Addendum 3

Project Stadium New Press Box – Marlin ISD

Issued December 11, 2023 by CEI Engineering Associates, Inc.

Proposal Opening December 14th at 2:00 PM **(Date is to be changed via this addenda)**

The following additions and changes are to be made to the Contract Documents; and hereby become part of the Contract.

Item 1 – Proposals Due Date

1. Change the date for which competitive sealed proposals are due, from December 14th, 2023 at 2:00 p.m. local time to December 28th, 2023 at 2:00 p.m. local time.

Item 2 – Press Box design Changes

1. Attached addendum 3 materials included with this addendum are to be included as part of addendum 3.

END OF ADDENDUM

This addendum that consists of one (1) addenda sheet; and three (3) HKS narrative sheets; and eleven (11) drawings sheets, which shall be included as part of the proposal documents.

This addenda must be acknowledged on the Proposal Form

12/11/23

MARLIN ISD

PRESSBOX

Marlin, Texas

ADDENDUM NO. 3

PROJECT: Marlin ISD - Pressbox
HKS Project No. 26095.000

DATE: December 08, 2023

FROM: Erin Halliday
350 N Saint Paul, Suite 100
Dallas, TX 75201
214-969-5599

The Proposal Documents shall be amended and/or revised by Addendum hereinafter specified and all Work affected by this Addendum shall be included.

Except as may otherwise be described, labor and material for the Work hereinafter indicated shall conform to all requirements of the original Proposal Documents.

Notwithstanding the foregoing, it is a condition of this Policy that the Company shall be subrogated to all the Insured's rights of recovery against any manufacturer or supplier of machinery, equipment or other property, whether named as an Insured or not, for the cost of making good any loss or damage which said party has agreed to make good under a guarantee or warranty, whether expressed or implied.

The Insured will act in concert with the Company and all other interest concerned in the exercise of such rights of recovery. The Insured will do nothing after a loss to prejudice such rights of subrogation.

If any amount is recovered as a result of such proceedings, the net amount recovered after deducting the costs of recovery, will accrue first to the Company up to the amount of loss paid. Any excess of this amount will be remitted to the Insured. If there is no recovery, the interests instituting the proceedings will bear the expense of the proceedings proportionately.

MEP Specifications:

Add the following paragraph to "**2.04 FANS**" of Specification **Section 23 3000 – "HVAC AIR DISTRIBUTION":**

H. Propeller recirculation fans shall each be a fabricated unit, with case aluminum air foil propeller fan bolted to central aluminum hub with safety retainers, cylinder housing with helical gear reducer, permanently lubricated drive with lip seals, resiliently-mounted motor, steel mounting frame and post, disconnect switch, roof mounting bracket, and baked enamel finish; "Big Ass Fan" PowerFoil Series. Each fan shall include factory U.L. Listed unit-mounted variable frequency drive (VFD), and remote wall-mounted variable-speed control switch for fully variable airflow control.

Add the following paragraph to "**PART 2 – PRODUCTS**" of Specification **Section 23 8000 – "UNITARY HEATING, VENTILATING, AND AIR CONDITIONING EQUIPMENT":**

2.05 THRU-WALL A/C UNITS

A. Units shall be package terminal type with interior room unit mounted at wall above floor, and through-wall condenser and ventilation assembly. Each unit shall be completely factory assembled, piped, internally wired and fully charged with R-410a refrigerant. Units shall be U.L. listed and certified in accordance with ARI Standards 310/380 for A/C units.

B. Units shall be complete assemblies including compressor, evaporator and condenser coils, supply and condenser fans, isolation valves, electric heater, filter, drain pan, and refrigerant and temperature controls.

C. Unit cabinets shall be insulated furniture steel chassis with enameled finish, or equal. Cabinet shall include integral top discharge supply grille, bottom return air inlet, drain pan with condensate drain connection, and electrical sub-base. Assembly shall also include insulated metal wall sleeve for condenser and ventilation sections with aluminum architectural grille painted to match building.

D. Evaporator and condenser coils shall be of nonferrous construction with aluminum plate fins mechanically bonded to seamless copper tubes.

E. Unit fans shall include multi-speed direct-drive centrifugal supply fan and axial-flow condenser fan, dynamically balanced, with thermal overload motor protection, permanently lubricated, and isolated mountings.

F. Units shall include hermetic rotary compressor and refrigerant circuit with thermal overload and overcurrent protection and internal vibration isolation.

G. Units shall include electric auxiliary heater, open-coil type, with over-temperature protection device.

H. Units shall include condensate removal system with condensate suction port and slinger ring. Each unit shall also include a filter section with replaceable filters.

I. Each A/C unit shall include U.L. listed Short Circuit Current Rating (SCCR) in accordance with NEC. Minimum SCCR rating for each unit shall be not less than 5kA at rated voltage.

J. Each A/C unit shall include stamped nameplate identification affixed to the exterior cabinet. Nameplate data shall include Manufacturer, Model No., Serial No., Unit volts, phase, MCA & MOCP, electric data for each component, gas heating input & pressure, and unit Short Circuit Current Rating (SCCR) in accordance with NEC.

    1. SCCR identification will not be required for any unit under 60 amp FLA.

K. Units shall include factory controls with fan speed switch, fan/heat/cool/off switch, and temperature setpoint adjustment. Controls shall be accessible through hinged cover.

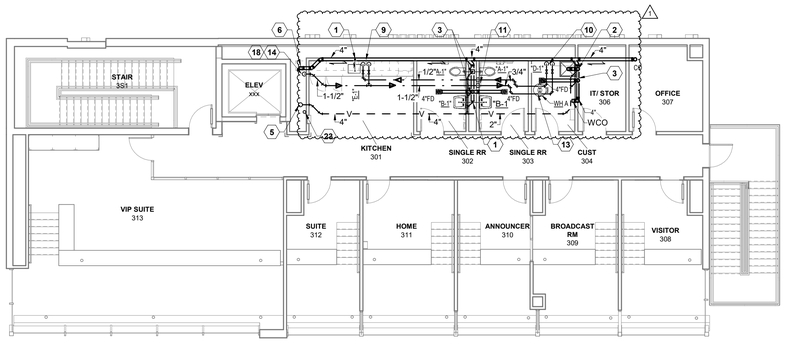
L. Units shall be "Trane" Model PTAH, or equal, with capacities not less than those scheduled on the drawings.

