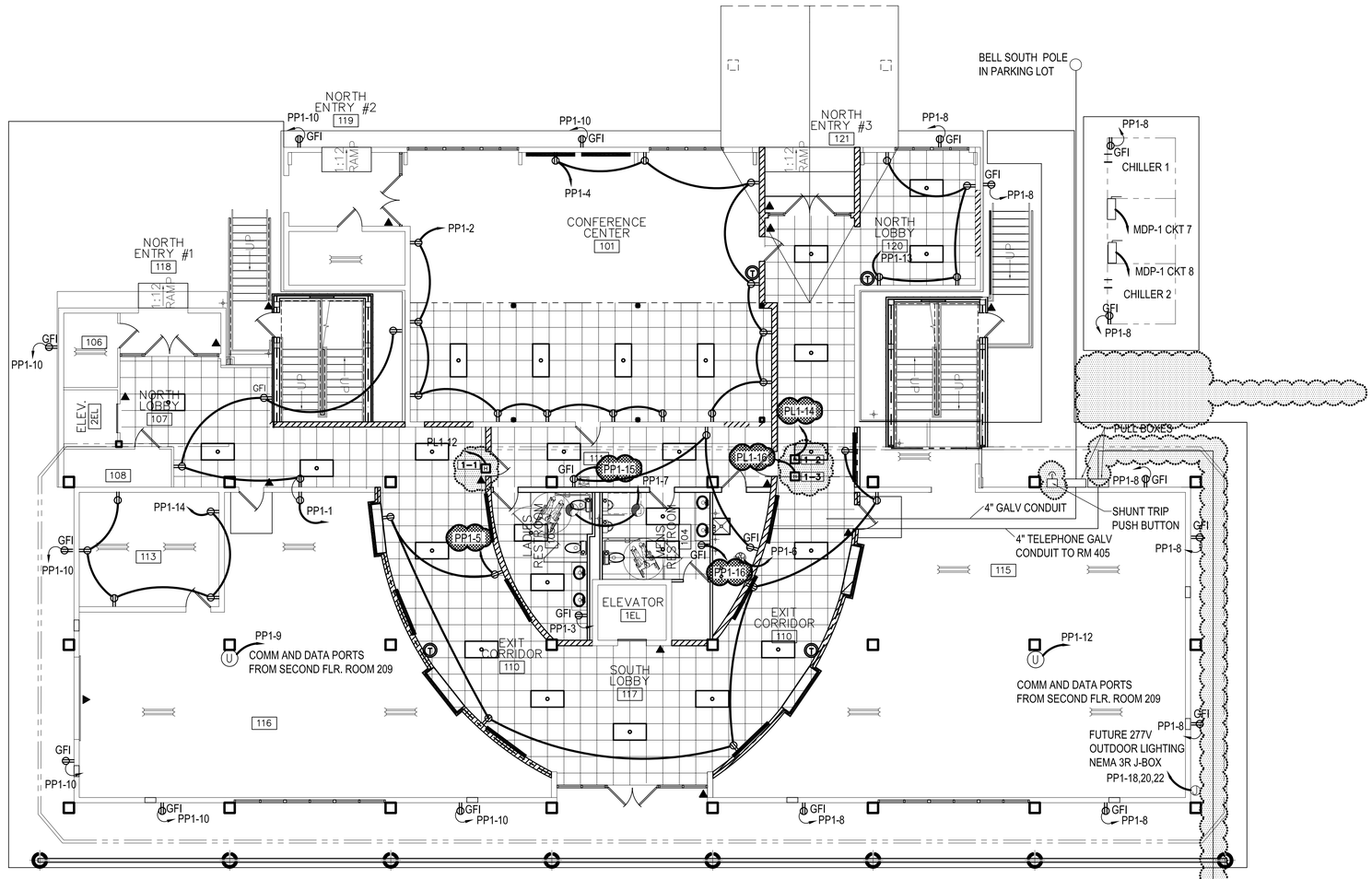
CONDUIT DOOR LAYOUT DOUBLE DOOR MAG LOCK



LEGEND

- NEW DUPLEX RECEPTACLE
- EXHAUST FAN
- SECURITY ACCESS DOOR (SCANNER BY OTHERS)
- COLUMN MOUNTED UTILITIES
- JUNCTION BOX

NOTE



FIRST FLOOR POWER PLAN

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

PL1-16 —INDICATES ITEMS CHANGED— 06/27/08

0000 —INDICATES ITEMS CHANGED— 05/29/08

REVISED: 06/27/08 ab
STAR HVAC REVISED: 05/29/08 ab
ELECT XFRM 020708 KD
HVAC CHANGES: 11/05/07ab

RFP #2 11-13-07

1ST FLOOR POWER PLAN

RENOVATE OFFICE BUILDING

ST. TAMMANY PARISH ADMIN. COMPLEX
OLD SPANISH TRAIL
SLIDELL, LOUISIANA

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

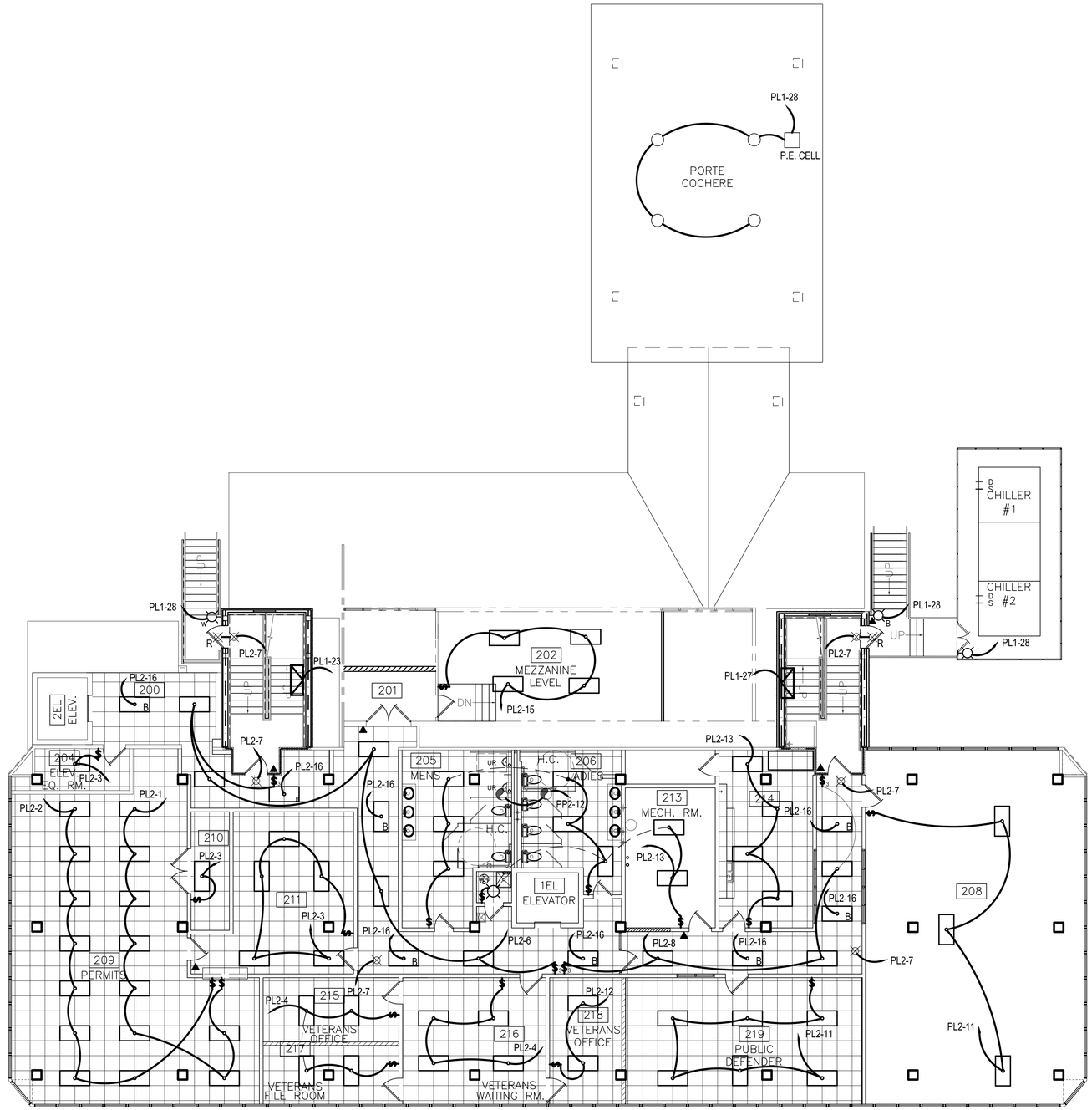
SCALE:AS NOTED

FILE:

JOB NO. 1729

DATE:1-8-07

SHEET E1P OF



LEGEND

- 2 BULB FLUORESCENT FIXTURE
- 2X4 FLUORESCENT FIXTURE 4T/T/ 400W C
- 2X4 FLUORESCENT FIXTURE W/ BATTERY BACKUP
- SINGLE POLE SWITCH
- THREE-WAY SWITCH
- EMERGENCY/EXIT LIGHT FIXTURE (BATTERY BACK UP).
- OUTDOOR WP REMOTE HEAD
- RECESSED BULLET FIXTURE
- SECURITY ACCESS DOOR J BOX (SCANNER BY OTHERS)
- INTERIOR FLUORESCENT SCONCE W/ 90 MIN. BATTERY BACKUP
- GENERIC OVERHEAD LIGHT
- GENERIC OVERHEAD LIGHT W/ BATTERY BACKUP
- GENERIC WALL SCONCE W/ BATTERY BACKUP
- GENERIC WALL SCONCE

SECOND FLOOR LIGHTING PLAN

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

REVISED: 03/07/07ab

CONTRACT SET- 10/10/07

2ND FLOOR LIGHTING PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING, INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE:AS NOTED

FILE:

JOB NO. 1729

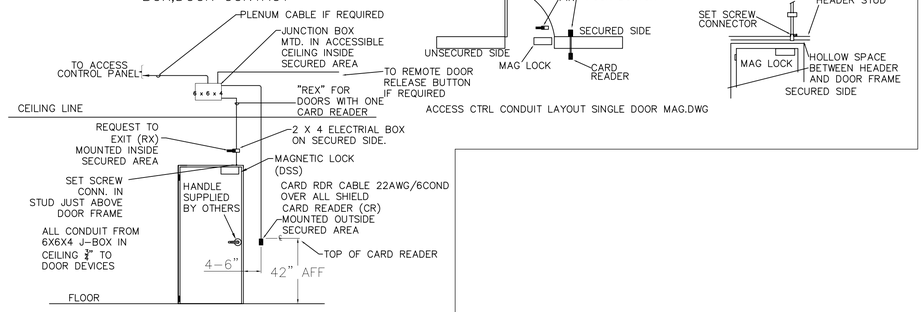
DATE:1-8-07

SHEET

E2L

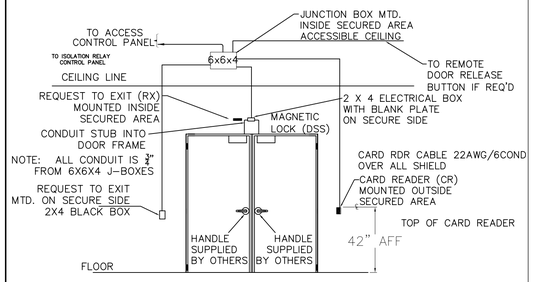
OF

ACCESS CONTROL SINGLE DOOR WITH CARD READER, MAGNETIC LOCK, REX, JUNCTION BOX,DOOR CONTACT

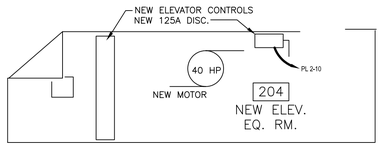


CONDUIT DOOR LAYOUT SINGLE DOOR MAG LOCK

ACCESS CONTROL DOUBLE DOOR WITH CARD READER, MAGNETIC LOCK, REX, JUNCTION BOX,DOOR CONTACT



CONDUIT DOOR LAYOUT DOUBLE DOOR MAG LOCK



NEW WEST ELEVATOR M/C ROOM DETAIL

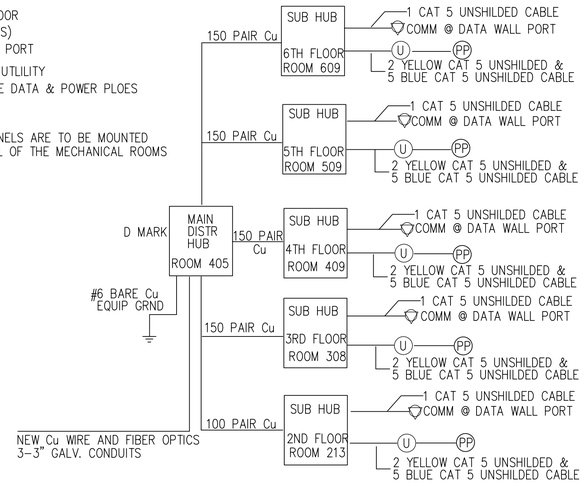
N. T. S.

LEGEND

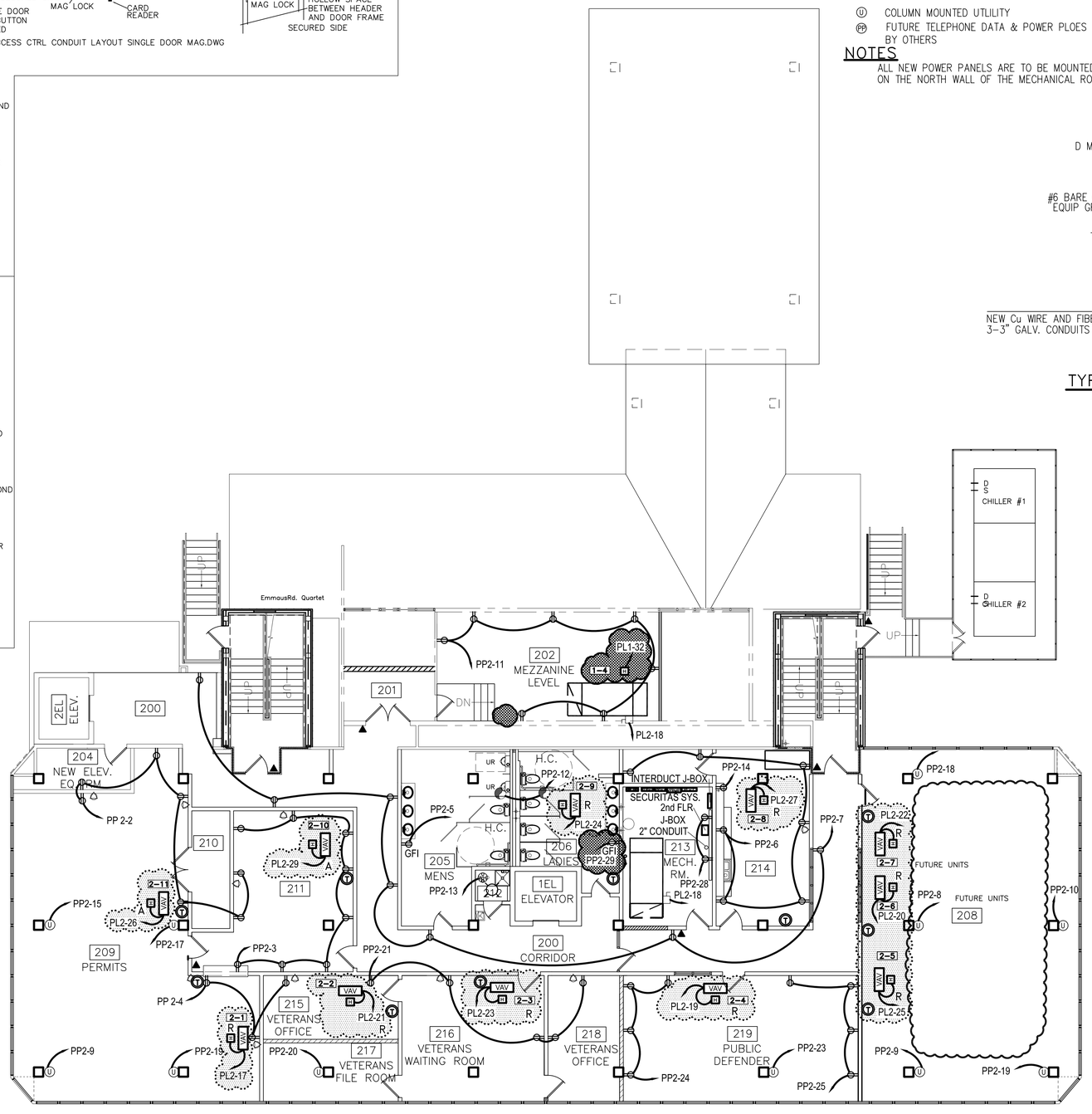
- NEW DUPLEX RECEPTACLE
- EXHAUST FAN
- SECURITY ACCESS DOOR (SCANNER BY OTHERS)
- COMM @ DATA WALL PORT
- (U) COLUMN MOUNTED UTLILITY
- (PP) FUTURE TELEPHONE DATA & POWER PLOES BY OTHERS

NOTES

ALL NEW POWER PANELS ARE TO BE MOUNTED ON THE NORTH WALL OF THE MECHANICAL ROOMS

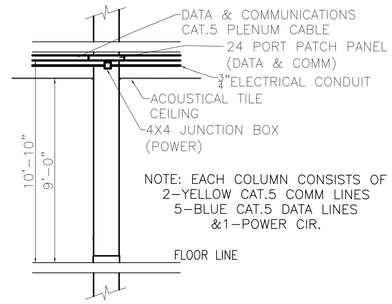


TYPICAL COMMUNICATIONS DATA & POWER ONE LINE DIAGRAM



SECOND FLOOR POWER PLAN

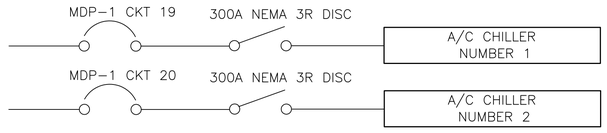
SCALE: 1/8"= 1'-0"



NOTE: EACH COLUMN CONSISTS OF 2-YELLOW CAT.5 COMM LINES 5-BLUE CAT.5 DATA LINES &1-POWER CIR.

COLUMN MOUNTED UTILITY DETAIL

SCALE: NTS



INDICATES ITEMS CHANGED- 02/26/08

PL1-16 -INDICATES ITEMS CHANGED- 06/27/08

0000 R -INDICATES ITEMS CHANGED- 05/29/08

R= RELOCATED

A= ADDED

STAR HVAC REVISED: 05/29/08 ab
HVAC REVISED: 02/26/08 ab
HVAC REVISED: 11/05/07 ab
REVISED: 03/07/07 ab
REVISED: 01/23/07

RFP #2 11-13-07

2ND FLOOR POWER PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE:AS NOTED

FILE:

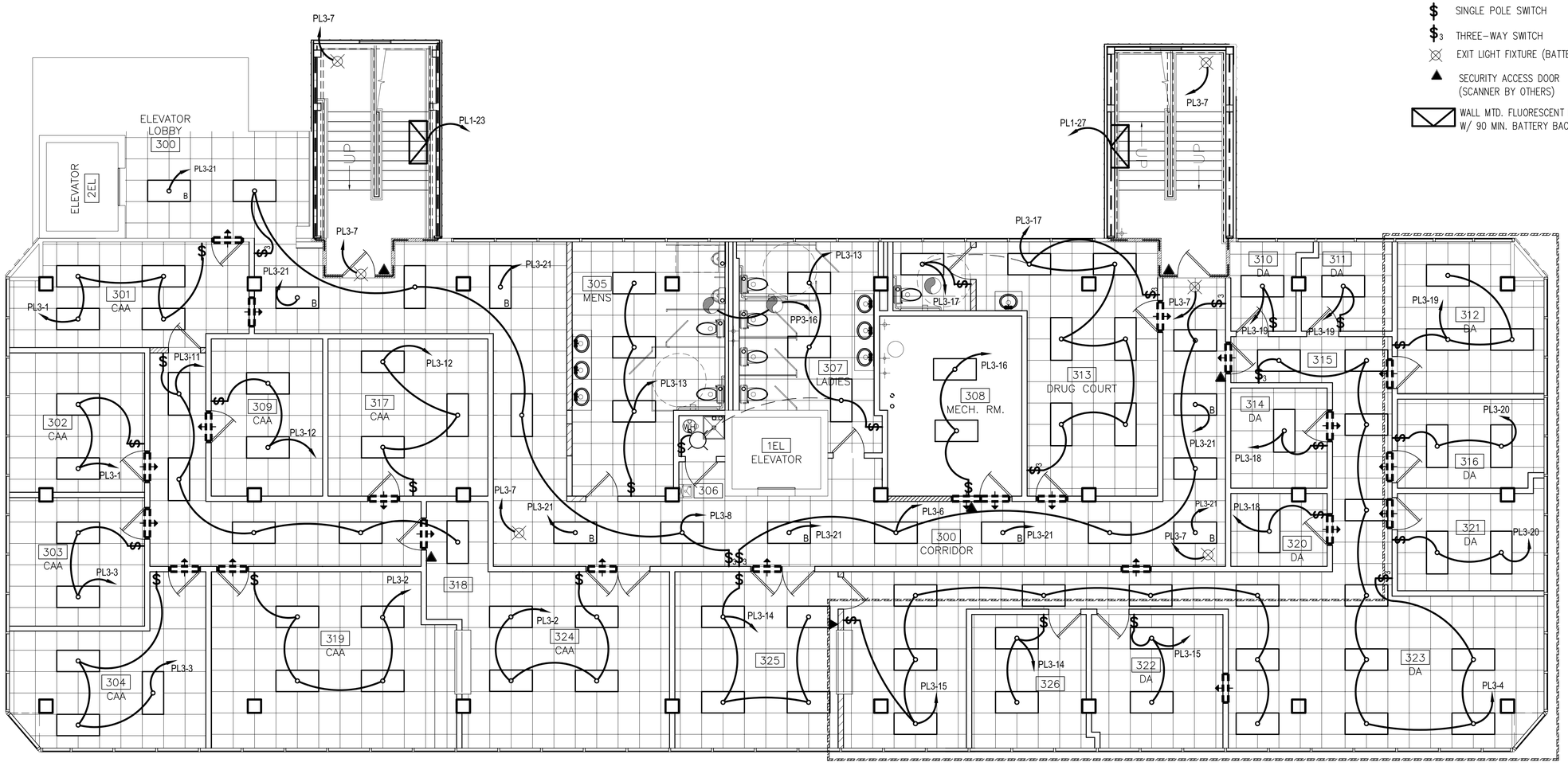
JOB NO. 1729

DATE:1-8-07

SHEET E2P OF

LEGEND

- 2X4 FLUORESCENT FIXTURE
- 2X4 FLUORESCENT FIXTURE W–BATTERY BACKUP
- $ SINGLE POLE SWITCH
- $3 THREE–WAY SWITCH
- EXIT LIGHT FIXTURE (BATTERY BACK UP).
- SECURITY ACCESS DOOR (SCANNER BY OTHERS)
- WALL MTD. FLUORESCENT FIXTURE W/ 90 MIN. BATTERY BACKUP



THIRD FLOOR LIGHTING PLAN
SCALE: 3/16"= 1'–0"

–INDICATES AREAS CHANGED– 10/17/08

RFP 6 REVISED: 10/17/08ab

CONTRACT SET- 10/10/07

3RD FLOOR LIGHTING PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985–649–5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

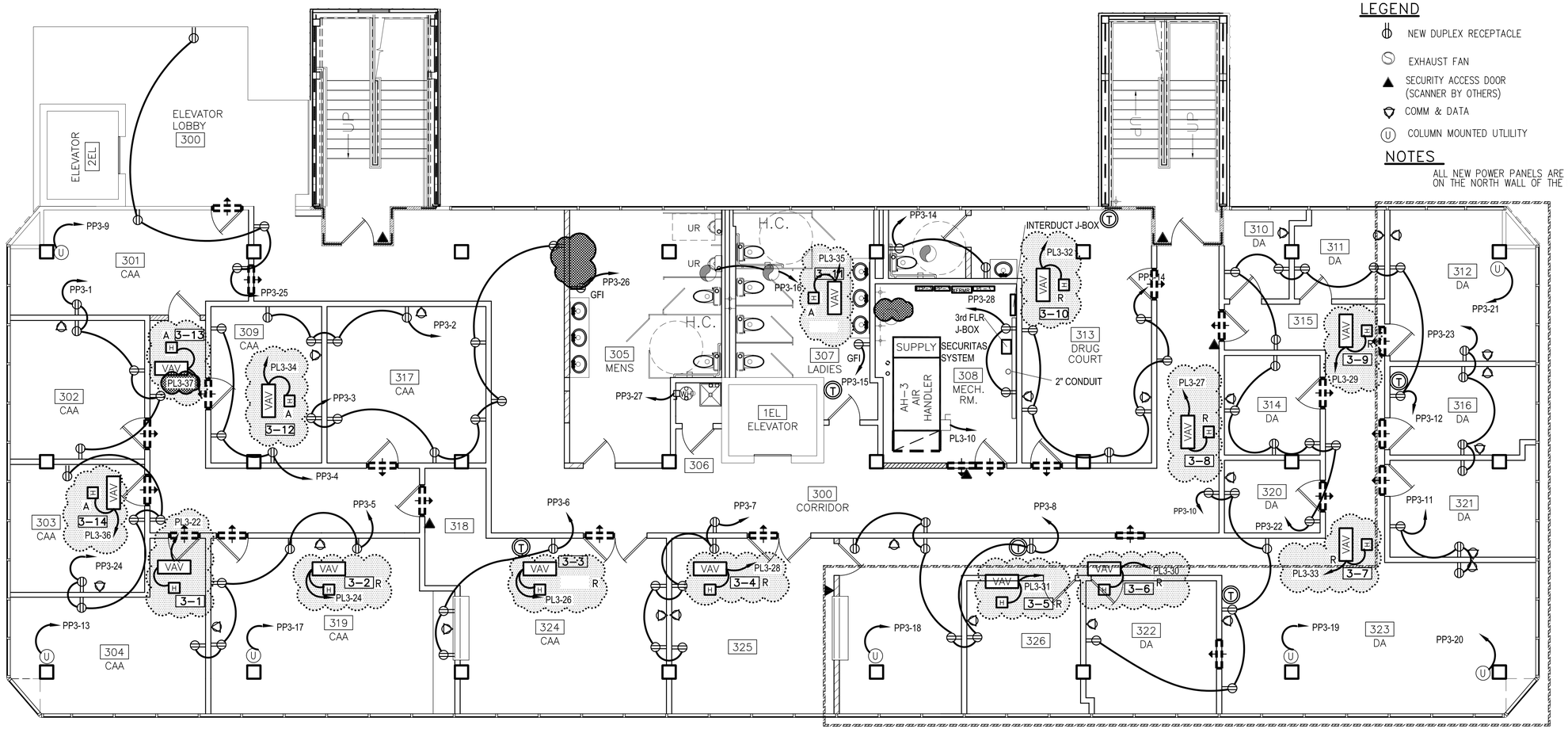
SCALE:AS NOTED

FILE:

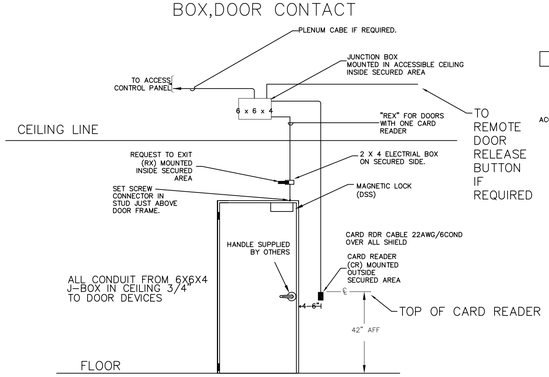
JOB NO. 1729

DATE:1–8–07

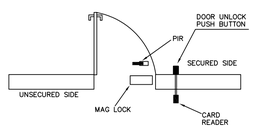
SHEET
E3L
OF



ACCESS CONTROL SINGLE DOOR WITH CARD READER, MAGNETIC LOCK, REX, JUNCTION BOX,DOOR CONTACT

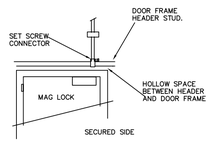


CONDUIT DOOR LAYOUT SINGLE DOOR MAG LOCK DWG



ACCESS CTRL CONDUIT LAYOUT SINGLE DOOR MAG.DWG

ALL CONDUIT IS 3/4 INCH EMT.



THIRD FLOOR POWER PLAN

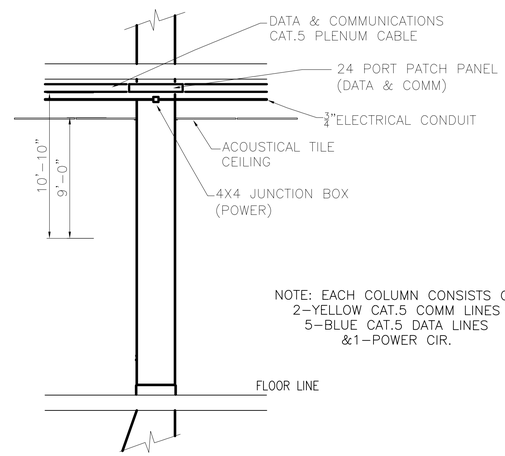
SCALE: 3/16"= 1'-0"

–INDICATES AREAS CHANGED– 10/17/08

PL1-16 –INDICATES ITEMS CHANGED– 06/27/08

–INDICATES ITEMS CHANGED– 02/26/08

0000 R –INDICATES ITEMS CHANGED– 05/29/08
R= RELOCATED
A= ADDED



NOTE: EACH COLUMN CONSISTS OF
2–YELLOW CAT.5 COMM LINES
5–BLUE CAT.5 DATA LINES
&1–POWER CIR.

