

GENERAL DEMOLITION NOTES

- COORDINATE ALL WORK WITH PHYSICAL PLANT SUPERVISOR WITH DEPARTMENT OF CORRECTIONS, (660-263-3778). ALL WORK AROUND THE SECURITY PERIMETER FENCES WILL REQUIRE 48 HOURS NOTICE TO THE OWNER IN ADVANCE OF OPERATIONS TO ALLOW SECURITY PERSONNEL TO BE PRESENT.
- SITE SECURITY PROTOCOLS SHALL BE MAINTAINED AT ALL TIMES. ANY DEVIATION FROM THESE SHALL BE GROUNDS TO REMOVE THE CONTRACTOR OR CONTRACTOR'S EMPLOYEES OR SUB CONTRACTORS.
- COORDINATE ACCESS TO FACILITY FOR DELIVERY OF MATERIALS, EQUIPMENT STORAGE, HAZARDOUS AND NON-HAZARDOUS WASTE DISPOSAL WITH PLANT SUPERVISOR AND SECURITY PERSONNEL.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY PERMITTING FEES, HAZARDOUS AND NON-HAZARDOUS WASTE DISPOSAL FEES, ALL INSPECTION FEES AND COORDINATION WITH LOCAL AUTHORITIES ON SITE INSPECTIONS. ALL WORK SHALL BE DONE IN STRICT CONFORMANCE WITH THE CURRENT BUILDING CODES AND REGULATIONS.

GENERAL CONSTRUCTION NOTES

- EXISTING HVAC & PLUMBING PIPING ROUTING IN CRAWLSPACE IS APPROXIMATE AND HAVE BEEN PLOTTED FROM EXISTING RECORDS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXACT ROUTING OF ALL PIPING AND NUMBER OF FITTINGS FOR ESTIMATING PURPOSES.
- ALL PLANS ARE FROM FIELD TAKE-OFF AND ORIGINAL DRAWINGS. CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY PRIOR TO BIDDING AND/OR CONSTRUCTION.
- HEATING WATER & DOMESTIC WATER PIPING SERVES CRITICAL AREAS OF THE ADMINISTRATION BUILDING INCLUDING EMERGENCY DIALYSIS & INFIRMARY. COORDINATE ANY SHUTDOWN OF SERVICES WITH PLANT SUPERVISOR 2 WEEKS PRIOR TO SHUTDOWN.
- GUARANTEE ALL WORKMANSHIP AND MATERIALS FOR A MINIMUM OF ONE YEAR FROM FINAL ACCEPTANCE UNLESS OTHERWISE STATED IN CONSTRUCTION SPECIFICATIONS.

