

- HOSPITAL OWNED
- HOSPITAL OWNED BUILDING
- DOCTOR OWNED
- PUBLICLY OWNED
- MISCELLANEOUS OWNED

CHILLED WATER
CENTRAL PLANT

UPDATED
CAMPUS
PLAN

WILLIS-KNIGHTON NORTH CAMPUS
PROPERTY EXHIBIT



8530 BROADWAY
SUITE 1100
MONROE, LA 70110
PHONE: (504) 735-3344
FAX: (504) 735-2000

DATE: 11/04/15

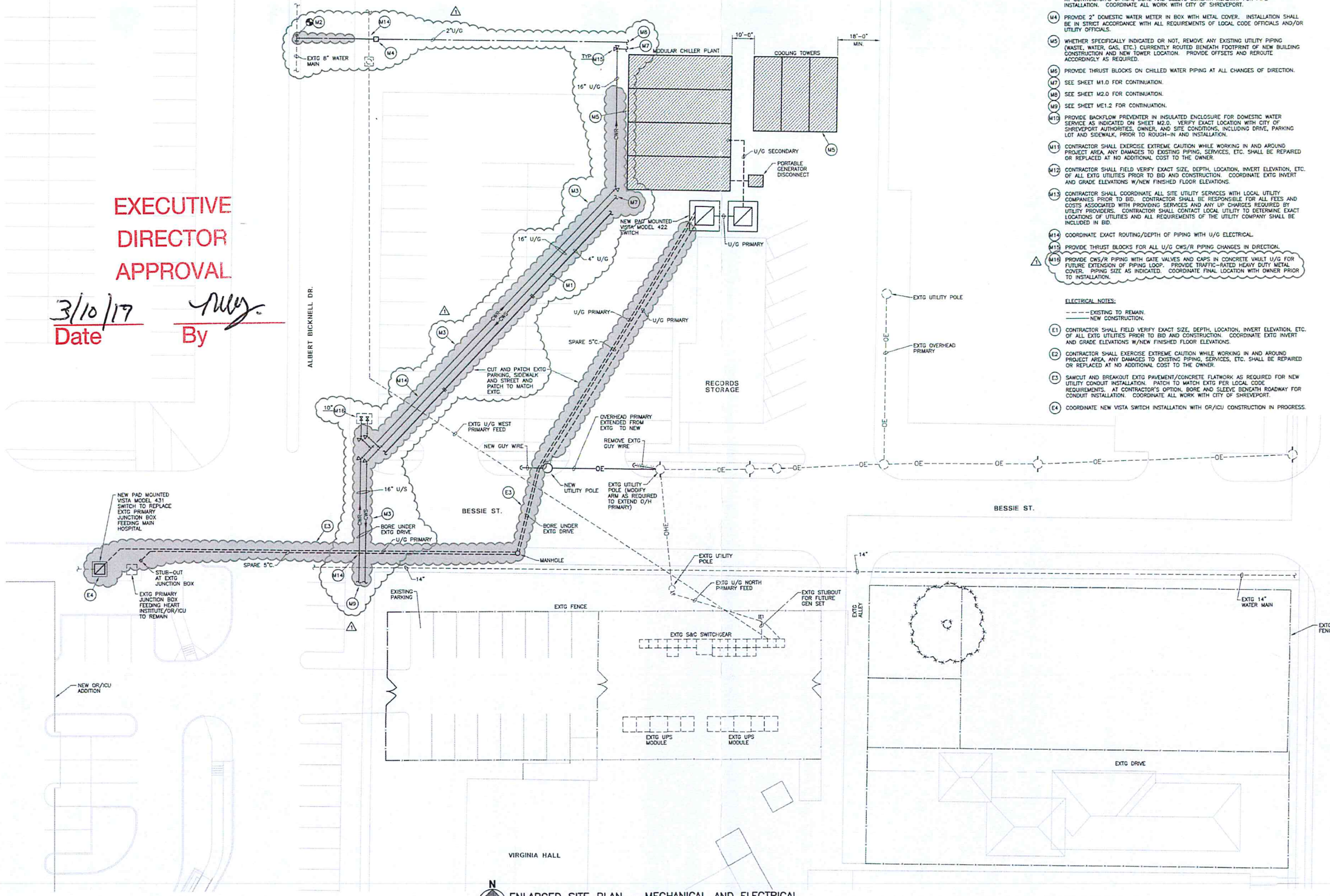
**EXECUTIVE
DIRECTOR
APPROVAL**

3/10/17
Date By *Muy*

GENERAL PROJECT REQUIREMENTS
 MODULAR CHILLER PLANT AND COOLING TOWER ARE OWNER FURNISHED AND CONTRACTOR INSTALLED ON SITE. CONTRACTOR SHALL BE RESPONSIBLE FOR SETTING PLANT MODULES AND TOWER CELLS IN PLACE WHERE DELIVERED TO SITE AND CONNECTING MODULES AND TOWER CELLS TOGETHER. ALL EQUIPMENT, PIPING, POWER, ETC. INSIDE OF PLANT MODULES SHALL BE PRE-ASSEMBLED PRIOR TO DELIVERY TO SITE. CONTRACTOR SHALL PROVIDE PIPING AND POWER CONNECTIONS BETWEEN MODULES AS INDICATED ON PLANS OR DETAILED ON THE MODULAR PLANT SUBMITTALS, AND OTHER WORK AS SPECIFICALLY NOTED ON THE MECHANICAL AND ELECTRICAL PLANS. CONTRACTOR SHALL PROVIDE ALL POWER AND UTILITY CONNECTIONS TO PLANT AND TOWER AS INDICATED ON THE MECHANICAL AND ELECTRICAL PLANS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SITE WORK AND FOUNDATION/STRUCTURAL WORK AS REQUIRED FOR THE PLANT AND TOWER. PROVIDE FOUNDATIONS AND SUPPORTS AS DIRECTED BY STRUCTURAL ENGINEER AND PLANT AND TOWER MANUFACTURERS.

- MECHANICAL NOTES:**
 --- EXISTING TO REMAIN
 --- NEW CONSTRUCTION
- M1 PROVIDE SANITARY SEWER PIPING AS INDICATED. CONNECT TO EXISTING SANITARY SEWER MAIN AS REQUIRED. EXCAVATE AND FIELD VERIFY EXACT LOCATION, INVERT ELEVATION, ETC. PRIOR TO WORK OF ANY KIND. PLUMBING CONTRACTOR SHALL FULLY SURVEY AND FIELD DETERMINE PIPING AND GRADE ELEVATIONS FROM EXISTING MAIN TO THE MOST REMOTE PLUMBING FIXTURE OF THE NEW BUILDING PRIOR TO SLAB POUR. MAINTAIN MIN CODE REQ'D SEPARATION BETWEEN NEW SANITARY SEWER PIPING AND NEW OR EXISTING DOMESTIC WATER PIPING. CROSSOVER POINTS. NOTIFY ARCH/ENGR OF CONFLICTS/DISCREPANCIES IMMEDIATELY. COORDINATE EXACT ROUTING WITH EXISTING SITE CONDITIONS. PATCH/REGRADE TO MATCH IN ACCORDANCE WITH LOCAL CODES AND ORDINANCES.
 - M2 CONNECT NEW WATER SUPPLY TO EXISTING MUNICIPAL WATER SUPPLY WITH STAINLESS STEEL TAPPING SLEEVE OR AS REQUIRED OTHERWISE BY UTILITY COMPANY OFFICIALS. FIELD VERIFY EXACT LOCATION AND SIZE OF EXISTING PIPING.