COLUMN MOUNTED UTILITY DETAIL

SCALE: NTS

RFP 6 REVISED: 10/17/08 ab
STAR HVAC REVISED: 05/29/08 ab
HVAC REVISED: 02/26/08ab
HVAC REVISED: 11/05/07ab
REVISED: 01/23/07

RFP #2 11-13-07

3RD FLOOR POWER PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
OLD SPANISH TRAIL
SLIDELL, LOUISIANA

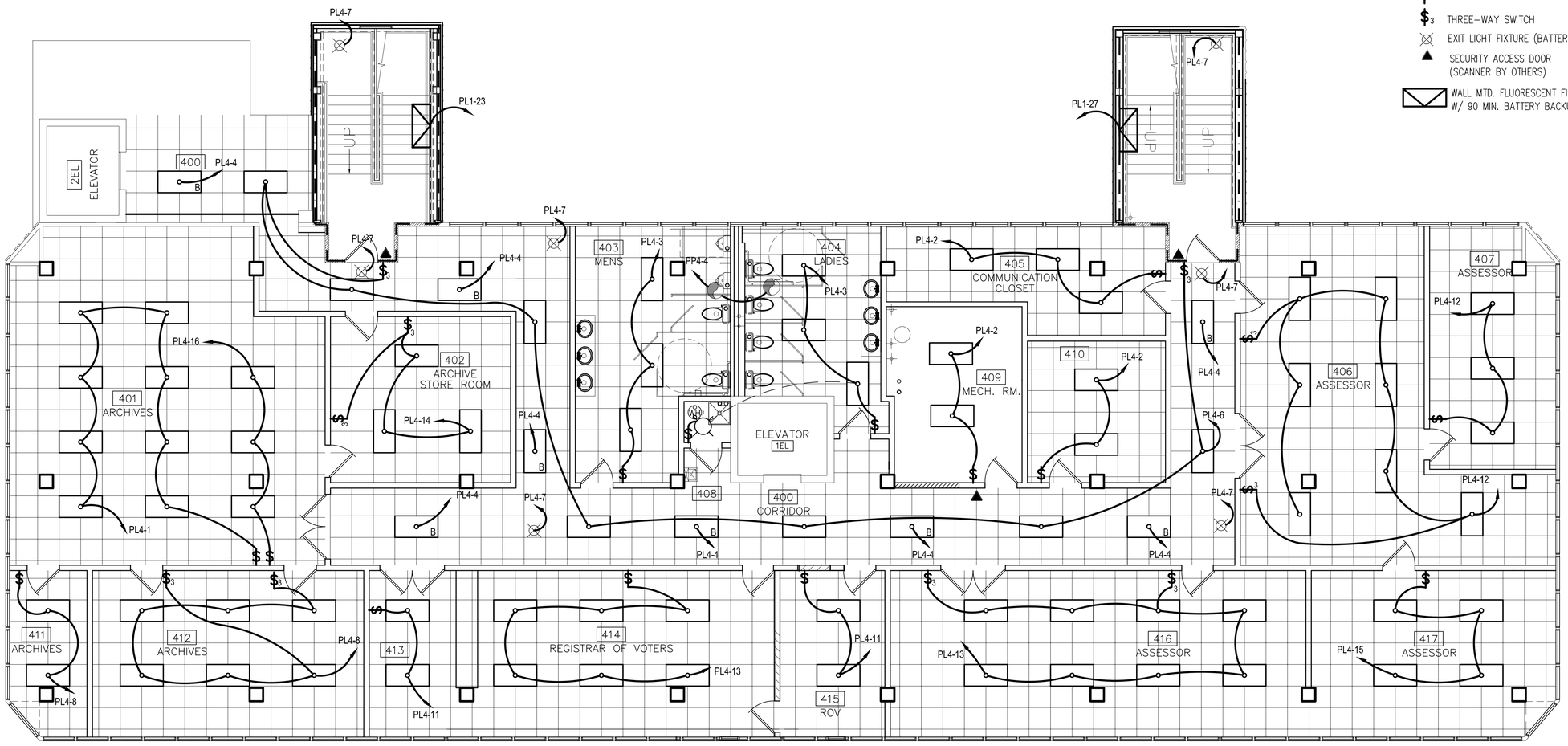
RENOVATE OFFICE BUILDING

DAMMON ENGINEERING, INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE:AS NOTED
FILE:
JOB NO. 1729
DATE:1-8-07
SHEET E3P
OF

LEGEND

- 2X4 FLUORESCENT FIXTURE
- 2X4 FLUORESCENT FIXTURE W-BATTERY BACKUP
- SINGLE POLE SWITCH
- $_3$ THREE-WAY SWITCH
- EXIT LIGHT FIXTURE (BATTERY BACK UP).
- SECURITY ACCESS DOOR (SCANNER BY OTHERS)
- WALL MTD. FLUORESCENT FIXTURE W/ 90 MIN. BATTERY BACKUP



FOURTH FLOOR LIGHTING PLAN
SCALE: 3/16"= 1'-0"

4TH FLOOR LIGHTING PLAN

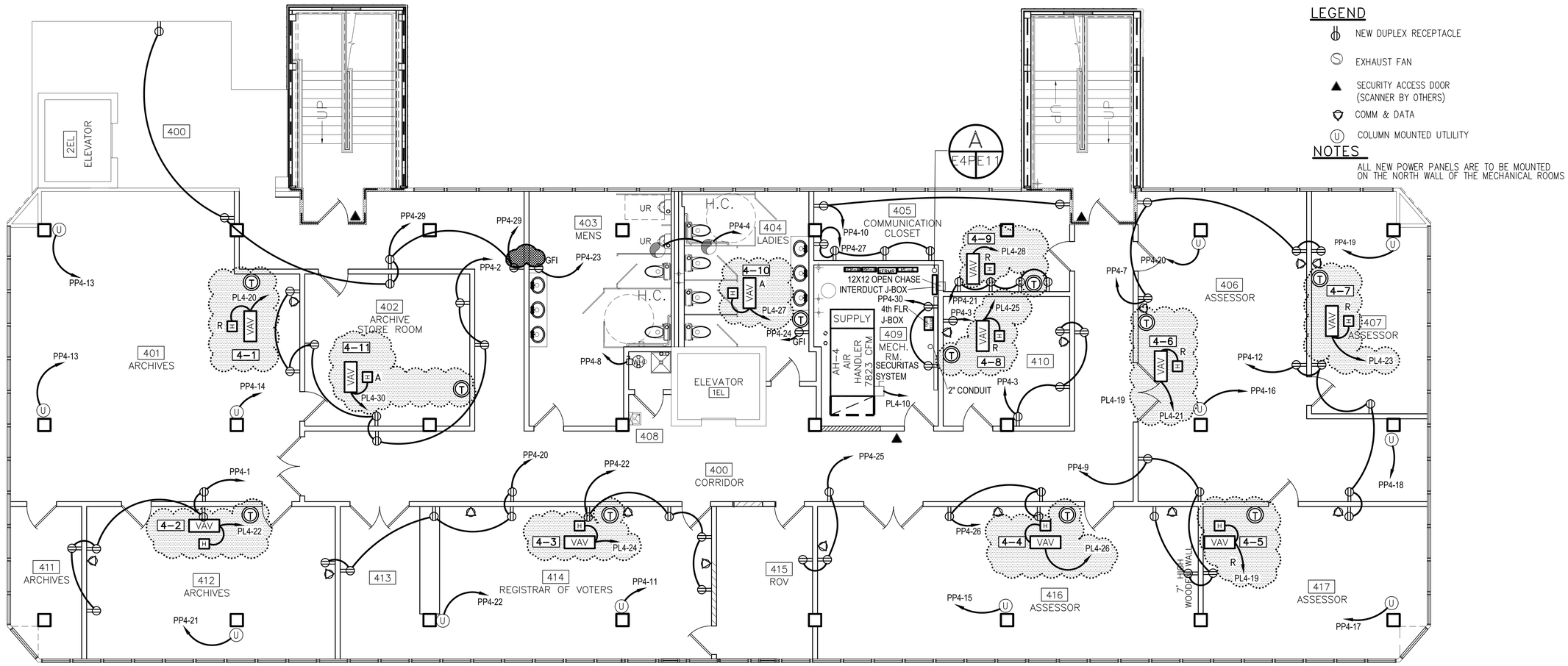
ST. TAMMANY PARISH ADMIN. COMPLEX
OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE:AS NOTED
FILE:
JOB NO. 1729
DATE:1-8-07
SHEET
E4L
OF

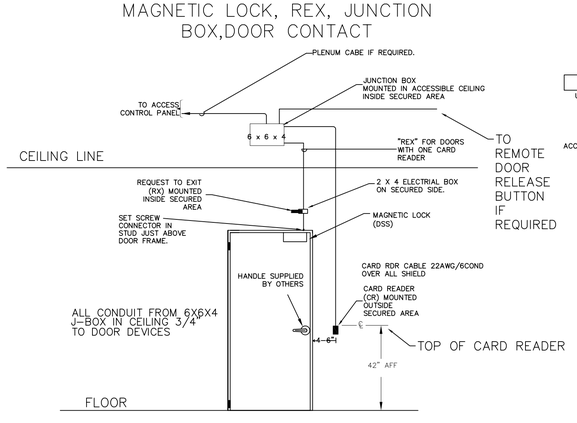
CONTRACT SET- 10/10/07



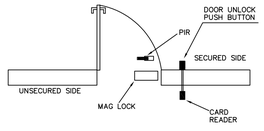
FOURTH FLOOR POWER PLAN

SCALE: 3/16"= 1'–0"

ACCESS CONTROL
SINGLE DOOR WITH CARD READER, MAGNETIC LOCK, REX, JUNCTION BOX,DOOR CONTACT

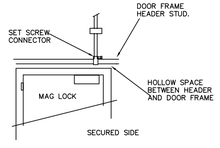


CONDUIT DOOR LAYOUT SINGLE DOOR MAG LOCK DWG



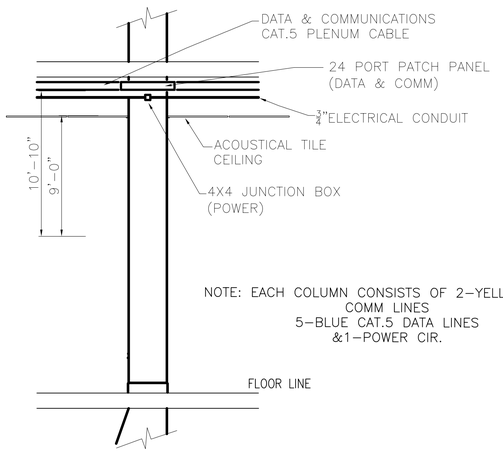
ACCESS CTRL CONDUIT LAYOUT SINGLE DOOR MAG.DWG

ALL CONDUIT IS 3/4 INCH EMT.



PL1-16 –INDICATES ITEMS CHANGED– 06/27/08

0000 R/A –INDICATES ITEMS CHANGED– 05/29/08
R= RELOCATED
A= ADDED



NOTE: EACH COLUMN CONSISTS OF 2–YELLOW CAT.5 COMM LINES
5–BLUE CAT.5 DATA LINES
&1–POWER CIR.

COLUMN MOUNTED UTILITY DETAIL

SCALE: NTS

STAR HVAC REVISED: 05/29/08 ab
HVAC REVISED: 11/04/07ab
REVISED: 01/23/07

RFP #2 11-13-07

4TH FLOOR POWER PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
OLD SPANISH TRAIL
SLIDELL, LOUISIANA

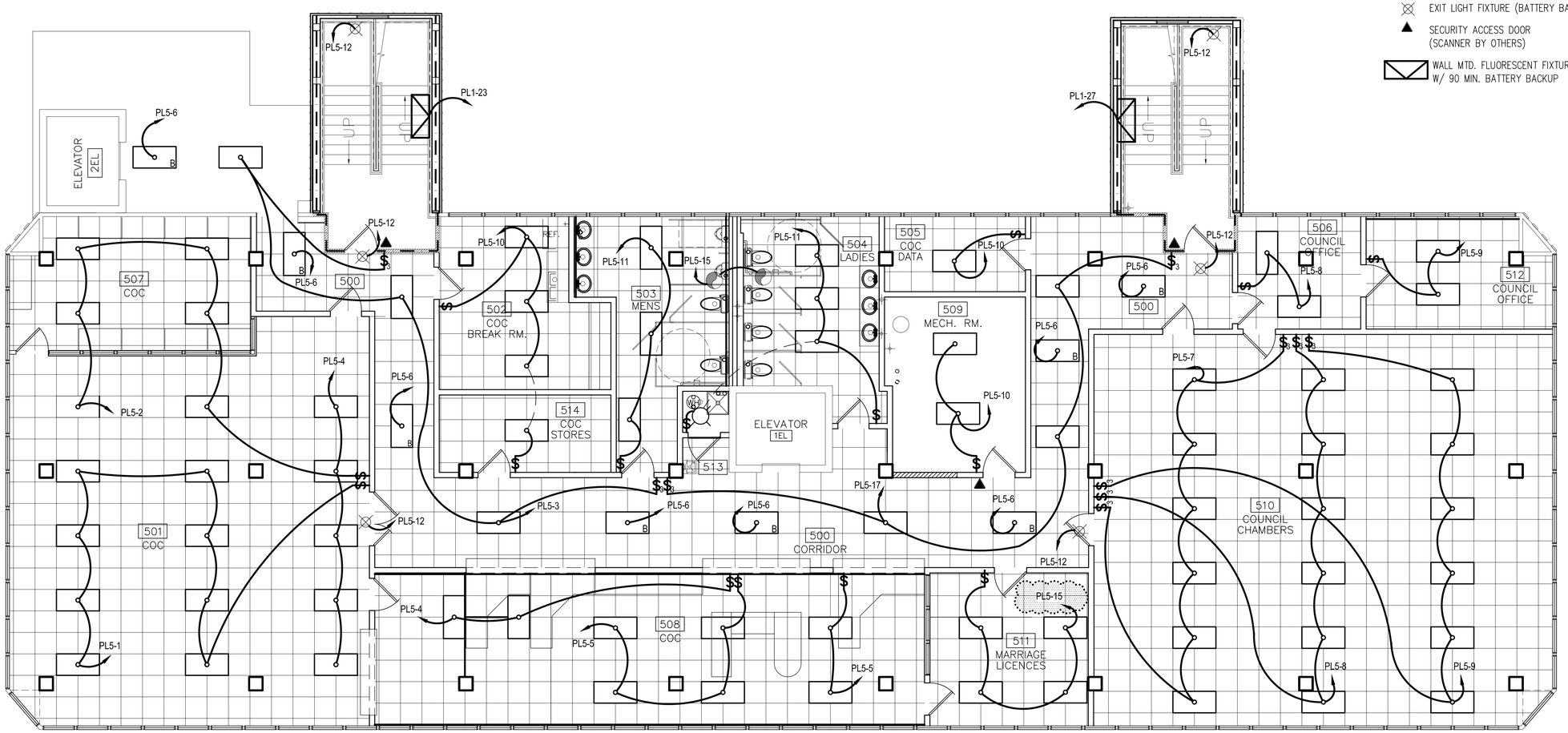
RENOVATE OFFICE BUILDING

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE:AS NOTED
FILE:
JOB NO. 1729
DATE:1–8–07
SHEET E4P
OF

LEGEND

- 2X4 FLUORESCENT FIXTURE
- 2X4 FLUORESCENT FIXTURE W–BATTERY BACKUP
- SINGLE POLE SWITCH
- $_3$ THREE–WAY SWITCH
- EXIT LIGHT FIXTURE (BATTERY BACK UP).
- SECURITY ACCESS DOOR (SCANNER BY OTHERS)
- WALL MTD. FLUORESCENT FIXTURE W/ 90 MIN. BATTERY BACKUP



FIFTH FLOOR LIGHTING PLAN
SCALE: 3/16"= 1'–0"

0000 R – INDICATES ITEMS CHANGED– 05/29/08
R= RELOCATED
A= ADDED

REVISED: 05/29/08 ab
REVISED: 01/18/07

CONTRACT SET- 10/10/07

5TH FLOOR PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985–649–5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

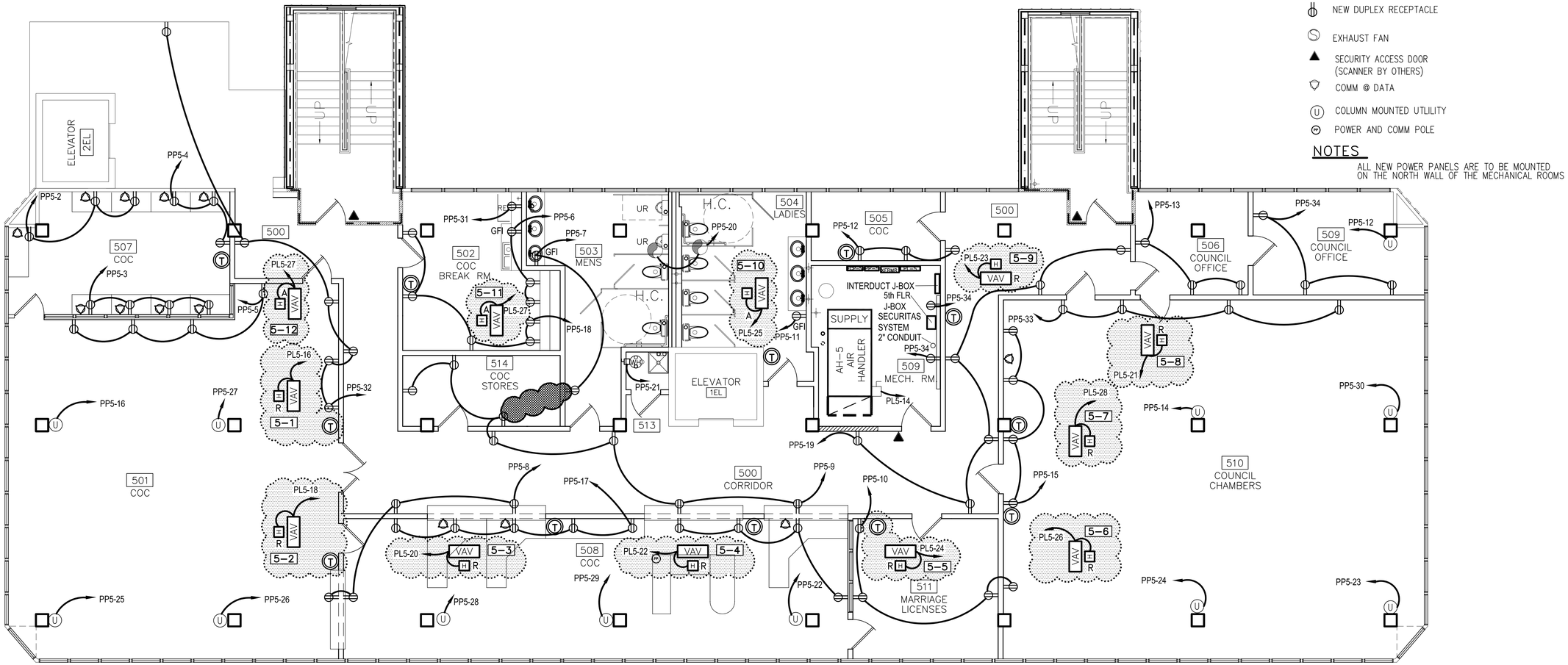
SCALE:AS NOTED
FILE:
JOB NO. 1729
DATE:1–8–07
SHEET E5L
OF

LEGEND

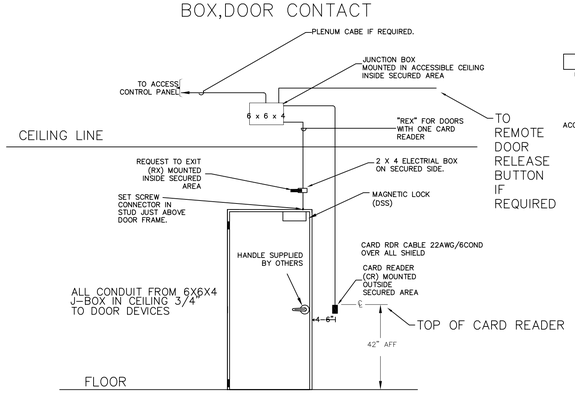
- NEW DUPLEX RECEPTACLE
- EXHAUST FAN
- SECURITY ACCESS DOOR (SCANNER BY OTHERS)
- COMM @ DATA
- (U) COLUMN MOUNTED UTLILITY
- POWER AND COMM POLE

NOTES

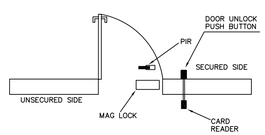
ALL NEW POWER PANELS ARE TO BE MOUNTED ON THE NORTH WALL OF THE MECHANICAL ROOMS



ACCESS CONTROL SINGLE DOOR WITH CARD READER, MAGNETIC LOCK, REX, JUNCTION BOX,DOOR CONTACT

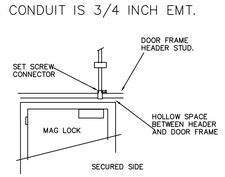


CONDUIT DOOR LAYOUT SINGLE DOOR MAG LOCK DWG



ACCESS CTRL CONDUIT LAYOUT SINGLE DOOR MAG.DWG

ALL CONDUIT IS 3/4 INCH EMT.

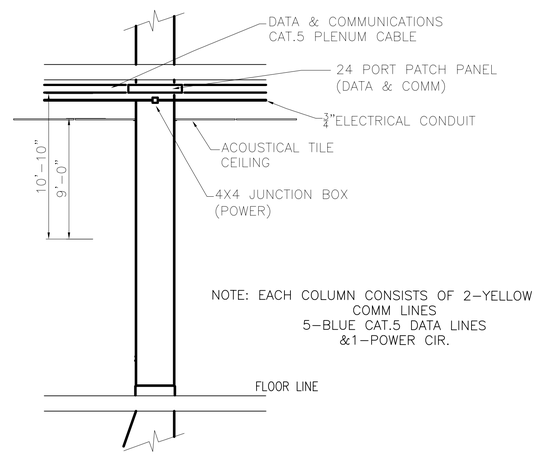


FIFTH FLOOR POWER PLAN

SCALE: 3/16"= 1'-0"

PL1-16 –INDICATES ITEMS CHANGED– 06/27/08

0000 R: –INDICATES ITEMS CHANGED– 05/29/08
R= RELOCATED
A= ADDED



NOTE: EACH COLUMN CONSISTS OF 2–YELLOW CAT.5 COMM LINES
5–BLUE CAT.5 DATA LINES
&1–POWER CIR.

COLUMN MOUNTED UTILITY DETAIL

SCALE: NTS

STAR HVAC REVISED: 05/29/08 ab
HVAC REVISED: 11/05/07ab
REVISED: 01/23/07

RFP #2 11-13-07

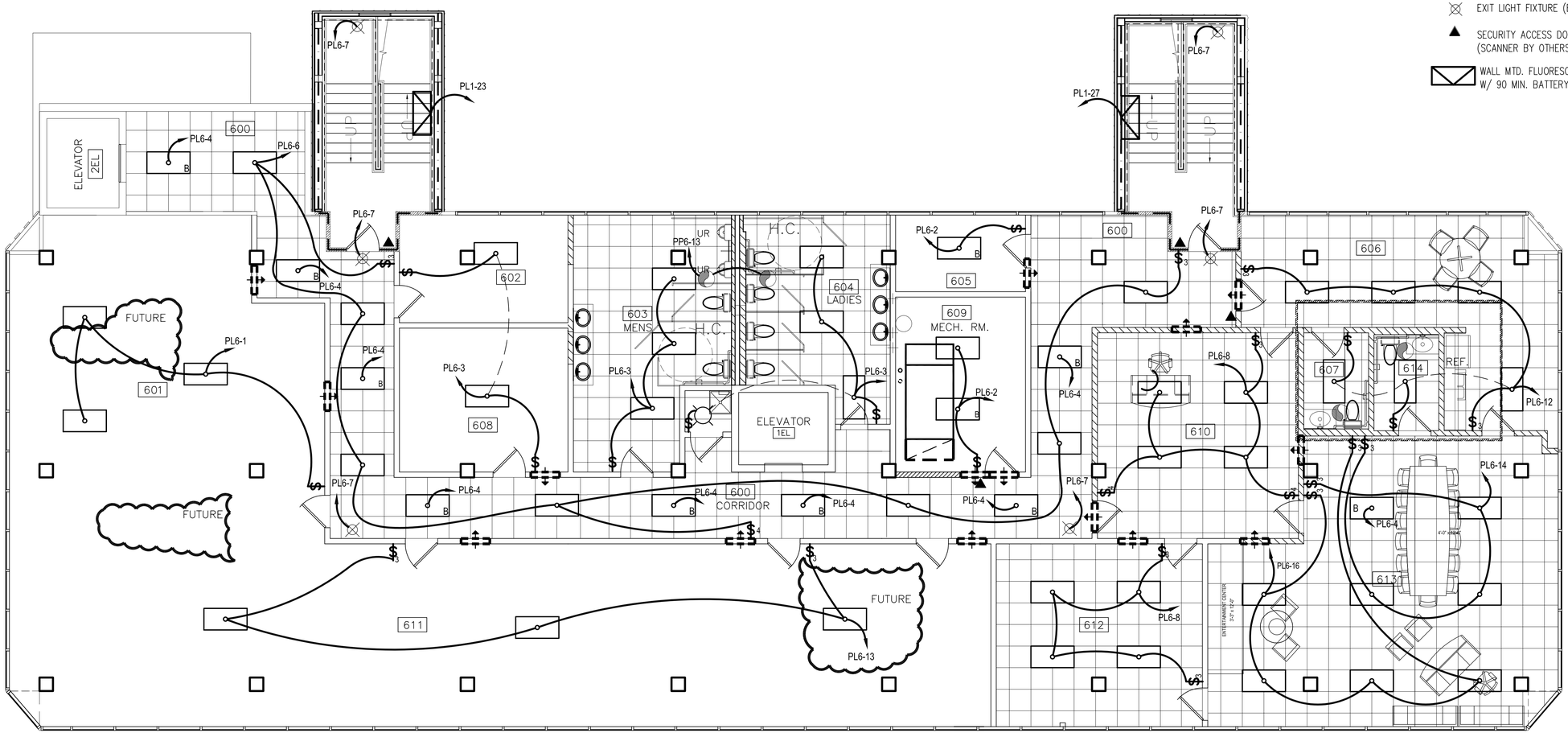
5TH FLOOR POWER PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE PRIVATE OFFICE BUILDING

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE:AS NOTED
FILE:
JOB NO. 1729
DATE:1-8-07
SHEET E5P
OF



SIXTH FLOOR LIGHTING PLAN
SCALE: 3/16"= 1'-0"

—INDICATES AREAS & ITEMS CHANGED— 10/17/08

RFP 6 REVISED: 10/17/08ab

CONTRACT SET- 10/10/07

6TH FLOOR LIGHTING PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

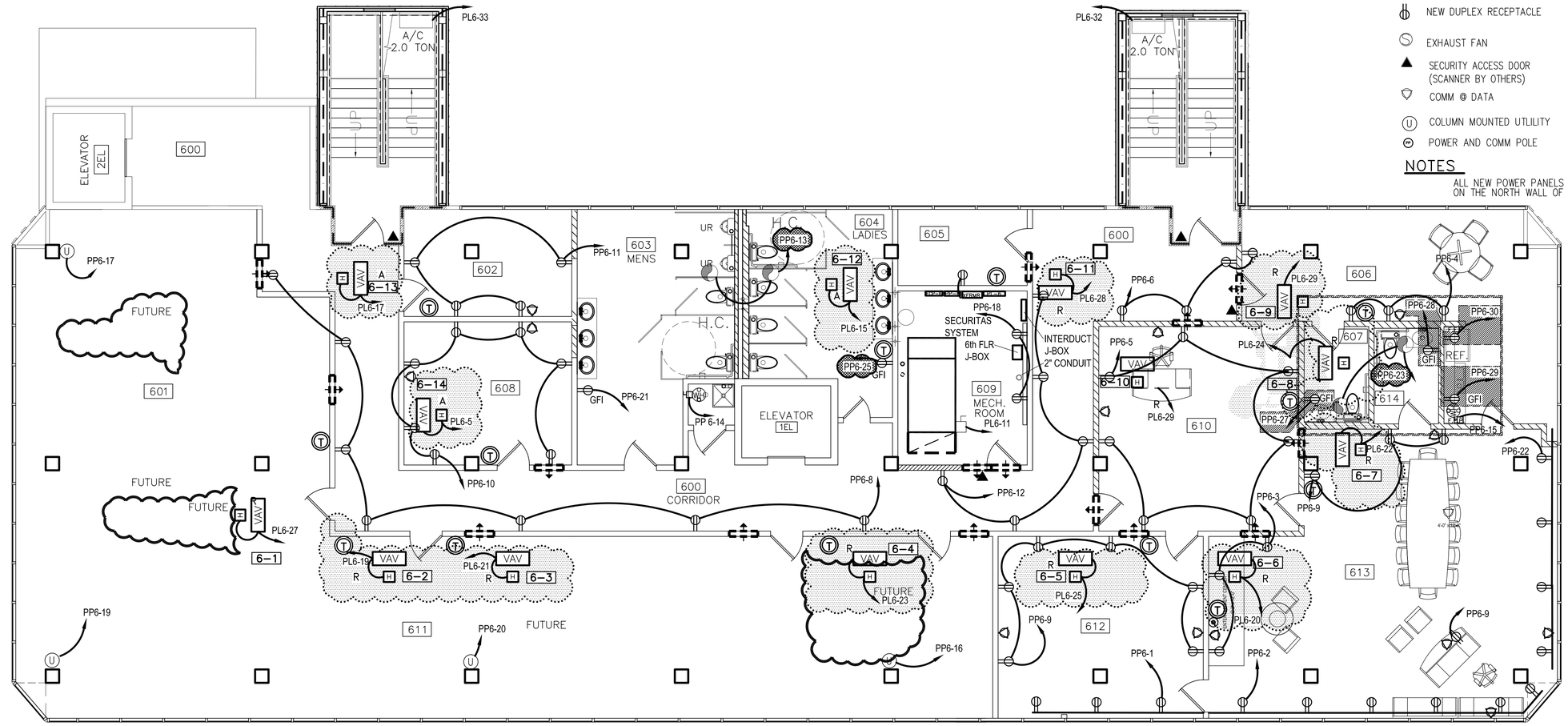
SCALE:AS NOTED

FILE:

JOB NO. 1729

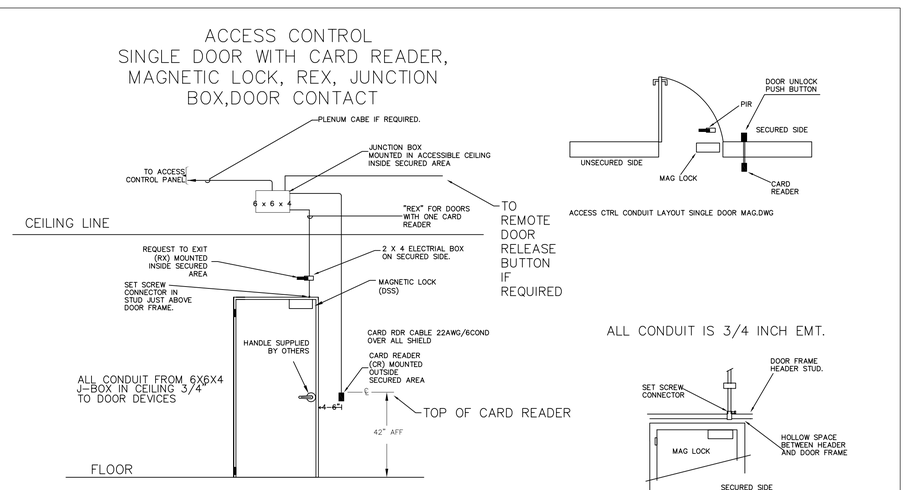
DATE:1-8-07

SHEET
E6L
OF



SIXTH FLOOR POWER PLAN

SCALE: 3/16"= 1'-0"



CONDUIT DOOR LAYOUT SINGLE DOOR MAG LOCK DWG

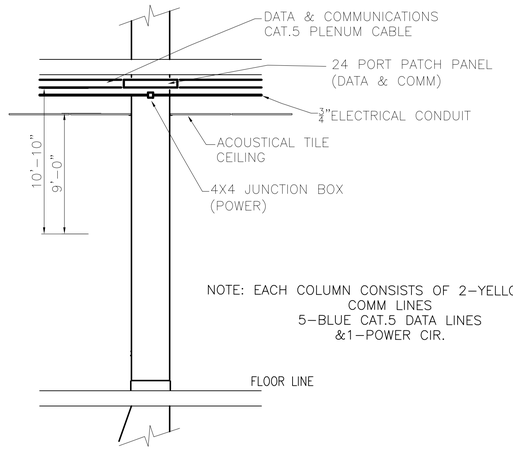
ACCESS CTRL CONDUIT LAYOUT SINGLE DOOR MAG.DWG

ALL CONDUIT IS 3/4 INCH EMT.

4.3.2.4 –INDICATES AREAS & ITEMS CHANGED– 10/17/08

PL1-16 –INDICATES ITEMS CHANGED– 06/27/08

0000 R –INDICATES ITEMS CHANGED– 05/29/08
R= RELOCATED
A= ADDED



NOTE: EACH COLUMN CONSISTS OF 2–YELLOW CAT.5 COMM LINES
5–BLUE CAT.5 DATA LINES
&1–POWER CIR.