CONSTRUCTION SCOPE & PHASING NOTES

- THE SCOPE OF THIS PROJECT IS THE FOLLOWING RENOVATIONS AT THE MOBERLY CORRECTIONAL CENTER ADMINISTRATION BUILDING AND HOUSING UNIT 3;
 - RENOVATE THE HVAC HEATING WATER AND DUAL TEMP WATER PIPING SERVING THE ADMINISTRATION BUILDING AND ABATE ANY ASBESTOS INSULATION. ABATEMENT AREAS INCLUDE THE CRAWLSPACES, SOME BRANCH PIPING ROUTED INTO THE MECHANICAL ROOM, AND SOME CHASES AND SPACES ON THE 1ST, 2ND, AND PENTHOUSE FLOORS. HVAC RENOVATION INCLUDES THE ENTIRE HEATING WATER AND DUAL TEMP WATER PIPING SYSTEM OUTSIDE THE MECHANICAL ROOM ON THE BASEMENT/CRAWLSPACE LEVEL, 1ST FLOOR, 2ND FLOOR AND PENTHOUSE. MOST EXISTING HEATING UNITS, FIN TUBE UNITS AND FCU'S WILL REMAIN. SOME FIN TUBES WILL BE REPLACED WITH FCU'S.
 - ABATE DOMESTIC WATER PIPING ASBESTOS INSULATION ROUTED IN THE CRAWLSPACES ONLY. NOTIFY BUILDING PHYSICAL PLANT SUPERVISOR II OF ANY LEAKS.
 - ABATE DESIGNATED PLUMBING CHASES AND INMATE CELLS AT HOUSING UNIT 3. NO PIPING RENOVATION IS REQUIRED.
- PHASING AND SCHEDULING OF THE PROJECT MUST BE APPROVED AND COORDINATED WITH THE OFFICE OF ADMINISTRATION AND THE PHYSICAL PLANT SUPERVISOR II, AND SECURITY PERSONNEL. CRITICAL AREAS INCLUDING EMERGENCY DIALYSIS, AND INFIRMARY ARE LOCATED IN THE BUILDING AND MUST BE PHASED AND COORDINATED 2 WEEKS PRIOR TO WORK. INMATE HOUSING IS LOCATED ON AREA B OF THE 2ND FLOOR. REFER TO THE FOLLOWING NOTES FOR PHASING AND THE KEY PLANS FOR BUILDING DESIGNATED AREAS.
- THE MAIN BRANCHES OF HEATING WATER & DUAL TEMP WATER PIPING ARE ROUTED FROM THE MECHANICAL ROOM THRU CRAWLSPACES OF APPROXIMATELY 3'-4" IN HEIGHT AND PENETRATE FLOORS TO SERVE 1ST FLOOR FCU'S, HEATING UNITS AND SOME AHU'S. SOME AREAS OF PIPING ARE NO LONGER USED AS HEATING UNITS HAVE BEEN REPLACED WITH SPLIT SYSTEMS OR AHU'S. PIPING ROUTES TO THE 2ND FLOOR AND PENTHOUSE VIA CHASES TO SERVE FCU'S IN AREA C AND FIN TUBE HEATING UNITS IN AREAS A, B, & D. DUAL TEMP PIPING ROUTES TO THE PENTHOUSE TO SERVE FCU'S. PIPING IS INSULATED AT ALL FITTINGS AND HANGERS WITH ASBESTOS INSULATION IN THE CRAWLSPACE AND MOST CHASES. TO AVOID ABATEMENT IN SOME CHASES AND ABOVE SOME CEILINGS, PIPING IS BEING ABANDONED AND RE-ROUTED. NEW ROUTING OF PIPING MAY BE EXPOSED OUTSIDE OF CHASES NEXT TO WALLS, OR BELOW CEILINGS. DOMESTIC WATER PIPING IS ALSO ROUTED IN CRAWLSPACES AND INSULATED AT ALL FITTINGS AND HANGERS WITH ASBESTOS. THE DOMESTIC WATER PIPING INSULATION ABATEMENT IS CONFINED TO THE CRAWLSPACES ONLY.
- ABATE ALL HVAC AND PLUMBING PIPING ASBESTOS INSULATION ROUTED IN BASEMENT CRAWL SPACES (EXCLUDE MECHANICAL ROOM) TO PROVIDE A SAFE WORK ENVIRONMENT FOR CONTINUED HEATING WATER PIPING RENOVATION. HEATING WATER PIPING RENOVATION WILL GENERALLY TERMINATE WITHIN 2'-3' INSIDE OF THE MECHANICAL ROOM. NO HEATING WATER PIPING RENOVATION OR ABATEMENT WILL BE PERFORMED IN THE MECHANICAL ROOM UNLESS SPECIFIED ON PLANS.
- EXCAVATION OF ASBESTOS ABATEMENT INVOLVES VARIOUS AREAS IN THE CRAWLSPACE TO APPROXIMATELY 1'-2" DEPTH IN A 2'-3' DIAMETER AREA WHERE THE ASBESTOS INSULATION HAS DETEIORATED FROM PIPES AND SETTLED ONTO THE SOIL. SEE SHEETS H101-H104 FOR FULL SCOPE.
- REMOVE ALL MISCELLANEOUS DEBRIS IN THE CRAWLSPACE FROM PREVIOUS RENOVATIONS TO PROVIDE A SMOOTH SURFACE IN PREPARATION FOR A HEAVY DUTY VAPOR/ASBESTOS ENCAPSULATION BARRIER. SOME LEVELING OF THE CRAWLSPACE FLOOR WILL BE REQUIRED TO PROVIDE A FAIRLY SMOOTH SURFACE.
- PROVIDE A FELT UNDERLAYMENT AND 20 MIL FIBER REINFORCED VAPOR BARRIER (ASBESTOS ENCAPSULATION) IN EACH CRAWL SPACE. SEE SHEET H-101 FOR SPECIFICATIONS AND FURTHER DETAILS.
- ABATE ASBESTOS IN SMALLER LOCALIZED AREAS AS NOTED ON PLANS ON 1ST, 2ND & PENTHOUSE LEVELS TO ACCOMMODATE RENOVATION OF THE HEATING WATER PIPING. PLUMBING PIPING ASBESTOS REMEDIATION WILL NOT TAKE PLACE IN CHASES OR OTHER AREAS ON 1ST, 2ND, OR PENTHOUSE LEVELS UNLESS REQUIRED TO RENOVATE HEATING WATER PIPING.
- PROVIDE NEW HEATING WATER AND DUAL TEMP WATER PIPING TO BUILDING SYSTEMS ACCORDING TO MECHANICAL PLANS PROVIDED IN THIS SCOPE OF WORK.
- HOUSING UNIT 3: ABATE ASBESTOS INSULATION IN SPECIFIED PLUMBING CHASES SERVING MAIN AND UPPER LEVEL CELLS AS DESIGNATED ON PLANS. ABATE ASBESTOS INSULATION ON ROOF DRAINS AT SPECIFIED INMATE CELLS AS DESIGNATED ON PLANS.
- ZONING: CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING A DETAILED CONSTRUCTION SCHEDULE INCLUDING PROPOSED PHASING FOR APPROVAL PRIOR TO STARTING WORK. PROPOSED PHASING SHOULD INCLUDE A DETAILED SEQUENCE OF AREAS OF RENOVATION IN THE BUILDING. PHASING MUST BE APPROVED BY THE FACILITY AND OFFICE OF ADMINISTRATION AND THEN MUST BE ADHERED TO. ANY CHANGE IN PHASING MUST BE AUTHORIZED AS STATED IN NOTE 2 ABOVE. ALTHOUGH ZONES ARE SPECIFIED ON THE PLANS, PIPING MAY ROUTE THRU MULTIPLE ZONES TO SERVE AN AREA. IT MAY BE REQUIRED TO ABATE INSULATION WHILE PIPING BRANCH IS STILL OPERATIONAL. IT IS ESSENTIAL THAT AREAS ARE ABATED TO A SAFE WORKING ENVIRONMENT FOR MECHANICAL CONTRACTOR TO RENOVATE PIPING. EXISTING HEATING AND COOLING SYSTEMS SHALL NOT BE INTERRUPTED DURING EXTREME WEATHER MONTHS, WITHOUT PROVIDING SUPPLEMENTAL HEATING OR COOLING TO MAINTAIN 65F HEATING & 80F COOLING.