 - M3 SAWCUT AND BREAKOUT EXISTING PAVEMENT/CONCRETE FLATWORK AS REQUIRED FOR NEW UTILITY PIPING INSTALLATION. PATCH TO MATCH EXISTING PER LOCAL CODE REQUIREMENTS. AT CONTRACTOR'S OPTION, BORE AND SLEEVE BENEATH ROADWAY FOR PIPE INSTALLATION. COORDINATE ALL WORK WITH CITY OF SHREVEPORT.
 - M4 PROVIDE 2" DOMESTIC WATER METER IN BOX WITH METAL COVER. INSTALLATION SHALL BE IN STREET ACCORDANCE WITH ALL REQUIREMENTS OF LOCAL CODE OFFICIALS AND/OR UTILITY OFFICIALS.
 - M5 WHETHER SPECIFICALLY INDICATED OR NOT, REMOVE ANY EXISTING UTILITY PIPING (WASTE, WATER, GAS, ETC.) CURRENTLY ROUTED BENEATH FOOTPRINT OF NEW BUILDING CONSTRUCTION AND NEW TOWER LOCATION. PROVIDE OFFSETS AND REROUTE ACCORDINGLY AS REQUIRED.
 - M6 PROVIDE THRUST BLOCKS ON CHILLED WATER PIPING AT ALL CHANGES OF DIRECTION.
 - M7 SEE SHEET M1.0 FOR CONTINUATION.
 - M8 SEE SHEET M2.0 FOR CONTINUATION.
 - M9 SEE SHEET ME1.2 FOR CONTINUATION.
 - M10 PROVIDE BACKFLOW PREVENTER IN INSULATED ENCLOSURE FOR DOMESTIC WATER SERVICE AS INDICATED ON SHEET M2.0. VERIFY EXACT LOCATION WITH CITY OF SHREVEPORT AUTHORITIES, OWNER, AND SITE CONDITIONS, INCLUDING DRIVE, PARKING LOT AND SIDEWALK, PRIOR TO ROUGH-IN AND INSTALLATION.
 - M11 CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHILE WORKING IN AND AROUND PROJECT AREA. ANY DAMAGES TO EXISTING PIPING, SERVICES, ETC. SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.
 - M12 CONTRACTOR SHALL FIELD VERIFY EXACT SIZE, DEPTH, LOCATION, INVERT ELEVATION, ETC. OF ALL EXISTING UTILITIES PRIOR TO BID AND CONSTRUCTION. COORDINATE EXISTING INVERT AND GRADE ELEVATIONS W/NEW FINISHED FLOOR ELEVATIONS.
 - M13 CONTRACTOR SHALL COORDINATE ALL SITE UTILITY SERVICES WITH LOCAL UTILITY COMPANIES PRIOR TO BID. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FEES AND COSTS ASSOCIATED WITH PROVIDING SERVICES AND ANY UP-CHARGES REQUIRED BY UTILITY PROVIDERS. CONTRACTOR SHALL CONTACT LOCAL UTILITY TO DETERMINE EXACT LOCATIONS OF UTILITIES AND ALL REQUIREMENTS OF THE UTILITY COMPANY SHALL BE INCLUDED IN BID.
 - M14 COORDINATE EXACT ROUTING/DEPTH OF PIPING WITH U/G ELECTRICAL.
 - M15 PROVIDE THRUST BLOCKS FOR ALL U/G CWS/R PIPING CHANGES IN DIRECTION.
 - M16 PROVIDE CWS/R PIPING WITH GATE VALVES AND CAPS IN CONCRETE MAULT U/G FOR FUTURE EXTENSION OF PIPING LOOP. PROVIDE TRAFFIC-RATED HEAVY DUTY METAL COVER. PIPING SIZE AS INDICATED. COORDINATE FINAL LOCATION WITH OWNER PRIOR TO INSTALLATION.