COLUMN MOUNTED UTILITY DETAIL

SCALE: NTS

RFP 6 REVISED: 10/17/08 ab
STAR HVAC REVISED: 05/29/08 ab
HVAC REVISED: 11/05/07ab
REVISED: 04/23/07
REVISED: 01/23/07

RFP #2 11-13-07

6TH FLOOR POWER PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING, INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

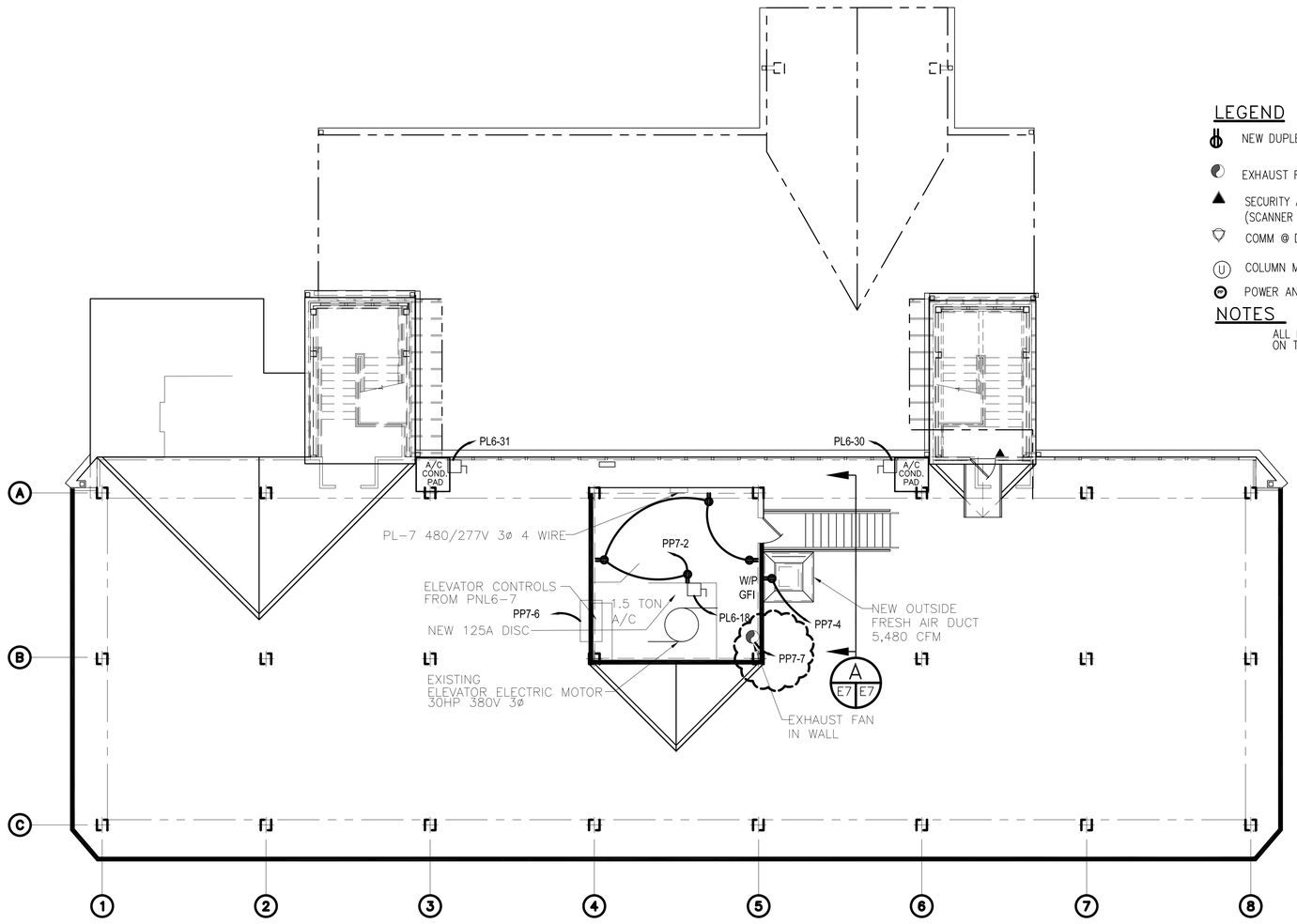
SCALE:AS NOTED

FILE:

JOB NO. 1729

DATE:1-8-07

SHEET
E6P
OF

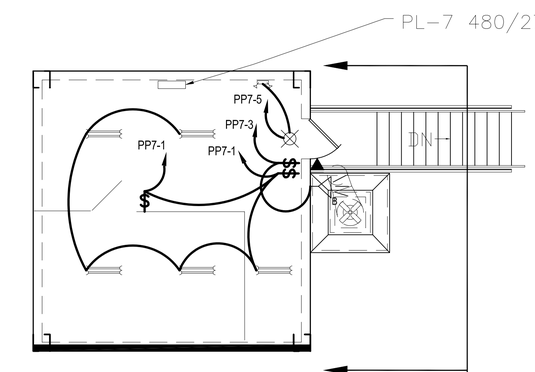


LEGEND

- NEW DUPLEX RECEPTACLE
- EXHAUST FAN
- SECURITY ACCESS DOOR (SCANNER BY OTHERS)
- COMM @ DATA
- COLUMN MOUNTED UTLILITY
- POWER AND COMM POLE
- SINGLE POLE SWITCH
- $_3$ THREE-WAY SWITCH
- EXIT LIGHT FIXTURE (BATTERY BACK UP).
- SECURITY ACCESS DOOR (SCANNER BY OTHERS)
- TWO TUBE 4' FLOURESCENT
- OUTSIDE FLOOD WORK LIGHTS 120/240 V 250W HPS W/ BATTERY BACKUP

NOTES

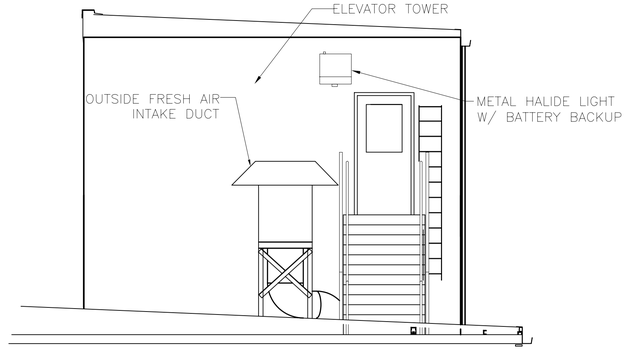
ALL NEW POWER PANELS ARE TO BE MOUNTED ON THE NORTH WALL OF THE MECHANICAL ROOMS



ELEVATOR TOWER LIGHTING PLAN
NTS

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

-INDICATES ITEMS CHANGED- 02/26/08



SECTION A E7 E7
SCALE: 1/4"= 1'-0"

HVAC REVISED: 02/26/08ab
HVAC REVISED: 11/05/07ab
REVISED: 05/17/07ab
REVISED: 05/07/07ab
REVISED: 03/07/07ab

RFP #2 11-13-07

ROOF ELECTRICAL PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE:AS NOTED
FILE:
JOB NO. 1729
DATE:1-8-07
SHEET E7
OF

PANEL: PL-2
LOCATION: TOWERS BLDG 2ND FLOOR
FEEDER SOURCE: LP-1

VOLTAGE: 277/440V, 200A 3PH, 4W
EXISTING SURFACE MOUNT WITH PNL

CKT. NO.	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)		LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	CKT. NO.
1	SPARE	20	1	–		–	1	20	NORTH LTS	2
3	KITCHEN LTS	20	1	–		–	1	20	NORTH LTS	4
5	HALL LTS	20	1	–		–	1	20	SOUTH LTS	6
7	SPARE	–	–	–		–	1	20	SOUTH LTS	8
9	XFRMR 7KA	20	3	–		–	–	–	SPARE	10
11										12
13										14
15	AIR HANDLING UNIT	20	3	–		–	–	–	SPARE	16
17										18
19										20
21	A/C COMPRESSOR	70	3	–		–	–	–	SPARE	22
23										24
25										26
27	SPARE	–	–	–		–	–	–	SPARE	28
29	SPARE	–	–	–		–	–	–	SPARE	30

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA)
Aø= Bø=

GROUND BUS
GROUND WIRE (G)

PANEL: PL-4
LOCATION: TOWERS BLDG 4TH FLOOR
FEEDER SOURCE: LP-1

VOLTAGE: 277/440V, 200A 3PH, 4W
EXISTING SURFACE MOUNT WITH PNL

CKT. NO.	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)		LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	CKT. NO.
1	NORTH LTS	20	1	–		–	1	20	NORTH LTS	2
3	CTR LTS	20	1	–		–	1	20	CTR LTS	4
5	CORRIDOR LTS	20	1	–		–	1	20	SOUTH ROW LTS	6
7	SPARE	–	–	–		–	1	20	SOUTH ROW LTS	8
9	XFRMR 70KVA	30	3	–		–	3	20	XFRMR 15KVA	10
11										12
13										14
15	A/C FAN	20	1	–		–	–	–	SPARE	16
17	A/C COMPRESSOR	70	3	–		–	–	–	SPARE	18
19										20
21										22
23	SPARE	–	–	–		–	–	–	SPARE	24
25	SPARE	–	–	–		–	–	–	SPARE	26
27	SPARE	–	–	–		–	–	–	SPARE	28
29	SPARE	–	–	–		–	–	–	SPARE	30

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA)
Aø= Bø=

GROUND BUS
GROUND WIRE (G)

PANEL: PL-6
LOCATION: TOWERS BLDG 6TH FLOOR
FEEDER SOURCE: LP-1

VOLTAGE: 277/440V, 200A 3PH, 4W
EXISTING SURFACE MOUNT WITH PNL

CKT. NO.	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)		LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	CKT. NO.
1	NORTH LTS	20	1	–		–	1	20	NORTH LTS	2
3	NORTH CENTER LTS	20	1	–		–	1	20	NORTH CENTER LTS	4
5	CORRIDOR LTS	20	1	–		–	1	20	SOUTH ROW LTS	6
7	SPARE	–	–	–		–	1	20	SOUTH LTS	8
9	XFRMR15KVA	20	3	–		–	3	70	A/C COMPRESSOR	10
11										12
13										14
15	COOLING TOWER FAN	40	1	–		–	3	40	COOLING TOWER FAN	16
17	A/C COMPRESSOR	70	3	–		–	–	–	SPARE	18
19										20
21										22
23	ELEVATOR	20	1	–		–	–	–	SPARE	24
25	SPARE	–	–	–		–	–	–	SPARE	26
27	SPARE	–	–	–		–	–	–	SPARE	28
29	SPARE	–	–	–		–	–	–	SPARE	30

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA)
Aø= Bø=

GROUND BUS
GROUND WIRE (G)

PANEL: PL-3
LOCATION: TOWERS BLDG 3RD FLOOR
FEEDER SOURCE: LP-1

VOLTAGE: 277/440V, 200A 3PH, 4W
EXISTING SURFACE MOUNT WITH PNL

CKT. NO.	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)		LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	CKT. NO.
1	NORTH LTS	20	1	–		–	1	20	NORTH LTS	2
3	CTR LTS	20	1	–		–	1	20	LTS WOMEN	4
5	CORRIDOR LTS	20	1	–		–	1	20	SOUTH LTS	6
7	SPARE	–	–	–		–	1	20	SOUTH LTS	8
9	XFRMR 10KA	70	3	–		–	–	–	SPARE	10
11										12
13										14
15	BOOSTER FAN	20	1	–		–	–	–	SPARE	16
17	A/C COMPRESSOR	70	3	–		–	–	–	SPARE	18
19										20
21										22
23	SPARE	–	–	–		–	–	–	SPARE	24
25	SPARE	–	–	–		–	–	–	SPARE	26
27	SPARE	–	–	–		–	–	–	SPARE	28
29	SPARE	–	–	–		–	–	–	SPARE	30

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA)
Aø= Bø=

GROUND BUS
GROUND WIRE (G)

PANEL: PL-5
LOCATION: TOWERS BLDG 5TH FLOOR
FEEDER SOURCE: LP-1

VOLTAGE: 277/440V, 200A 3PH, 4W
EXISTING SURFACE MOUNT WITH PNL

CKT. NO.	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)		LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	CKT. NO.
1	HALL LTS	20	1	–		–	1	20	FRONT OFFICE	2
3	RESTROOMS	20	1	–		–	–	–	SPARE	4
5	JURY ROOM	20	1	–		–	1	20	VOTERS ROOM	6
7	SPARE	–	–	–			1	20	VOTERS ROOM	8
9	LV XFRMR 10KVA	20	3	–		–	–	–	SPARE	10
11										12
13										14
15	XFRM 10 KVA	40	3	–		–	–	–	SPARE	16
17										18
19										20
21	A/C COMPRESSOR	70	3	–		–	–	–	SPARE	22
23										24
25										26
27	A/C FAN	20	2	–		–	–	–	SPARE	28
29	VOTERS LTS	20	2	–		–	–	–	SPARE	30

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA)
Aø= Bø=

GROUND BUS
GROUND WIRE (G)

EXISTING POWER PANELS

EXISTING POWER PANELS

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE:AS NOTED

FILE:

JOB NO.

DATE:1-8-07

SHEET
E8
OF

CONTRACT SET- 10/10/07

PANEL: MDP–1
LOCATION: TOWERS BLDG 2ND FLOOR
FEEDER SOURCE: CLECO

VOLTAGE: 277/440V, (800A) 3ø, 4W
NEW SURFACE MOUNT PNL
SQUARE D TYPE QMB LOAD CENTER W/MAIN BRKR.
AND REMOTE 110/240V SHUNT TRIP BUTTON NORTH WALL

CKT. NO.	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	CKT. NO.
1	PL1 (CKT 1)	200	3	109433	101833	3	200	PL2 (CKT 2)	2
3	PL3 (CKT 3)	200	3	137533	121333	3	200	PL4 (CKT 4)	4
5	PL5 (CKT 5)	200	3	120983	164662	3	200	PL6 (CKT 6)	6
7	80 TON PL7 CHILLER 1 (CKT 7)	250	3	96000	96000	3	200	80 TON PL8 CHILLER 2 (CKT 8)	8

800
Aø Bø Cø

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA)
Aø=259057 Bø=259057 Cø=259057

COPPER GROUND BUS
GROUND WIRE (G)

PANEL: PL–1
LOCATION: TOWERS BLDG 2ND FLOOR
FEEDER SOURCE: MDP 1 CKT 1

VOLTAGE: 277/440V, 200A 3PH, 4W
NEW SURFACE MOUNT PNL
SQUARE D TYPE QO LOAD CENTER W/MAIN BRKR.

CKT. NO.	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	CKT. NO.
1	ROOMS 106, 113, 116, 119 LIGHTS	20	1	1400	1000	1	20	EAST STORAGE LIGHTS	2
3	REST ROOM LIGHTS	20	1	1200	1000	1	20	EAST HALL LIGHTS	4
5	SPARE	20	1	–	1200	1	20	WEST HALL LIGHTS	6
7	EMERGENCY LIGHTS	20	1	400	1000	1	20	PORTRAIT SPOTS EAST HALL	8
9	XFRMR 37.5 KVA TO LP–1 277–240V/120V	150	1	37500	10000	3	20	AH–1 AIR HANDLER ROOM 202	10
9A	SPACE	–	–	–					
11	SPACE	–	–	–					
13	SPACE	–	–	–	11000	1	40	DUCT HTR. 1–1W. EXIT CORR.	12
15	SPACE	–	–	–	9000	1	40	DUCT HTR. 1–2 NE EXIT CORR.	14
17	PARKING LOT LIGHTING, EAST	20	1	1800	14000	1	50	DUCT HTR. 1–3 SE EXIT CORR.	16
19	PARKING LOT LIGHTING, WEST	20	1	1800	–	1	20	SPARE	18
21	PARKING LOT LIGHTING, FRONT	20	1	1800	1000	1	30	PORTRAIT SPOTS WEST HALL	20
23	STAIRWELL FLUORESCENTS WEST	20	1	200	2000	1	20	FUTURE 277V OUTDOOR LIGHTING	22
25	FRONT BUILDING LIGHTS	20	1	1800	2000	1	20	FUTURE 277V OUTDOOR LIGHTING	24
27	STAIRWELL FLUORESCENTS EAST	20	1	200	2000	1	20	FUTURE 277V OUTDOOR LIGHTING	26
29	NIGHTLIGHTS	20	1	1600	1400	1	20	PORTE COCHERE LIGHTING	28
31	SPACE	–	–	–	1600	1	20	NIGHTLIGHTS	30
33	SPACE	–	–	–	18000	1	70	DUCT HEATER #1–4 NE MEZZ.	32
35	SPACE	–	–	–	–	–	–	SPACE	34
37	SPACE	–	–	–	–	–	–	SPACE	36
39	SPACE	–	–	–	–	–	–	SPACE	38

Aø Bø Cø

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA)
Aø=28133 Bø=42450 Cø=39050

GROUND BUS
GROUND WIRE (G)

PANEL: PL–2
LOCATION: MECHANICAL ROOM 2ND FLOOR
FEEDER SOURCE: MDP 1 CKT 2

VOLTAGE: 277/440V, 200A 3PH, 4W
NEW SURFACE MOUNT PNL
SQUARE D TYPE QO LOAD CENTER W/MAIN BRKR.

CKT. NO.	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	CKT. NO.
1	ROOM 209 LIGHTS	20	1	1600	1600	1	20	ROOM 209 LIGHTS	2
3	ROOM 210, 211 LIGHTS	20	1	1100	1600	1	20	ROOM 215, 216, 217 LIGHTS	4
5	SPARE	30	1	–	1600	1	20	WEST HALL LIGHTS	6
7	EMERGENCY LIGHTS	20	1	400	1400	1	20	EAST HALL LIGHTS	8
9	XFRMR 37.5 KVA TO PP–2 277/–240V/120V	150	1	37500	–	3	20	SPARE	10
9A	SPACE								
11	ROOM 208 LIGHTS	20	1	800	–	3	20	SPARE	
13	ROOM 205, 206, 213, 214 LTS.	20	1	1500	400	1	20	ROOM 218 LIGHTS	12
15	ROOM 202 MEZZ. LIGHTS	20	1	1200	–	1	20	SPARE	14
17	VAV/HTR #2–1 ROOM 209	30	1	2000	1600	1	20	NIGHT LIGHTS	16
19	VAV/HTR #2–4 ROOM 219	40	1	2000					
21	VAV/HTR #2–2 ROOM 215	30	1	2000	10000	3	30	AH–2 AIR HANDLER	18
23	VAV/HTR #2–3 ROOM 216	30	1	2000					
25	VAV/ HTR #2–5 ROOM 208	30	1	2000	5500	1	30	VAV/ HTR #2–6 ROOM 208	20
27	VAV/ HTR # 2–8 ROOM 214	30	1	5500	5500	1	30	VAV/ HTR #2–7 ROOM 208	22
29	VAV/ HTR # 2–10 ROOM 211	20	1	2000	8000	1	40	VAV/ HTR #2–9 ROOM 206	24
31	SPACE	–	–	–	8000	1	40	VAV/ HTR #2–11 ROOM 209	26
33	SPACE	–	–	–	–	–	–	SPACE	28
35	SPACE	–	–	–	–	–	–	SPACE	30
37	SPACE	–	–	–	–	–	–	SPACE	32
					–	–	–	SPACE	34

Aø Bø Cø

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA)
Aø=24233 Bø=42250 Cø=37850

GROUND BUS
GROUND WIRE (G)

PANEL: PP–1
LOCATION: TOWERS BLD 2ND FLOOR NEW MECHANICAL ROOM
FEEDER SOURCE:PP–11 CKT 9

VOLTAGE: 240/120V, 125A 1ø ML
TYPE: SURFACE MOUNT WITH EQ. GRND. BAR, MAIN BRKR
SQUARE D TYPE QO LOAD CENTER

CKT. NO.	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	CKT. NO.
1	N. LOBBY/ CORR. RECEPTACLES	20	1	1620	1080	1	20	CONFERENCE ROOM RECEPTACLES	2
3	**LADIES RESTROOM GFI RECEPT.**	20	1	1620	1000	1	20	CONFERENCE ROOM RECEPTACLES	4
5	MAIN LOBBY RECEPTACLES	20	1	1260	1440	1	20	WATER HEATER	6
7	RESTROOM EXHAUST VENTS	20	1	500	1000	1	20	EXTERIOR GFI RECEPTACLES EAST	8
9	UTILITY COLUMN ROOM 116	20	1	1200	1000	1	20	EXTERIOR GFI RECEPTACLES WEST	10
11	RESTROOM RECEPTACLES	20	1	1000	1200	1	20	UTILITY COLUMN ROOM 115	12
13	RECEPTACLES RM 120	20	1	1000	1000	1	20	RECEPTACLES RM 113	14
15	**ROOM 111 RECEPTACLES**	**20**	**1**	**600**	**200**	**1**	**20**	**MENS RESTROOM GFI RECEPT.**	16
	SPACE			–	–			SPACE	18
	SPACE			–	–			SPACE	20
	SPACE			–	–			SPACE	22
	SPACE			–	–			SPACE	24

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA)
Aø=**10200** Bø=**6520**

GROUND BUS
GROUND WIRE (G)

PANEL: PP–2
LOCATION: TOWERS BLD 2ND FLOOR NEW MECHANICAL ROOM
FEEDER SOURCE:PL–2 CKT 9

VOLTAGE: 240/120V, 125A 1ø ML
TYPE: SURFACE MOUNT WITH EQ. GRND. BAR, MAIN BRKR
SQUARE D TYPE QO LOAD CENTER

CKT. NO.	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	CKT. NO.
1	SPARE			–	1080	1	20	PERMITS/ ELEV. EQ. RECEPT.	2
3	PERMIT WAITING/ ROOM. 211 RECEPTACLES	20	1	1620	1000	1	20	VETERANS RECEPTACLES	4
5	**MENS RESTROOM GFI RECEPT.**	20	1	1260	1440	1	20	ROOM 214 RECEPTACLES	6
7	CORRIDOR RECEPTACLES	20	1	1400	1000	1	20	UTILITY COLUMN ROOM 208	8
9	UTILITY COLUMN ROOM 209	20	1	1000	1000	1	20	UTILITY COLUMN ROOM 208	10
11	MEZZANINE RECEPTACLES	20	1	**1200**	500	1	20	RESTROOM EXHAUST FANS	12
13	WATER HEATER	30	1	3000	1000	1	30	MECHANICAL ROOM RECEPT.	14
15	UTILITY COLUMN ROOM 209	20	1	1000	–	1	20	SPARE	16
17	UTILITY COLUMN ROOM 209	20	1	1000	1000	1	20	UTILITY COLUMN ROOM 208	18
19	UTILITY COLUMN ROOM 209 E.	20	1	1000	1000	1	20	UTILITY COLUMN ROOM 217	20
21	**ROOMS 215, 216, 218 RECEPT.**	20	1	540	900	1	20	**SPARE**	22
23	UTILITY COLUMN ROOM 219	20	1	1200	720	1	20	ROOM 219 RECEPTACLES	24
25	ROOM 219 RECEPTACLES	20	1	720	1000	1	20	**SPARE**	26
27	**SPARE**	20	1	**–**	500	1	20	SECURITAS SYSTEM	28
29	**LADIES RESTROOM GFI RECEPT.**	**20**	**1**	**200**	–			SPACE	30
31	SPACE			–	–			SPACE	32
33	SPACE			–	–			SPACE	34
35	SPACE			–	–			SPACE	36
37	SPACE			–	–			SPACE	38
39	SPACE			–	–			SPACE	40
41	SPACE			–	–			SPACE	42

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA)
Aø=**15140** Bø=**12140**

GROUND BUS
GROUND WIRE (G)

NEW POWER PANELS

NOTE:
CONTRACTOR SHALL BALANCE ALL PANELS.

0000 –INDICATES ITEMS CHANGED– 01/28/09 PER kd– ab
102133 –INDICATES ITEMS CHANGED– 06/26/08
–INDICATES ITEMS CHANGED– 02/26/08
0000 –INDICATES ITEMS CHANGED– 05/29/08

STAR HVAC REVISED: 05/29/08 ab
HVAC REVISED: 02/26/08 ab
HVAC REVISED: 11/05/07 ab
REVISED: 05/09/07 KD

RFP #2 11-13-07

NEW POWER PANELS

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985–649–5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE:AS NOTED
FILE:
JOB NO.
DATE:1–8–07
SHEET
E9
OF

PANEL: PL-3
LOCATION: MECHANICAL ROOM 3RD FLOOR
FEEDER SOURCE: MDP 1 CKT 3

VOLTAGE: 277/440V, 200A 3PH, 4W
NEW SURFACE MOUNT PNL
SQUARE D TYPE QO LOAD CENTER W/MAIN BRKR.

CKT. NO.	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	CKT. NO.
1	ROOMS 301 & 302 LIGHTS	20	1	1200	800	1	20	ROOM 319 & 324 LIGHTS	2
3	ROOMS 303 & 304 LIGHTS	20	1	1000	400	1	20	HALLWAY/ ROOM 315 LIGHTS	4
5	SPARE	20	1	–	1200	1	20	EAST HALL LIGHTS	6
7	EMERGENCY LIGHTS	20	1	400	1000	1	20	WEST HALL LIGHTS	8
9	XFRMR 37.5 KVA TO PP-3 277/-240V/120V	150	3	37500	10000	3	30	AHU-3 10HP	10
9A	SPACE								
11	HALLWAY/ ROOM 318 LIGHTS	20	1	1000					
13	ROOMS 305 & 307 LIGHTS	20	1	1200	1000	1	20	ROOMS 309 & 317 LIGHTS	12
15	ROOMS 322 & 323 LIGHTS	20	1	1600	1600	1	20	ROOMS 325 & 326 LIGHTS	14
17	ROOM 313 DRUG COURT LIGHTS	20	1	1400	200	1	20	MECH. RM. LIGHTS	16
19	ROOMS 310, 311, & 312 LTS.	20	1	1000	200	1	20	ROOM 320 LIGHTS	18
21	NIGHT LIGHTS	20	1	1600	800	1	20	ROOMS 316 & 321 LIGHTS	20
23	SPARE	20	1	–	4000	1	30	VAV/HTR #3-1 ROOM 304	22
25	SPARE	20	1	–	5500	1	30	VAV/HTR #3-2 ROOM 319	24
27	**VAV/ HTR #3-8 W. CORRIDOR**	20	1	1500	4000	1	30	**VAV/ HTR #3-3 ROOM 324**	26
29	**VAV/ HTR #3-9 ROOM 315**	40	1	5000	5500	1	30	VAV/HTR #3-4 ROOM 325	28
31	VAV/ HTR #3-5 ROOM 326	20	1	4000	8000	1	40	**VAV/ HTR #3-6 ROOM 322**	30
33	**VAV/ HTR #3-7 ROOM 323**	20	1	3000	3000	1	30	**VAV/ HTR #3-10 ROOM 313**	32
35	VAV/ HTR #3-11 ROOM 307	40	1	8000	3000	1	30	**VAV/ HTR #3-12 ROOM 309**	34
37	VAV/ HTR #3-13 E. CORR.	20	1	3000	6000	1	30	VAV/ HTR #3-14 ROOM 303	36
39	SPACE							SPACE	38
41	SPACE							SPACE	40
43	SPACE							SPACE	42

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA)
Aø=40833 | Bø=50500 | Cø=43550

GROUND BUS
GROUND WIRE (G)

PANEL: PL-4
LOCATION: MECHANICAL ROOM 4TH FLOOR
FEEDER SOURCE: MDP 1 CKT 4

VOLTAGE: 277/440V, 200A 3PH, 4W
NEW SURFACE MOUNT PNL
SQUARE D TYPE QO LOAD CENTER W/MAIN BRKR.

CKT. NO.	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	CKT. NO.
1	ROOM 401 LIGHTS	20	1	2200	1800	1	20	ROOM 405, 409 LIGHTS	2
3	RESTROOMS LIGHTS	20	1	1200	1600	1	20	NIGHTLIGHTS	4
5	SPARE	20	1	–	1400	1	20	CORRIDOR LIGHTS	6
7	EMERGENCY/ EXIT LIGHTS	20	1	400	1000	1	20	ROOMS 411, 412, 413 LIGHTS	8
9	XFRMR 37.5 KVA TO PP-4 277/-240V/120V	150	3	37500	10000	3	30	AHU-4 10 TON	10
9A	SPACE								
11	ROOM 413, 414 LIGHTS	20	1	1600					
13	ROOM 416 LIGHTS	20	1	1600	1000	1	20	ROOMS 406, 407 LIGHTS	12
15	ROOM 417 LIGHTS	20	1	800	600	1	20	ROOM 402 LIGHTS	14
17	SPARE	20	1	–	1200	1	20	ROOM 401 LIGHTS	16
19	VAV/ HTR #4-5 ROOM 417	30	1	5500	–	1	20	SPARE	18
21	VAV/ HTR #4-6 ROOM 406	30	1	5500	8000	1	40	VAV/HTR #4-1 ROOM 401	20
23	VAV/ HTR #4-7 ROOM 407	20	1	3500	5500	1	30	VAV/HTR #4-2 ROOM 412	22
25	VAV/ HTR #4-8 ROOM 410	20	1	2000	8000	1	40	**VAV/ HTR #4-3 ROOM 414**	24
27	VAV/ HTR #4-10 RM 404	40	1	8000	5500	1	30	VAV/HTR #4-4 ROOM 416	26
29	SPACE				5000	1	20	VAV/ HTR #4-9 ROOM 405	28
31	SPACE				1000	1	20	VAV/ HTR #4-11 ROOM 402	30
33	SPACE							SPACE	32
35	SPACE							SPACE	34
37	SPACE							SPACE	36
39	SPACE							SPACE	38
41	SPACE							SPACE	40
								SPACE	42

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA)
Aø=25533 | Bø=43950 | Cø=31850

GROUND BUS
GROUND WIRE (G)

PANEL: PL-5
LOCATION: MECHANICAL ROOM 5TH FLOOR
FEEDER SOURCE: MDP 1 CKT 5

VOLTAGE: 277/440V, 200A 3PH, 4W
NEW SURFACE MOUNT PNL
SQUARE D TYPE QO LOAD CENTER W/MAIN BRKR.

CKT. NO.	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	CKT. NO.
1	ROOM 501 LIGHTS	20	1	1600	1200	1	20	ROOMS 501, 507 LIGHTS	2
3	WEST HALL LIGHTS	20	1	1400	1400	1	20	ROOMS 501, 508 LIGHTS	4
5	ROOM 508 LIGHTS	20	1	1200	1400	1	20	NIGHTLIGHTS	6
7	ROOM 510 LIGHTS	20	1	1200	1600	1	20	ROOMS 510, 506 LIGHTS	8
9	ROOMS 510, 512 LIGHTS	20	1	1600	1400	1	20	509, 505, 502 LIGHTS	10
11	RESTROOMS LIGHTS	20	1	1200	250	1	20	EMERGENCY/ EXIT LIGHTS	12
9	XFRMR 37.5 KVA TO PP-5 277/-240V/120V	150	3	37500	10000	3	30	AHU-5 10HP	14
9A	SPACE								
15	ROOM 511 LIGHTS	20	1	400					
17	SPARE	20	1	–	8000	1	40	VAV/HTR #5-1 ROOM 501	16
19	SPARE	20	1	–	5500	1	30	VAV/HTR #5-2 ROOM 501	18
21	VAV/ HTR #5-8 ROOM 510	30	1	4000	5500	1	30	VAV/HTR #5-3 ROOM 508	20
23	VAV/ HTR #5-9 E. CORR.	20	1	3000	5500	1	30	VAV/HTR #5-4 ROOM 508	22
25	VAV/ HTR #5-10 ROOM 504	30	1	5500	3000	1	20	VAV/HTR #5-5 ROOM 511	24
27	**VAV/ HTR #5-11 ROOM 502**	30	1	3000	5500	1	20	VAV/HTR #5-6 ROOM 510	26
29	SPACE				8000	1	40	VAV/HTR #5-7 ROOM 510	28
31	SPACE				5500	1	30	VAV/HTR #5-12 ROOM 501	30
33	SPACE							SPACE	32
35	SPACE							SPACE	34
37	SPACE							SPACE	36
39	SPACE							SPACE	38
41	SPACE							SPACE	40
								SPACE	42

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA)
Aø=48850 | Bø=47450 | Cø=24783

GROUND BUS
GROUND WIRE (G)

PANEL: PP-3
LOCATION: MECHANICAL ROOM 3RD FLOOR
FEEDER SOURCE:PL-3 CKT 9

VOLTAGE: 240/120V, 200A 1ø ML
TYPE: SURFACE MOUNT WITH EQ. GRND. BAR W/ MAIN BRKR.
SQUARE D TYPE QO LOAD CENTER

CKT. NO.	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	CKT. NO.
1	ROOMS 301, 302 RECEPTACLES	20	1	1800	1800	1	20	ROOM **309, 317** RECEPTACLES	2
3	**ROOM 309, 317 RECEPTACLES**	20	1	1800	1800	1	20	**ROOM 309 RECEPTACLES**	4
5	ROOM 304,319 RECEPTACLES	20	1	1800	1800	1	20	ROOM 319,324 RECEPTACLES	6
7	ROOM 324,325 RECEPTACLES	20	1	1800	1800	1	20	ROOM 325,326, CORR. RECEPT.	8
9	UTILITY COLUMN ROOM 301	20	1	1200	1800	1	20	ROOM 320,322,323, CORRIDOR RECEPTACLES	10
11	ROOM 321,323 RECEPTACLES	20	1	1800	1800	1	20	ROOM 310, 311, 312, 316 RECEPTACLES	12
13	UTILITY COLUMN ROOM 304	20	1	1200	1800	1	20	ROOM 313 RECEPTACLES	14
15	**LADIES RESTROOM GFI RECEPT.**	20	1	1800	800	1	20	RESTROOM EXHAUST FANS	16
17	UTILITY COLUMN ROOM 319	20	1	1200	1200	1	20	UTILITY COLUMN ROOM 325	18
19	UTILITY COLUMN ROOM 323	20	1	1200	1200	1	20	UTILITY COLUMN ROOM 323	20
21	UTILITY COLUMN RM 312	20	1	1200	1800	1	20	ROOM 320,314 RECEPTACLES	22
23	ROOM 312,316,321 RECEPTACLES	20	1	1800	1800	1	20	ROOM 303, 304, CORRIDOR RECEPTACLES	24
25	ROOM 300,301 RECEPTACLES	20	1	1800	800	1	20	**MENS RESTROOM GFI RECEPT.**	26
27	WATER HEATER	20	1	1200	500	1	20	SECURITAS SYSTEM	28
29	SPACE							SPACE	30
31	SPACE							SPACE	32
33	SPACE							SPACE	34
35	SPACE							SPACE	36
37	SPACE							SPACE	38
39	SPACE							SPACE	40
41	SPACE							SPACE	42

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA)
Aø= 21200 | Bø= 21100

GROUND BUS
GROUND WIRE (G)

PANEL: PP-4
LOCATION: MECHANICAL ROOM 4TH FLOOR
FEEDER SOURCE:PL-4 CKT 9

VOLTAGE: 240/120V, 200A 1ø ML
TYPE: SURFACE MOUNT WITH EQ. GRND. BAR W/ MAIN BRKR.
SQUARE D TYPE QO LOAD CENTER

CKT. NO.	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	CKT. NO.
1	ROOMS 411, 412 RECEPTACLES	20	1	1800	1080	1	20	ROOMS 401, 402 RECEPTACLES	2
3	ROOM 410, CORRIDOR RECEPT.	20	1	1620	500	1	20	RESTROOM EXHAUST FANS	4
5	ROOMS 412,413,414, CORRIDOR RECEPTACLES	20	1	2000	1200	1	20	ROOM 414 RECEPTACLES	6
7	ROOMS 406,407 RECEPTACLES	20	1	1800	1200	1	20	WATER HEATER	8
9	**ROOMS 406, 416, 417 RECEPT.**	20	1	1800	1800	1	20	ROOM 405 RECEPTACLES	10
11	UTILITY COLUMN ROOM 414	20	1	1200	1800	1	20	**ROOMS 406, 407, 417 RECEPT.**	12
13	UTILITY COLUMN ROOM 401	20	1	1200	1200	1	20	UTILITY COLUMN ROOM 401	14
15	UTILITY COLUMN ROOM 416	20	1	1200	1200	1	20	UTILITY COLUMN ROOM 406	16
17	UTILITY COLUMN ROOM 417	20	1	1200	1200	1	20	UTILITY COLUMN ROOM 406	18
19	UTILITY COLUM ROOMM 407	20	1	1200	1200	1	20	UTILITY COLUMN ROOM 406	20
21	UTILITY COLUMN ROOM 412	20	1	1200	1200	1	20	UTILITY COLUMN ROOM 414	22
23	**MENS RESTROOM GFI RECEPT.**	20	1	1000	1000	1	20	**WOMENS RESTROOM GFI RECEPT.**	24
25	**ROOMS 415, 416, CORRIDOR RECEPTACLES**	20	1	1000	1000	1	20	ROOM 416, CORRIDOR RECEPT.	26
27	ROOM 405 RECEPTACLES	20	1	360	720	1	20	ROOM 405 RECEPTACLES	28
29	ROOMS 401, 402, LOBBY RECEPT.	20	1	720	500	1	20	SECURITAS SYSTEM	30
31	SPACE			–	–			SPACE	32
33	SPACE			–	–			SPACE	34
35	SPACE			–	–			SPACE	36
37	SPACE			–	–			SPACE	38
39	SPACE			–	–			SPACE	40
41	SPACE			–	–			SPACE	42

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA)
Aø= 20100 | Bø=16000

GROUND BUS
GROUND WIRE (G)

PANEL: PP-5
LOCATION: MECHANICAL ROOM 5TH FLOOR
FEEDER SOURCE:PL-5 CKT 13

VOLTAGE: 240/120V, 200A 1ø ML
TYPE: SURFACE MOUNT WITH EQ. GRND. BAR W/ MAIN BRKR.
SQUARE D TYPE QO LOAD CENTER

CKT. NO.	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	CKT. NO.
1	SPARE	20	1	–	1080	1	20	C.O.C. COMP. LAB RECEPT.	2
3	C.O.C. COMP. LAB RECEPT.	20	1	1440	1000	1	20	**C.O.C. COMP. LAB RECEPT.**	4
5	CLERK OF COURT RCPT.	20	1	1260	1440	1	20	**C.O.C. BREAK ROOM GFI RECEPT.**	6
7	**MENS RESTROOM GFI RECEPT.**	20	1	1400	1400	1	20	ROOM 508, CORRIDOR RECEPT.	8
9	**CORRIDOR, ROOM 514 RECEPT.**	20	1	1400	1400	1	20	C.O.C., MARRIAGE LIC. RECEPT.	10
11	**WOMENS RESTROOM GFI RECEPT.**	20	1	**2000**	1200	1	20	UTILITY COLUMN ROOM 509	12
13	COUNCIL OFFICE RECEPTACLES	20	1	1400	1200	1	20	UTILITY COLUMN ROOM 510	14
15	COUNCIL RECEPTACLES	20	1	1400	1200	1	20	UTILITY COLUMN ROOM 501	16
17	C.O.C. SECRETARY POOL, CORRIDOR RECEPTACLES	20	1	1400	1200	1	20	C.O.C. BREAK ROOM RECEPT.	18
19	CORRIDOR/ MECH. RECEPT.	20	1	1400	500	1	20	RESTROOM EXHAUST FANS	20
21	WATER HEATER	20	1	1400	1200	1	20	UTILITY COLUMN ROOM 508	22
23	UTILITY COLUMN ROOM 510	20	1	1200	1200	1	20	UTILITY COLUMN ROOM 510	24
25	UTILITY COLUMN ROOM 501	20	1	1200	1200	1	20	UTILITY COLUMN ROOM 501	26
27	UTILITY COLUMN ROOM 501	20	1	1200	1200	1	20	UTILITY COLUMN ROOM 508	28
29	UTILITY COLUMN ROOM 508	20	1	1200	1200	1	20	UTILITY COLUMN ROOM 510	30
31	C.O.C. BREAK ROOM REF.	20	1	1200	1080	1	20	ROOM 501, CORR. RECEPTACLES	32
33	ROOM 510 RECEPTACLES	20	1	720	540	1	20	SECURITAS SYSTEM	34
35	SPACE							SPACE	36
37	SPACE							SPACE	38
39	SPACE							SPACE	40
41	SPACE							SPACE	42

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA)
Aø=**21040** | Bø=19720

GROUND BUS
GROUND WIRE (G)

NEW POWER PANELS

NOTE:
CONTRACTOR SHALL BALANCE ALL PANELS.