ZONE 1: INFIRMARY (1ST FL AREA C). THIS AREA HAS SUPPLEMENTAL HEATING/COOLING TO PATIENT ROOMS AND CORRIDOR AS WELL AS PERIMETER HYDRONIC HEAT. CONSTRUCTION IN THIS AREA IS PRIMARILY IN CRAWLSPACE AND IS TO BE PERFORMED DURING MODERATE WEATHER.

ZONE 2: EMERGENCY/VISITORS (1ST FL AREA E AND E-SLAB). CONSTRUCTION TO BE DURING MODERATE WEATHER.

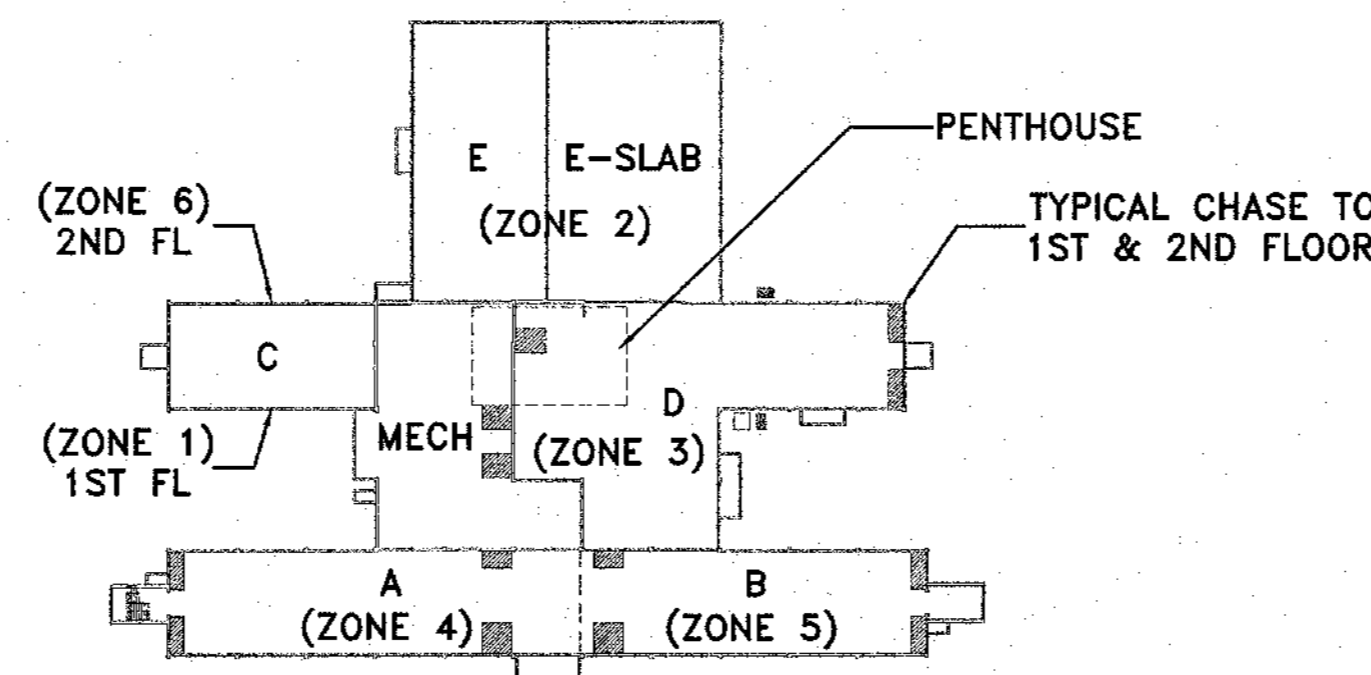
ZONE 3: DIALYSIS/PROGRAMS (1ST FL AREA D), ADMIN/PAROLE (2ND FL AREA D). FIRST FLOOR DIALYSIS HAS DX HEATING AND COOLING. THESE AREAS HAVE FLEXIBILITY IN SCHEDULING BUT PREFER CONSTRUCTION DURING MODERATE WEATHER.