- ELECTRICAL NOTES:**
 --- EXISTING TO REMAIN
 --- NEW CONSTRUCTION
- E1 CONTRACTOR SHALL FIELD VERIFY EXACT SIZE, DEPTH, LOCATION, INVERT ELEVATION, ETC. OF ALL EXISTING UTILITIES PRIOR TO BID AND CONSTRUCTION. COORDINATE EXISTING INVERT AND GRADE ELEVATIONS W/NEW FINISHED FLOOR ELEVATIONS.
 - E2 CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHILE WORKING IN AND AROUND PROJECT AREA. ANY DAMAGES TO EXISTING PIPING, SERVICES, ETC. SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.
 - E3 SAWCUT AND BREAKOUT EXISTING PAVEMENT/CONCRETE FLATWORK AS REQUIRED FOR NEW UTILITY CONDUIT INSTALLATION. PATCH TO MATCH EXISTING PER LOCAL CODE REQUIREMENTS. AT CONTRACTOR'S OPTION, BORE AND SLEEVE BENEATH ROADWAY FOR CONDUIT INSTALLATION. COORDINATE ALL WORK WITH CITY OF SHREVEPORT.
 - E4 COORDINATE NEW VISTA SWITCH INSTALLATION WITH OR/ICU CONSTRUCTION IN PROGRESS.



