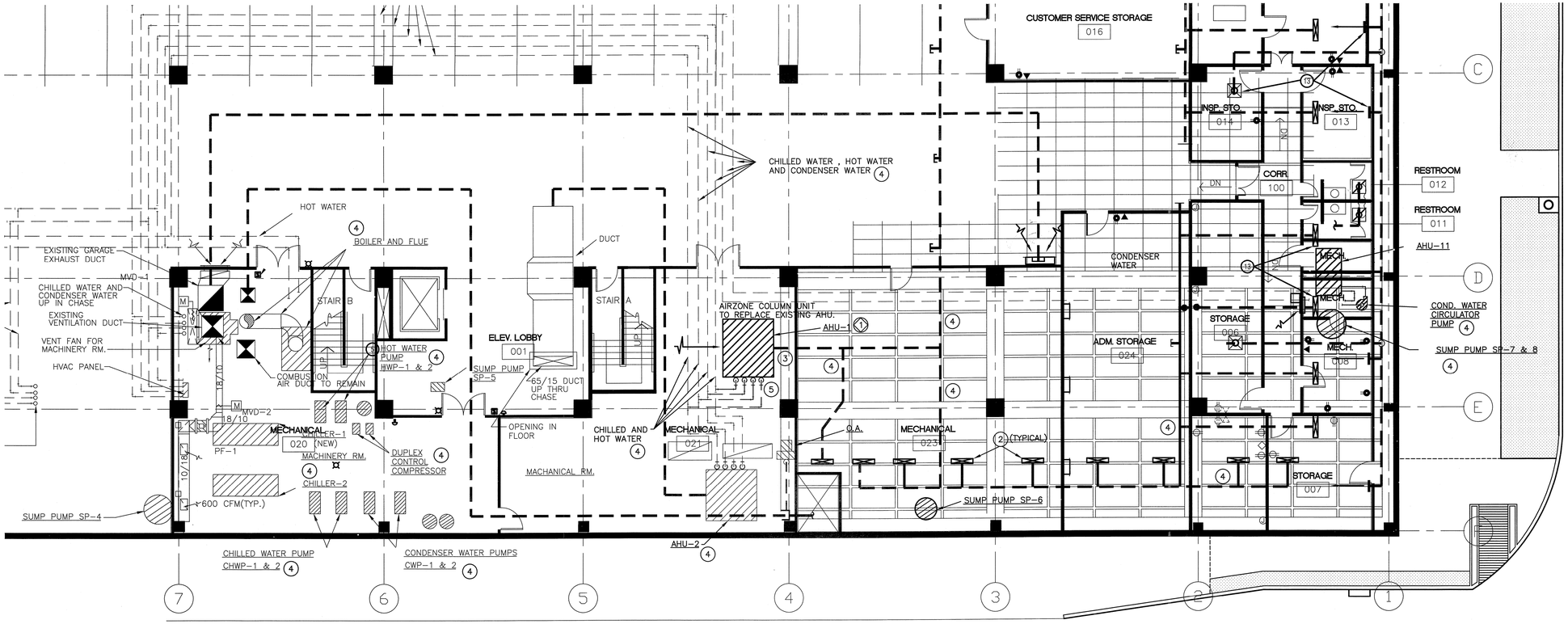

MECHANICAL GENERAL NOTES:

1. REFER TO DRAWING MEP1 FOR SPECIFICATIONS THAT APPLY TO THIS SHEET.
2. THE CONTRACTOR SHALL RELOCATE OR REMOVE EXISTING DIFFUSERS AS REQUIRED TO COMPLY WITH THIS DRAWING. ANY EXISTING DIFFUSER TO REMAIN OR TO BE RELOCATED THAT IS DAMAGED SHALL BE REPLACED WITH A NEW DIFFUSER OF MATCHING TYPE.
3. CONTRACTOR SHALL VERIFY THAT SUFFICIENT RETURN AIR OPENINGS ARE PROVIDED IN EXISTING WALLS ABOVE CEILING. AIR IS RETURNED TO THE CEILING PLENUM AND THEN TO THE AIR HANDLING UNITS THROUGH RETURN AIR GRILLES, ARCHITECTURAL CEILING OPENING AND LIGHTING FIXTURES.
4. EXISTING TAPS TO SUPPLY DUCTWORK SHALL BE USED WHERE POSSIBLE. ANY UNUSED TAPS TO EXISTING SUPPLY DUCTWORK SHALL BE CAPPED, SEALED AIRTIGHT, AND INSULATED.
5. THE ENTIRE AIR SUPPLY SYSTEM SHALL BE RE-BALANCED TO THE AIR QUANTITIES INDICATED ON THIS DRAWING BY AN INDEPENDENT AIR BALANCE CONTRACTOR. THE AIR BALANCE CONTRACTOR SHALL SUBMIT NEBB CERTIFIED AIR BALANCE REPORTS FOR ENGINEERING REVIEW AND TO BUILDING MANAGEMENT. PROVIDE AHU DRIVE ADJUSTMENTS AS REQUIRED.
6. FLEXIBLE DUCTWORK LENGTHS SHALL NOT EXCEED 8'-0". USE INSULATED RIGID ROUND DUCTWORK WHERE REQUIRED. ALL NEW FLEXIBLE DUCTWORK CONNECTIONS TO AIR DEVICES SHOWN ON THE DRAWING SHALL BE SIZED ACCORDING TO THE NECK SIZE SCHEDULE.
7. EXISTING MAIN TRUNK SUPPLY DUCTWORK SHALL REMAIN. CONTRACTOR SHALL VERIFY EXISTING LOCATION AND LIGHTING FIXTURE CLEARANCES AND INCLUDE IN THEIR COST THE RELOCATION OR REMOVAL OF EXISTING EQUIPMENT REQUIRED TO COMPLY WITH THIS DRAWING.
8. CONTRACTOR SHALL REFER TO BUILDING MANAGEMENT'S "RULES AND REGULATIONS" TO COMPLY WITH BUILDING STANDARDS.
9. AIR SUPPLY/RETURN DEVICES SHALL BE PROTECTED TO COMPLY WITH THE EXISTING BUILDING FLOOR/CEILING FIRE RATED ASSEMBLY.
10. ALL 24"X24" DIFFUSERS SHOWN ARE TO BE NEW. SEE SCHEDULE.
11. RELOCATE EXISTING PERIMETER SLOTS SO THEY ARE NOT LOCATED ABOVE WALLS/PARTIONS BETWEEN ROOMS.
12. CONTRACTOR TO REUSE EXISTING BASE BUILDING SLOT DIFFUSERS FOR PERIMETER UNLESS OTHERWISE NOTED. USE LARGEST NECK FOR LARGEST CFM VALUES ON THE SOUTH FACES FIRST, THEN THE WEST AND EAST AND FINALLY THE NORTH. THEN UTILIZE SMALLER NECK SIZES AS NEEDED. PROVIDE NEW SLOT DIFFUSERS WITH NECK SIZED PER NECK SCHEDULE WHERE INDICATED.

MECHANICAL KEYED NOTES:

1. EXISTING BASE BUILDING DUCT WORK. CONTRACTOR TO VERIFY WITH BUILDING MANAGEMENT THE EXTENT OF INSTALLATION PERFORMED.
2. EXISTING FLOOR MOUNTED GRILLES TO REMAIN. GRILLES WILL SERVE THE RAISED FLOOR PLENUM.
3. MODIFY DUCTWORK IN THIS AREA AS REQUIRED FOR CONNECTION FROM THE EXISTING TO THE NEW AIR ZONE AHU.
4. EXISTING TO REMAIN.
5. AIR HANDLING UNIT INSTALLATION AND DUCTWORK MODIFICATION BY OWNER. TD INDUSTRIES IS TO BE

ELECTRICAL KEYED NOTES:

1. RECONNECT NEW AHU TO EXISTING CIRCUIT SERVING EXISTING AHU. MOTORS DRAW THE SAME AMPS AND ARE THE SAME HP.

NOTICE TO CONTRACTOR(S)

CONTRACTOR TO VERIFY WITH BUILDING MANAGEMENT TO EXTENT OF MECHANICAL INSTALLATION REQUIRED FOR THIS PROJECT. THIS DRAWING REFLECTS THE BASE BUILDING DUCT WORK AS EXISTING TO REMAIN WITH NEW DUCT WORK RUNOUTS AS REQUIRED TO SERVE THE SPACES. – CONTRACTOR TO VERIFY THIS PRIOR TO BID.

THIS PLAN WAS APPROVED IN THE ONE-STOP OFFICE FOR BUILDING CODE COMPLIANCE ONLY. THE ELECTRICAL, PLUMBING AND HVAC WAS NOT REVIEWED FOR CODE COMPLIANCE AND IS SUBJECT SOLELY TO FIELD INSPECTION.

APPROVED
HVAC PLAN
THIS PLAN MUST BE KEPT ON JOB FOR ALL CITY INSPECTORS. SEPARATE PERMIT IS REQUIRED FOR HVAC.
1-3-2-B/A3-A-Ø NO. 380
9-29-2008
08054799

1 Basement Floor Plan

1/8" = 1'-0" 0 2 4 8FT RE:

intexure ARCHITECTS

1815 SOUTHMORE BLVD
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STATE OF TEXAS KEITH H. REIHL 83377 REGISTERED PROFESSIONAL ENGINEER 6-30-2008

Reihl Engineering, LLC
Sustainable Engineering for a Better Tomorrow

MEP:
Reihl Engineering, LLC
713-459-1044

LEED COMMISSIONING / STRUCTURAL:
apollobbc
713-869-0000

ISSUE INFORMATION

NO.	DATE	ISSUE DESCRIPTION
	06/24/2008	PERMIT SET
01	06/30/2008	PERMIT REVISION

CITY OF HOUSTON
CODE ENFORCEMENT
GREEN BUILDING
RESOURCE CENTER

INTERIOR RENOVATION OF THE CITY OF HOUSTON CODE ENFORCEMENT BUILDING
3300 MAIN STREET
HOUSTON, TX 77002

INTEXURE PROJECT NO. 08-010

MECHANICAL/ELECTRICAL BASEMENT PLAN

M1.00