MEP Drawings:

Revised drawings issued as part of this addendum include:

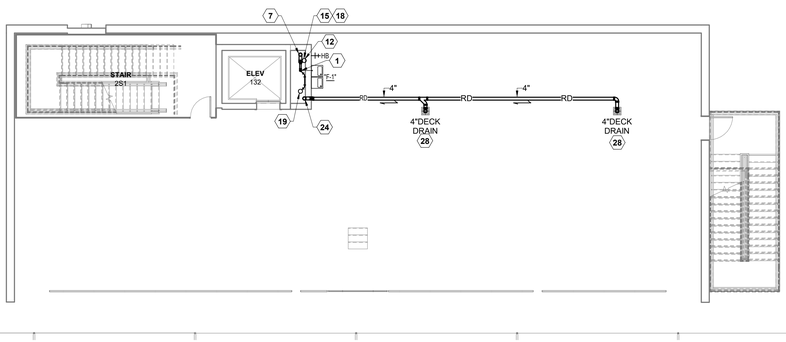
P2.01 PRESS BOX FLOOR PLANS – PLUMBING
M1.01 MECHANICAL SCHEDULE
M2.01 PRESS BOX FLOOR PLANS – H.V.A.C.
M3.01 ROOF PLAN – H.V.A.C.
E1.01 ELECTRICAL SCHEDULES, SYMBOL LEGENDS AND DETAILS
E1.03 LIGHTING CONTROLS DETAILS AND SYMBOL LEGEND
E2.01 PRESS BOX FLOOR PLANS – POWER
E3.01 PRESS BOX FLOOR PLANS – LIGHTING
E4.02 PRESS BOX FLOOR PLANS – FIRE ALARM
E5.01 PRESS BOX FLOOR PLANS – TECHNOLOGY SUPPORT
E6.01 ELECTRICAL SITE PLAN – NEW WORK

END OF ADDENDUM



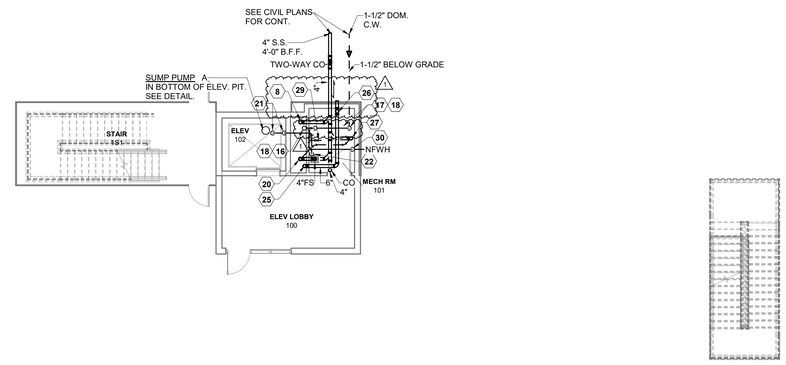
3 FLOOR PLAN - PRESSBOX LEVEL - PLUMBING

1/8" = 1'-0"



2 FLOOR PLAN - MEZZANINE LEVEL - PLUMBING

1/8" = 1'-0"



1 FLOOR PLAN - GROUND LEVEL - PLUMBING

1/8" = 1'-0"

NOTES BY SYMBOL:

1. 2"W. & 1-1/2" V-REV.
2. 3"W. & 1-1/2" V-REV.
3. 4" W. & 2" V-REV.
4. 1-1/2" V. UP IN CHASE. SEE FLOOR PLAN - PRESSBOX LEVEL THIS SHEET FOR CONT.
5. 2" V. UP F/B CONNECT TO 4" REV. & VTR.
6. TURN 4" W. DOWN IN CHASE BELOW. SEE FLOOR PLAN - MEZZANINE LEVEL THIS SHEET FOR CONT.
7. 4" W. F/A & DOWN IN CHASE. SEE FLOOR PLAN - GROUND LEVEL THIS SHEET FOR CONT.
8. 4" W. F/A & DOWN TO BELOW GRADE.
9. 1/2" H.W. & C.W. DOWN IN WALL TO SERVE SINK.
10. 1/2" H.W. & C.W. DOWN IN WALL TO SERVE MOP BASIN.
11. 3/4" H.W. & 1-1/2" C.W. DOWN IN CHASE. PROVIDE 1" C.W. TO EACH WATER CLOSET & 1/2" H.W. & C.W. TO EACH LAV. PROVIDE ISOL. VALVES IN DROP ABOVE CEILING.
12. BRANCH 3/4" C.W. IN CHASE. PROVIDE 1/2" C.W. TO SERVE DRINKING FOUNTAIN & 3/4" C.W. TO HOSE BIBB PROVIDE ISOL. VALVE IN CHASE WITH ACCESS PANEL.
13. 3/4" H.W. & C.W. TO SERVE WATER HEATER.
14. 1-1/2" C.W. UP IN CHASE TO ABOVE CEILING.
15. 1-1/2" C.W. UP IN CHASE F/B. SEE FLOOR PLAN - PRESSBOX LEVEL THIS SHEET FOR CONT.
16. TURN 1-1/2" C.W. UP IN CHASE. SEE FLOOR PLAN - MEZZANINE LEVEL THIS SHEET FORE CONT.
17. TURN 1-1/2" C.W UP THRU FLOOR WITH ISOL. VALVE AT 48" A.F.F. PROVIDE HOSE END DRAIN AT BASE OF RISER. (1)
18. DOM. C.W. PIPING IN EXPOSED AREAS (WITH-IN CHASE) SHALL BE PROVIDED WITH FREEZE PROTECT HEAT TAPE. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION & DETAILS.
19. 2" V. UP F/B & CONNECT TO VENT STACK.
20. 4" W. & 2" V-REV UP IN CHASE. SEE FLOOR PLAN MEZZANINE LEVEL THIS SHEET FLOOR CONT.
21. 1-1/4" PUMPED WASTE UP FROM SUMP PUMP IN BOTTOM OF ELEV. PIT. SEE DETAIL HOLD TIGHT TO PIT WALL AND RUN AS SHOWN.
22. TERMINATE 1-1/4" PUMPED WASTE INTO FLOOR SINK WITH 1" AIR GAP.
23. 6" ROOF DRAIN PIPING F/A AND DOWN IN CHASE BELOW. SEE FLOOR PLAN MEZZANINE LEVEL THIS SHEET FOR CONT.
24. 6" ROOF DRAIN PIPING F/A & DOWN IN CHASE BELOW. SEE FLOOR PLAN - GROUND LEVEL THIS SHEET FOR CONT.
25. 6" ROOF DRAIN F/A. OFFSET HIGH AS POSSIBLE BELOW STRUCTURE ABOVE AND RUN AS SHOWN.
26. TURN 6" ROOF DRAIN PIPING DOWN. TURN THRU EXT. WALL ABOVE GRADE AND TERMINATE WITH DOWN SPOUT NOZZLE.
27. 4"W. & 2" V-REV. STUB OUT & CAP 2" WASTE ABOVE FLOOR FOR FUTURE CONNECTION BY OTHERS.
28. DECK DRAIN TO BE "ZURN" MODEL Z158-DT-ZB-EB-Y OR EQUAL.
29. VALVE & CAP 1" C.W. FOR FUTURE CONNECTION BY OTHERS.
30. 3/4" C.W. DOWN TO SERVE NON FREEZE WALL HYDRANT.