0000 –INDICATES ITEMS CHANGED– 01/28/09 PER kd– ab

102133 –INDICATES ITEMS CHANGED– 06/26/08

0000 –INDICATES ITEMS CHANGED– 05/29/08

–INDICATES ITEMS CHANGED– 02/26/08

STAR HVAC REVISED: 05/29/08 ab
HVAC REVISED: 02/26/08ab
HVAC REVISED: 11/05/07ab
REVISED: 01/23/07

RFP #2 11-13-07

NEW POWER PANELS

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985-649-5832
DAMMONENGINEERING.COM

SCALE:AS NOTED
FILE:
JOB NO.
DATE:1-8-07
SHEET
E10
OF

PANEL: PL–6
LOCATION: TOWERS BLD 6TH FLOOR MECHANICAL ROOM
FEEDER SOURCE: MDP 1 CKT 6

VOLTAGE: 277/440V, 200A 3PH, 4W
NEW SURFACE MOUNT PNL
SQUARE D TYPE QO LOAD CENTER W/MAIN BRK

CKT. NO.	LOAD DESCRIPTION / LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION / LOCATION	CKT. NO.
1	ROOM 601 LIGHTS	20	1	1400	1000	1	20	MECH./ STORAGE ROOMS LIGHTS	2
3	RM 602,603,604 LIGHTS	20	1	1200	1600	1	20	NIGHTLIGHTS	4
5	VAV/HTR #6–14 ROOM 602	20	1	2000	1200	1	20	CORRIDOR LIGHTS	6
7	EMERGENCY/ EXIT LIGHTS	20	1	400	1000	1	20	ROOMS 610, 612 LIGHTS	8
9	XFMR 37.5 KVA TO PP–E 277/–240V/120V	150	3	37500					
10A	SPACE				15	70		SPACE	10
11	10HP HVAC MOTOR	30	3	10000	1400	1	20	ROOMS 606, 607, 614 LIGHTS	12
					1500	1	20	ROOM 613 LIGHTS	14
13	ROOM 611 LIGHTS	20	1	1400	1500	1	20	ROOM 613 LIGHTS	16
15	**VAV/ HTR #6–12 ROOM 604**	30	1	**7000**					
17	**VAV/ HTR #6–13 W. CORR.**	30	1	3500	26671	3	70	MAIN ELEVATOR MOTOR	18
19	VAV/HTR #6–2 ROOM 611	30	1	6000					
21	VAV/HTR #6–3 ROOM 611	30	1	6000	6000	1	30	VAV/ HTR #6–6 ROOM 613	20
23	VAV/HTR #6–4 ROOM 611	30	1	6000	6000	1	30	VAV/ HTR #6–7 ROOM 613	22
25	VAV/HTR #6–5 ROOM 612	30	1	**6000**	3000	1	20	VAV/ HTR #6–8 ROOM 606	24
27	VAV/HTR #6–1 ROOM 601	40	1	8000	1500	1	20	VAV/ HTR #6–10 ROOM 610	26
29	VAV/HTR #6–9 ROOM 606	30	1	5000	3000	1	30	**VAV/ HTR #6–11 E. CORR.**	28
31	W. STAIR TOWER A/C	10	3	2000	2000	3	10	E. STAIR TOWER A/C	30
33	W. STAIR TOWER HEATER	10	3	2000	2000	3	10	E. STAIR TOWER HEATER	32
35	SPARE	20	1	–	–	1	20	SPARE	34

SOLID NEUTRAL / NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA): Aø=**36554** Bø=**66304** Cø=61804

GROUND BUS / GROUND WIRE (G)

PANEL: PP–7
LOCATION: TOWERS BLD PENTHOUSE
FEEDER SOURCE:PP6 CKT 9

VOLTAGE: 240/120V, 125A 1ø ML
TYPE: SURFACE MOUNT WITH EQ. GRND. BAR, W/ MAIN BRKR.
SQUARE D TYPE QO LOAD CENTER

CKT. NO.	LOAD DESCRIPTION / LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION / LOCATION	CKT. NO.
1	LIGHTS IN PENTHOUSE	20	1	400	1500	1	20	REC. PENTHOUSE	2
3	ROOF LIGHTS	20	1	600	1500	1	20	REC. W/P GFI EXT. PENTHOUSE	4
5	EMERGENCY/ EXIT LIGHTS	20	1	600					
7	PENTHOUSE VENT FAN	20	1	400	1500	2	20	A/C, MAIN ELEV. CONTROL RM.	6
9	SPARE	20	1	–	–	1	20	SPARE	8
11	SPARE	20	1	–	–	1	20	SPARE	10
13	SPARE	20	1	–	–	1	20	SPARE	12
15	SPARE	20	1	–	–	1	20	SPARE	14
17	SPARE	20	1	–	–	1	20	SPARE	16
19	SPARE	20	1	–	–	1	20	SPARE	18
21	SPARE	20	1	–	–	1	20	SPARE	20
23	SPARE	20	1	–	–	1	20	SPARE	22
25	SPACE							SPACE	24
27	SPACE							SPACE	26
29	SPACE							SPACE	28

SOLID NEUTRAL / NEUTRAL WIRE (W)

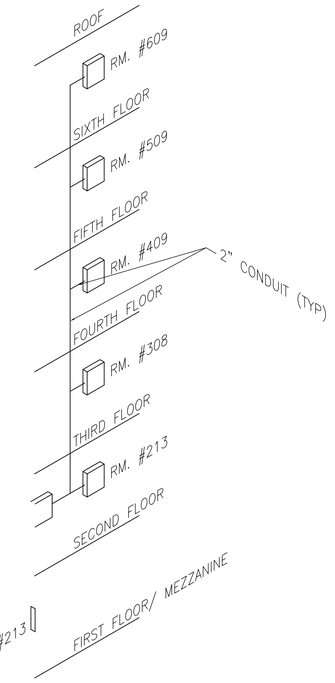
TOTAL CONNECTED LOAD (VA): Aø=3250 Bø=3250

COPPER GROUND BUS / GROUND WIRE (G)

0000 –INDICATES ITEMS CHANGED– 05/29/08

–INDICATES ITEMS CHANGED– 02/26/08

102133 –INDICATES ITEMS CHANGED– 06/26/08



SECURITAS SYSTEM ONE LINE DIAGRAM

PANEL: PP–6
LOCATION: TOWERS BLD 6TH FLOOR MECHANICAL ROOM
FEEDER SOURCE: PL–6 CKT 9

VOLTAGE: 240/120V, 125A 1ø ML
TYPE: SURFACE MOUNT WITH EQ. GRND. BAR, W/ MAIN BRKR.
SQUARE D TYPE QO LOAD CENTER

CKT. NO.	LOAD DESCRIPTION / LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION / LOCATION	CKT. NO.
1	ROOM 612 WINDOW WALL RECEPT.	20	1	1620	1080	1	20	ROOM 613 RECEPTACLES	2
3	ROOM 613 RECEPTACLES	20	1	1620	1400	1	20	ROOM 606 RECEPTACLES	4
5	ROOM 610 RECEPTACLES	20	1	1260	1440	1	20	MECH./ CORR./ RM 606 RECEPT.	6
7	SPARE	20	1	–	1500	1	20	CORRIDOR RECEPTACLES	8
9	ROOM 612 RECEPTACLES	20	1	1500	1500	1	20	ROOM 608 RECEPTACLES	10
11	ROOM 602 RECEPTACLES	20	1	1200	1200	1	20	CORRIDOR RECEPTACLES	12
13	RESTROOM EXHAUST FANS	20	1	500	1500	1	20	WATER HEATER	14
15	**WATER HEATER, ROOM 606**	30	1	1500	1200	1	20	UTILITY COLM ROOM 611	16
17	UTILITY COLUMN ROOM 601	20	1	1200	500	1	20	SECURITAS SYSTEM	18
19	UTILITY COLUMN ROOM 601	20	1	1200	1200	1	20	UTILITY COLUMN RM 611	20
21	**MENS RESTROOM GFI RECEPT.**	20	1	360	1500	1	20	ROOM 613 WINDOW WALL RECEPT.	22
23	K. DAVIS RESTROOM FANS	20	1	500	6500	2	50	TO PP7	24
25	**WOMENS RESTROOM GFI RECEPT.**	**20**	**1**	**200**					26
27	SPACE			–	–			SPACE	28
29	SPACE			–	–			SPACE	30
31	SPACE			–	–			SPACE	32
33	SPACE			–	–			SPACE	34
35	SPACE			–	–			SPACE	36
37	SPACE			–	–			SPACE	38
39	SPACE			–	–			SPACE	40
41	SPACE			–	–			SPACE	42

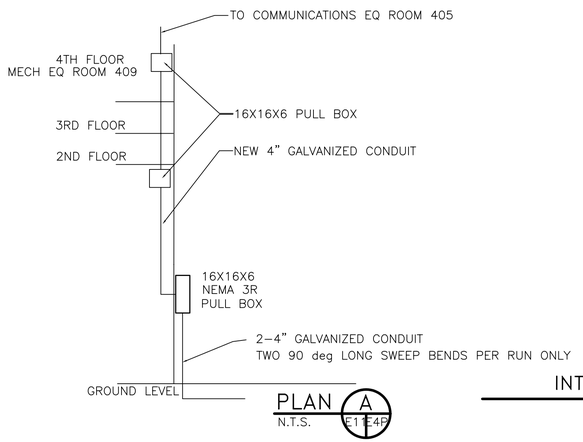
SOLID NEUTRAL / NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA): Aø= **17210** Bø=**15870**

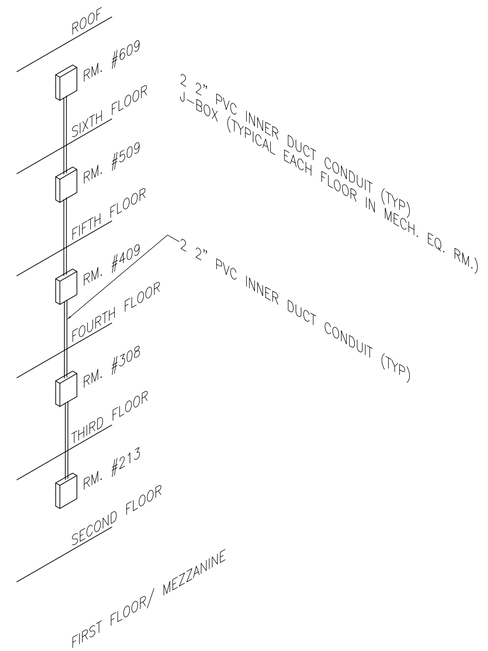
GROUND BUS / GROUND WIRE (G)

NOTE:
CONTRACTOR SHALL BALANCE ALL PANELS.

NEW POWER PANELS



PLAN A
N.T.S.



INTERDUCT ONE LINE DIAGRAM

0000 –INDICATES ITEMS CHANGED– 01/28/09 PER kd– ab
STAR HVAC REVISED: 05/29/08 ab
HVAC REVISED: 02/26/08ab
HVAC REVISED: 11/05/07ab

RFP #2 11-13-07

NEW POWER PANELS

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

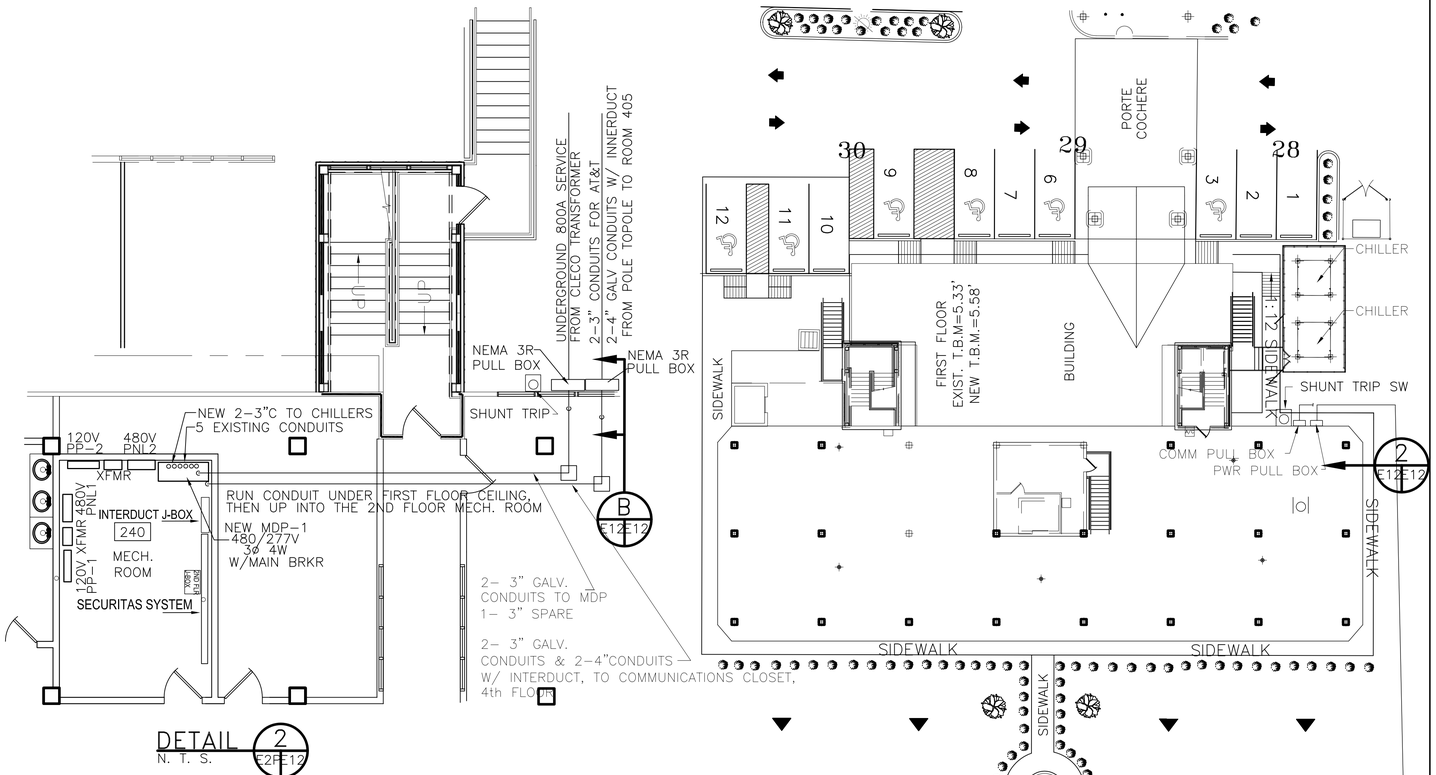
RENOVATE OFFICE BUILDING

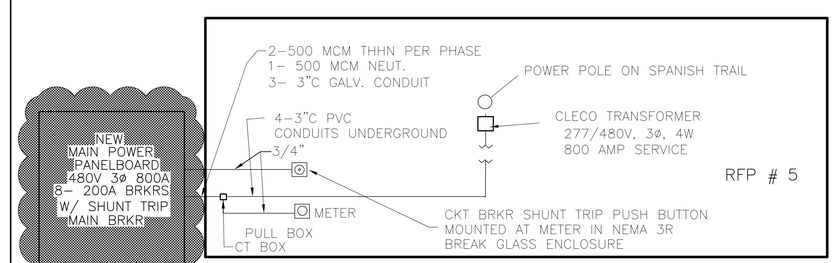
DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985–649–5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

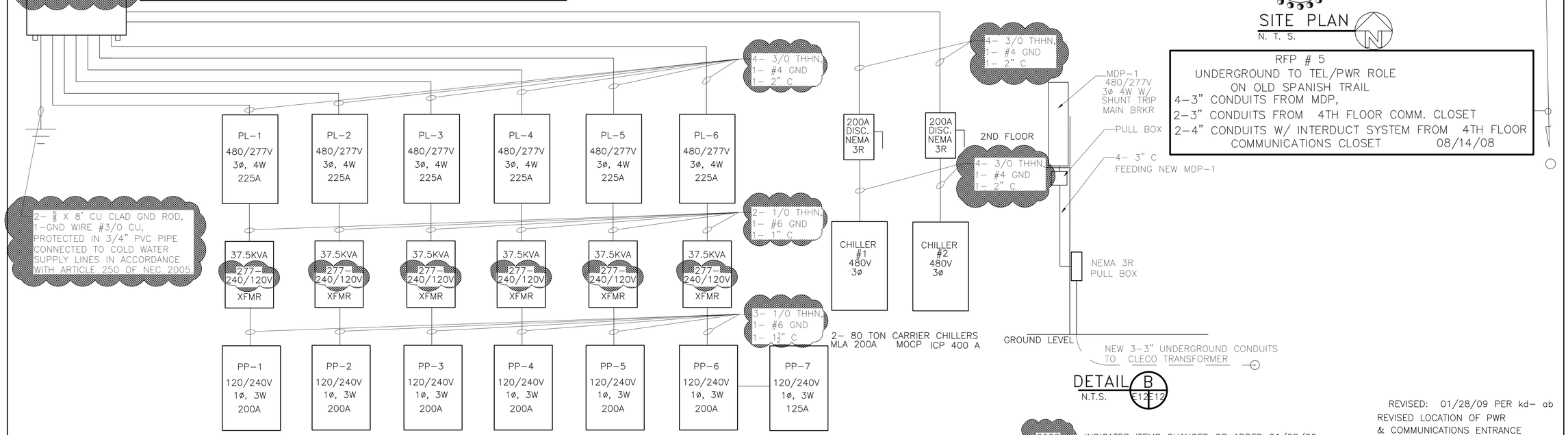
SCALE:AS NOTED
FILE:
JOB NO.
DATE:1–8–07
SHEET E11
OF

ELECTRICAL NOTES

1. ALL WORK SHALL COMPLY TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, THE GOVERNING ELECTRICAL CODE, AND ALL OTHER INSPECTION DEPARTMENTS HAVING JURISDICTION. OBTAIN CERTIFICATES OR APPROVAL WHERE REQUIRED.
2. ALL MATERIALS FURNISHED SHALL BE NEW AND SHALL BE U.L. LISTED.
3. THE DRAWINGS INDICATE SIZE AND GENERAL LOCATION OF WORK. SCALE DIMENSIONS SHALL NOT BE USED. THE EXACT LOCATION AND ELEVATION OF ALL LIGHTING FIXTURES, RECEPTACLES, AND TELEPHONE OUTLETS, ETC. SHALL BE DETERMINED BY ACTUAL CONDITIONS IN THE FIELD; UNLESS OTHERWISE NOTED.
4. PRIOR TO BIDDING, CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS.
5. ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES AND WITH OTHER CONTRACTORS WHOSE WORK MAY AFFECT THIS INSTALLATION.
6. ELECTRICAL CONTRACTOR SHALL COORDINATE INCOMING ELECTRICAL SERVICE WITH UTILITY COMPANY AND INCLUDE IN HIS BID, ALL CHARGES AND FEES INCURRED IN MODIFICATIONS.
7. WHERE MORE THAN ONE SWITCH OCCURS IN THE SAME LOCATION, THEY SHALL BE INSTALLED IN A GANG TYPE BOX UNDER ONE COVER PLATE.
8. ELECTRICAL CONTRACTOR SHALL COORDINATE THE TELEPHONE INSTALLATION WITH THE TELEPHONE COMPANY AND THE GENERAL CONTRACTOR.
9. ELECTRICAL CONTRACTOR, BEFORE INSTALLING AND OF THE WORK, SHALL SEE THAT IT DOES NOT INTERFERE WITH CLEARANCES REQUIRED FOR FINISHED COLUMNS, HUNG CEILINGS, PLASTER, PARTITIONS, WALLS, ETC. AS SHOWN IN THE ARCHITECTURAL DRAWINGS AND DETAILS. IF ANY WORK IS INSTALLED AND IT LATER DEVELOPS THAT SUCH DETAILS OR DESIGN CANNOT BE FOLLOWED, THE CONTRACTOR, AT THEIR OWN EXPENSE, SHALL MAKE SUCH CHANGES IN THE WORK AS DIRECTED BY THE ARCHITECT AS WELL AS TO PERMIT THE INSTALLATION OF THE ARCHITECURAL WORK AS SHOWN ON THE PLANS AND DETAILS.
10. PERFORM TEST REQUIRED BY THE OWNER OR THE ENGINEER IN CONNECTION WITH THE OPERATION OF THE ELECTRICAL SYSTEM IN THE BUILDING.
11. ALL TESTS SHALL BE MADE IN ACCORDANCE WITH THE LATEST STANDARD OF THE I.E.E.E. AND THE NATIONAL ELECTRICAL CODE.
12. MINIMUM CONDUCTOR SIZE SHALL BE #12, 600V INSULATION, MINIMUM SIZE CONDUIT SHALL BE ¾" E.M.T. FOR INTERIOR USE, AND ¾" RIGID ALUMINUM FOR EXTERIOR USE, USE TYPE NMC CABLE IN CONTROL ROOM BUILDING FOR LIGHTS AND RECEPTACLE CIRCUITS. EXTERIOR FITTINGS SHALL BE CAST BOXES AND COVERS. INTERIOR FITTINGS SHALL BE CAST WHERE EXPOSED ON WALLS. STAMPED BOXES MAY BE USED ABOVE CEILINGS IN AIR CONDITIONED SPACES.
13. CONTRACTOR SHALL INSTALL WIRING AND OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
14. INSTALL GROUND FAULT RECEPTACLES AT RECEPTACLE LOCATIONS WITHIN 5' OF SINKS OR LAVATORIES, AND AT EXTERIOR LOCATIONS. EXTERIOR RECEPTACLES SHALL ALSO BE WEATHERPROOF.
15. BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70:250-23B
16. FUSES SHALL BE ITT CLASS K5, 250 VOLT, 200,000 AMP INTERRUPTING CAP.
17. PROVIDE SERVICES OF A FIRE/SMOKE DETECTION & ALARM COMPANY TO DESIGN & INSTALL ALARM SYSTEM TO MEET REQUIREMENTS OF THE STATE FIRE MARSHAL.
18. ALL ELECTRICAL, MECHANICAL, & PLUMBING PENETRATING FIRE WALLS SHALL BE FIRE CAULKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.)
19. ALL J BOXES FOR EXTERIOR SIGNS SHALL BE INSIDE BUILDING.
20. ALL HVAC AIR HANDLERS WITH ELECTRICAL HEAT STRIPS AND COMPRESSORS SHALL BE 3Ø.
21. GROUNDING OF RECEPTACLES AND FIXED ELECTRICAL EQUIPMENT IN PATIENT CARE AREAS SHALL COMPLY WITH NFPA 70:517.13 (A) AND (B).







POWER ONE LINE DIAGRAM
N.T.S.

DETAIL B N.T.S. E12E12

RFP # 5
UNDERGROUND TO TEL/PWR ROLE ON OLD SPANISH TRAIL
4–3" CONDUITS FROM MDP,
2–3" CONDUITS FROM 4TH FLOOR COMM. CLOSET
2–4" CONDUITS W/ INTERDUCT SYSTEM FROM 4TH FLOOR COMMUNICATIONS CLOSET 08/14/08

0000 –INDICATES ITEMS CHANGED OR ADDED 01/28/09

0000 R. –INDICATES ITEMS CHANGED– 05/29/08
R= RELOCATED
A= ADDED

REVISED: 01/28/09 PER kd– ab
REVISED LOCATION OF PWR & COMMUNICATIONS ENTRANCE TO POLE AT SE CORNER OF PROPERTY RFP #5 08/14/08 ED
STAR HVAC REVISED: 05/29/08 ab
REVISED: 11–20–07ab
REVISED: 03–07–07ab

RFP #5 08/14/08

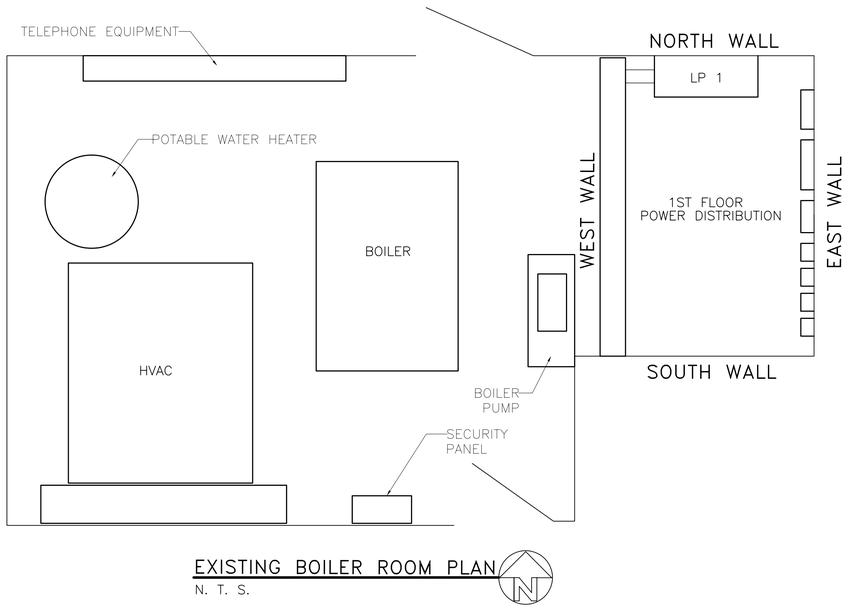
ONE LINE DIAGRAMS

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985–649–5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE:AS NOTED
FILE:
JOB NO. 1729
DATE:1–8–07
SHEET E12A
OF



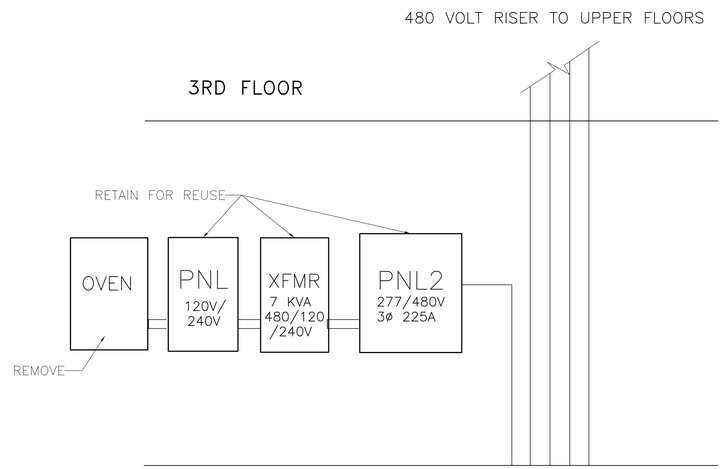
EXISTING BOILER ROOM PLAN
N. T. S.

NOTES

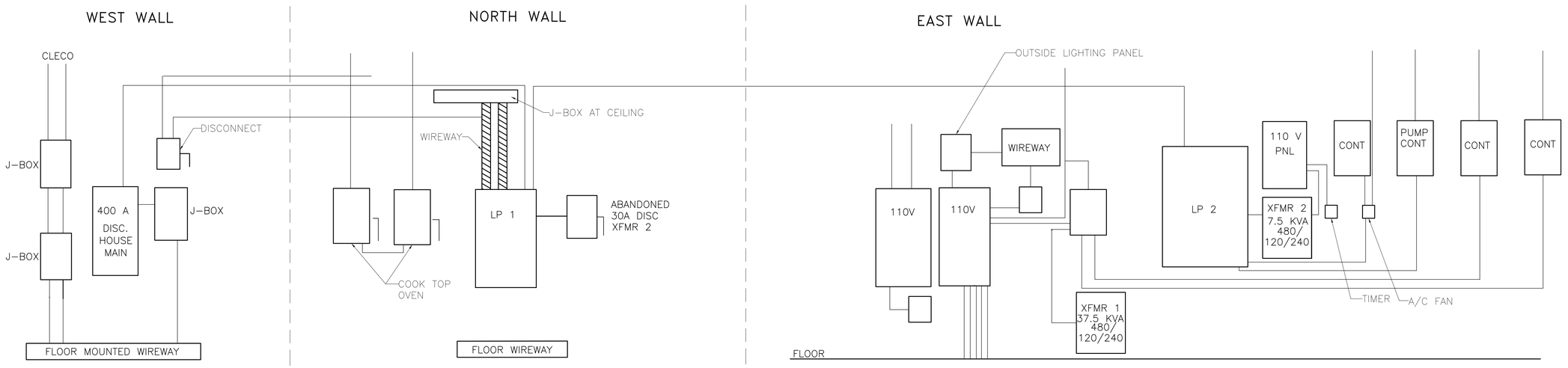
REMOVE ALL ELECTRICAL EQUIPEMENT, PUMP MOTORS, CONDUITS, WIREWAYS AND WIRING UNLESS NOTED OTHERWISE.

RETAIN ELECTRICAL CONDUIT FROM THE FIRST FLOOR TO EACH FLOOR ABOVE.

REMOVE ALL ELECTRICAL WIRE FROM 480 VOLT RISERS. RETAIN CONDUIT.



TYPICAL EXISTING ELECTRICAL DISTRIBUTION
2nd THRU 6th FLR. MECHANICAL ROOMS
N. T. S.



EXISTING ELECTRICAL DISTRIBUTION SYSTEM
1st FLOOR BOILER ROOM
N. T. S.

CONTRACT SET- 10/10/07

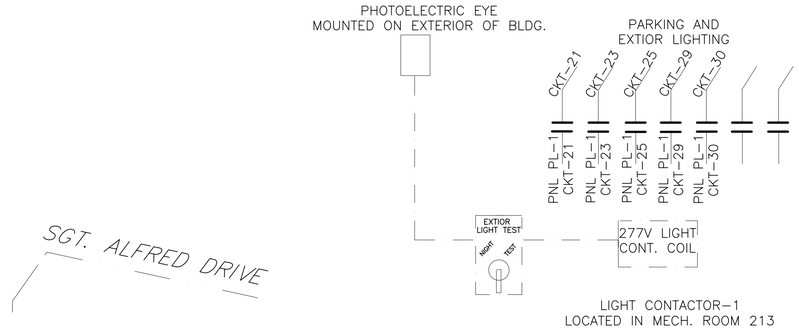
EXISTING ELECTRICAL SYSTEM

ST. TAMMANY PARISH ADMIN. COMPLEX
OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING, INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE:AS NOTED
FILE:
JOB NO. 1729
DATE:1-8-07
SHEET
E13
OF



NOTE:

ALL UTILITIES SHALL BE INSTALLED UNDERGROUND.