P+A
 PURTLE + ASSOCIATES
 CONSULTING ENGINEERS
 9441 STEVENS ROAD, SUITE 200
 SHREVEPORT, LOUISIANA 71106
 318 425 4500
 FAX 318 222 6104
 purtleplus@att.net

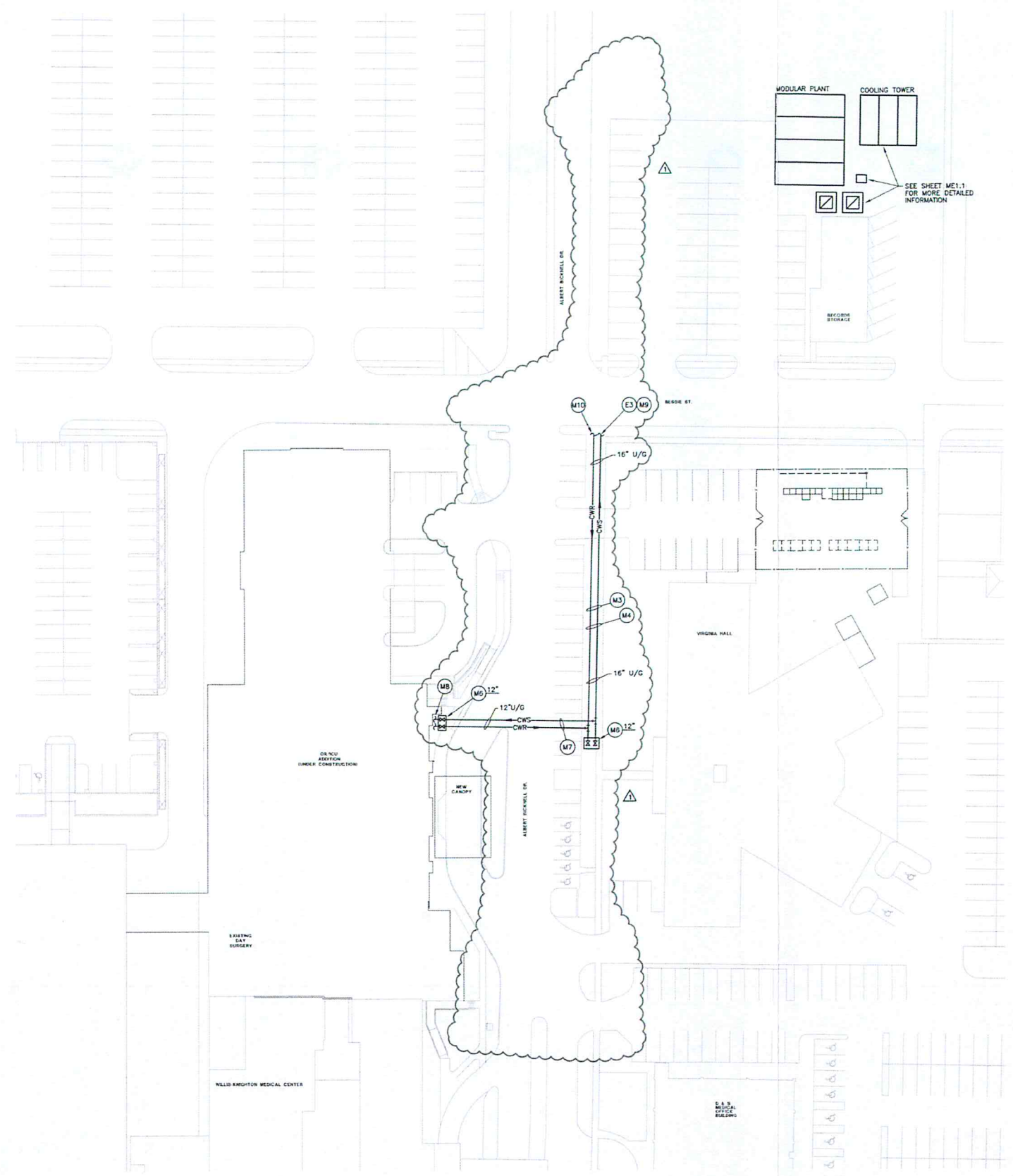
NEW CHILLED WATER CENTRAL PLANT
 FOR
WILLIS-KNIGHTON MEDICAL CENTER
 2600 GREENWOOD ROAD
 SHREVEPORT, LOUISIANA 71103

NO.	DATE	REVISIONS
1	11/29/16	REVISION 1

JOB NO: 16070
 DRAWN BY: RAT
 DATE: 11-7-2016
 SCALE: AS SHOWN

SHEET
ME1.1
 OF

ENLARGED SITE PLAN - MECHANICAL AND ELECTRICAL
 SCALE: 1/16" = 1'-0"