HKS

ARCHITECT
HKS, INC.
350 N SAINT PAUL ST
SUITE 100
DALLAS, TX 75201

CIVIL ENGINEER
CEI ENGINEERING ASSOCIATES, INC.
3030 LBJ FREEWAY
SUITE 100
DALLAS, TX 75234

LANDSCAPE
CEI ENGINEERING ASSOCIATES, INC.
3030 LBJ FREEWAY
SUITE 100
DALLAS, TX 75234

STRUCTURAL
HKS, INC.
350 N SAINT PAUL ST
SUITE 100
DALLAS, TX 75201

MEP
ROMINE, ROMINE & BURGESS, INC.
300 GREENLEAF ST
FORT WORTH, TX 76107

MARLIN

MARLIN ISD PRESS BOX
678 SUCCESS DR B
MARLIN, TX 76661

OWNER
MARLIN ISD
678 SUCCESS DR B
MARLIN, TX 76661

Romine, Romine, & Burgess
Mechanical/Electrical Engineers
300 Greenleaf
Ft. Worth,
Texas 76107
817/336-4633
Registration #F-509
WWW.ROMINEINC.COM
RRB@ROMINEINC.COM
JOB# 2812

STATE OF TEXAS
JUSTIN K. ROBUCK
149465
REGISTERED
PROFESSIONAL ENGINEER

11/16/2023

REVISION

NO.	DESCRIPTION	DATE
1	ADDENDUM #3	12/11/23

HKS PROJECT NUMBER
26095.000
DATE
11/16/23
ISSUE
ISSUE FOR BID AND PERMIT
SHEET TITLE
PRESS BOX FLOOR PLANS - PLUMBING

SHEET NO.
P2.01

PLOT DATE: 12/11/2023 11:51:33 AM TEMPLATE VERSION: 23.0.4

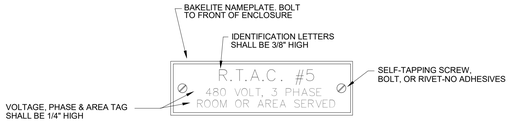
MECHANICAL EQUIPMENT SCHEDULE

PACKAGE ROOFTOP A/C UNITS

MARK	SERVES	C.F.M. (EACH) TOTAL SUPPLY AIR (NOM.)	LO-STAGE SUPPLY AIR	OUTSIDE AIR INTAKE	EXT. STATIC PRESS. INCHES H2O	SUPPLY AIR FAN MOTOR HP., NOMINAL	COOLING - 500 FPM MAXIMUM F.V. NOM. TONS	B.T.U.H. MINIMUM EACH SENSIBLE HEAT	TOTAL HEAT	ENT. AIR D.B. °F	ENT. AIR W.B. °F	CONDENSING AMBIENT AIR, °F D.B.	ELECTRIC HEATING MINIMUM OUTPUT B.T.U.H.	MAXIMUM KW	NO. STAGES MIN	EFFICIENCY @ AHRI MIN. SEER	MIN. EER	ELECTRICAL DATA	VENT TYPE NO OA	2-POS. MOT. OA.	MOD. OA-CO2	ECON	REMARKS
A	AS INDICATED	1200	600	110	.8"	3/4	3	24,000	34,000	80.0	67.0	105	35,500	15	2	17.0	——	460V.,3Ø		●		●	
B	AS INDICATED	2000	1000	150	.9"	1.5	5	42,000	55,000	80.0	67.0	105	50,000	17.5	2	17.0	——	460V.,3Ø		●		●	
C	AS INDICATED	3000	1500	250	1"	2	7.5	64,500	83,000	80.0	67.0	105	80,000	25	2	——	13.0	460V.,3Ø		●		●	

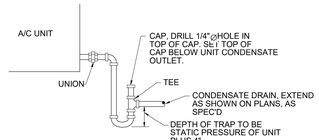
FANS

MARK	SERVES	C.F.M., MIN., EACH	TOTAL STATIC PRESS., INCHES H2O EACH	MAX. SONES @ RATING POINT	MOTOR HP EACH MINIMUM	MOTOR HP EACH MAXIMUM	DRIVE DIRECT	DRIVE V-BELT	INTERLOCK REQUIRES PRIOR OPERATION OF:	INTERLOCK LOCAL SW.	ELECT. DATA	SPEC. FEATURES T.E.F.C.	SPEC. FEATURES LW P.G.	SPEC. FEATURES H.C.	SPEC. FEATURES B.D. DAMPER	SPEC. FEATURES HEAT SHIELD	SPEC. FEATURES MOT. DMPR.	SPEC. FEATURES ACID RESIST.	FAN TYPE STD. ROOF	FAN TYPE UPBLAST	FAN TYPE CEILING	FAN TYPE RECIRC.	FAN TYPE IN-LINE	FAN TYPE RF SUPPLY	DUTY EXHAUST	DUTY VENT.	DUTY FUME HOOD	DUTY MU AIR	REMARKS
E.F. #1	TOILETS & CUSTODIAL	300	.325"	6	1/6	1/4	●		——		120V., 1Ø				●				●						●				
E.F. #2	IT ROOM	300	.25"	6	1/6	1/4	●		——		120V., 1Ø				●				●							●			
1 RF #1 - #3	MEZZANINE LEVEL	——	——	——	1	1	●		——	●	208V., 1Ø											●				●			8' DIAMETER PROPELLER RECIRCULATION FAN AS INDICATED. SEE SPECIFICATIONS.

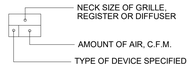


NOTES
1. BAKELITE NAMEPLATES FOR EQUIPMENT SERVED BY EMERGENCY PANELS SHALL BE RED WITH WHITE ENGRAVING;ALL OTHERS SHALL BE BLACK WITH WHITE ENGRAVING.
2. TEMPERATURE SENSORS SHALL BE LABELED INSIDE OF COVER AS TO THE EQUIPMENT THEY SERVE. LABEL SHALL MATCH EQUIPMENT TAG NAME.

DETAIL - EQUIPMENT NAMEPLATE
NO SCALE



A/C CONDENSATE DRAIN DETAIL - ROOFTOP A/C
NO SCALE



AIR DEVICE SYMBOL
NO SCALE

MECHANICAL SYMBOL LEGEND

SYMBOL	DESCRIPTION
	NEW ; EXISTING
	DIRECTION OF FLOW IN PIPE
	PITCH OF PIPE DOWNWARD (SEE SPEC'S)
D	DRAIN PIPING (CONDENSATE)
	THERMOSTAT (DDC SENSOR)
H	HUMIDISTAT (DDC SENSOR)
C	CO2 SENSOR
F\A , F\B	FROM ABOVE, FROM BELOW
AFF	ABOVE FINISHED FLOOR
BFF	BELOW FINISHED FLOOR
SA, RA, OA	SUPPLY AIR, RETURN AIR, OUTSIDE AIR
	DOUBLE-WALL DUCTWORK W/ SOLID LINER
	DOUBLE-WALL DUCTWORK W/ PERF. LINER
	DUCTWORK STANDARD
FD FSD	FIRE DAMPER ; COMBINATION FIRE/SMOKE DAMPER

AUTOMATIC CONTROL LEGEND

CD	-	COLD DECK	OF	-	OPERATIONAL FAILURE
CDT	-	COLD DECK TEMPERATURE	OS	-	OPERATIONAL STATUS
CF	-	CONTROL FUNCTION	RH	-	RESET HUMIDITY
DDC	-	DIRECT DIGITAL CONTROL	PS/S	-	PROGRAM START/STOP
DI	-	DATA INDICATION	RAT	-	RETURN AIR TEMPERATURE
EMS	-	ENERGY MANGEMENT SYSTEM	RT	-	RESET TEMPERATURE
HD	-	HOT DECK	RWT	-	RETURN WATER TEMPERATURE
HDT	-	HOT DECK TEMPERATURE	SAH	-	SUPPLY AIR HUMIDITY
LWT	-	LEAVING WATER TEMPERATURE	SAT	-	SUPPLY AIR TEMPERATURE
MAT	-	MIXED AIR TEMPERATURE	S/S	-	START/STOP
MZU	-	MULTI-ZONE UNIT	SZU	-	SINGLE ZONE UNIT
OAT	-	OUTSIDE AIR TEMPERATURE	ZT	-	ZONE TEMPERATURE

GENERAL NOTES:

1 CONTRACTOR SHALL FIELD VERIFY THE EXACT LOCATION, SIZE DEPTH, DIRECTION OF FLOW AND PRESSURE OF ALL CONNECTED UTILITIES AND SYSTEMS BEFORE EXTENDING NEW WORK FOR CONNECTIONS THERETO.