ZONE 4: ADMIN/WARDEN (1ST FL AREA A), WEIGHT ROOM (2ND FL AREA A). THESE AREAS HAVE FLEXIBILITY IN SCHEDULING BUT PREFER CONSTRUCTION DURING MODERATE WEATHER.

ZONE 5: ADMIN/LOUNGE (1ST FL AREA B), INMATE HOUSING (2ND FL AREA B). THESE AREAS HAVE FLEXIBILITY IN SCHEDULING BUT PREFER CONSTRUCTION DURING MODERATE WEATHER.

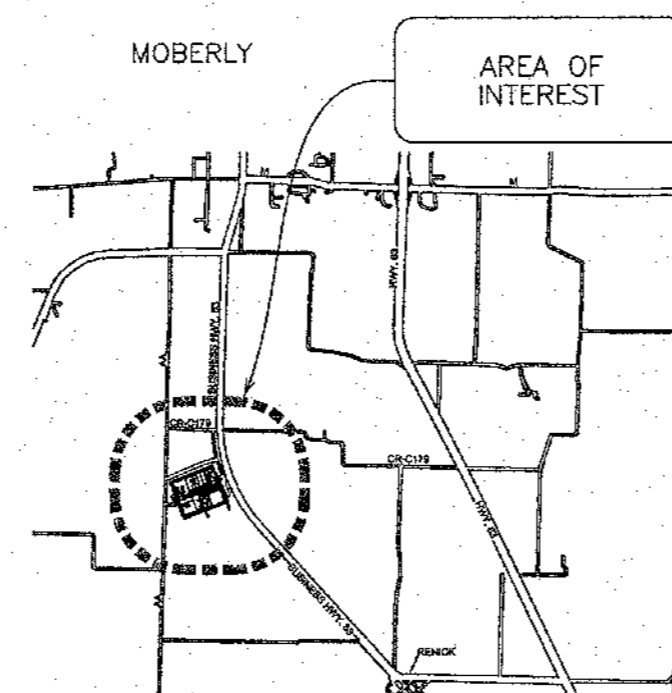
ZONE 6: ADMIN (2ND FL AREA C). THIS AREA HAS FLEXIBILITY IN SCHEDULING BUT PREFER CONSTRUCTION DURING MODERATE WEATHER.