- MECHANICAL NOTES:**
 --- EXISTING TO REMAIN
 --- NEW CONSTRUCTION
- (M1) CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHILE WORKING IN AND AROUND PROJECT AREA. ANY DAMAGES TO EXISTING PIPING, SERVICES, ETC. SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.
 - (M2) CONTRACTOR SHALL FIELD VERIFY EXACT SIZE, DEPTH, LOCATION, INVERT ELEVATION, ETC. OF ALL EXTG UTILITIES PRIOR TO BID AND CONSTRUCTION. COORDINATE EXTG INVERT AND GRADE ELEVATIONS W/NEW FINISHED FLOOR ELEVATIONS.
 - (M3) ROUTE 16" CWS/R PIPING U/G TO THE SOUTH UNDER SIDEWALK/STREET AS INDICATED. COORDINATE EXACT ROUTE WITH EXTG CONDITIONS AND OTHER UTILITIES.
 - (M4) REMOVE AND PATCH EXTG PAVING AS REQUIRED FOR INSTALLATION OF NEW U/G CWS/R PIPING. COORDINATE PHASING WITH OWNER TO KEEP A MAXIMUM AMOUNT OF PARKING SPACES OPEN DURING INSTALLATION.
 - (M5) PROVIDE THRUST BLOCKS AT ALL PIPING CHANGES IN DIRECTION (45° AND 90°).
 - (M6) PROVIDE CWS/R PIPING WITH GATE VALVES AND CAPS IN CONCRETE VAULT U/G FOR FUTURE EXTENSION OF PIPING LOOP. PROVIDE TRAFFIC-RATED HEAVY DUTY METAL COVER. PIPING SIZE AS INDICATED. COORDINATE FINAL LOCATION WITH OWNER PRIOR TO INSTALLATION.
 - (M7) EXTEND NEW 12" CWS/R PIPING ACROSS ALBERT BICKNELL DRIVE TO NEW OR/ICU CONSTRUCTION. COORDINATE INSTALLATION OF PIPING WITH NEW SITE AND PAVING WORK FOR OR/ICU ADDITION.
 - (M8) REFER TO PARTIAL FIRST FLOOR PLAN, SHEET M3.0 FOR CONTINUATION.
 - (M9) CLOSELY COORDINATE NEW MECHANICAL AND ELECTRICAL WORK IN THIS AREA. SEE SHEET ME1.1 FOR MORE INFORMATION.
 - (M10) SEE SHEET ME1.1 FOR CONTINUATION.

- ELECTRICAL NOTES:**
 --- EXISTING TO REMAIN
 --- NEW CONSTRUCTION
- (E1) CONTRACTOR SHALL FIELD VERIFY EXACT SIZE, DEPTH, LOCATION, INVERT ELEVATION, ETC. OF ALL EXTG UTILITIES PRIOR TO BID AND CONSTRUCTION. COORDINATE EXTG INVERT AND GRADE ELEVATIONS W/NEW FINISHED FLOOR ELEVATIONS.
 - (E2) CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHILE WORKING IN AND AROUND PROJECT AREA. ANY DAMAGES TO EXISTING PIPING, SERVICES, ETC. SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.
 - (E3) CLOSELY COORDINATE NEW MECHANICAL AND ELECTRICAL WORK IN THIS AREA. SEE SHEET ME1.1 FOR MORE INFORMATION.

N
 OVERALL SITE PLAN - MECHANICAL AND ELECTRICAL

SCALE: 1" = 30'-0"



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PURTLE + ASSOCIATES
 CONSULTING ENGINEERS
 9441 STEVENS ROAD, SUITE 200
 SHREVEPORT, LOUISIANA 71106
 318.425.4500
 PURTLE@PURTLE.COM