2 CONTRACTOR SHALL COORDINATE AND SCHEDULE ALL DISCONNECTIONS AND RECONNECTION OF EXISTING AND NEW SYSTEMS WITH OWNER PRIOR TO THE TIME SUCH WORK IS TO BE DONE.

3 "DOWNTIME" OF UTILITIES OR MECHANICAL SYSTEMS SHALL BE HELD TO A MINIMUM AND SHALL TAKE PLACE ONLY AT SUCH TIME THAT IS ACCEPTABLE TO THE OWNER.

4 ALL DUCTWORK AND PIPING SHALL BE SUSPENDED FROM STRUCTURE AND RUN CONCEALED ABOVE CEILING, OR RUN WITHIN WALLS, CHASES OR UNDER FLOORS, UNLESS OTHERWISE NOTED.

5 ANY FLOORS, CEILINGS, WALLS OR ANY OTHER PROPERTY DAMAGED AS A RESULT OF ANY NEW MECHANICAL WORK SHALL BE REPAIRED TO THEIR ORIGINAL CONDITION.

6 PROVIDE TRAP PRIMER FOR EACH FLOOR DRAIN, SHOWER DRAIN, FLOOR SINK. AND HUB DRAIN.

7 CONTRACTOR SHALL PROVIDE FIRE DAMPER AT EACH DUCT PENETRATION THROUGH FIRE-RATED ROOF, AND AT ALL FIRE-RATED WALLS, UNLESS OTHERWISE NOTED.

8 SIZES INDICATED FOR ALL SUPPLY AIR REGISTERS AND SIDEWALL RETURN GRILLES REPRESENT ACTUAL OPENING DIMENSIONS NOT COUNTING PERIMETER FRAME.

9 VERIFY AND COMPARE UNIT ELECTRIC DATA (VOLTS & PHASE) INDICATED ON THESE SCHEDULES WITH THAT INDICATED ON THE ELECTRICAL DRAWINGS AND REPORT INCONSISTENCIES BEFORE PROCEEDING WITH ANY EQUIPMENT ORDER OR INSTALLATION.

10 CONTRACTOR SHALL FIELD VERIFY AND/OR COORDINATE LOCATIONS OF PLUMBING VENTS THRU ROOF AND A/C UNITS OUTSIDE AIR INTAKES AND SHALL MAKE NECESSARY OFFSETS TO MAINTAIN A MINIMUM SEPARATION OF 20'-0" WHERE POSSIBLE, NOT LESS THAN 10'-0".

11 CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS & SPEC'S FOR MOUNTING HEIGHTS OF PLUMBING FIXTURES.

12 SEE CIVIL DRAWINGS FOR ADDITIONAL UTILITY AND GRADING INFORMATION.

13 CONTRACTOR SHALL REFER TO ARCHITECTURAL DRAWINGS FOR ELEVATIONS OF SIDEWALL SUPPLY AIR REGISTERS AND RETURN GRILLES.

14 SEE ARCHITECTURAL PLANS FOR ADDITIONAL ROOF DRAIN AND FLASHING INFORMATION.

15 ALL VENTS THROUGH FLAT ROOFS SHALL BE SET WITH TOP FLUSH WITH THE TOP OF THE PARAPET. SEE ARCH. PLANS FOR FLASHING INFORMATION.

16 CONTRACTOR SHALL PROVIDE APPROVED PROTECTION AT ALL FLOOR DRAINS SO THAT TERRAZO SLURRY OR OTHER MATERIALS DO NOT GET WASHED INTO DRAINS.

17 CONTRACTOR SHALL IDENTIFY AND LABEL ALL HVAC EQUIPMENT UNDER THIS PROJECT AS SPECIFIED. ACTUAL UNIT NUMBERS SHALL BE COORDINATED WITH THE OWNER IN SEQUENCE WITH OTHER EXISTING UNITS SERVING THE BUILDING.

18 TESTING, BALANCING AND COMMISSIONING SERVICES SHALL BE CARRIED OUT BY CERTIFIED TAB AGENCY FOR ALL NEW HVAC AND DOMESTIC HOT WATER SYSTEMS AS SPECIFIED, AND IN ACCORDANCE WITH THE INTERNATIONAL ENERGY CONSERVATION CODE.

HKS

ARCHITECT
HKS, INC.
350 N SAINT PAUL ST
SUITE 100
DALLAS, TX 75201

CIVIL ENGINEER
CEI ENGINEERING ASSOCIATES, INC.
3030 LBJ FREEWAY
SUITE 100
DALLAS, TX 75234

LANDSCAPE
CEI ENGINEERING ASSOCIATES, INC.
3030 LBJ FREEWAY
SUITE 100
DALLAS, TX 75234

STRUCTURAL
HKS, INC.
350 N SAINT PAUL ST
SUITE 100
DALLAS, TX 75201

MEP
ROMINE, ROMINE & BURGESS, INC.
300 GREENLEAF ST
FORT WORTH, TX 76107

MARLIN

MARLIN ISD PRESS BOX
678 SUCCESS DR B
MARLIN, TX 76661

OWNER
MARLIN ISD
678 SUCCESS DR B
MARLIN, TX 76661

Romine, Romine, & Burgess
Mechanical/Electrical Engineers
300 Greenleaf
Ft. Worth,
Texas 76107
817.336.4633
Registration #F-3309
WWW.ROMINEINC.COM
RRB@ROMINEINC.COM
JOB# 2012

STATE OF TEXAS
JUSTIN K. ROBUCK
149465
REGISTERED
PROFESSIONAL ENGINEER
11/16/2023

REVISION

NO.	DESCRIPTION	DATE
1	ADDENDUM #3	12/11/23

HKS PROJECT NUMBER
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SHEET TITLE
MECHANICAL SCHEDULE

SHEET NO.
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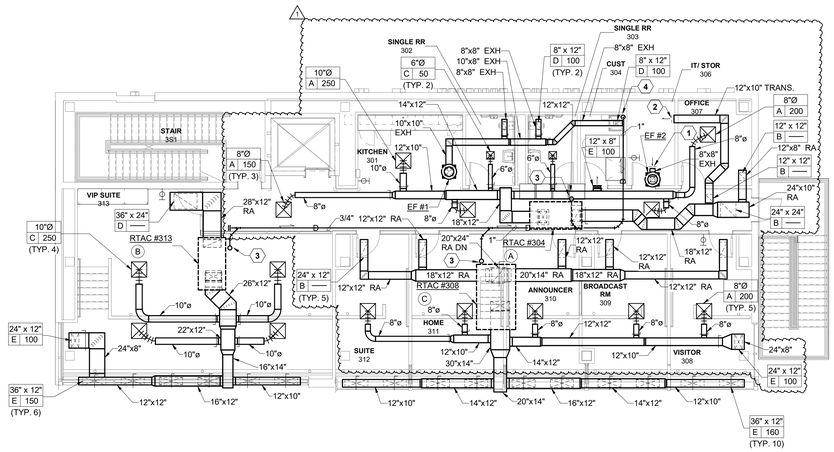
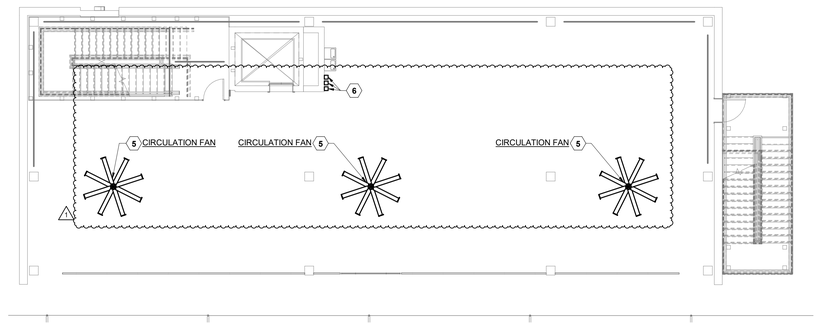
PLOT DATE:
12/11/2023 11:51:23 AM TEMPLATE VERSION: 23.0.4