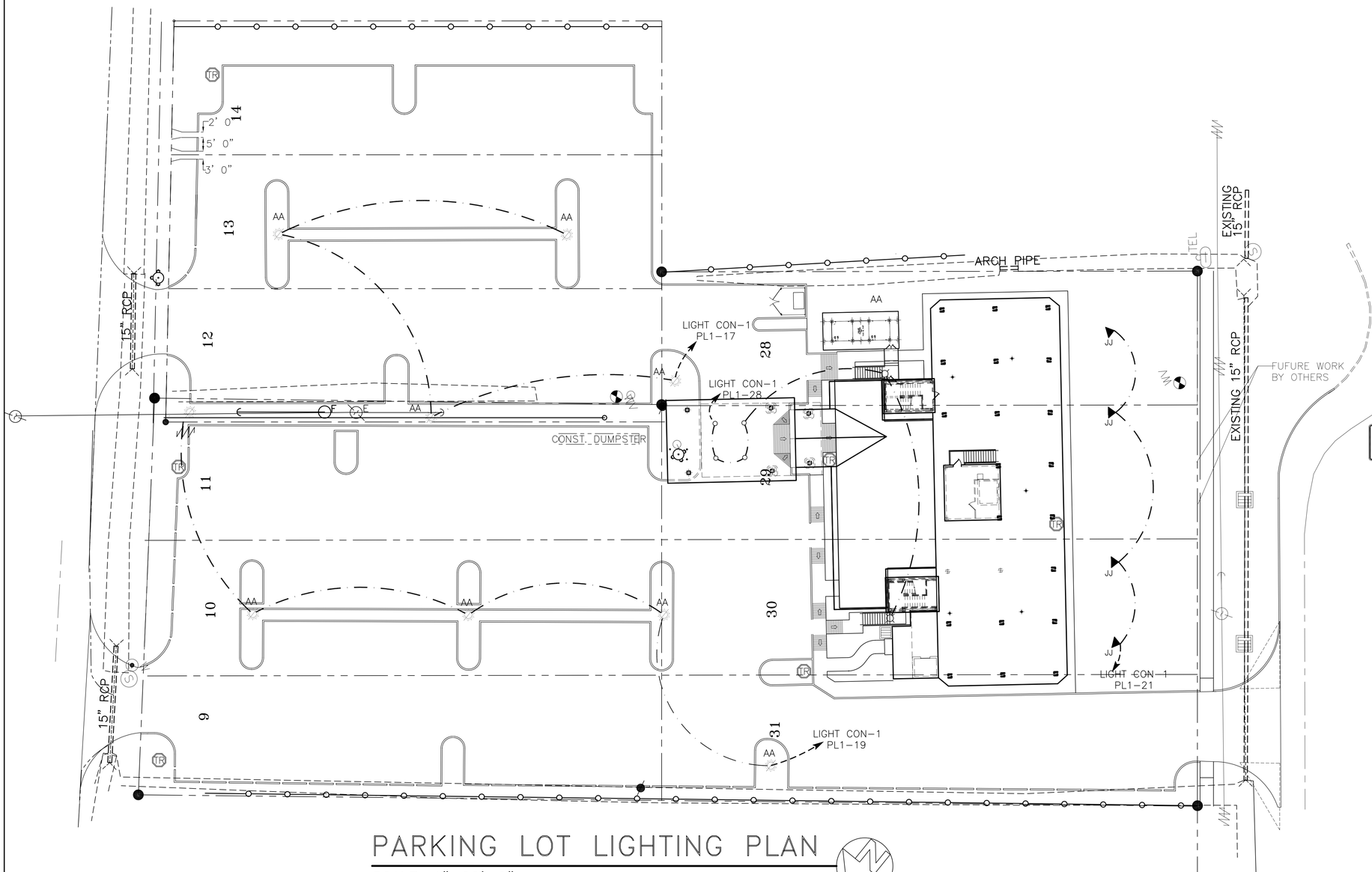
SITE LIGHTING

EXTERIOR LIGHTING SHALL BE SHADED OR INWARDLY DIRECTED IN SUCH A MANNER SO THAT NO DIRECT LIGHTING OR GLARE IS CAST BEYOND THE PROPERTY LINE. THE INTENSITY OF SUCH LIGHTING SHALL NOT EXCEED ONE FOOT CANDLE AS MEASURED AT THE ABUTTING PROPERTY LINE.

LUMINAIRE TYPE SUMMARY			QUANTITY
TYPE	BRAND NAME	CATALOG NUMBER	
AA	LITHONIA	KVR2	10
BB	–	–	4
BB1	–	–	2
JJ	CONSOLIDATED ARCH. LIGHTING	DCM-B2-AN1-BLACK	4

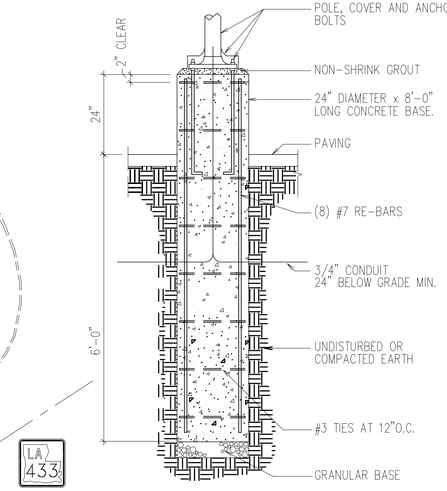
DESCRIPTION

AA ON A 30' POLE WITH A 2 FOOT PEDESTACK	9
JJ GROUND MOUNTED	



PARKING LOT LIGHTING PLAN

SCALE: 1"=20'-0"



LIGHT POLE DETAIL

N. T. S.

LEGEND

- PROPERTY LINE
- FENCE LINE
- WIRING
- AA – 2 @ 90° LUMINAIRE 250W 277V HP SODIUM
- JJ – LANDSCAPE UPLIGHT

REVISED: 03-07-07ab

CONTRACT SET- 10/10/07

PARKING LOT LIGHTING PLAN

ST. TAMMANY PARISH OFFICE BUILDING
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE: 1"=20'

FILE:

JOB NO. 1729

DATE:1-8-07

SHEET
E.14
OF

LEGEND

— PROPERTY LINE
— FENCE LINE
— WIRING
AA — 2 @ 90° LUMINAIRE 250W 277V HP SODIUM
JJ — LANDSCAPE UPLIGHT

NOTE:

ALL UTILITIES SHALL BE INSTALLED UNDERGROUND.

SITE LIGHTING

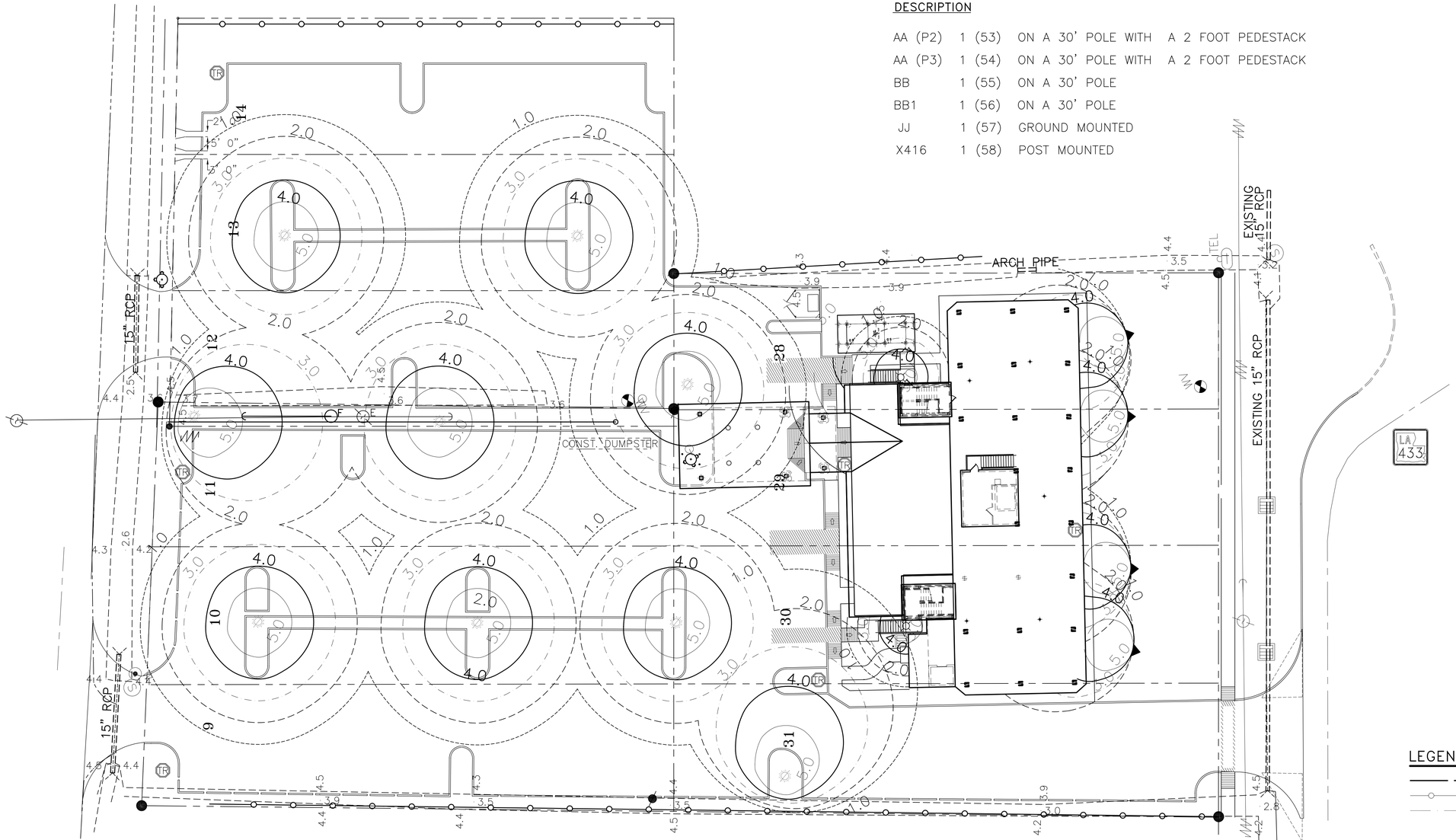
EXTERIOR LIGHTING SHALL BE SHADED OR INWARDLY DIRECTED IN SUCH A MANNER SO THAT NO DIRECT LIGHTING OR GLARE IS CAST BEYOND THE PROPERTY LINE. THE INTENSITY OF SUCH LIGHTING SHALL NOT EXCEED ONE FOOT CANDLE AS MEASURED AT THE ABUTTING PROPERTY LINE.

LUMINAIRE TYPE SUMMARY

TYPE	BRAND NAME	CATALOG NUMBER	QUANTITY

DESCRIPTION

AA (P2)	1 (53)	ON A 30' POLE WITH A 2 FOOT PEDESTACK	
AA (P3)	1 (54)	ON A 30' POLE WITH A 2 FOOT PEDESTACK	
BB	1 (55)	ON A 30' POLE	
BB1	1 (56)	ON A 30' POLE	
JJ	1 (57)	GROUND MOUNTED	
X416	1 (58)	POST MOUNTED	



PARKING LOT PHOTOMETRIC PLAN

SCALE: 1"=20'-0"

LEGEND

— PROPERTY LINE
— FENCE LINE
— WIRING
— 2 @ 90° LUMINAIRE 250W 277V HP SODIUM
— LANDSCAPE UPLIGHT

REVISED: 03-07-07ab

CONTRACT SET- 10/10/07

PARKING LOT PHOTOMETRIC PLAN

ST. TAMMANY PARISH OFFICE BUILDING
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE: 1"=20'
FILE:
JOB NO. 1729
DATE:1-8-07
SHEET E15 OF

1ST FLOOR HVAC EQUIPMENT- DUCT HEATERS

ROOM	HEATER NO.	HEATING CFM	HEATING KW	HEATING STAGES	ELECTRICAL VOLTAGE	ELECTRICAL PHASE	DUCT SIZE	HEATER MODEL
110 NW	1-1	1,175	12	3	460	3	24X12	MARKEL HF SERIES
110 NE	1-2	885	10	2	460	3	16X12	MARKEL HF SERIES
110 NE	1-3	1,455	15	3	460	3	20X12	MARKEL HF SERIES
110 NE	*1-4	1,810	20	4	460	3	24X14	MARKEL HF SERIES

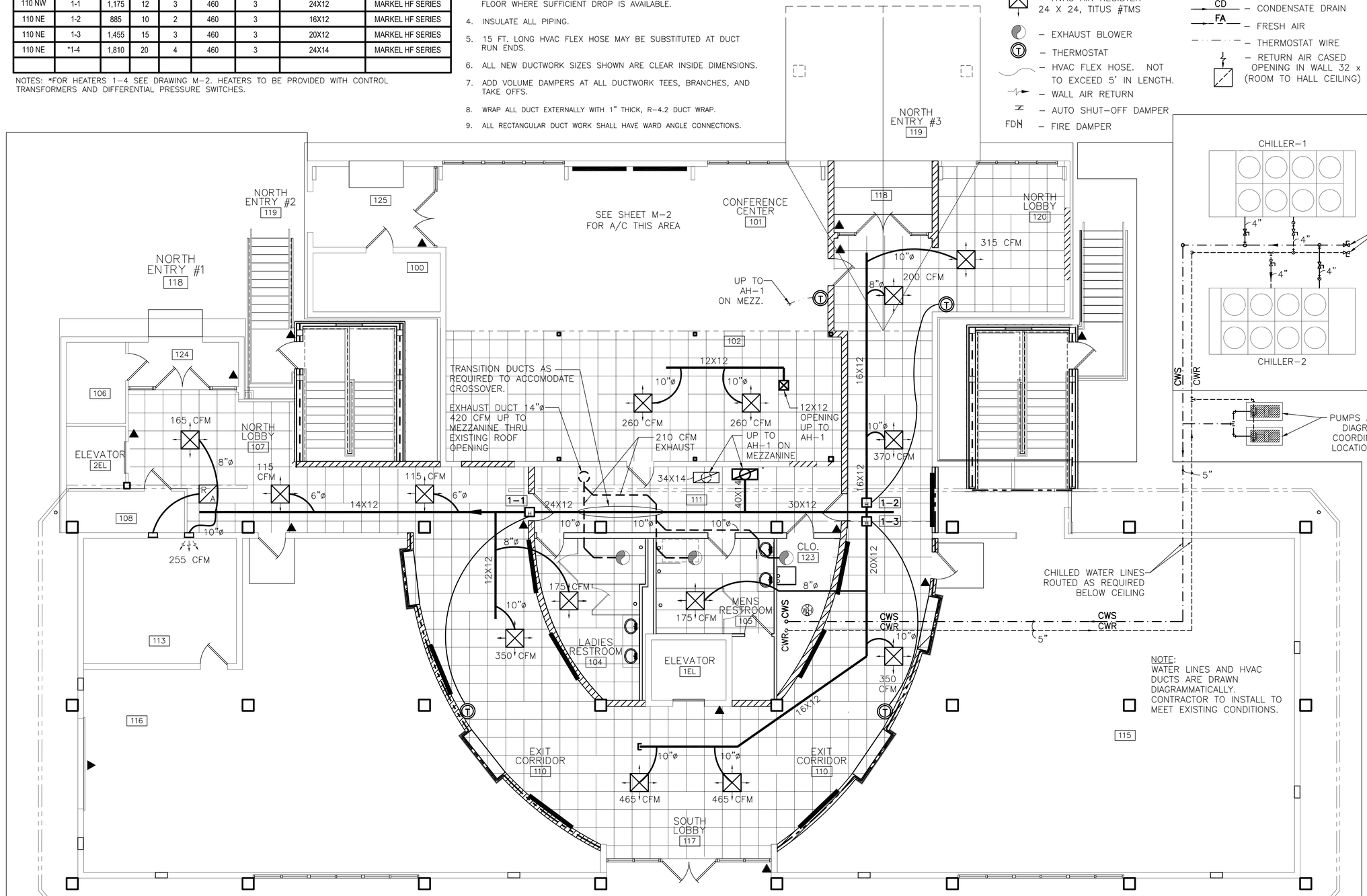
NOTES: *FOR HEATERS 1–4 SEE DRAWING M–2. HEATERS TO BE PROVIDED WITH CONTROL TRANSFORMERS AND DIFFERENTIAL PRESSURE SWITCHES.

NOTES

1. SEE DWG. M–9 "CHILLED WATER RISER DIAGRAM" FOR PIPE SIZES.
2. SEE DWG. M–11 "OUTSIDE AIR RISER DIAGRAM" FOR DUCT SIZES.
3. CONDENSATE LINES MAY BE RUN DIRECTLY TO DRAIN ON SAME FLOOR WHERE SUFFICIENT DROP IS AVAILABLE.
4. INSULATE ALL PIPING.
5. 15 FT. LONG HVAC FLEX HOSE MAY BE SUBSTITUTED AT DUCT RUN ENDS.
6. ALL NEW DUCTWORK SIZES SHOWN ARE CLEAR INSIDE DIMENSIONS.
7. ADD VOLUME DAMPERS AT ALL DUCTWORK TEES, BRANCHES, AND TAKE OFFS.
8. WRAP ALL DUCT EXTERNALLY WITH 1" THICK, R–4.2 DUCT WRAP.
9. ALL RECTANGULAR DUCT WORK SHALL HAVE WARD ANGLE CONNECTIONS.

LEGEND

- H – ELECTRIC DUCT HEATER
- VAV – VARIABLE AIR VOLUME DAMPER
- – HVAC AIR REGISTER 24 X 24, TITUS #TMS
- – EXHAUST BLOWER
- T – THERMOSTAT
- – HVAC FLEX HOSE. NOT TO EXCEED 5' IN LENGTH.
- – WALL AIR RETURN
- FDN – AUTO SHUT–OFF DAMPER
- FDN – FIRE DAMPER
- CWS – CHILLED WATER SUPPLY
- CWR – CHILLED WATER RETURN
- CD – CONDENSATE DRAIN
- FA – FRESH AIR
- – THERMOSTAT WIRE
- – RETURN AIR CASED OPENING IN WALL 32 x 12 (ROOM TO HALL CEILING)



FIRST FLOOR MECHANICAL PLAN
SCALE: 3/16"= 1'–0"

HVAC REVISED: 11/05/07 ab
REVISED: 06/04/07 ab
REVISED: 05/10/07 ab
REVISED: 05/02/07 ab
REVISED: 04/26/07 ab
REVISED: 03/07/07 ab
REVISED: 02/23/07 dd

REVISED: STAR SERVICE 2–18–08

RFP #2 11-13-07

1ST FLOOR MECHANICAL PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE PRIVATE OFFICE BUILDING

DAMMON ENGINEERING, INC.
1095 FLORIDA AVENUE 985–649–5832 SLIDELL, LA. 70458
DAMMONENG@DAMMONENGINEERING.COM

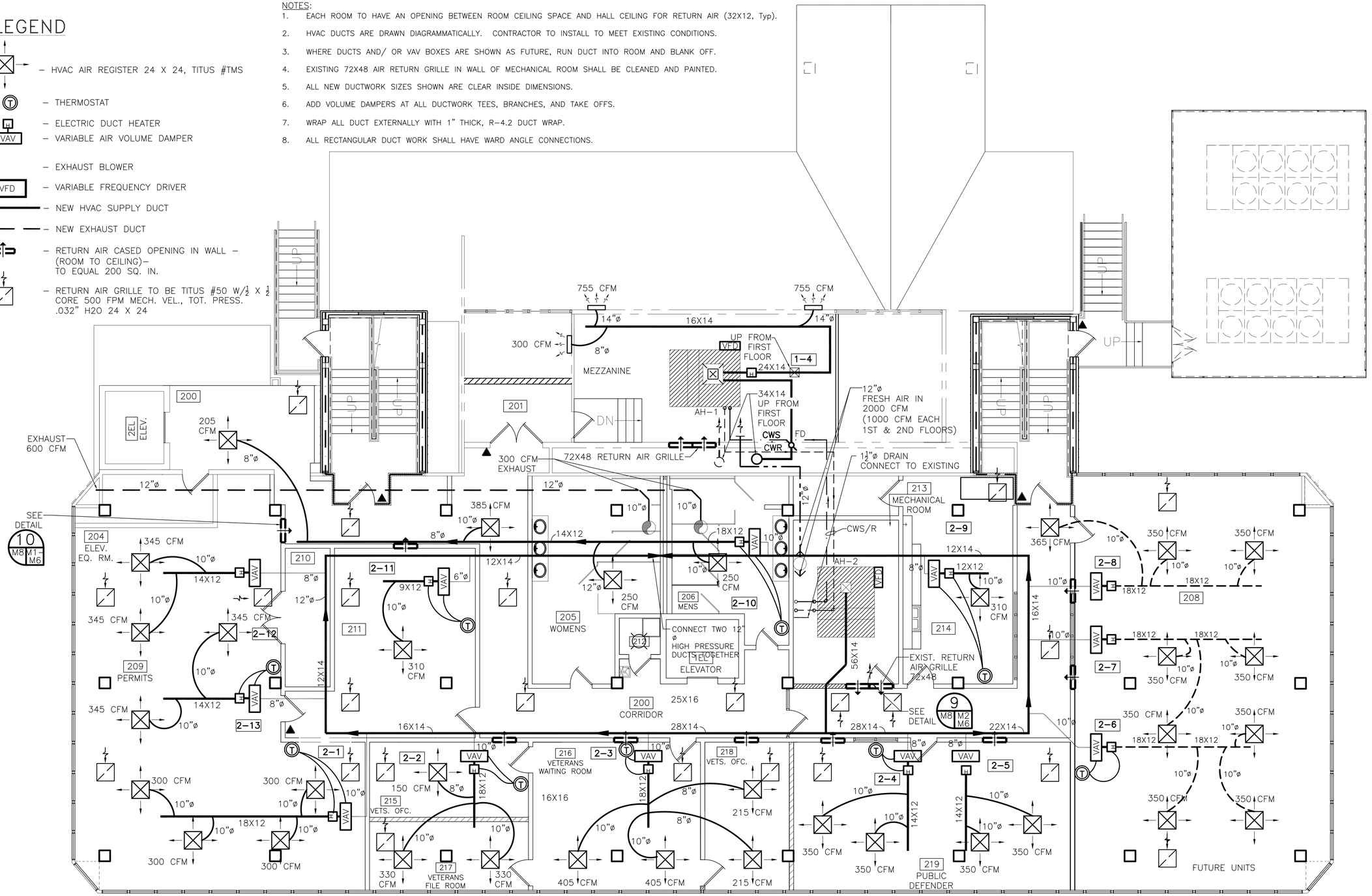
SCALE:AS NOTED
FILE:
JOB NO. 1729
DATE:1–8–07
SHEET M–1 OF

LEGEND

- HVAC AIR REGISTER 24 X 24, TITUS #TMS
- T – THERMOSTAT
- H – ELECTRIC DUCT HEATER
- VAV – VARIABLE AIR VOLUME DAMPER
- EXHAUST BLOWER
- VFD – VARIABLE FREQUENCY DRIVER
- NEW HVAC SUPPLY DUCT
- NEW EXHAUST DUCT
- RETURN AIR CASED OPENING IN WALL – (ROOM TO CEILING)– TO EQUAL 200 SQ. IN.
- RETURN AIR GRILLE TO BE TITUS #50 W/½ X ½ CORE 500 FPM MECH. VEL., TOT. PRESS. .032" H2O 24 X 24

NOTES:

1. EACH ROOM TO HAVE AN OPENING BETWEEN ROOM CEILING SPACE AND HALL CEILING FOR RETURN AIR (32X12, Typ).
2. HVAC DUCTS ARE DRAWN DIAGRAMMATICALLY. CONTRACTOR TO INSTALL TO MEET EXISTING CONDITIONS.
3. WHERE DUCTS AND/ OR VAV BOXES ARE SHOWN AS FUTURE, RUN DUCT INTO ROOM AND BLANK OFF.
4. EXISTING 72X48 AIR RETURN GRILLE IN WALL OF MECHANICAL ROOM SHALL BE CLEANED AND PAINTED.
5. ALL NEW DUCTWORK SIZES SHOWN ARE CLEAR INSIDE DIMENSIONS.
6. ADD VOLUME DAMPERS AT ALL DUCTWORK TEES, BRANCHES, AND TAKE OFFS.
7. WRAP ALL DUCT EXTERNALLY WITH 1" THICK, R-4.2 DUCT WRAP.
8. ALL RECTANGULAR DUCT WORK SHALL HAVE WARD ANGLE CONNECTIONS.



2ND FLOOR HVAC EQUIPMENT- VAV BOXES

ROOM	VAV NO.	MAX CFM	COOL CFM	MIN CFM	REHEAT KW	REHEAT STAGES	ELECTRICAL VOLTAGE	ELECTRICAL PHASE	VAV VALVE SIZE
209	2-1	1,400	1,200	410	5.5	2	277	1	10" DIAMETER
215	2-2	1,400	810	410	5.5	2	277	1	10" DIAMETER
216	2-3	1,400	1,240	410	5.5	2	277	1	10" DIAMETER
219	2-4	900	700	265	3.5	2	277	1	10" DIAMETER**
219	2-5	900	700	265	3.5	2	277	1	10" DIAMETER**

*VAV BOXES: TRANE MODEL VCEF OR EQUIVALENT. **SLAVE BOXES 2-4 & 2-5.

2ND FLOOR HVAC EQUIPMENT- VAV BOXES

ROOM	VAV NO.	MAX CFM	COOL CFM	MIN CFM	REHEAT KW	REHEAT STAGES	ELECTRICAL VOLTAGE	ELECTRICAL PHASE	VAV VALVE SIZE
FUTURE	2-6	1,400	1050	410	5.5	2	277	1	10" DIAMETER***
FUTURE	2-7	1,400	1050	410	5.5	2	277	1	10" DIAMETER***
FUTURE	2-8	1,400	1065	410	5.5	2	277	1	10" DIAMETER***
214	2-9	900	310	210	2	1	277	1	8" DIAMETER
206	2-10	1,400	1,190	550	7	3	277	1	10" DIAMETER

*VAV BOXES: TRANE MODEL VCEF OR EQUIVALENT. ***SLAVE BOXES 2-6, 2-7, & 2-8.

2ND FLOOR HVAC EQUIPMENT- VAV BOXES

ROOM	VAV NO.	MAX CFM	COOL CFM	MIN CFM	REHEAT KW	REHEAT STAGES	ELECTRICAL VOLTAGE	ELECTRICAL PHASE	VAV VALVE SIZE
211	2-11	500	310	150	1.5	1	277	1	6" DIAMETER
209	2-12	900	690	265	3.5	2	277	1	8" DIAMETER****
209	2-13	900	690	265	3.5	2	277	1	8" DIAMETER****

*VAV BOXES: TRANE MODEL VCEF OR EQUIVALENT. ****SLAVE BOXES 2-12 & 2-13.

SECOND FLOOR MECHANICAL PLAN
SCALE: 3/16"= 1'-0"

HVAC REVISED: 11-05-07ab
REVISED: 06-04-07ab
REVISED: 05-10-07ab
REVISED: 05-02-07ab
REVISED: 04-09-07ab
REVISED: 03-30-07ab
REVISED: 03-22-07

REVISED: STAR SERVICE 2-18-08

RFP #2 11-13-07

2ND FLOOR MECHANICAL PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING, INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

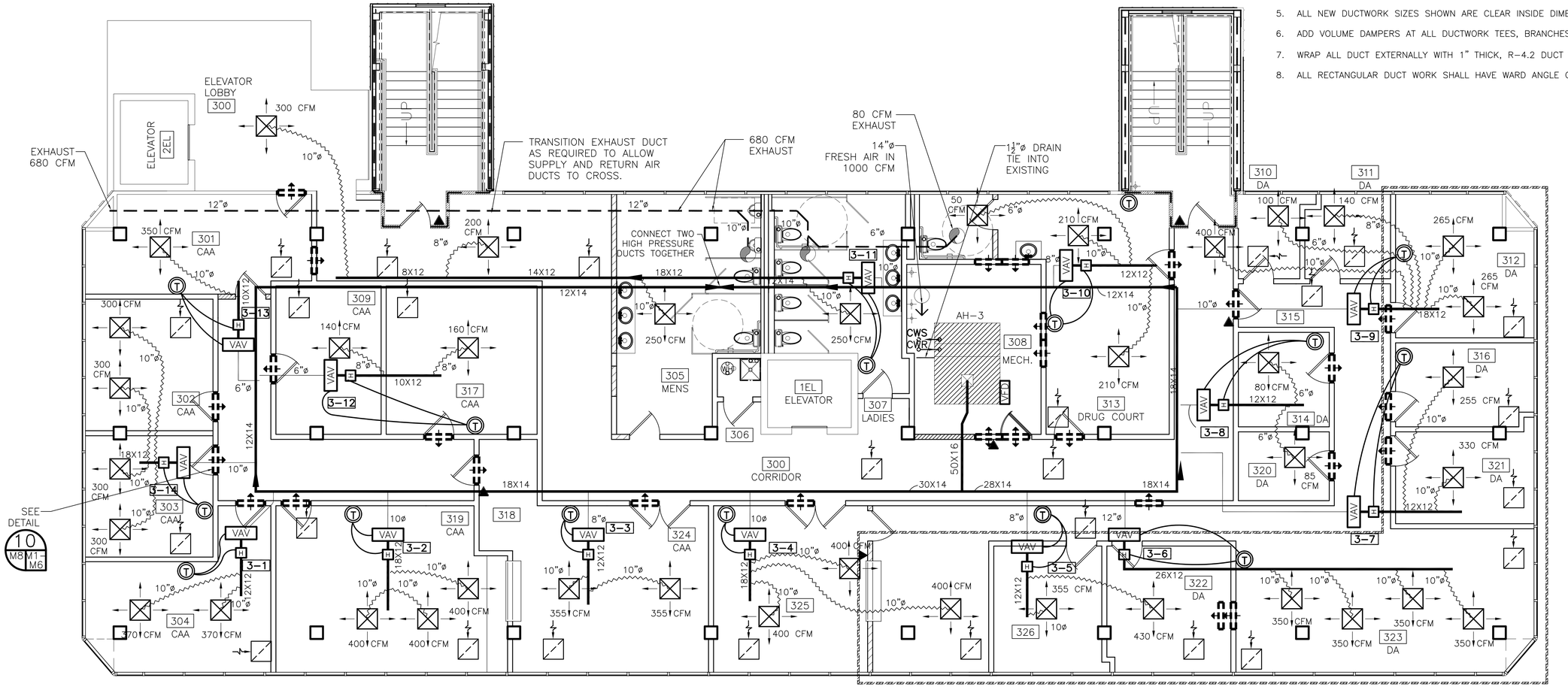
SCALE:AS NOTED
FILE:
JOB NO. 1729
DATE:12-07-06
SHEET M-2 OF

LEGEND

- HVAC SUPPLY DUCT
- EXHAUST DUCT
- HVAC AIR REGISTER 24 X 24, TITUS #TMS
- THERMOSTAT
- RETURN AIR GRILLE TO BE TITUS #50.
- RETURN AIR CASED OPENING IN WALL – (ROOM TO CEILING)– TO EQUAL 200 SQ. IN.
- H – ELECTRIC DUCT HEATER
- VAV – VARIABLE AIR VOLUME DAMPER
- EXHAUST BLOWER
- VFD – VARIABLE FREQUENCY DRIVER

NOTES:

1. EACH ROOM TO HAVE AN OPENING BETWEEN ROOM CEILING SPACE AND HALL CEILING FOR RETURN AIR (32X12, TYP).
2. RETURN AIR ABOVE CEILING IN MECHANICAL ROOM COORDINATE LOCATION OF OPENINGS IN FIELD.
3. HVAC DUCTS ARE DRAWN DIAGRAMMATICALLY. CONTRACTOR TO INSTALL TO MEET EXISTING CONDITIONS.
4. WHERE DUCTS AND/ OR VAV BOXES ARE SHOWN AS FUTURE, RUN DUCT INTO ROOM AND BLANK OFF.
5. ALL NEW DUCTWORK SIZES SHOWN ARE CLEAR INSIDE DIMENSIONS.
6. ADD VOLUME DAMPERS AT ALL DUCTWORK TEES, BRANCHES, AND TAKE OFFS.
7. WRAP ALL DUCT EXTERNALLY WITH 1" THICK, R-4.2 DUCT WRAP.
8. ALL RECTANGULAR DUCT WORK SHALL HAVE WARD ANGLE CONNECTIONS.



THIRD FLOOR MECHANICAL PLAN
SCALE: 3/16"= 1'-0"

3RD FLOOR HVAC EQUIPMENT- VAV BOXES

ROOM	VAV NO.	MAX CFM	COOL CFM	MIN CFM	REHEAT KW	REHEAT STAGES	ELECTRICAL VOLTAGE	ELECTRICAL PHASE	VAV VALVE SIZE
304	3-1	900	740	315	4	2	277	1	8" DIAMETER
319	3-2	1,400	1,200	420	5.5	2	277	1	10" DIAMETER
318	3-3	900	710	315	4	2	277	1	8" DIAMETER
325	3-4	1,400	1,200	420	5.5	2	277	1	10" DIAMETER
326	3-5	900	785	315	4	2	277	1	8" DIAMETER

*VAV BOXES: TRANE MODEL VCEF OR EQUIVALENT.
TOTAL FLOOR CFM = 11,275

3RD FLOOR HVAC EQUIPMENT- VAV BOXES

ROOM	VAV NO.	MAX CFM	COOL CFM	MIN CFM	REHEAT KW	REHEAT STAGES	ELECTRICAL VOLTAGE	ELECTRICAL PHASE	VAV VALVE SIZE
323	3-6	2,000	1,400	600	8.0	2	277	1	12" DIAMETER
321	3-7	900	585	210	3.0	2	277	1	8" DIAMETER
320	3-8	500	165	165	1.5	1	277	1	6" DIAMETER
312	3-9	1,400	1,170	820	11.0	2	277	1	10" DIAMETER
313	3-10	900	470	210	3	2	277	1	8" DIAMETER

*VAV BOXES: TRANE MODEL VCEF OR EQUIVALENT.