P+A
 LOUISIANA REGISTERED ENGINEERING FIRM #7-2294
 2600 GREENWOOD ROAD
 SHREVEPORT, LOUISIANA 71103

NEW CHILLED WATER CENTRAL PLANT
 FOR
WILLIS-KNIGHTON MEDICAL CENTER
 2600 GREENWOOD ROAD
 SHREVEPORT, LOUISIANA 71103

NO.	DATE	REVISIONS
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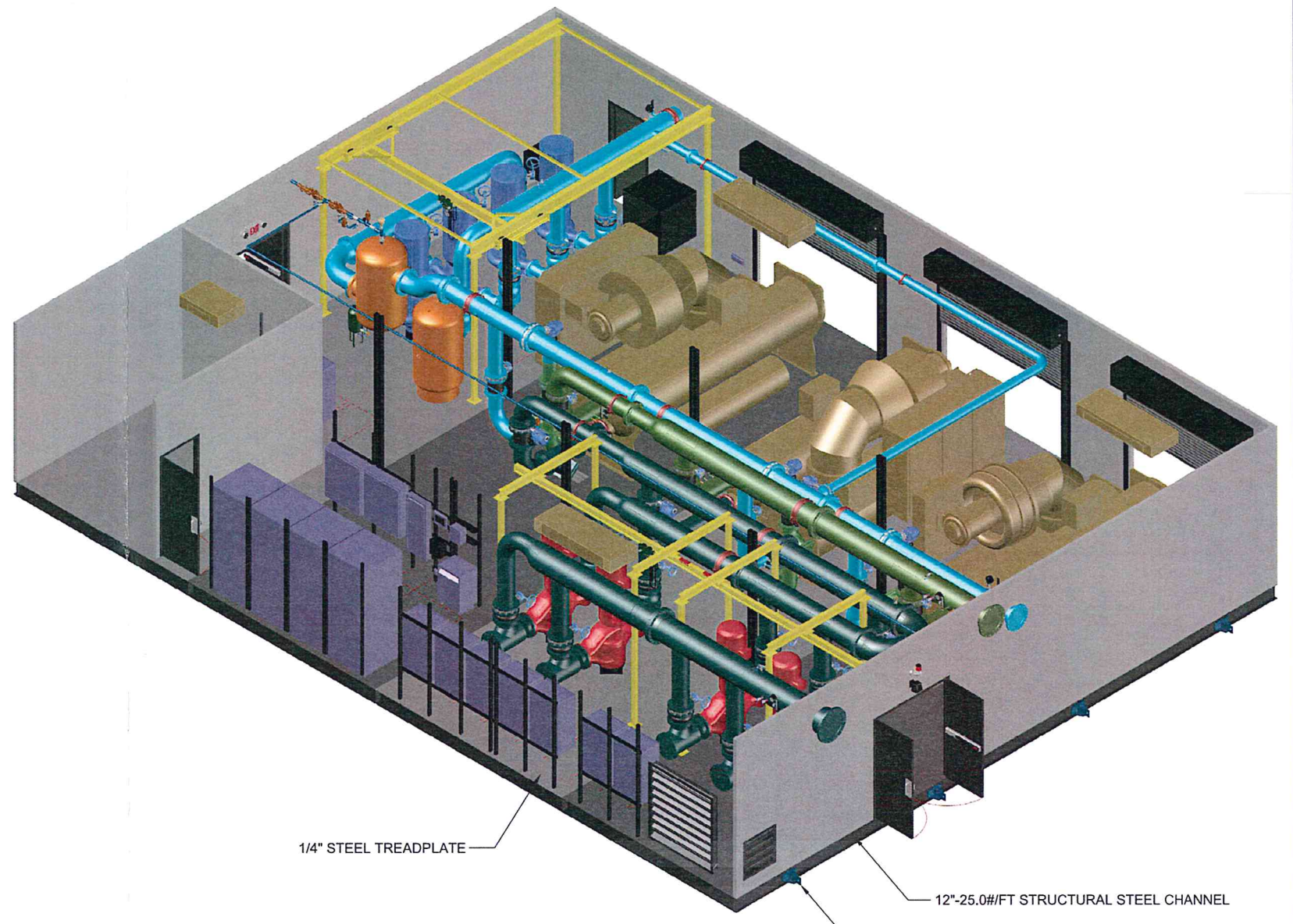
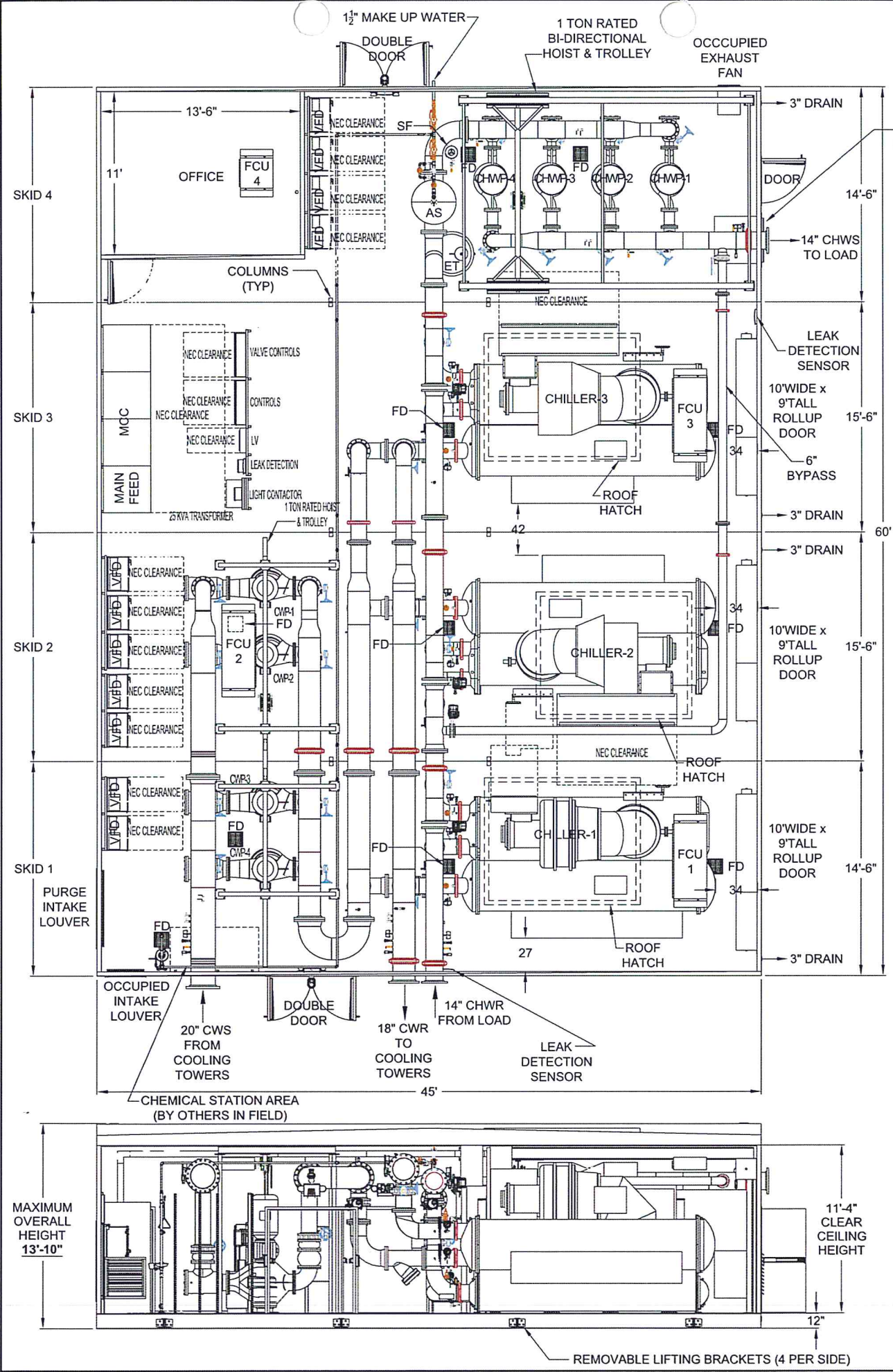
JOB NO: 16070
 DRAWN BY: RAT
 DATE: 11-7-2016
 SCALE: AS SHOWN

SHEET
ME1.2
 OF

SYSTEM LAYOUT

APPROXIMATE SHIPPING WEIGHTS:

- SKID 1: 90,000 LBS.
- SKID 2: 96,000 LBS.
- SKID 3: 87,000 LBS.
- SKID 4: 65,000 LBS.



ROOF AND WALLS REMOVED FOR CLARITY

<p>CANARIIS CORPORATION RIVERVIEW, FL. PH: (813)621-8843 FAX: (813)626-2178 www.canaris.com</p>	<p>DWG TITLE: WK NORTH CHILLER PLANT</p>			
	<p>DWN BY: R.ABRAMS</p>	<p>DATE: 10/19/16</p>	<p>SCALE: 1/4"=1'-0"</p>	<p>REV.</p>
<p>APPY BY: SJS</p>	<p>DATE:</p>	<p>DWG NO.: H-0064-16</p>	<p>PAGE 2 OF 2</p>	