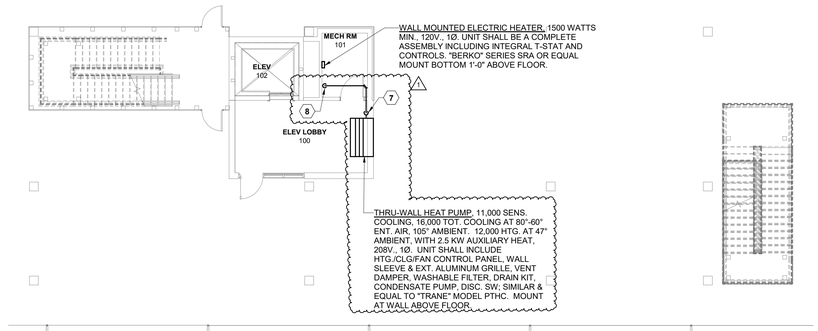
3 FLOOR PLAN - PRESSBOX LEVEL - H.V.A.C.

1/8" = 1'-0"



2 FLOOR PLAN - MEZZANINE LEVEL - H.V.A.C.

1/8" = 1'-0"



1 FLOOR PLAN - GROUND LEVEL - H.V.A.C.

1/8" = 1'-0"

NOTES BY SYMBOL ⬡ :

1. EXH. OPEN IN ROOM COVER OPEN END WITH 1/2" MESH HARDWARE CLOTH.
2. TRANSFER DUCT OPEN TO IT ROOM, COVER OPEN END WITH 1/2" MESH HARDWARE CLOTH.
3. COND DRAIN THRU ROOF FROM A/C UNIT AND RUN ABOVE CEILING AS SHOWN (TYPICAL).
4. COND DRAIN DOWN IN WALL AND DISCHARGE AT JANITOR SINK.
5. PROPELLER CIRCULATION FAN, MOUNT TO STRUCTURE ABOVE. SET FAN APPROX. 8'-0" ABOVE FINISHED FLOOR.
6. CIRCULATION FAN CONTROLLER MOUNTED ON WALL.
7. 3/4" COND DRAIN THRU CEILING FROM PTHP UNIT AND RUN ABOVE CEILING AS SHOWN.
8. COND DRAIN DOWN IN WALL AND DISCHARGE AT FLOOR DRAIN.

GENERAL NOTES:

1. COORDINATE INSTALLATION OF CONDENSATE DRAIN PIPING WITH THAT OF CONDUIT OR WORK OF OTHER TRADES TO INSURE PROPER SLOPE OF PIPING.
2. CONDENSATE DRAIN FOR EACH UNIT SHALL BE 3/4" UNLESS OTHERWISE NOTED.
3. CONDENSATE DRAIN PIPING SHALL RUN THRU AND BETWEEN JOIST WEBBING TO THE EXTENT ALLOWED WHILE MAINTAINING SLOPE; THEN SHALL CONTINUE BELOW JOISTS ABOVE CEILINGS TO DISCHARGE POINTS.

HKS

ARCHITECT
HKS, INC.
350 N SAINT PAUL ST
SUITE 100
DALLAS, TX 75201

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CEI ENGINEERING ASSOCIATES, INC.
3030 LBJ FREEWAY
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STRUCTURAL
HKS, INC.
350 N SAINT PAUL ST
SUITE 100
DALLAS, TX 75201

MEP
ROMINE, ROMINE & BURGESS, INC.
300 GREENLEAF ST
FORT WORTH, TX 76107

MARLIN

MARLIN ISD PRESS BOX
678 SUCCESS DR B
MARLIN, TX 76661

OWNER
MARLIN ISD
678 SUCCESS DR B
MARLIN, TX 76661

Romine, Romine, & Burgess
Mechanical/Electrical Engineers
300 Greenleaf
Ft. Worth,
Texas 76107
817/336-4633
Registration #F-509
WWW.ROMINEINC.COM
RRB@ROMINEINC.COM
JOB# 2812

STATE OF TEXAS
JUSTIN K. ROBUCK
149455
REGISTERED
PROFESSIONAL ENGINEER

11/16/2023

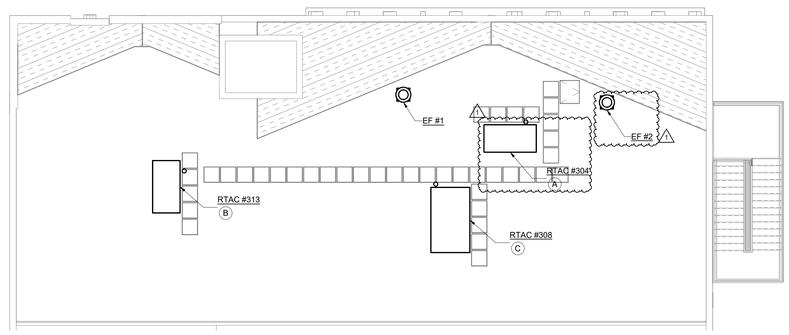
REVISION

NO.	DESCRIPTION	DATE
1	ADDENDUM #3	12/11/23

HKS PROJECT NUMBER
26095.000
DATE
11/16/23
ISSUE
ISSUE FOR BID AND PERMIT
SHEET TITLE
PRESS BOX FLOOR PLANS - H.V.A.C.

SHEET NO.
M2.01

PLOT DATE:
12/17/2023 11:51:27 AM TEMPLATE VERSION: 23.0.4



1 ROOF PLAN - H.V.A.C.
1/8" = 1'-0"

N

HKS

ARCHITECT
HKS, INC.
350 N SAINT PAUL ST
SUITE 100
DALLAS, TX 75201

CIVIL ENGINEER
CEI ENGINEERING ASSOCIATES, INC.
3030 LBJ FREEWAY
SUITE 100
DALLAS, TX 75234

LANDSCAPE
CEI ENGINEERING ASSOCIATES, INC.
3030 LBJ FREEWAY
SUITE 100
DALLAS, TX 75234

STRUCTURAL
HKS, INC.
350 N SAINT PAUL ST
SUITE 100
DALLAS, TX 75201

MEP
ROMINE, ROMINE & BURGESS, INC.
300 GREENLEAF ST
FORT WORTH, TX 76107

MARLIN

MARLIN ISD PRESS BOX
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MARLIN, TX 76661

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678 SUCCESS DR B
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Romine, Romine, & Burgess
Mechanical/Electrical Engineers
300 Greenleaf
Ft. Worth,
Texas 76107
817/336-4633
Registration #F-509
WWW.ROMINEINC.COM
RRB@ROMINEINC.COM
JOB# 2812

STATE OF TEXAS
JUSTIN K. ROBUCK
149465
REGISTERED
PROFESSIONAL ENGINEER

11/16/2023

REVISION

NO.	DESCRIPTION	DATE
1	ADDENDUM #3	12/11/23

HKS PROJECT NUMBER
26095.000
DATE
11/16/23
ISSUE
ISSUE FOR BID AND PERMIT
SHEET TITLE
ROOF PLAN - H.V.A.C.