3RD FLOOR HVAC EQUIPMENT- VAV BOXES

ROOM	VAV NO.	MAX CFM	COOL CFM	MIN CFM	REHEAT KW	REHEAT STAGES	ELECTRICAL VOLTAGE	ELECTRICAL PHASE	VAV VALVE SIZE
307	3-11	1,400	1000	600	8	2	277	1	10" DIAMETER
317	3-12	500	300	250	3	2	277	1	6" DIAMETER
301	3-13	500	350	250	3	2	277	1	6" DIAMETER
303	3-14	1,400	1200	450	6	2	277	1	10" DIAMETER

*VAV BOXES: TRANE MODEL VCEF OR EQUIVALENT.

—INDICATES AREAS CHANGED— 10/17/08

RFP 6 REVISED: 10-17-08ab
HVAC REVISED: 11-05-07ab
REVISED: 06-04-07ab
REVISED: 05-10-07ab
REVISED: 05-02-07ab
REVISED: 04-09-07ab
REVISED: 03-30-07ab
REVISED: 03-22-07

REVISED: STAR SERVICE 6-2-08

RFP #2 11-13-07

3RD FLOOR MECHANICAL PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE CORPORATE OFFICE BUILDING

DAMMON ENGINEERING, INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE:AS NOTED
FILE:
JOB NO. 1729
DATE:12-07-06
SHEET M-3 OF

LEGEND

— NEW HVAC SUPPLY DUCT
– – – – NEW EXHAUST DUCT

– HVAC AIR REGISTER 24 X 24, TITUS #TMS

T – THERMOSTAT

H – ELECTRIC DUCT HEATER

VAV – VARIABLE AIR VOLUME DAMPER

– EXHAUST BLOWER

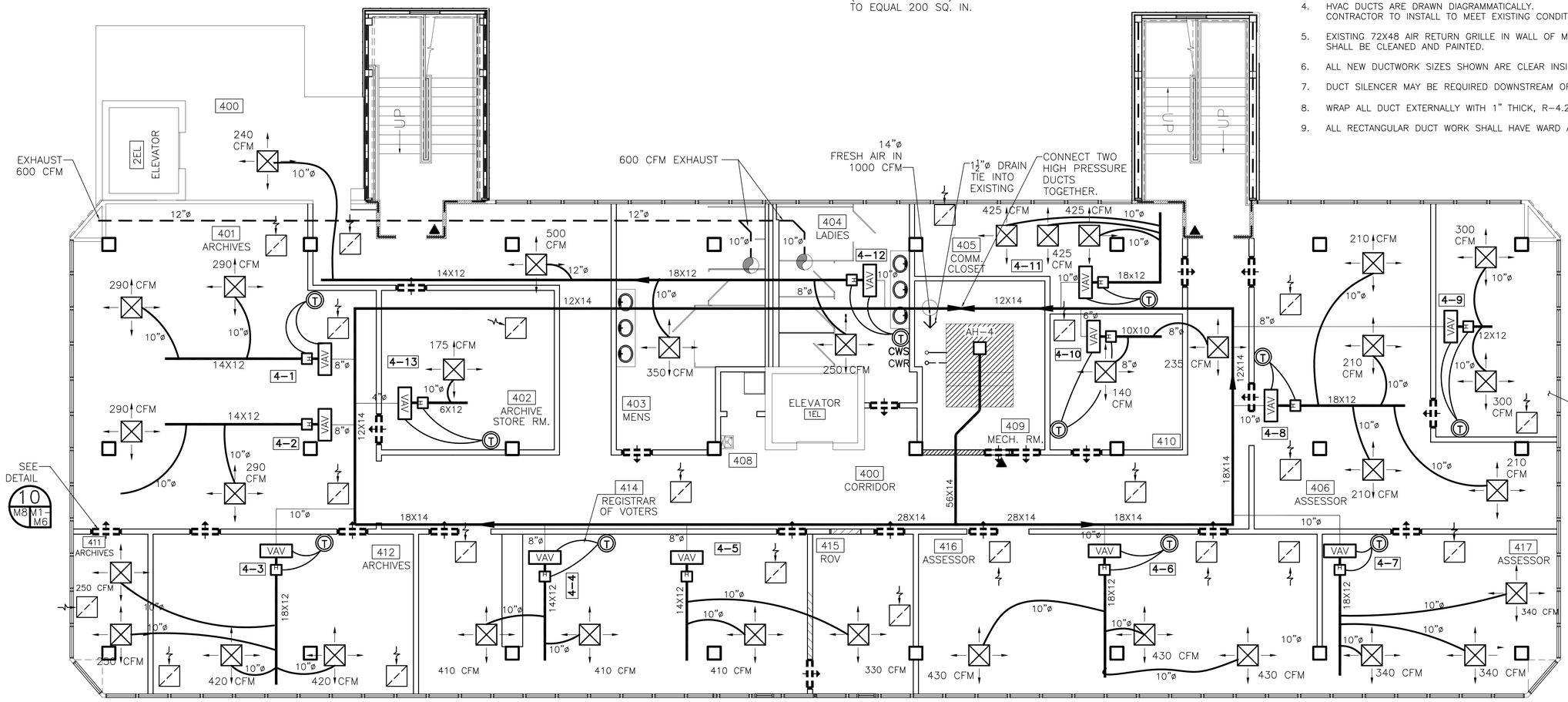
VFD – VARIABLE FREQUENCY DRIVER

– RETURN AIR GRILLE TO BE TITUS #50 W/ 1/2 X 1/2 CORE 500 FPM MECH. VEL., TOT. PRESS. .032" H2O 24 X 24

– RETURN AIR CASED OPENING IN WALL – (ROOM TO CEILING)– TO EQUAL 200 SQ. IN.

NOTES:

1. EACH ROOM TO HAVE AN OPENING BETWEEN ROOM CEILING SPACE AND HALL CEILING FOR RETURN AIR (32X12, TYP).
2. EXISTING DUCTWORK TO BE REUSED SHALL BE CLEANED PRIOR TO USAGE. SEE SPECIFICATIONS.
3. PORTIONS OF DUCTWORK NOT SHOWN AS BEING REUSED SHALL BE REMOVED, CLEANED AND REUSED IN OTHER LOCATIONS CALLING FOR THAT DUCT SIZE OR SMALLER. INSTALL CLOSURE PLATES AT ALL UNUSED OPENINGS IN DUCT NOT BEING REUSED. REMOVE ALL UNUSED DUCT, HANGERS, ETC. WHEN COMPLETE.
4. HVAC DUCTS ARE DRAWN DIAGRAMMATICALLY. CONTRACTOR TO INSTALL TO MEET EXISTING CONDITIONS.
5. EXISTING 72X48 AIR RETURN GRILLE IN WALL OF MECHANICAL ROOM SHALL BE CLEANED AND PAINTED.
6. ALL NEW DUCTWORK SIZES SHOWN ARE CLEAR INSIDE DIMENSIONS.
7. DUCT SILENCER MAY BE REQUIRED DOWNSTREAM OF VAV.
8. WRAP ALL DUCT EXTERNALLY WITH 1" THICK, R-4.2 DUCT WRAP.
9. ALL RECTANGULAR DUCT WORK SHALL HAVE WARD ANGLE CONNECTIONS.



FOURTH FLOOR MECHANICAL PLAN

SCALE: 3/16"= 1'-0"

N

4TH FLOOR HVAC EQUIPMENT- VAV BOXES

ROOM	VAV NO.	MAX CFM	COOL CFM	MIN CFM	REHEAT KW	REHEAT STAGES	ELECTRICAL VOLTAGE	ELECTRICAL PHASE	VAV VALVE SIZE
401	4-1	900	580	265	3.5	2	277	1	8" DIAMETER**
401	4-2	900	580	265	3.5	2	277	1	8" DIAMETER**
412	4-3	1,400	1,340	410	5.5	2	277	1	10" DIAMETER
414	4-4	900	820	265	3.5	2	277	1	8" DIAMETER***
414	4-5	900	740	265	3.5	2	277	1	8" DIAMETER***

*VAV BOXES: TRANE MODEL VCEF OR EQUIVALENT.
**SLAVE BOXES 4-1 & 4-2.
***SLAVE BOXES 4-4 & 4-5.

4TH FLOOR HVAC EQUIPMENT- VAV BOXES

ROOM	VAV NO.	MAX CFM	COOL CFM	MIN CFM	REHEAT KW	REHEAT STAGES	ELECTRICAL VOLTAGE	ELECTRICAL PHASE	VAV VALVE SIZE
416	4-6	1,400	1,290	410	5.5	2	277	1	10" DIAMETER
417	4-7	1,400	1,020	410	5.5	2	277	1	10" DIAMETER
406	4-8	1,400	840	410	5.5	2	277	1	10" DIAMETER
407	4-9	900	600	265	3.5	2	277	1	8" DIAMETER
410	4-10	500	375	180	2.0	2	277	1	6" DIAMETER

*VAV BOXES: TRANE MODEL VCEF OR EQUIVALENT.

4TH FLOOR HVAC EQUIPMENT- VAV BOXES

ROOM	VAV NO.	MAX CFM	COOL CFM	MIN CFM	REHEAT KW	REHEAT STAGES	ELECTRICAL VOLTAGE	ELECTRICAL PHASE	VAV VALVE SIZE
405	4-11	1,400	1,400	0	-	-	-	-	10" DIAMETER
404	4-12	1,400	1,340	820	11	3	277	1	10" DIAMETER
402	4-13	350	175	125	1.0	1	277	1	4" DIAMETER

*VAV BOXES: TRANE MODEL VCEF OR EQUIVALENT.

HVAC REVISED: 11-05-07ab
REVISED: 06-04-07ab
REVISED: 05-10-07ab
REVISED: 05-02-07ab
REVISED: 04-09-07ab
REVISED: 03-30-07ab
REVISED: 03-22-07

REVISED: STAR SERVICE 2-18-08

RFP #2 11-13-07

4TH FLOOR MECHANICAL PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING, INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

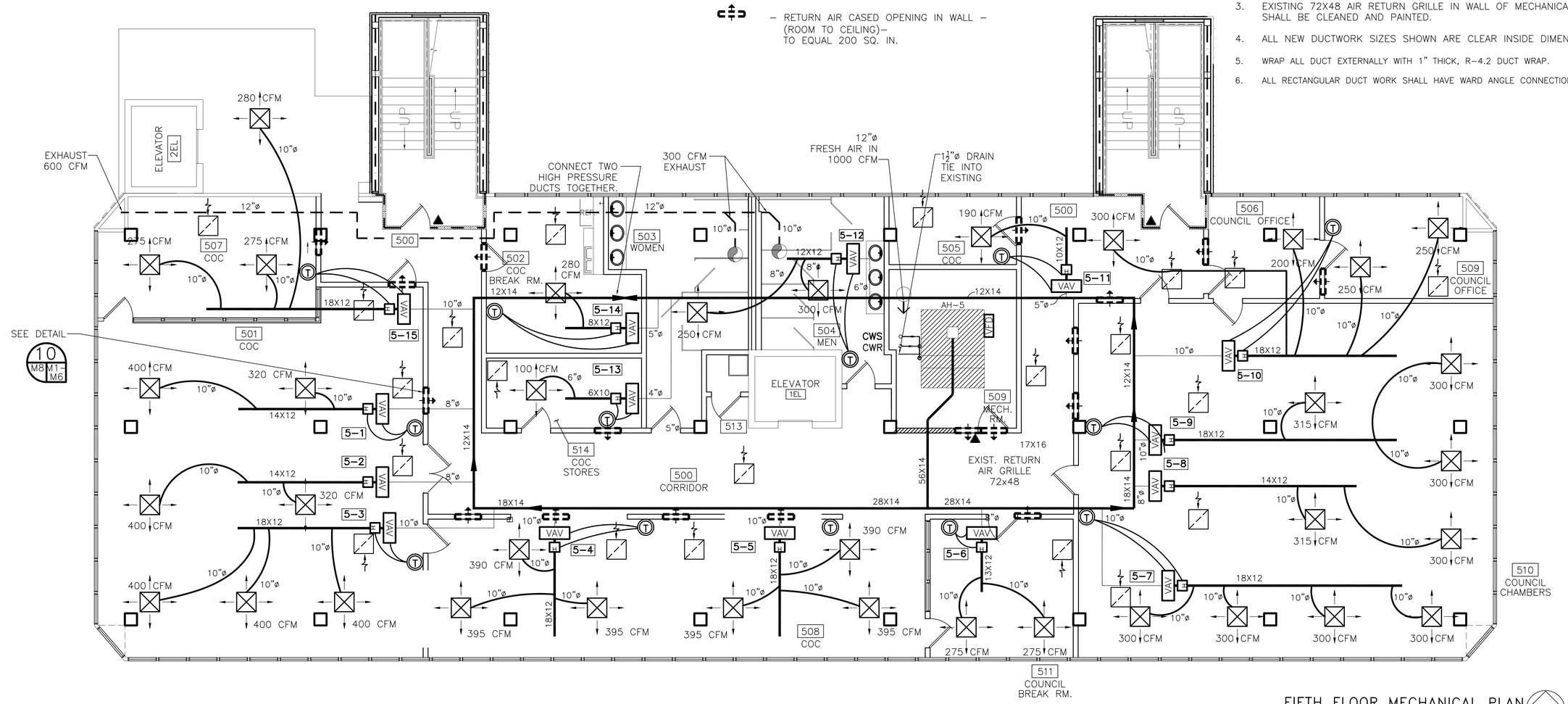
SCALE:AS NOTED
FILE:
JOB NO. 1729
DATE:12-07-06
SHEET M-4
OF

LEGEND

- NEW HVAC SUPPLY DUCT
- NEW EXHAUST DUCT
- HVAC AIR REGISTER 24 X 24, TITUS #TMSA-AA
- THERMOSTAT
- ELECTRIC DUCT HEATER
- VAV – VARIABLE AIR VOLUME DAMPER
- EXHAUST BLOWER
- VFD – VARIABLE FREQUENCY DRIVER
- RETURN AIR GRILLE TO BE TITUS #50 W/ 1/2 X 1/2 CORE 500 FPM MECH. VEL., TOT. PRESS. .032" H2O 24 X 24
- RETURN AIR CASED OPENING IN WALL – (ROOM TO CEILING)– TO EQUAL 200 SQ. IN.

NOTES:

1. EACH ROOM TO HAVE AN OPENING BETWEEN ROOM CEILING SPACE AND HALL CEILING FOR RETURN AIR (32X12, TYP).
2. HVAC DUCTS ARE DRAWN DIAGRAMMATICALLY. CONTRACTOR TO INSTALL TO MEET EXISTING CONDITIONS.
3. EXISTING 72X48 AIR RETURN GRILLE IN WALL OF MECHANICAL ROOM SHALL BE CLEANED AND PAINTED.
4. ALL NEW DUCTWORK SIZES SHOWN ARE CLEAR INSIDE DIMENSIONS.
5. WRAP ALL DUCT EXTERNALLY WITH 1" THICK, R-4.2 DUCT WRAP.
6. ALL RECTANGULAR DUCT WORK SHALL HAVE WARD ANGLE CONNECTIONS.



FIFTH FLOOR MECHANICAL PLAN

SCALE: 3/16"= 1'-0"

5TH FLOOR HVAC EQUIPMENT- VAV BOXES

ROOM	VAV NO.	MAX CFM	COOL CFM	MIN CFM	REHEAT KW	REHEAT STAGES	ELECTRICAL VOLTAGE	ELECTRICAL PHASE	VAV VALVE SIZE
501	5-1	900	720	315	4.0	2	277	1	8" DIAMETER**
501	5-2	900	720	315	4.0	2	277	1	8" DIAMETER**
501	5-3	1,400	1,200	410	5.5	3	277	1	10" DIAMETER
508	5-4	1,400	1,180	410	5.5	3	277	1	10" DIAMETER
508	5-5	1,400	1,180	410	5.5	3	277	1	10" DIAMETER

*VAV BOXES: TRANE MODEL VCEF OR EQUIVALENT.
**SLAVE BOXES 5-1 & 5-2.

5TH FLOOR HVAC EQUIPMENT- VAV BOXES

ROOM	VAV NO.	MAX CFM	COOL CFM	MIN CFM	REHEAT KW	REHEAT STAGES	ELECTRICAL VOLTAGE	ELECTRICAL PHASE	VAV VALVE SIZE
511	5-6	900	550	210	3.0	2	277	1	8" DIAMETER
510	5-7	1,400	1,200	410	5.5	3	277	1	10" DIAMETER
510	5-8	900	615	210	3.0	2	277	1	8" DIAMETER***
510	5-9	1,400	915	410	5.5	3	277	1	10" DIAMETER***
510	5-10	1,400	1,000	410	5.5	3	277	1	10" DIAMETER

*VAV BOXES: TRANE MODEL VCEF OR EQUIVALENT.
***SLAVE BOXES 5-8 & 5-9.

5TH FLOOR HVAC EQUIPMENT- VAV BOXES

ROOM	VAV NO.	MAX CFM	COOL CFM	MIN CFM	REHEAT KW	REHEAT STAGES	ELECTRICAL VOLTAGE	ELECTRICAL PHASE	VAV VALVE SIZE
500	5-11	350	190	125	1.0	1	277	1	5" DIAMETER
504	5-12	900	550	550	7.0	3	277	1	8" DIAMETER
514	5-13	350	100	85	0.5	1	277	1	5" DIAMETER
502	5-14	500	280	150	1.5	1	277	1	6" DIAMETER
515	5-15	1,400	830	410	5.5	3	277	1	10" DIAMETER

*VAV BOXES: TRANE MODEL VCEF OR EQUIVALENT.

HVAC REVISED: 11-05-07ab
REVISED: 10-10-07ab
REVISED: 06-04-07ab
REVISED: 05-10-07ab
REVISED: 05-02-07ab
REVISED: 04-09-07ab
REVISED: 03-30-07ab
REVISED: 03-22-07

REVISED: STAR SERVICE 2-18-08

RFP #2 11-13-07

5TH FLOOR MECHANICAL PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

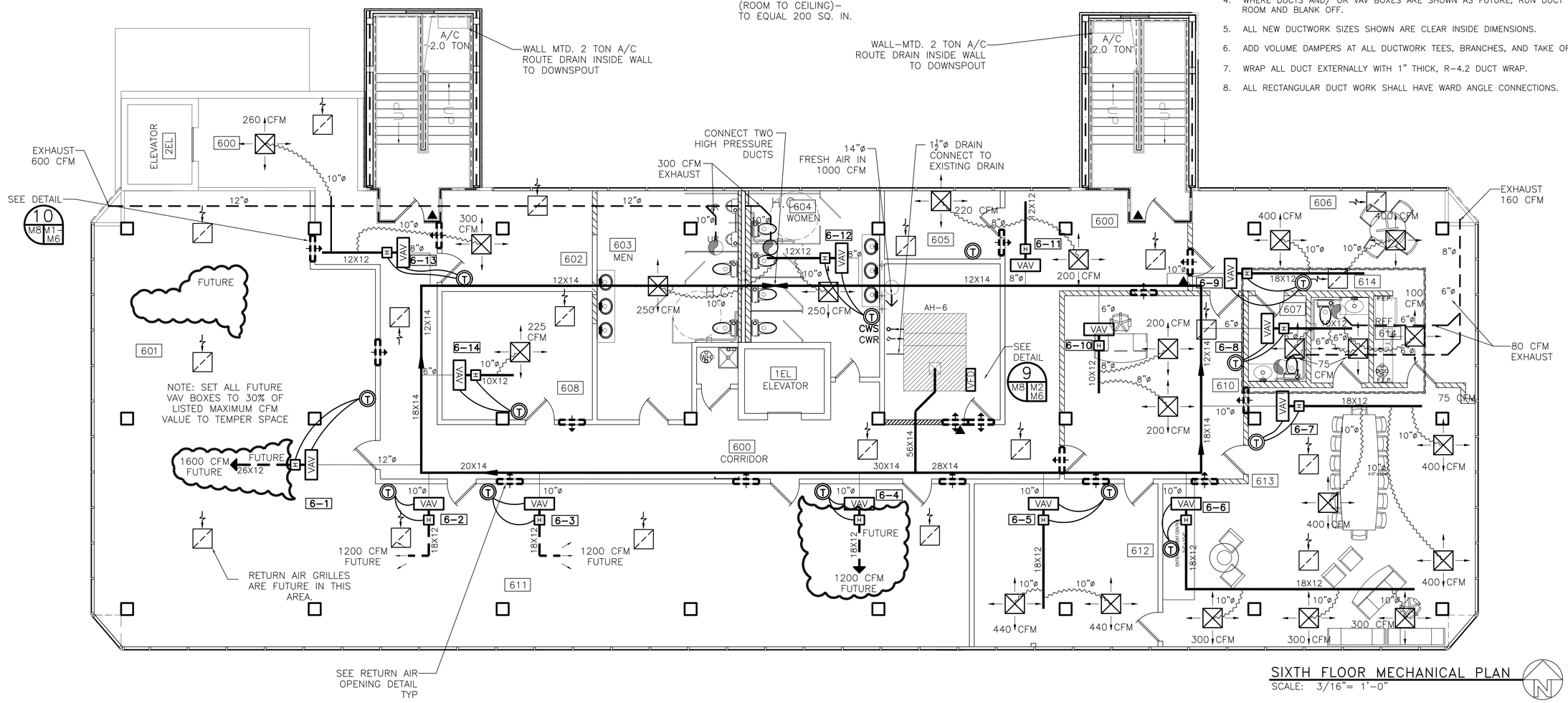
SCALE:AS NOTED
FILE:
JOB NO.
DATE:10-24-06
SHEET M-5 OF

LEGEND

- HVAC SUPPLY DUCT
- EXHAUST DUCT
- HVAC AIR REGISTER 24 X 24, TITUS #TMS
- THERMOSTAT
- ELECTRIC DUCT HEATER
- VAV — VARIABLE AIR VOLUME DAMPER
- EXHAUST BLOWER
- VFD — VARIABLE FREQUENCY DRIVER
- RETURN AIR GRILLE TO BE TITUS #50.
- RETURN AIR CASED OPENING IN WALL – (ROOM TO CEILING)– TO EQUAL 200 SQ. IN.

NOTES:

1. EACH ROOM TO HAVE AN OPENING BETWEEN ROOM CEILING SPACE AND HALL CEILING FOR RETURN AIR (32X12, TYP).
2. RETURN AIR ABOVE CEILING IN MECHANICAL ROOM COORDINATE LOCATION OF OPENINGS IN FIELD.
3. HVAC DUCTS ARE DRAWN DIAGRAMMATICALLY. CONTRACTOR TO INSTALL TO MEET EXISTING CONDITIONS.
4. WHERE DUCTS AND/ OR VAV BOXES ARE SHOWN AS FUTURE, RUN DUCT INTO ROOM AND BLANK OFF.
5. ALL NEW DUCTWORK SIZES SHOWN ARE CLEAR INSIDE DIMENSIONS.
6. ADD VOLUME DAMPERS AT ALL DUCTWORK TEES, BRANCHES, AND TAKE OFFS.
7. WRAP ALL DUCT EXTERNALLY WITH 1" THICK, R–4.2 DUCT WRAP.
8. ALL RECTANGULAR DUCT WORK SHALL HAVE WARD ANGLE CONNECTIONS.



SIXTH FLOOR MECHANICAL PLAN
SCALE: 3/16"= 1'–0"

6TH FLOOR HVAC EQUIPMENT- VAV BOXES

ROOM	VAV NO.	MAX CFM	COOL CFM	MIN CFM	REHEAT KW	REHEAT STAGES	ELECTRICAL VOLTAGE	ELECTRICAL PHASE	VAV VALVE SIZE
601	6-1	2,000	1,600	600	8.0	2	277	1	12" DIAMETER
611	6-2	1,400	1,200	450	6.0	2	277	1	10" DIAMETER
611	6-3	1,400	1,200	450	6.0	2	277	1	10" DIAMETER
611	6-4	1,400	1,200	450	6.0	2	277	1	10" DIAMETER
612	6-5	1,400	880	450	6.0	2	277	1	10" DIAMETER

*VAV BOXES: TRANE MODEL VCEF OR EQUIVALENT.

TOTAL FLOOR CFM = 11,385

6TH FLOOR HVAC EQUIPMENT- VAV BOXES

ROOM	VAV NO.	MAX CFM	COOL CFM	MIN CFM	REHEAT KW	REHEAT STAGES	ELECTRICAL VOLTAGE	ELECTRICAL PHASE	VAV VALVE SIZE
613	6-6	1,400	900	450	6.0	2	277	1	10" DIAMETER
613	6-7	1,400	1200	450	6.0	2	277	1	10" DIAMETER
606	6-8	500	250	250	3.0	2	277	1	6" DIAMETER
606	6-9	1,400	800	350	5.0	2	277	1	10" DIAMETER
610	6-10	500	400	150	1.5	1	277	1	6" DIAMETER

*VAV BOXES: TRANE MODEL VCEF OR EQUIVALENT.

6TH FLOOR HVAC EQUIPMENT- VAV BOXES

ROOM	VAV NO.	MAX CFM	COOL CFM	MIN CFM	REHEAT KW	REHEAT STAGES	ELECTRICAL VOLTAGE	ELECTRICAL PHASE	VAV VALVE SIZE
605	6-11	900	420	210	3.0	2	277	1	8" DIAMETER
604	6-12	900	550	550	7.0	2	277	1	8" DIAMETER
600	6-13	900	560	265	3.5	2	277	1	8" DIAMETER
608	6-14	500	225	210	2.0	2	277	1	6" DIAMETER

*VAV BOXES: TRANE MODEL VCEF OR EQUIVALENT.

–INDICATES AREAS CHANGED– 10/17/08

RFP 6 REVISED: 10–17–08ab
HVAC REVISED: 11–05–07ab
REVISED: 06–04–07ab
REVISED: 05–10–07ab
REVISED: 05–02–07ab
REVISED: 04–09–07ab
REVISED: 03–30–07ab
REVISED: 03–22–07

REVISED: STAR SERVICE 6–2–08

RFP #2 11-13-07

6TH FLOOR MECHANICAL PLAN

RENOVATE PRIVATE OFFICE BUILDING

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985–649–5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

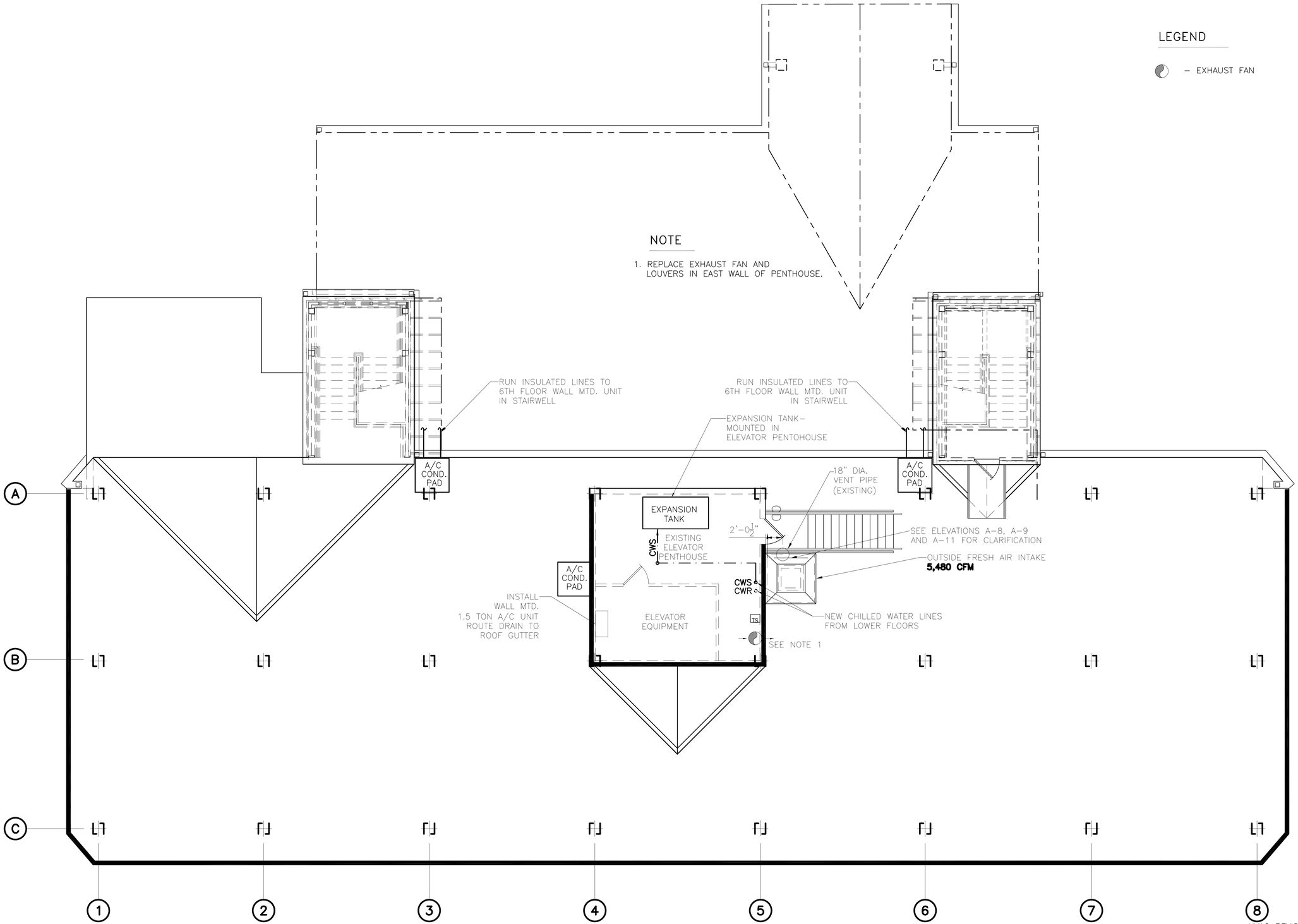
SCALE:AS NOTED
FILE:
JOB NO.
DATE:12–07–06
SHEET M–6
OF

LEGEND

– EXHAUST FAN

NOTE

1. REPLACE EXHAUST FAN AND LOUVERS IN EAST WALL OF PENTHOUSE.



12X9 INDICATES ITEMS CHANGED– 02/26/08

ROOF MECHANICAL PLAN

SCALE: 3/16"= 1'–0"

HVAC REVISED: 02/26/08ab
HVAC REVISED: 11/05/07ab
REVISED: 06/04/07ab
REVISED: 05/10/07ab
REVISED: 05/02/07ab
REVISED: 04/09/07ab
REVISED: 03/07/07ab
REVISED: 1/29/07

RFP #2 11-13-07

ROOF MECHANICAL PLAN

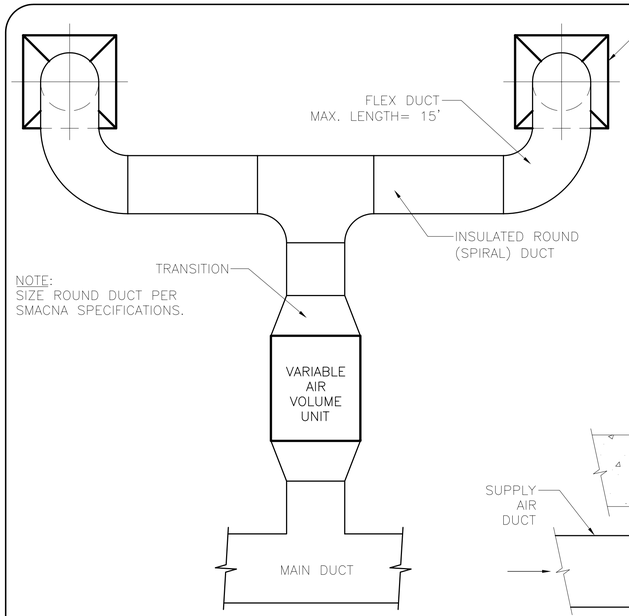
ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE:AS NOTED
FILE:
JOB NO. 1729
DATE:1–8–07

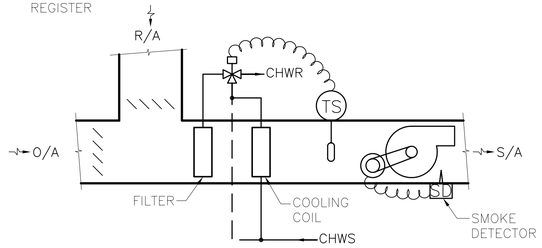
SHEET
M–7
OF



TYPICAL ROOM DUCT

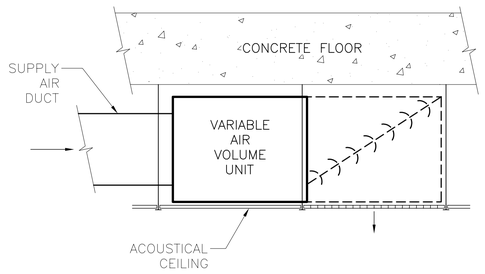
N. T. S.

CAUTION:
CEILING TO
DECK ABOVE
1'-4" MAX.