CODES: 2015 IBC
2014 NEC
2015 IPC
2015 IMC
2015 IFC



ADMINISTRATION BUILDING
BSMT/CRAWLSPACE AREAS

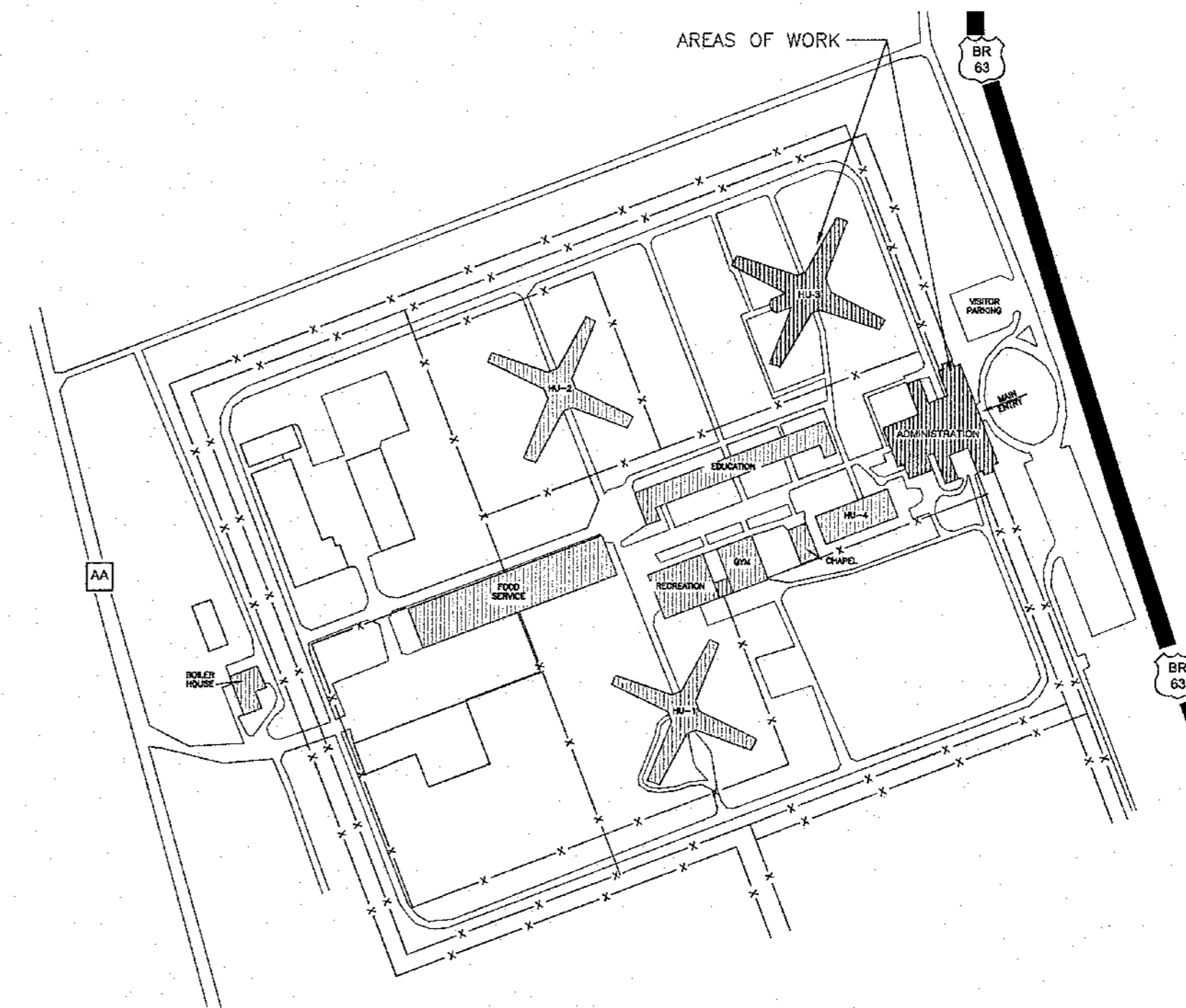
3 ZONING AREA PLAN
SCALE: NONE



1 LOCATION MAP
NO SCALE

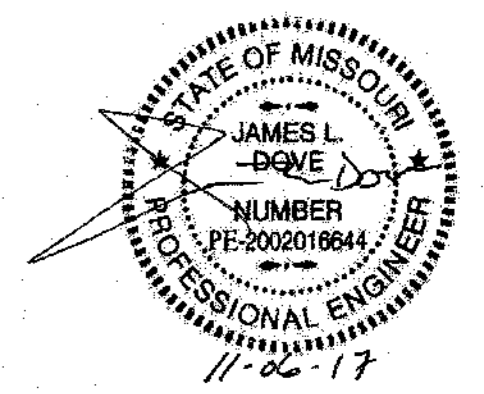
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2 SITE MAP
NO SCALE

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OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

MISSOURI DEPARTMENT
OF CORRECTIONS

ABATE AND REPLACE
PIPING VARIOUS

MOBERLY CORRECTIONAL
CENTER
5201 S. MORLEY STREET
MOBERLY, MO

PROJECT # C1601-01
SITE # 2305
FACILITY # 27250/27265

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 11/06/2017

CAD DWG FILE: MCC-g.dwg
DRAWN BY: CJH/MDS/JDK
CHECKED BY: MDS
DESIGNED BY: CJH

SHEET TITLE:
GENERAL NOTES,
DRAWING INDEX,
AND SITE MAP

SHEET NUMBER:

G-002

2 OF 30 SHEETS