SHEET NO.
M3.01

PLOT DATE:
12/11/2023 11:51:36 AM TEMPLATE VERSION: 23.0.4

GENERAL ELECTRICAL NOTES

1. INSTALL FUSIBLE DISCONNECT SWITCH, FUSED TO MAXIMUM FUSE SIZE ALLOWED BY UNIT NAMEPLATE, FOR ALL AIR CONDITIONING UNITS, UNLESS SHOWN OTHERWISE ON PLANS.

2. ALL ELECTRICAL DEVICES SUCH AS EXIT AND EMERGENCY LIGHTS, FIRE ALARM DEVICES, ETC., THAT ARE SUBJECT TO PHYSICAL DAMAGE IN AREAS SUCH AS GYMNASIUMS SHALL BE PROTECTED BY APPROVED WIRE GUARDS OR PROTECTIVE COVERS.

3. SPECIFICATIONS MAY REQUIRE SOME ITEMS, SUCH AS PULL AND JUNCTION BOXES, RECEPTACLES, SWITCHES, SHUNT TRIP DEVICES, GROUNDING SYSTEM COMPONENTS, CONTROLS COMPONENTS, FIRE ALARM DEVICES, ETC., TO BE INSTALLED THAT ARE NOT INDICATED ON PLANS. SPECIFICATIONS SHALL BE REVIEWED COMPLETELY AND ALL SUCH ITEMS SHALL BE INCORPORATED INTO THE BID.

4. MECHANICAL PLANS SHALL BE REVIEWED TO VERIFY EQUIPMENT REQUIREMENTS, LOCATIONS, QUANTITIES AND VOLTAGES. ALL DISCREPANCIES SHALL BE REPORTED PRIOR TO BID. CIRCUIT SIZES FOR A/C EQUIPMENT ARE INDICATED ON DRAWINGS AS A GUIDE FOR BIDDING PURPOSES. ELECTRICAL CONTRACTOR SHALL COORDINATE CIRCUIT SIZES WITH MECHANICAL CONTRACTOR FOR EQUIPMENT SUPPLIED PRIOR TO BID AND ACCOUNT FOR ANY VARIATIONS IN HIS BID. THERE SHALL BE NO ADDITIONAL COST TO OWNER FOR ANY VARIATIONS IN A/C EQUIPMENT CIRCUIT SIZES. INSTALLATION SHALL MEET EQUIPMENT NAMEPLATE AND N.E.C. REQUIREMENTS.

5. TECHNOLOGY PLANS SHALL BE REVIEWED COMPLETELY FOR WORK SUCH AS CONDUIT AND JUNCTION BOX ROUGH-IN ASSOCIATED WITH TELEPHONE, PUBLIC ADDRESS, LOCAL SOUND, DATA, ACCESS CONTROLS AND SECURITY SYSTEMS.

6. FOR LOW VOLTAGE WIRING SYSTEMS INSTALLATION, REFER TO SPECIFICATIONS SECTION 26 0529 AND DRAWING DETAIL "TYPICAL CONDUIT & LOW VOLTAGE EXPOSED WIRING INSTALLATION".

7. INSTALL A GREEN COLORED EQUIPMENT GROUND CONDUCTOR IN ALL RACEWAYS. REFER TO SPECIFICATIONS SECTION 26 0526 FOR ADDITIONAL INFORMATION.

8. ALL 120V AND 277V CIRCUITS SHALL BE INSTALLED WITH A DEDICATED INDIVIDUAL NEUTRAL CONDUCTOR CONNECTED TO THE PANELBOARD NEUTRAL BUS. SHARING OF NEUTRALS AMONG CIRCUITS ON HOME RUNS IS NOT ALLOWED.

9. PROVIDE POWER TO FIRE/SMOKE DAMPERS AS REQUIRED. VERIFY VOLTAGE AND REQUIREMENTS WITH MECHANICAL CONTRACTOR. LOCATIONS ARE SHOWN ON HVAC PLANS. REFER TO FIRE ALARM PLAN FOR ADDITIONAL REQUIREMENTS. ALLOW FOR A MINIMUM OF (1) 20A DEDICATED CIRCUIT TO SERVE FIRE/SMOKE DAMPERS AT EACH BUILDING SECTION.

10. IN RENOVATION AREAS, EXISTING J-BOXES AND CONDUIT IN GOOD CONDITION SHALL BE REUSED, ESPECIALLY IN BLOCK WALLS. SO AS TO AVOID SURFACE RACEWAY WHERE POSSIBLE. EXISTNG EQUIPMENT OR DEVICES, SUCH AS RECEPTACLES IN WALLS NOT AFFECTED BY NEW CONSTRUCTION, SHALL REMAIN OPERABLE. RECONNECT TO EXISTING CIRCUIT OR WITH NEAREST NEW CIRCUIT SHOWN IN ROOM AS REQUIRED WHERE EXISTING CIRCUIT IS INTERRUPTED.

11. ALL NEW CONDUIT AND WIRING SHALL BE INSTALLED CONCEALED ABOVE LAY-IN CEILING AND WITHIN NEW AND EXISTING WALLS. WHERE DEVICES ARE SHOWN IN EXISTING STUD WALLS, PROVIDE CUT-IN JUNCTION BOXES AND INSTALL MC CABLE WITHIN WALL CAVITY. WHERE DEVICES ARE SHOWN IN EXISTING BLOCK OR MASONRY WALLS AND THERE IS NO EXISTING J-BOX AND CONDUIT FOR REUSE, BOXES SHALL BE SURFACE MOUNTED AND WIRING SHALL BE CONCEALED IN SURFACE MOUNTED RACEWAY, WITH COLOR MATCHING THAT OF WALL, AS APPROVED BY ARCHITECT. PROVIDE ALL FITTINGS NECESSARY FOR COMPLETE INSTALLATION. REFER TO SPECIFICATIONS 26 0533 FOR RACEWAY REQUIREMENTS.

12. PROVIDE POWER TO IRRIGATION CONTROLLER(S) AND CONDUIT STUB-OUTS, AS REQUIRED, FOR IRRIGATION CONTROL WIRING. REFER TO IRRIGATION/LANDSCAPE PLANS FOR COMPLETE SCOPE OF WORK.

13. PROVIDE JUNCTION BOX AND CONDUIT ROUGH-IN FOR ENERGY MANAGEMENT SYSTEM (EMS) ROOM SENSORS. REFER TO MECHANICAL PLANS FOR QUANTITIES AND LOCATIONS. REFER TO HVAC SENSOR MOUNTING ROUGH-IN DETAIL ON ELECTRICAL DETAIL SHEET. CAREFULLY COORDINATE WITH EMS INSTALLER ALL LOCATIONS AND REQUIREMENTS PRIOR TO ROUGH-IN.