TYPICAL AIR HANDLER 9 (M8 | M2 M6)

N. T. S.



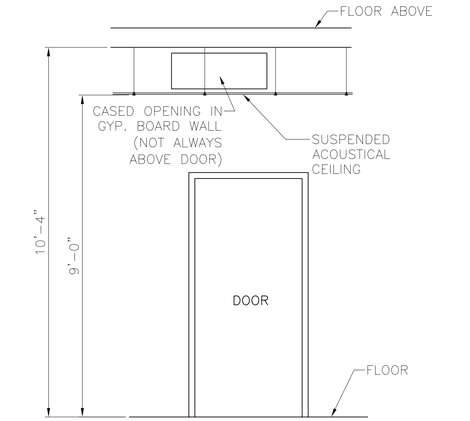
TYPICAL VAV UNIT DETAIL

N. T. S.

SYMBOL LEGEND

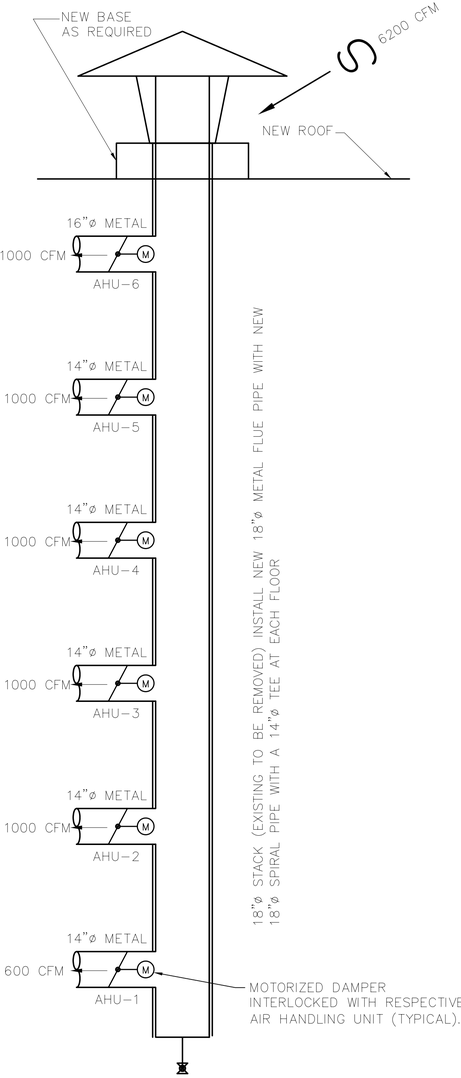
SYMBOL LEGEND APPLIES TO ALL MECHANICAL & PIPING.

- GATE VALVE
- BALL VALVE
- ELECTRIC 3-WAY VALVE
- THERMOSTAT
- Y-STRAINER



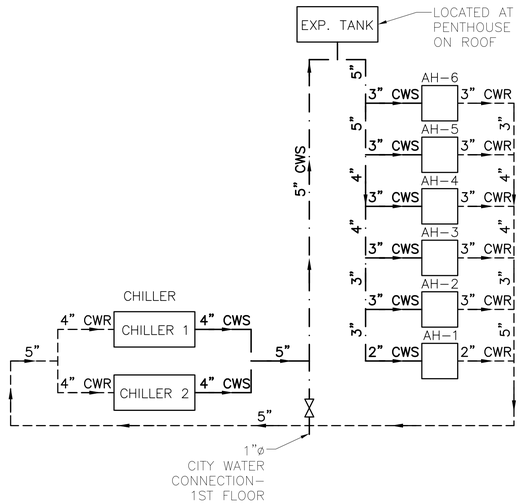
RETURN AIR OPENING DETAIL (TYP FLOORS 2 THRU 6) 10 (M8 | M1 M6)

N. T. S.



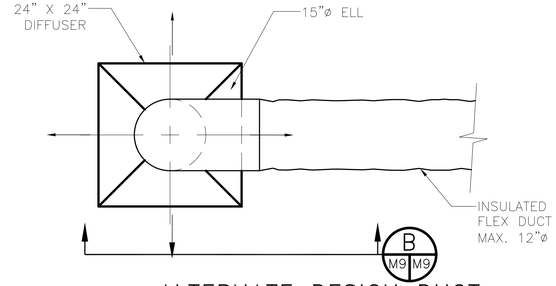
OUTSIDE AIR RISER DIAGRAM

N. T. S.



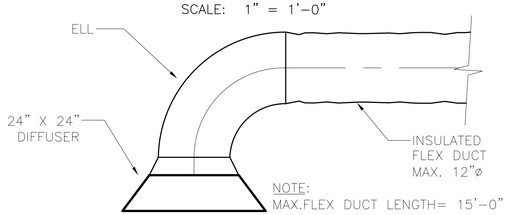
CHILLED WATER PIPING DIAGRAM

N. T. S.



ALTERNATE DESIGN DUCT

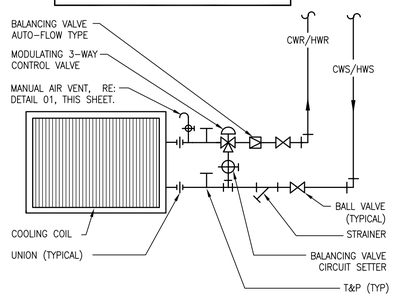
SCALE: 1" = 1'-0"



SECTION B (M9 | M9)

SCALE: 1" = 1'-0"

NOTE:
CONTRACTOR TO PROVIDE VALVE KIT EQUIVALENT TO BELL & GOSSETT CIRCUIT SENTRY AC3YMC.



NOTE:
THIS COIL PIPING ARRANGEMENT APPLIES TO ALL AIR HANDLERS WITH CHILLED WATER COILS AND HOT WATER COILS INCLUDING AHU'S THAT ARE DX WITH HOT WATER COILS. SEE DETAIL 04, SHEET M18 FOR ALL CLASSROOM COIL PIPING ARRANGEMENTS.

TYPICAL PIPING AT AHU

N. T. S.

SCHEDULE OF AHU UNITS

		COOLING BTU/H				FAN			
FLOOR	CFM	SEN	LAT	TOTAL	CHW GPM	ESP IN. W.G.	HP	O/A CFM	TRANE MC SERIES
1	5,846	141.6	43.62	185.2	30.0	2.5	7.5	600	CONSTANT VOLUME
2	11,000	266.4	87.38	353.8	70.5	3	15	1,000	VARIABLE AIR VOLUME
3	11,000	266.4	87.38	353.8	70.5	3	15	1,000	VARIABLE AIR VOLUME
4	11,000	266.4	87.38	353.8	70.5	3	15	1,000	VARIABLE AIR VOLUME
5	11,000	266.4	87.38	353.8	70.5	3	15	1,000	VARIABLE AIR VOLUME
6	11,000	266.4	87.38	353.8	70.5	3	15	1,000	VARIABLE AIR VOLUME

TOILET ROOM EXHAUST FAN SCHEDULE

FLOOR	CFM	ESP IN. W.G.	ELECTRICAL	TYPE
1	210	0.5"	120/60/1	CEILING MTD. W/ DUCT OUT (2 REQ'D.)
1	80	0.5"	120/60/1	CEILING MTD. W/ DUCT OUT (1 REQ'D.)
2	300	0.5"	120/60/1	CEILING MTD. W/ DUCT OUT (2 REQ'D.)
3	300	0.5"	120/60/1	CEILING MTD. W/ DUCT OUT (2 REQ'D.)
3	80	0.5"	120/60/1	CEILING MTD. W/ DUCT OUT (1 REQ'D.)
4	300	0.5"	120/60/1	CEILING MTD. W/ DUCT OUT (2 REQ'D.)
5	300	0.5"	120/60/1	CEILING MTD. W/ DUCT OUT (2 REQ'D.)
6	80	0.25"	120/60/1	CEILING MTD. W/ DUCT OUT (2 REQ'D.)
6	300	0.5"	120/60/1	CEILING MTD. W/ DUCT OUT (2 REQ'D.)
7	*	0.25"	120/60/1	CEILING MTD. W/ DUCT OUT (1 REQ'D.)

*COORDINATE WITH PENTHOUSE REQUIREMENTS.

HVAC EQUIPMENT SCHEDULE- SCEW CHILLERS

NUMBER	TONS	TEMPERATURES		MAX. GPM FLOW	HEAD PRESSURE	ELECT. POWER	MCA	MODEL
REQUIRED	MAX. REQ'D	°FARENHEIT			FEET H_2O	VOLT/PHASE/HERTZ	AMPS	(OR EQUAL)
		IN	OUT					
2	80	55	45	194.3	12.7	460/3/60	166	TRANE MODEL RTAA080

REVISED: 10-10-07ab
REVISED: 05-10-07ab
REVISED: 05-02-07ab
REVISED: 04-09-07ab
HVAC REVISED: 11-05-07ab REVISED: 03-01-07dd

REVISED: STAR SERVICE 2-18-08

RFP #2 11-13-07

HVAC SYSTEM SCHEDULES & DETAILS

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING, INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE:AS NOTED

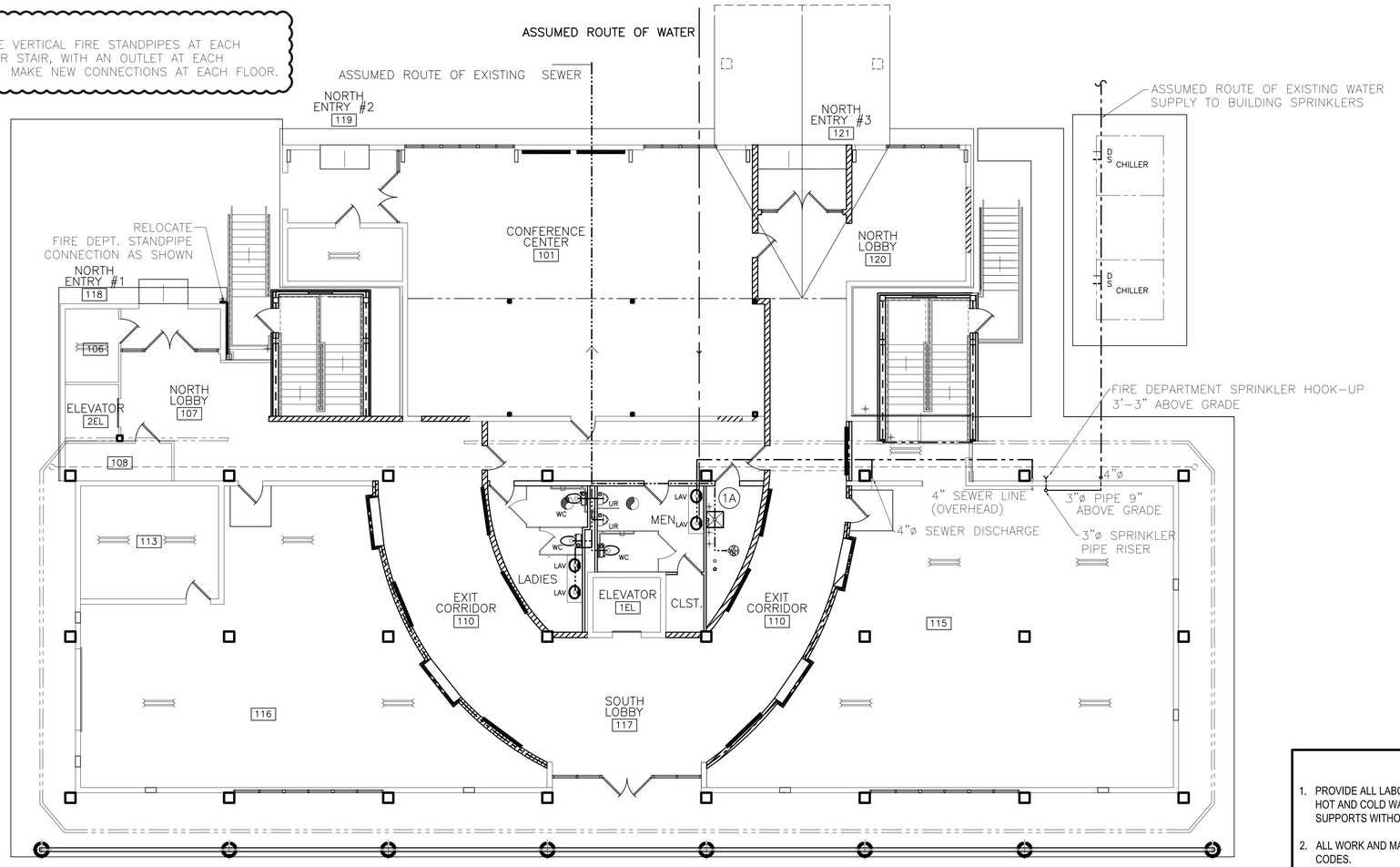
FILE:

JOB NO. 1729

DATE:1-8-07

SHEET
M-8
OF

NOTE:
REPLACE VERTICAL FIRE STANDPIPES AT EACH EXTERIOR STAIR, WITH AN OUTLET AT EACH FLOOR. MAKE NEW CONNECTIONS AT EACH FLOOR.



FIRST FLOOR PLUMBING PLAN
SCALE: 1/8"= 1'-0"

LEGEND

- ⊠ – MOP SINK & STAND
- (WH) – 6 GALLON, 120 VAC, 1 PH. COMPACT WATER HEATER
- –·–·–·– – SANITARY SEWER LINE

= ADDENDUM 4 CHANGE

NOTES:

1. THESE ARE NEW RESTROOMS AND WILL REQUIRE EXISTING SERVICES THRU THE WALL, NEW WALL SUPPORTS FOR WALL HUNG FIXTURES, ETC. DRAIN FROM LAVATORIES AND SANITARY FACILITIES MAY BE CONNECTED TO EXISTING FLOOR DRAINS AND EXTENDED TO EXISTING SERVICE IF THE LINES ARE TESTED AND FOUND SOUND.

2. NEW VENT LINES SHELL RUN TO N.E. CORNER VERTICAL OPENING TO ROOF.

3. PROVIDE ALL NEW MENS ROOM WATER CLOSETS, LAVATORIES, URINALS, PIPING AND PIPING FIXTURES.

4. PROVIDE ALL NEW LADIES ROOM WATER CLOSETS, LAVATORIES, PIPING, AND PIPING FIXTURES.

5. PROVIDE ALL NEW TOILET SEATS AND SANITARY NAPKIN DISPOSAL.

6. INSTALL OWNER PROVIDED SOAP DISPENSERS, TOILET PAPER HOLDERS, AND PAPER TOWEL HOLDERS.

7. INTEGRAL LAVATORY/VANITY: CULTURED MARBLE, SIZE AS SHOWN ON DRAWING A-21.

8. URINALS: TOTO UT447 (OR EQUAL) WITH TOTO TMU1NNC 1Gpf FLUSH VALVE (OR EQUAL).

9. WATER CLOSETS: TOTO CT705 (CT705L FOR HANDICAP) WITH TOTO TMTINNC-32 1.6 Gpf FLUSH VALVE, AMERICAN STANDARD 2234 WITH SLOAN 111 ROYAL 1.6 Gpf FLUSHOMETER VALVE (OR EQUAL).

10. TOILET SEATS: KOHLER K-4710-T (MENS), K-4752 (LADIES) (OR EQUALS).

11. PARTITIONS: BOBRICK 1080 SERIES PHENOLIC (OR EQUAL).

12. MIRRORS: SHEET MIRROR 3'-0" HIGH X LENGTH OF VANITY, MOUNTED 3'-4" ABOVE FLOOR.

13. SANITARY NAPKIN DISPOSAL: BOBRICK B354 (LADIES PARTITIONS) (OR EQUAL).

PLUMBING NOTES

1. PROVIDE ALL LABOR, MATERIAL AND EQUIPMENT FOR A COMPLETE OPERATING SYSTEM. THE SYSTEM SHALL INCLUDE HOT AND COLD WATER PIPING, SEWER AND VENT PIPING, INSULATION, WATER HEATER, HANGERS, VALVES, AND ALL SUPPORTS WITHOUT ANY RESTRICTIONS TO VOLUME. CUT AND PATCH AS REQUIRED TO INSTALL PIPES.
2. ALL WORK AND MATERIAL TO COMPLY STRICTLY TO THE LATEST LOCAL CITY, PARISH, STATE, AND NATIONAL GOVERNING CODES.
3. CONTRACTOR IS TO FIELD VERIFY ALL EXISTING UTILITY LOCATIONS, ELEVATIONS, AND SIZES PRIOR TO COMMENCING ANY WORK. CONTRACTOR SHALL PAY NECESSARY FEES FOR THE UTILITIES CONNECTIONS.
4. CONTRACTOR TO BE RESPONSIBLE TO VERIFY ANY EXISTING INVERTS AND SET NEW INVERTS OF SEWAGE AND DRAINAGE PIPES.
5. SEWAGE LINES 3" AND SMALLER SHALL BE SLOPED ¼" PER FOOT AND LINES 4" AND LARGER SHALL BE ⅛" PER FOOT.
6. TEST ALL PIPING AT REQUIRED PRESSURE.
7. ALL PLUMBING SHALL BE CLOSELY COORDINATED WITH STRUCTURAL, MECHANICAL, AND ELECTRICAL SYSTEMS TO INSURE NO TRADES WILL CONFLICT WITH EACH OTHER.
8. DO NOT SCALE DRAWINGS; SEE DIMENSIONS ON ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF DOORS, WINDOWS, WALLS, FIXTURES, ETC.
9. ALL WATER MAINS AND PIPING NOT SHOWN FOR CLARITY, ALL LOCATIONS FIELD VERIFIED.
10. DOMESTIC HOT AND COLD WATER PIPING AND FITTINGS UNDER SLAB SHALL BE ASTM 888 COPPER WATER TUBE, TYPE 'L' HARD DRAWN WITH COPPER PRESSURE TYPE FITTINGS, ANSI B16.22. THE JOINTS SHALL BE SOLDERED TYPE USING ASTM 832, ALLOY GRADE 95A (95-5) SOLDER.
11. SOIL, WASTE, VENT PIPING AND FITTINGS ABOVE THE SLAB SHALL BE SERVICE WEIGHT CAST IRON PIPE WITH BELL AND SPIGOT ENDS AND ONE PIECE NEOPRENE INSERT TYPE GASKET. USE PVC SCHEDULE 40 OR ABS DWV PIPES AND FITTINGS WHERE INDICATED BY CODE.
12. ALL WATER PIPING AND FITTINGS SHALL BE INSULATED WITH ½" THICK FIBERGLASS INSULATION & JACKET.
13. ALL ELECTRICAL, MECHANICAL, AND PLUMBING PENETRATING FIRE WALLS SHALL BE FIRE CAULKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.)
14. ALL PLUMBING LINES SHOWN ARE DRAWN DIAGRAMMATIC.

ADDENDUM 4 REVISED: 08/20/07ab
REVISED: 03/07/07ab
REVISED: 2/19/07
REVISED: 1/24/07

CONTRACT SET- 10/10/07

1ST FLOOR PLUMBING PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING, INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE:AS NOTED
FILE:
JOB NO. 1729
DATE:1-8-07
SHEET P-1
OF

NOTES:
1. MENS IS A NEW RESTROOM AND WILL REQUIRE EXTENDING SERVICES THRU THE WALL, NEW WALL SUPPORTS FOR WALL HUNG FIXTURES, ETC. DRAIN FROM LAVATORIES MUST BE NEW THRU FLOOR AND EXTENDED TO EXISTING SERVICE.

2. NEW VENT LINES SHALL RUN TO N.E. CORNER VERTICAL OPENING TO ROOF.

3. SEE DRAWING P–1 FOR GENERAL NOTES.

4. MENS ROOM WATER CLOSETS AND URINALS CAN BE CLEANED AND RE–USED. REPLACE ALL OTHERS, INCLUDING PIPING AND PIPING FIXTURES.

5. LADIES ROOM– ONE WATER CLOSET CAN BE CLEANED AND REUSED. REPLACE ALL PIPING AND PIPING FIXTURES.
6. REPLACE ALL TOILET SEATS AND SANITARY NAPKIN DISPOSAL BINS.

7. INSTALL OWNER PROVIDED SOAP DISPENSERS AND TOILET PAPER & PAPER TOWEL HOLDERS.

8. INTEGRAL LAVATORY/VANITY: CULTURED MARBLE, SIZE AS SHOWN ON DRAWING A–21.

9. URINALS: TOTO UT447 (OR EQUAL) WITH TOTO TMU1NNC 1Gpf FLUSH VALVE (OR EQUAL).

10. WATER CLOSETS: TOTO CT705 (CT705L FOR HANDICAP) WITH TOTO TMTINNC–32 1.6 Gpf FLUSH VALVE, AMERICAN STANDARD 2234 WITH SLOAN 111 ROYAL 1.6 Gpf FLUSHOMETER VALVE (OR EQUAL).

11. TOILET SEATS: KOHLER K–4710–T (MENS), K–4752 (LADIES) (OR EQUALS).

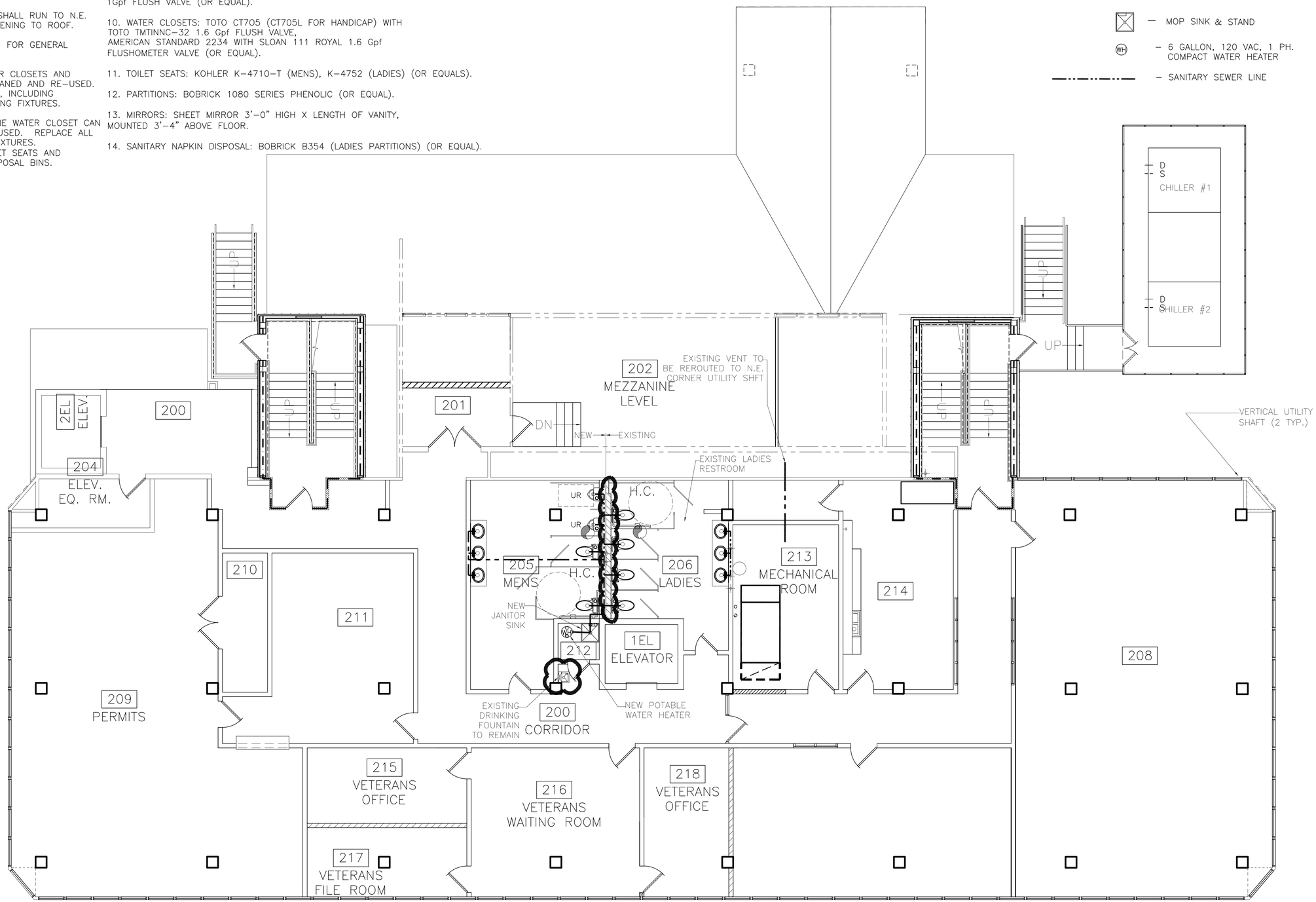
12. PARTITIONS: BOBRICK 1080 SERIES PHENOLIC (OR EQUAL).

13. MIRRORS: SHEET MIRROR 3'–0" HIGH X LENGTH OF VANITY, MOUNTED 3'–4" ABOVE FLOOR.

14. SANITARY NAPKIN DISPOSAL: BOBRICK B354 (LADIES PARTITIONS) (OR EQUAL).

LEGEND

- MOP SINK & STAND
- WH – 6 GALLON, 120 VAC, 1 PH. COMPACT WATER HEATER
- SANITARY SEWER LINE



SECOND FLOOR PLUMBING PLAN
SCALE: 3/16"= 1'–0"

= ADDENDUM 3 CHANGE

ADDENDUM 3 REVISED 08/20/07ab
REVISED 03/07/07ab
REVISED 2/19/07
REVISED 1/24/07

CONTRACT SET- 10/10/07

2ND FLOOR PLUMBING PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING, INC.
1095 FLORIDA AVENUE 985–649–5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE:AS NOTED
FILE:
JOB NO. 1729
DATE:1–8–07
SHEET P–2
OF

NOTES:

1. MENS IS A NEW RESTROOM AND WILL REQUIRE EXTENDING SERVICES THRU THE WALL, NEW WALL SUPPORTS FOR WALL HUNG FIXTURES, ETC. DRAIN FROM LAVITORIES MUST BE NEW THRU FLOOR AND EXTENDED TO EXISTING SERVICE.

2. NEW VENT LINES SHALL RUN TO N.E. CORNER VERTICAL OPENING TO ROOF.

3. SEE DRAWING P–1 FOR GENERAL NOTES.

4. MENS ROOM URINALS CAN BE CLEANED AND RE–USED. REPLACE ALL WATER CLOSETS, PIPING AND PIPING FIXTURES.

5. LADIES ROOM WATER CLOSETS CAN BE CLEANED AND REUSED. REPLACE ALL OTHER FIXTURES, PIPING AND PIPING FIXTURES.

NOTES:

6. REPLACE ALL TOILET SEATS AND SANITARY NAPKIN DISPOSAL BINS.

7. INSTALL OWNER PROVIDED SOAP DISPENSERS AND TOILET PAPER & PAPER TOWEL HOLDERS.

8. INTEGRAL LAVATORY/VANITY: CULTURED MARBLE, SIZE AS SHOWN ON DRAWING A–21.

9. URINALS: TOTO UT447 (OR EQUAL) WITH TOTO TMU1NNC 1Gpf FLUSH VALVE (OR EQUAL).

10. WATER CLOSETS: TOTO CT705 (CT705L FOR HANDICAP) WITH TOTO TMTINNC–32 1.6 Gpf FLUSH VALVE, AMERICAN STANDARD 2234 WITH SLOAN 111 ROYAL 1.6 Gpf FLUSHOMETER VALVE (OR EQUAL).

11. TOILET SEATS: KOHLER K–4710–T (MENS), K–4752 (LADIES) (OR EQUALS).

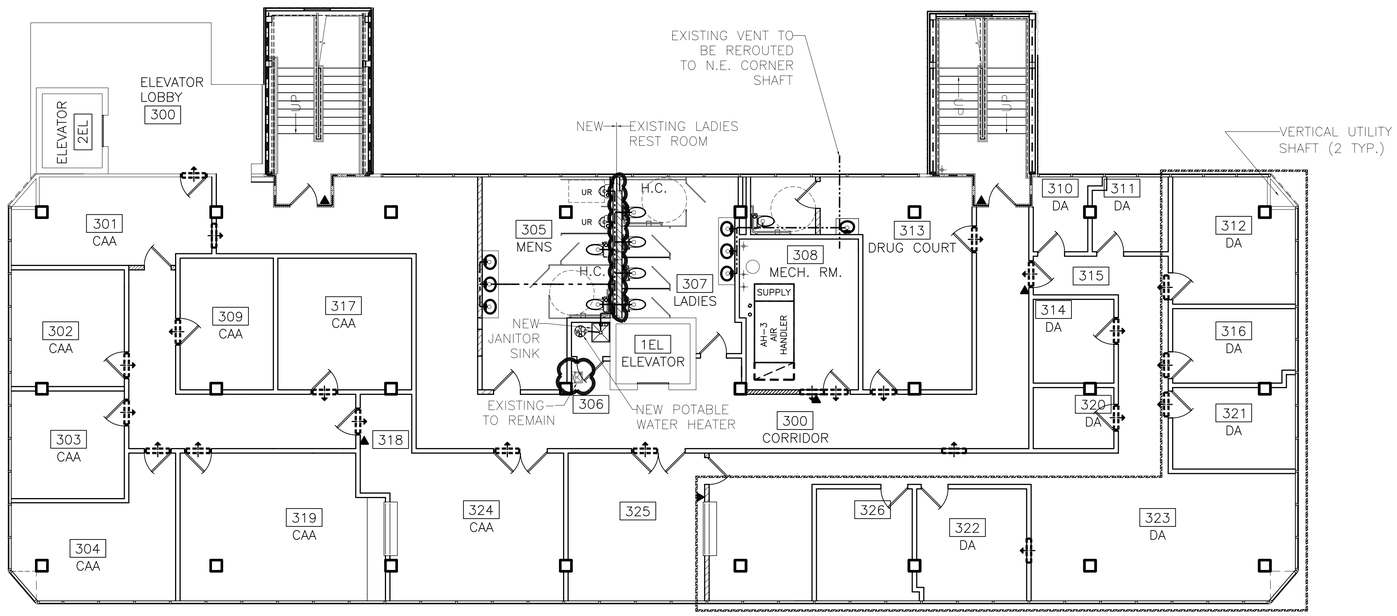
12. PARTITIONS: BOBRICK 1080 SERIES PHENOLIC (OR EQUAL).

13. MIRRORS: SHEET MIRROR 3'–0" HIGH X LENGTH OF VANITY, MOUNTED 3'–4" ABOVE FLOOR.

14. SANITARY NAPKIN DISPOSAL: BOBRICK B354 (LADIES PARTITIONS) (OR EQUAL).

LEGEND

- ⊠ – MOP SINK & STAND
- WH – 6 GALLON, 120 VAC, 1 PH. COMPACT WATER HEATER
- ——·——·—— – SANITARY SEWER LINE



THIRD FLOOR PLUMBING PLAN
SCALE: 1/8"= 1'–0"

—INDICATES AREAS CHANGED– 10/17/08

= ADDENDUM 3 CHANGE

RFP 6 REVISED: 10/17/08ab
ADDENDUM 3 REVISED: 8/20/07
REVISED: 2/19/07
REVISED: 1/24/07

CONTRACT SET- 10/10/07

3RD FLOOR PLUMBING PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985–649–5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE:AS NOTED
FILE:
JOB NO. 1729
DATE:1–7–08
SHEET P–3
OF

NOTES:

1. NEW VENT LINES SHALL RUN TO N.E. CORNER VERTICAL OPENING TO ROOF.

2. SEE DRAWING P-1 FOR GENERAL NOTES.

3. MENS ROOM WATER CLOSETS, PIPING, PIPING FIXTURES, AND URINALS CAN BE CLEANED AND RE-USED. IF PIPING AND FIXTURES NOT REPLACED, IT MUST BE INSPECTED AND TESTED TO ENSURE IT IS IN PROPER WORKING ORDER.

4. LADIES ROOM WATER CLOSETS (AND PIPING FIXTURE IN HANDICAPPED W.C. ONLY) CAN BE CLEANED AND REUSED. REPLACE ALL OTHER PIPING AND PIPING FIXTURES. IF PIPING AND FIXTURES IN HANDICAPPED STALL NOT REPLACED, IT MUST BE INSPECTED AND TESTED TO ENSURE IT IS IN PROPER WORKING ORDER.

5. REPLACE ALL TOILET SEATS AND SANITARY NAPKIN DISPOSAL BINS.

6. INSTALL OWNER PROVIDED SOAP DISPENSERS AND TOILET PAPER & PAPER TOWEL HOLDERS.

7. INTEGRAL LAVATORY/VANITY: CULTURED MARBLE, SIZE AS SHOWN ON DRAWING A-21.

8. URINALS: TOTO UT447 (OR EQUAL) WITH TOTO TMU1NNC 1Gpf FLUSH VALVE (OR EQUAL).

9. WATER CLOSETS: TOTO CT705 (CT705L FOR HANDICAP) WITH TOTO TMTINNC-32 1.6 Gpf FLUSH VALVE, AMERICAN STANDARD 2234 WITH SLOAN 111 ROYAL 1.6 Gpf FLUSHOMETER VALVE (OR EQUAL).

10. TOILET SEATS: KOHLER K-4710-T (MENS), K-4752 (LADIES) (OR EQUALS).

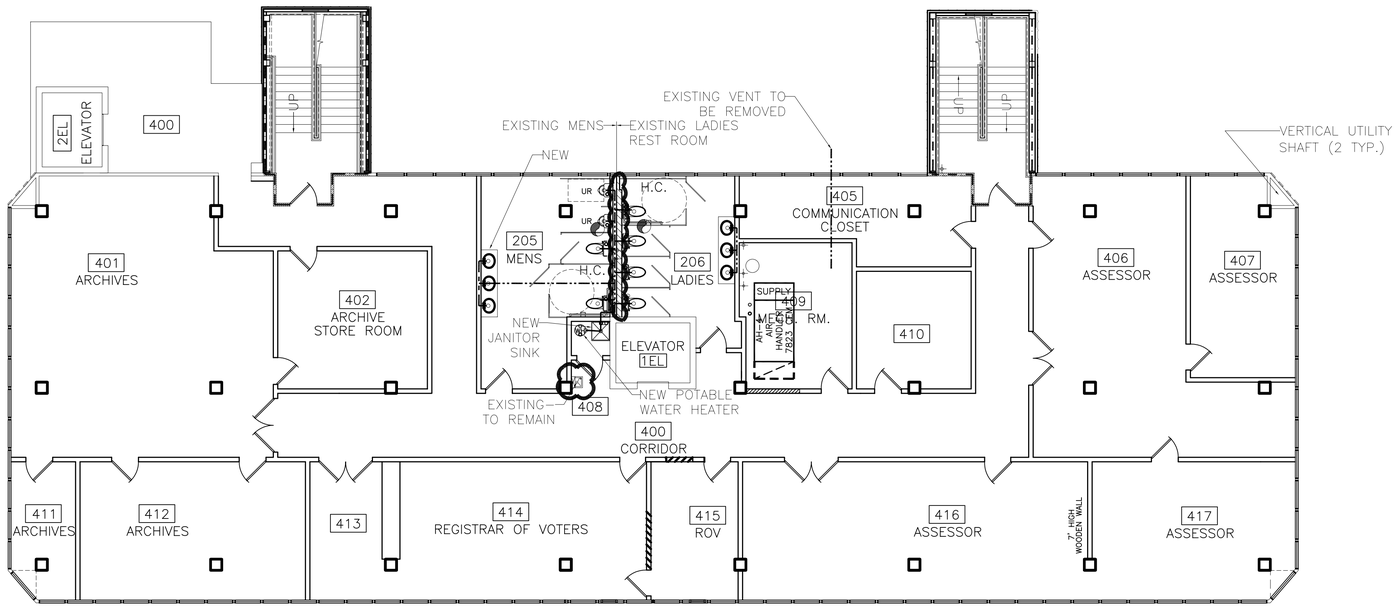
11. PARTITIONS: BOBRICK 1080 SERIES PHENOLIC (OR EQUAL).

12. MIRRORS: SHEET MIRROR 3'-0" HIGH X LENGTH OF VANITY, MOUNTED 3'-4" ABOVE FLOOR.

13. SANITARY NAPKIN DISPOSAL: BOBRICK B354 (LADIES PARTITIONS) (OR EQUAL).

LEGEND

- ⊠ – MOP SINK & STAND
- WH – 6 GALLON, 120 VAC, 1 PH. COMPACT WATER HEATER
- ——·——·—— – SANITARY SEWER LINE



FOURTH FLOOR PLUMBING PLAN
SCALE: 1/8"= 1'-0"

= ADDENDUM 3 CHANGE

ADDENDUM 3 REVISED: 8/20/07
REVISED: 2/19/07
REVISED: 1/24/07

CONTRACT SET- 10/10/07

4TH FLOOR PLUMBING PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE:AS NOTED
FILE:
JOB NO. 1729
DATE:1-8-07
SHEET
P-4
OF

NOTES:

1. NEW VENT LINES SHELL RUN TO N.E. CORNER VERTICAL OPENING TO ROOF.

2. SEE DRAWING P–1 FOR GENERAL NOTES.

3. MENS ROOM WATER CLOSETS, PIPE, AND URINALS CAN BE CLEANED AND RE–USED. REPLACE ALL OTHER FIXTURES.

4. LADIES ROOM WATER CLOSETS AND PIPE CAN BE CLEANED AND REUSED. REPLACE ALL OTHER FIXTURES.

5. REPLACE ALL TOILET SEATS AND SANITARY NAPKIN DISPOSAL BINS.

6. INSTALL OWNER PROVIDED SOAP DISPENSERS AND TOILET PAPER & PAPER TOWEL HOLDERS.

7. INTEGRAL LAVATORY/VANITY: CULTURED MARBLE, SIZE AS SHOWN ON DRAWING A–21.

8. URINALS: TOTO UT447 (OR EQUAL) WITH TOTO TMU1NNC 1Gpf FLUSH VALVE (OR EQUAL).

9. WATER CLOSETS: TOTO CT705 (CT705L FOR HANDICAP) WITH TOTO TMTINNC–32 1.6 Gpf FLUSH VALVE, AMERICAN STANDARD 2234 WITH SLOAN 111 ROYAL 1.6 Gpf FLUSHOMETER VALVE (OR EQUAL).

10. TOILET SEATS: KOHLER K–4710–T (MENS), K–4752 (LADIES) (OR EQUALS).

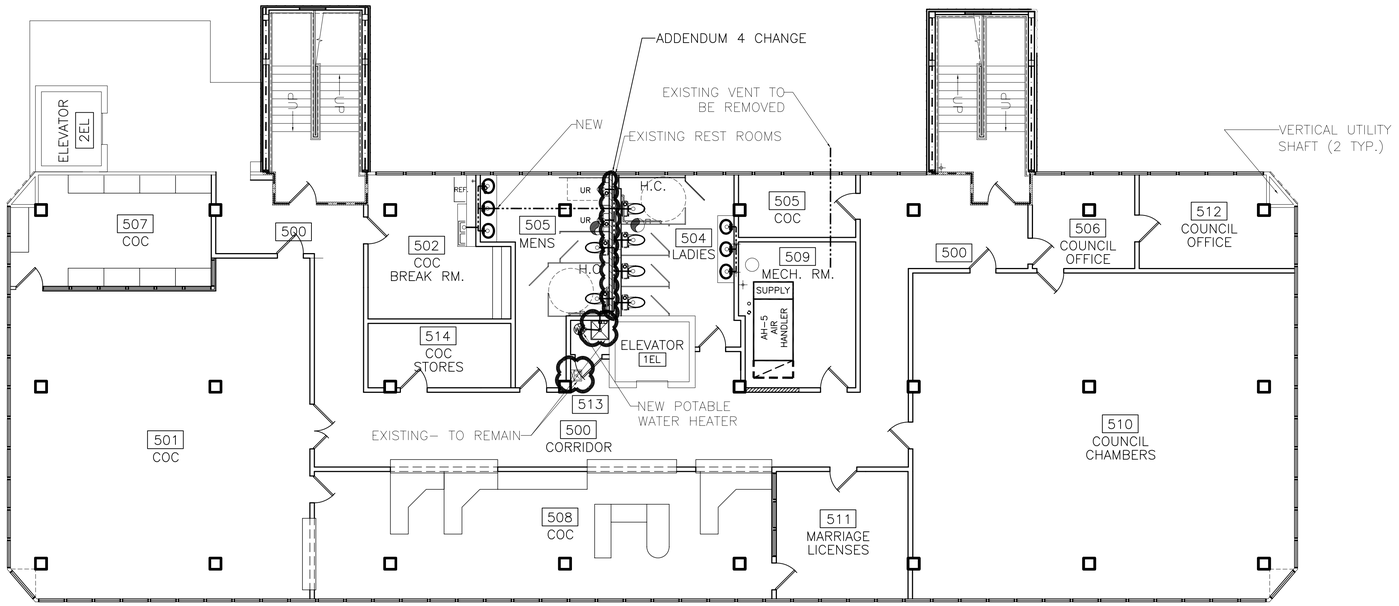
11. PARTITIONS: BOBRICK 1080 SERIES PHENOLIC (OR EQUAL).

12. MIRRORS: SHEET MIRROR 3'–0" HIGH X LENGTH OF VANITY, MOUNTED 3'–4" ABOVE FLOOR.

13. SANITARY NAPKIN DISPOSAL: BOBRICK B354 (LADIES PARTITIONS) (OR EQUAL).

LEGEND

- ⊠ – MOP SINK & STAND
- WH – 6 GALLON, 120 VAC, 1 PH. COMPACT WATER HEATER
- ——·——·—— – SANITARY SEWER LINE



FIFTH FLOOR PLUMBING PLAN
SCALE: 1/8"= 1'–0"

= ADDENDUM CHANGE

ADDENDUM 4 REVISED: 10/10/07ab
REVISED: 8/20/07ab
REVISED: 2/19/07
REVISED: 1/24/07

CONTRACT SET-10/10/07

5TH FLOOR PLUMBING PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985–649–5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE:AS NOTED
FILE:
JOB NO. 1729
DATE:1–8–07
SHEET P–5 OF

NOTES:

1. THIS IS A NEW RESTROOM AND WILL REQUIRE EXITENDING SERVICES THRU THE WALL, NEW WALL SUPPORTS FOR WALL HUNG FIXTURES, ETC. DRAIN FROM LAVITORIES MUST BE NEW THRU FLOOR AND EXTENDED TO EXISTING SERVICE.

2. NEW VENT LINES SHELL RUN TO N.E. CORNER VERTICAL OPENING TO ROOF.

3. SEE DRAWING P-1 FOR GENERAL NOTES.

4. REPLACE ALL MENS ROOM WATER CLOSETS AND URINALS, PIPING AND PIPING FIXTURES.

5. REPLACE ALL LADIES ROOM WATER CLOSETS, PIPING, AND PIPING FIXTURES.

6. REPLACE ALL TOILET SEATS AND SANITARY NAPKIN DISPOSAL BINS.

7. INSTALL OWNER PROVIDED SOAP DISPENSERS AND TOILET PAPER & PAPER TOWEL HOLDERS.

8. INTEGRAL LAVATORY/VANITY: CULTURED MARBLE, SIZE AS SHOWN ON DRAWING A-21.

9. URINALS: TOTO UT447 (OR EQUAL) WITH TOTO TMU1NNC 1Gpf FLUSH VALVE (OR EQUAL).

10. WATER CLOSETS: TOTO CT705 (CT705L FOR HANDICAP) WITH TOTO TMTINNC-32 1.6 Gpf FLUSH VALVE, AMERICAN STANDARD 2234 WITH SLOAN 111 ROYAL 1.6 Gpf FLUSHOMETER VALVE (OR EQUAL).

11. TOILET SEATS: KOHLER K-4710-T (MENS), K-4752 (LADIES) (OR EQUALS).

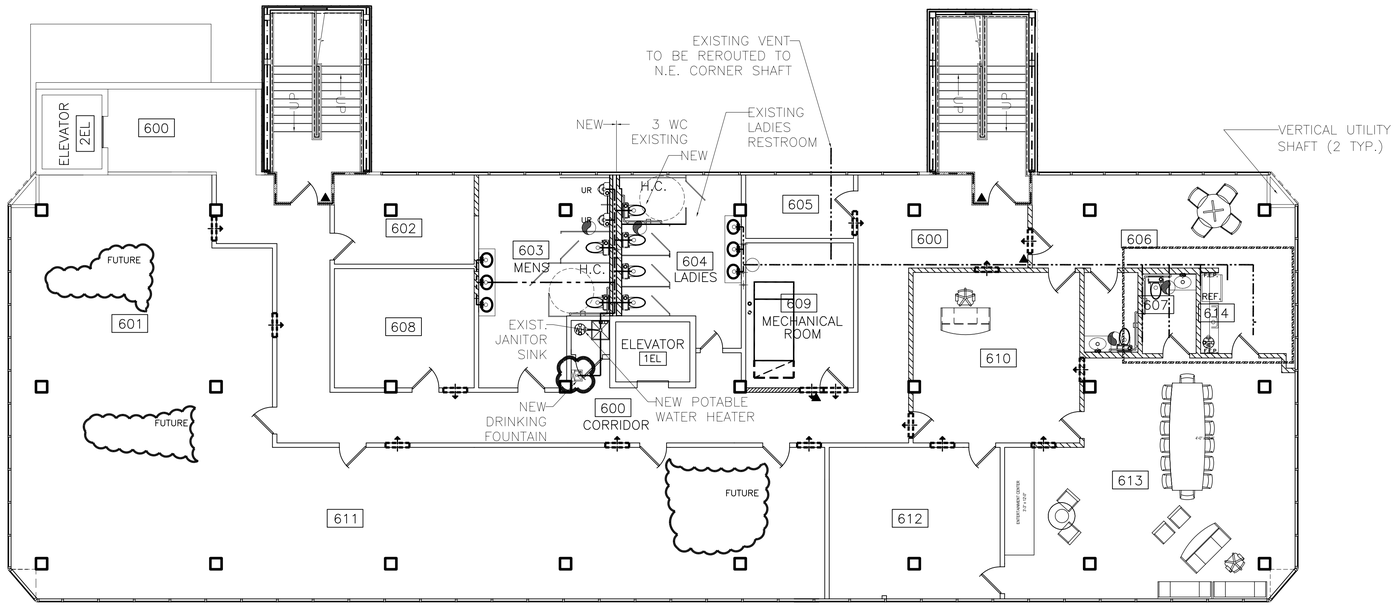
12. PARTITIONS: BOBRICK 1080 SERIES PHENOLIC (OR EQUAL).

13. MIRRORS: SHEET MIRROR 3'-0" HIGH X LENGTH OF VANITY, MOUNTED 3'-4" ABOVE FLOOR.

14. SANITARY NAPKIN DISPOSAL: BOBRICK B354 (LADIES PARTITIONS) (OR EQUAL).

LEGEND

- ⊠ – MOP SINK & STAND
- WH – 6 GALLON, 120 VAC, 1 PH. COMPACT WATER HEATER
- ——·——·—— – SANITARY SEWER LINE



SIXTH FLOOR PLUMBING PLAN
SCALE: 1/8"= 1'-0"

—INDICATES ITEMS CHANGED— 10/17/08

= ADDENDUM 4 CHANGE

RFP 6 REVISED: 10/17/08ab
ADDENDUM 4 REVISED: 8/20/07
REVISED: 2/19/07
REVISED: 1/24/07

CONTRACT SET- 10/10/07

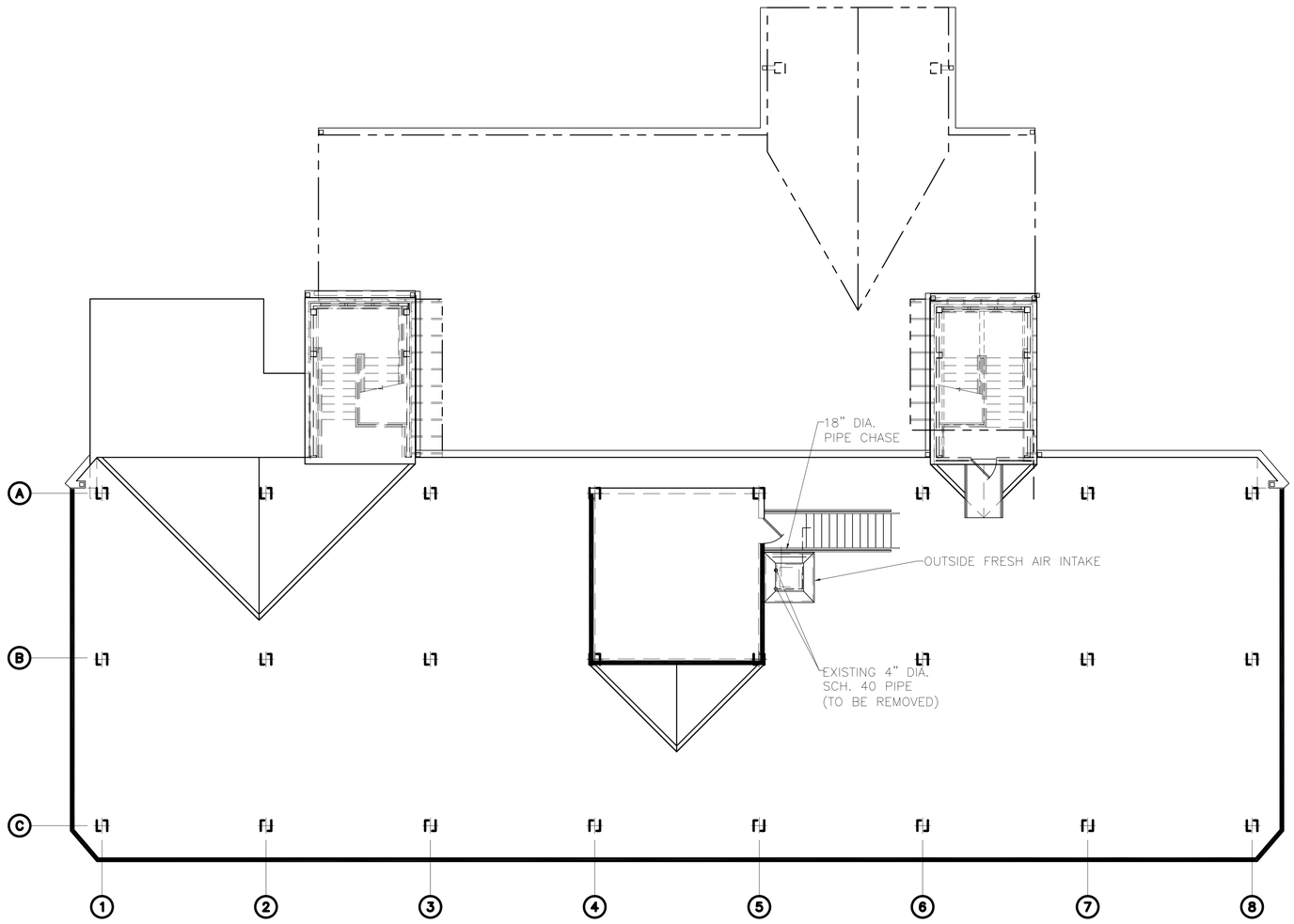
6TH FLOOR PLUMBING PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE:AS NOTED
FILE:
JOB NO. 1729
DATE:1-8-07
SHEET
P-6
OF



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

REVISED: 03/07/07ab

RFP #2 11-13-07

ROOF PLUMBING PLAN

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

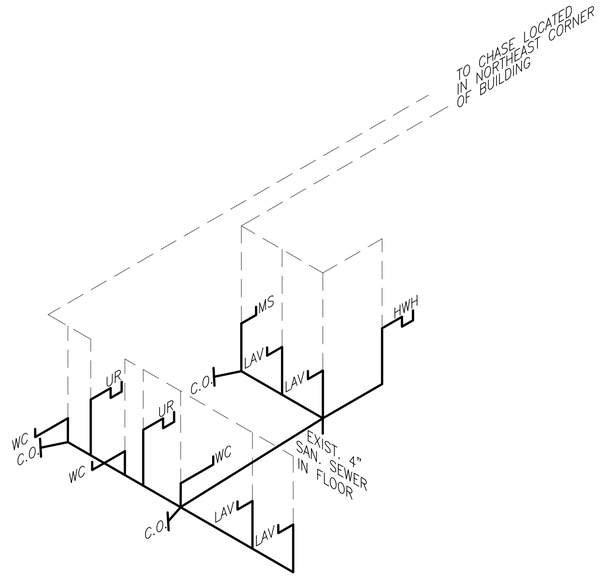
RENOVATE OFFICE BUILDING

DAMMON ENGINEERING, INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE:AS NOTED
FILE:
JOB NO. 1729
DATE:1-8-07
SHEET
P-7
OF

PLUMBING NOTES

1. PROVIDE ALL LABOR, MATERIAL AND EQUIPMENT FOR A COMPLETE OPERATING SYSTEM. THE SYSTEM SHALL INCLUDE HOT AND COLD WATER PIPING, SEWER AND VENT PIPING, INSULATION, WATER HEATER, HANGERS, VALVES, AND ALL SUPPORTS WITHOUT ANY RESTRICTIONS TO VOLUME. CUT AND PATCH AS REQUIRED TO INSTALL PIPES.
2. ALL WORK AND MATERIAL TO COMPLY STRICTLY TO THE LATEST LOCAL CITY, PARISH, STATE, AND NATIONAL GOVERNING CODES.
3. CONTRACTOR IS TO FIELD VERIFY ALL EXISTING UTILITY LOCATIONS, ELEVATIONS, AND SIZES PRIOR TO COMMENCING ANY WORK. CONTRACTOR SHALL PAY NECESSARY FEES FOR THE UTILITIES CONNECTIONS.
4. CONTRACTOR TO BE RESPONSIBLE TO VERIFY ANY EXISTING INVERTS AND SET NEW INVERTS OF SEWAGE AND DRAINAGE PIPES.
5. SEWAGE LINES 3" AND SMALLER SHALL BE SLOPED ¼" PER FOOT AND LINES 4" AND LARGER SHALL BE ⅛" PER FOOT.
6. TEST ALL PIPING AT REQUIRED PRESSURE.
7. ALL PLUMBING SHALL BE CLOSELY COORDINATED WITH STRUCTURAL, MECHANICAL, AND ELECTRICAL SYSTEMS TO INSURE NO TRADES WILL CONFLICT WITH EACH OTHER.
8. DO NOT SCALE DRAWINGS; SEE DIMENSIONS ON ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF DOORS, WINDOWS, WALLS, FIXTURES, ETC.
9. ALL WATER MAINS AND PIPING NOT SHOWN FOR CLARITY, ALL LOCATIONS FIELD VERIFIED.
10. DOMESTIC HOT AND COLD WATER PIPING AND FITTINGS UNDER SLAB SHALL BE ASTM 888 COPPER WATER TUBE, TYPE 'L' HARD DRAWN WITH COPPER PRESSURE TYPE FITTINGS, ANSI B16.22. THE JOINTS SHALL BE SOLDERED TYPE USING ASTM 832, ALLOY GRADE 95A (95-5) SOLDER.
11. SOIL, WASTE, VENT PIPING AND FITTINGS ABOVE THE SLAB SHALL BE SERVICE WEIGHT CAST IRON PIPE WITH BELL AND SPIGOT ENDS AND ONE PIECE NEOPRENE INSERT TYPE GASKET. USE PVC SCHEDULE 40 OR ABS DWV PIPES AND FITTINGS WHERE INDICATED BY CODE.
12. ALL WATER PIPING AND FITTINGS SHALL BE INSULATED WITH ½" THICK FIBERGLASS INSULATION & JACKET.
13. ALL ELECTRICAL, MECHANICAL, AND PLUMBING PENETRATING FIRE WALLS SHALL BE FIRE CAULKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.)
14. ALL PLUMBING LINES SHOWN ARE DRAWN DIAGRAMMATIC.
15. REPLACE ALL TOILET SEATS AND BATHROOM ACCESSORIES.



1st FLOOR
PLUMBING RISER DIAGRAM
N.T.S.

PLUMBING ROUGH IN SCHEDULE

MARK	DESCRIPTION	TYPE	ROUGH-IN-SIZES				NOTES
			WASTE	VENT	CW	H.W.	
WC	WATER CLOSET	VALVE	4"	4"	1"	1"	3,5
LAV	LAVATORY	WALL HUNG	2"	2"	1/2"	1/2"	1, 3, 6
FD	FLOOR DRAIN	–	2"	2"	–	–	4
UR	URINAL	WALL HUNG	2"	2"	–	–	2

NOTES:

1. INSULATE PIPING FOR HANDICAP LAVATORIES
2. PROVIDE CHAIR CARRIER FOR WALL HUNG FIXTURE.
3. H.C. – HANDICAP FIXTURE
4. ALL WATER CLOSETS ARE VALVE TYPE
5. LAVATORIES TO BE IN SINGLE MOLDED COUNTER TOP (MAN MADE MARBLE) WITH WHEEL CHAIR ACCESS

TOILET PARTITIONS

MARK	DESCRIPTION	TYPE	ROUGH-IN-SIZES				NOTES
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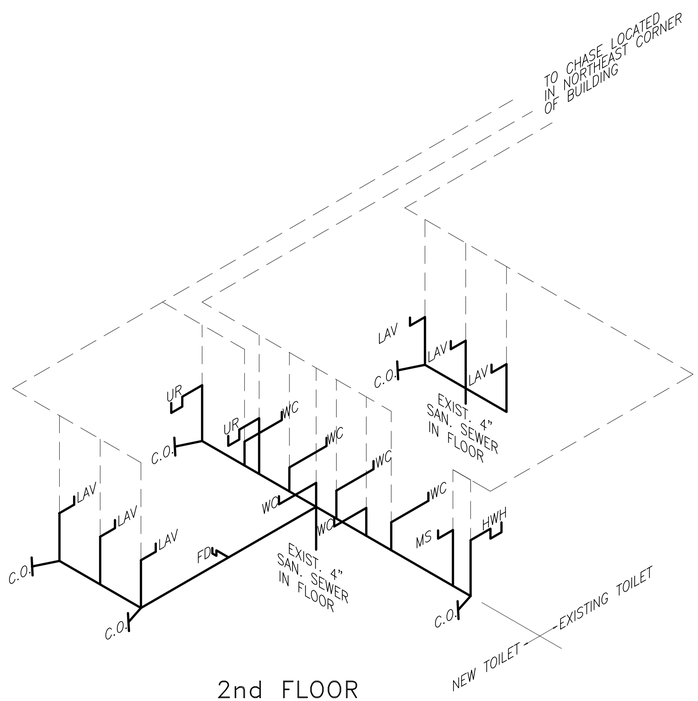
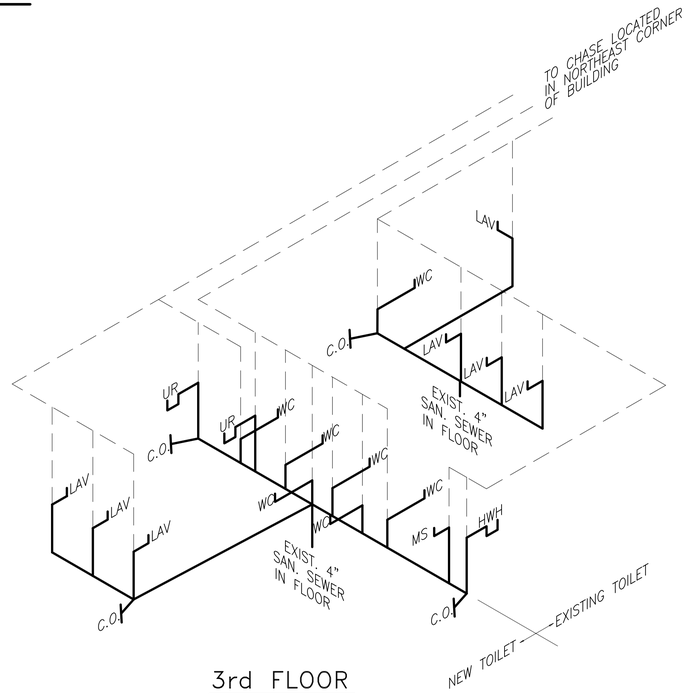


2nd FLOOR
PLUMBING RISER DIAGRAM
N.T.S.



3rd FLOOR
PLUMBING RISER DIAGRAM
N.T.S.

PLUMBING RISER DIAGRAMS

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

DAMMON ENGINEERING, INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE:AS NOTED
FILE:
JOB NO. 1729
DATE:1-8-07
SHEET
P-8
OF

CONTRACT SET- 10/10/07

PLUMBING NOTES

1. PROVIDE ALL LABOR, MATERIAL AND EQUIPMENT FOR A COMPLETE OPERATING SYSTEM. THE SYSTEM SHALL INCLUDE HOT AND COLD WATER PIPING, SEWER AND VENT PIPING, INSULATION, WATER HEATER, HANGERS, VALVES, AND ALL SUPPORTS WITHOUT ANY RESTRICTIONS TO VOLUME. CUT AND PATCH AS REQUIRED TO INSTALL PIPES.
2. ALL WORK AND MATERIAL TO COMPLY STRICTLY TO THE LATEST LOCAL CITY, PARISH, STATE, AND NATIONAL GOVERNING CODES.
3. CONTRACTOR IS TO FIELD VERIFY ALL EXISTING UTILITY LOCATIONS, ELEVATIONS, AND SIZES PRIOR TO COMMENCING ANY WORK. CONTRACTOR SHALL PAY NECESSARY FEES FOR THE UTILITIES CONNECTIONS.
4. CONTRACTOR TO BE RESPONSIBLE TO VERIFY ANY EXISTING INVERTS AND SET NEW INVERTS OF SEWAGE AND DRAINAGE PIPES.
5. SEWAGE LINES 3" AND SMALLER SHALL BE SLOPED ¼" PER FOOT AND LINES 4" AND LARGER SHALL BE ⅛" PER FOOT.
6. TEST ALL PIPING AT REQUIRED PRESSURE.
7. ALL PLUMBING SHALL BE CLOSELY COORDINATED WITH STRUCTURAL, MECHANICAL, AND ELECTRICAL SYSTEMS TO INSURE NO TRADES WILL CONFLICT WITH EACH OTHER.
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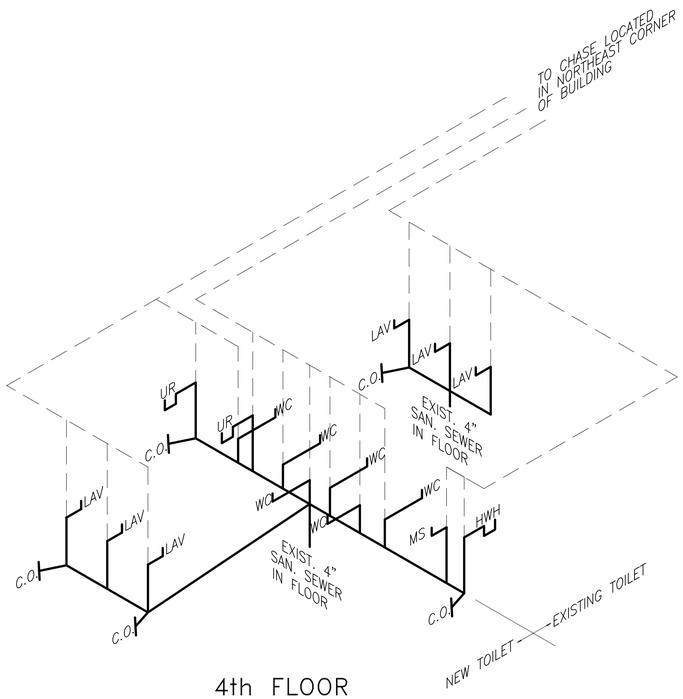
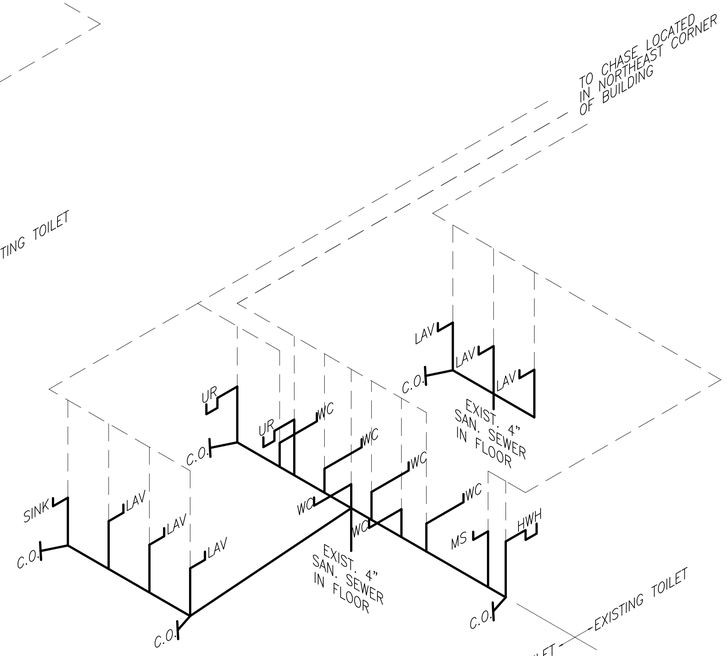


4th FLOOR
PLUMBING RISER DIAGRAM
N.T.S.



5th FLOOR
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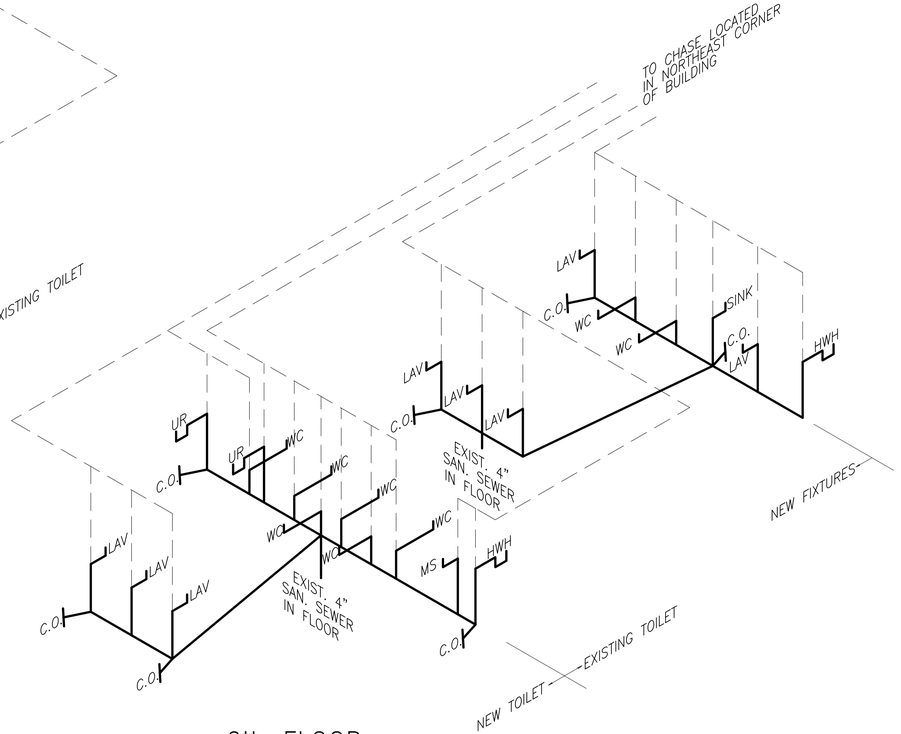

6th FLOOR
PLUMBING RISER DIAGRAM
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