ELECTRICAL SYMBOL LEGEND

SYMBOL	DESCRIPTION
→	CONDUIT IN CEILING OR WALL CONSTRUCTION ARROW = HOMERUN
NL	LIGHTING FIXTURE - UNSWITCHED NIGHT LIGHT
C	LIGHTING FIXTURE - LETTER = TYPE
B	LIGHTING FIXTURE - LETTER = TYPE
B1	LIGHTING FIXTURE WITH INTEGRAL EMERGENCY - LETTER = TYPE
	EMERGENCY BATTERY PACK FIXTURE
	EXIT LIGHT, CEILING MOUNTED. SHADE INDICATES FACE(S). SEE FLOOR PLANS FOR DIRECTION ARROWS.
	EXIT LIGHT, WALL MOUNTED. SHADE INDICATES FACE(S). SEE FLOOR PLANS FOR DIRECTION ARROWS.
$ $2 $3 $4 $K	SWITCHES - SINGLE POLE, DOUBLE POLE, 3-WAY, 4-WAY, KEYED
$M	MOTOR RATED SWITCH
S	DIMMER SWITCH
4B LVS	LOW VOLTAGE LIGHTING CONTROL SWITCH. SEE LIGHTING CONTROL DETAILS.
WP	DUPLEX RECEPTACLE, WEATHERPROOF, FLOOR TYPE
WP	GROUND FAULT DUPLEX RECEPT.; WEATHER-RESISTANT W/ WEATHERPROOF COVER
GFCI	DUPLEX RECEPTACLE ABOVE COUNTER, UNDER COUNTER. VERIFY ELEVATION WITH ARCHITECT.
GFCI	SPLIT WIRED DUPLEX RECEPTACLE WITH ONE OUTLET MARKED "CONTROLLED"; SAME ABOVE COUNTER
	SPECIAL RECEPTACLE. (AS NOTED ON PLANS AND/OR PANEL SCHEDULE)
	DOUBLE DUPLEX (QUAD) RECEPT.
1 2	DUPLEX OR QUAD RECEPT. WITH GREY FACE FOR TECHNOLOGY POWER. SEE DETAILS.
C	DUPLEX RECEPTACLE WITH DUAL USB CHARGING OUTLETS
1 2	FLOOR BOX AS SPECIFIED WITH RECEPTACLE & ROUGH-IN FOR TECHNOLOGY SUPPORT
1 2	DUPLEX OR QUAD RECEPTACLE IN 2X2 CEILING PLATE/BOX & ROUGH-IN FOR TECH. SUPPORT
R	RELAY (SEE SPECIFICATIONS)
	ELECTRICAL PANEL , DIMMER PANEL, CONTROL PANEL, ETC.
	MOTOR, SIZED AS NOTED
J	SAFETY SWITCHES - FUSIBLE, NON-FUSIBLE
WP	WEATHERPROOF
●	JUNCTION BOX, 4X4 MINIMUM, WITH COVER AS REQUIRED FOR USE

*NOTE - LIGHTING CONTROLS SYMBOLS ARE SHOWN ON SEPARATE SYMBOL LEGEND.

FIRE ALARM SYMBOL LEGEND

SYMBOL	DESCRIPTION
WP	WEATHERPROOF
F	MANUAL PULL STATION
S H CO S	SMOKE DETECTOR, HEAT DETECTOR, CARBON MONOXIDE DETECTOR, DUCT DETECTOR
	WALL MOUNTED HORN OR SPEAKER WITH VISIBLE STROBE LIGHT
V	WALL MOUNTED VISIBLE STROBE LIGHT ONLY
	CEILING MOUNTED FIRE ALARM HORN OR SPEAKER WITH VISIBLE STROBE LIGHT
	CEILING MOUNTED FIRE ALARM VISIBLE STROBE LIGHT ONLY
DH	ELECTROMAGNETIC DOOR HOLD OPEN

IT 306

Panel: HP

CHARACTERISTICS	MOUNTING	MAINS RATING	MAINS TYPE	AIC RATING	ENCLOSURE
277/480V, 3PH, 4W	Surface	225 A	MCB	14,000	Type 1

FROM: PANEL DH

CIRCUIT	CIRCUIT DESCRIPTION	CONDUCTOR SIZE	CONDUIT SIZE	TRIP	POLES	A		B		C		POLES	TRIP	CONDUIT SIZE	CONDUCTOR SIZE	CIRCUIT DESCRIPTION	CIRCUIT
HP-1						9 A	17 A										HP-2
HP-3	RTAC #304 (3 TON)	3-#12, 1-#12	1/2"	20 A	3			9 A	17 A			3	30 A	3/4"	3-#10, 1-#10	RTAC #308 (7.5 TON)	HP-4
HP-5										9 A	17 A						HP-6
HP-7						11 A	3 A					1	20 A	1/2"	1-#12, 1-#12, 1-#12	LIGHTING - Press Box Corr, VIP, Stairs	HP-8
HP-9	RTAC #313 (5 TON)	3-#10, 1-#10	3/4"	30 A	3			11 A	2 A			1	20 A	1/2"	1-#12, 1-#12, 1-#12	LIGHTING - Press Box Suites & Rooms	HP-10
HP-11										11 A	3 A	1	20 A	1/2"	1-#12, 1-#12, 1-#12	LIGHTING - Mezzanine Level	HP-12
HP-13						50 A	2 A					1	20 A	1/2"	1-#12, 1-#12, 1-#12	EXTERIOR WALLPACK LIGHTS	HP-14
HP-15	ELEVATOR CONTROLLER	3-#1, 1-#6	2"	125 A	3			50 A	3 A			1	20 A	1/2"	1-#12, 1-#12, 1-#12	LIGHTING - Press Box Ground Level	HP-16
HP-17										50 A							HP-18
HP-19																	HP-20
HP-21																	HP-22
HP-23																	HP-24
HP-25						0 A	0 A					1	20 A	--	--	SPARE	HP-26
HP-27	SPARE	--	--	20 A	3			0 A	0 A			1	20 A	--	--	SPARE	HP-28
HP-29										0 A	0 A	1	20 A	--	--	SPARE	HP-30
				TOTAL LOAD:		25566 VA		25436 VA		24845 VA							
				TOTAL AMPS:		93 A		92 A		90 A							

IT 306

Panel: LM

CHARACTERISTICS	MOUNTING	MAINS RATING	MAINS TYPE	AIC RATING	ENCLOSURE
120/208V, 3PH, 4W	Surface	100 A	MCB	10,000	Type 1

FROM: PANEL DL

CIRCUIT	CIRCUIT DESCRIPTION	CONDUCTOR SIZE	CONDUIT SIZE	TRIP	POLES	A		B		C		POLES	TRIP	CONDUIT SIZE	CONDUCTOR SIZE	CIRCUIT DESCRIPTION	CIRCUIT
LM-1	EXH FAN #1	1-#12, 1-#12, 1-#12	1/2"	20 A	1	6 A	8 A					1	20 A	1/2"	1-#12, 1-#12, 1-#12	ELEVATOR CAB	LM-2
LM-3	EXH FAN #2	1-#12, 1-#12, 1-#12	1/2"	20 A	1			6 A	25 A			1	30 A	3/4"	1-#10, 1-#10, 1-#10	ELEC. HOT WATER HEATER CUST 304	LM-4
LM-5	RECEPTACLE - ROOF	1-#12, 1-#12, 1-#12	1/2"	20 A	1					3 A	9 A	1	20 A	1/2"	1-#12, 1-#12, 1-#12	ELEVATOR PIT SUMP PUMP (GFCI C/B)	LM-6
LM-7	HEAT TAPE FOR WATER PIPING	1-#12, 1-#12, 1-#12	1/2"	20 A	1	8 A	8 A					1	20 A	1/2"	1-#12, 1-#12, 1-#12	HEAT TAPE FOR WATER PIPING	LM-8
LM-9	RECEPTACLES & LIGHTS - ELEVATOR SHAFT	1-#12, 1-#12, 1-#12	1/2"	20 A	1			6 A	8 A			1	20 A	1/2"	1-#12, 1-#12, 1-#12	RECEPTACLE - GROUND LEVEL	LM-10
LM-11	WALL HEATER MECH RM 101	1-#12, 1-#12, 1-#12	1/2"	20 A	1					13 A	5 A	1	20 A	1/2"	1-#12, 1-#12, 1-#12	RECEPTACLE - MEZZANINE	LM-12
LM-13	RECEPTACLE - MEZZANINE	1-#12, 1-#12, 1-#12	1/2"	20 A	1	3 A	0 A					1	20 A	--	--	SPARE	LM-14
LM-15	SPARE	--	--	20 A	1			0 A	0 A			1	20 A	--	--	SPARE	LM-16
LM-17	REFRIGERATOR (GFCI BREAKER) KITCHEN 301	1-#12, 1-#12, 1-#12	1/2"	20 A	1					7 A	10 A	1	20 A	1/2"	1-#12, 1-#12, 1-#12	Appliance Receptacle KITCHEN 301	LM-18
LM-19	Appliance Receptacle KITCHEN 301	1-#12, 1-#12, 1-#12	1/2"	20 A	1	10 A	3 A					1	20 A	1/2"	1-#12, 1-#12, 1-#12	Receptacle KITCHEN 301	LM-20
LM-21	MOTORIZED ROLLER SHADES	1-#12, 1-#12, 1-#12	1/2"	20 A	1			10 A	6 A			1	20 A	1/2"	1-#12, 1-#12, 1-#12	MOTORIZED ROLLER SHADES	LM-22
LM-23	REFRIGERATOR (GFCI BREAKER) KITCHEN 301	1-#12, 1-#12, 1-#12	1/2"	20 A	1					7 A	10 A	1	20 A	1/2"	1-#12, 1-#12, 1-#12	APPLIANCE RECEPTACLE KITCHEN 301	LM-24
LM-25	Circulation Fan - Mezzanine	2-#10, 1-#10, 1-#10	3/4"	30 A	2	9 A	9 A					2	30 A	3/4"	2-#10, 1-#10, 1-#10	Circulation Fan - Mezzanine	LM-26
LM-27								9 A	9 A								LM-28
LM-29	Circulation Fan - Mezzanine	2-#10, 1-#10, 1-#10	3/4"	30 A	2					9 A	19 A	2	30 A	3/4"	2-#10, 1-#10	THRU-WALL HEAT PUMP ELEV LOBBY	LM-30
LM-31						9 A	19 A										LM-32
LM-33																	LM-34
LM-35																	LM-36
LM-37	SPARE	--	--	30 A	2	0 A	0 A					1	20 A	--	--	SPARE	LM-38
LM-39								0 A	0 A			1	20 A	--	--	SPARE	LM-40
LM-41	SPARE	--	--	20 A	1					0 A	0 A	1	20 A	--	--	SPARE	LM-42
				TOTAL LOAD:		10342 VA		8656 VA		10445 VA							
				TOTAL AMPS:		88 A		72 A		89 A							

IT 306

Panel: LP

CHARACTERISTICS	MOUNTING	MAINS RATING	MAINS TYPE	AIC RATING	ENCLOSURE
120/208V, 3PH, 4W	Surface	100 A	MCB	10,000	Type 1

FROM: PANEL DL

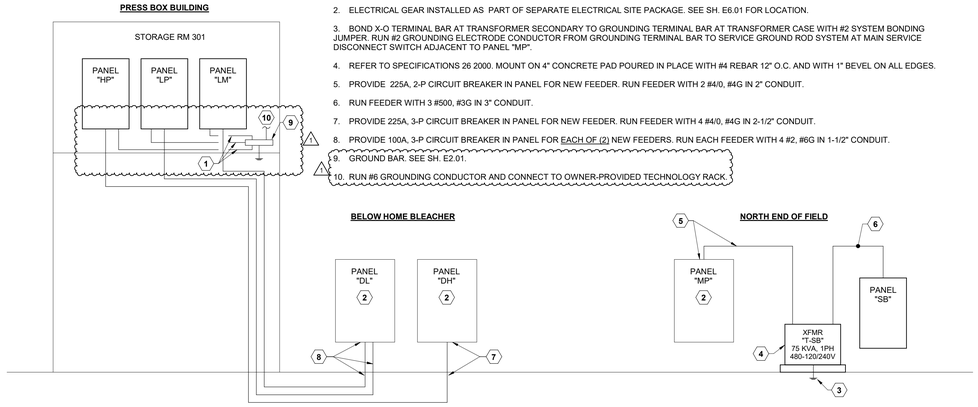
CIRCUIT	CIRCUIT DESCRIPTION	CONDUCTOR SIZE	CONDUIT SIZE	TRIP	POLES	A		B		C		POLES	TRIP	CONDUIT SIZE	CONDUCTOR SIZE	CIRCUIT DESCRIPTION	CIRCUIT
LP-1	RECEPTACLE CORR, 3S1	1-#12, 1-#12, 1-#12	1/2"	20 A	1	5 A	3 A					1	20 A	1/2"	1-#12, 1-#12, 1-#12	Receptacle Room 306, 304	LP-2
LP-3	Receptacle Room 305, 302, 303	1-#12, 1-#12, 1-#12	1/2"	20 A	1			3 A	6 A			1	20 A	1/2"	1-#12, 1-#12, 1-#12	Receptacle VISITOR 308	LP-4
LP-5	Receptacle OFFICE 307	1-#12, 1-#12, 1-#12	1/2"	20 A	1					9 A	5 A	1	20 A	1/2"	1-#12, 1-#12, 1-#12	Receptacle ANNOUNCER 310	LP-6
LP-7	Receptacle BROADCAST RM 309	1-#12, 1-#12, 1-#12	1/2"	20 A	1	6 A	6 A					1	20 A	1/2"	1-#12, 1-#12, 1-#12	Receptacle SUITE 312	LP-8
LP-9	Receptacle HOME 311	1-#12, 1-#12, 1-#12	1/2"	20 A	1			6 A	9 A			1	20 A	1/2"	1-#12, 1-#12, 1-#12	QUAD RECEPTACLE BROADCAST RM 309	LP-10
LP-11	QUAD RECEPTACLE VISITOR 308	1-#12, 1-#12, 1-#12	1/2"	20 A	1					9 A	14 A	1	20 A	1/2"	1-#12, 1-#12, 1-#12	QUAD RECEPTACLE HOME 311	LP-12
LP-13	QUAD RECEPTACLE ANNOUNCER 310	1-#12, 1-#12, 1-#12	1/2"	20 A	1	9 A	6 A					1	20 A	1/2"	1-#12, 1-#12, 1-#12	QUAD RECEPTACLE VIP SUITE 313	LP-14
LP-15	QUAD RECEPTACLE SUITE 312	1-#12, 1-#12, 1-#12	1/2"	20 A	1			9 A	8 A			1	20 A	1/2"	1-#12, 1-#12, 1-#12	RECEPTACLE VIP SUITE 313	LP-16
LP-17	RECEPTACLE VIP SUITE 313	1-#12, 1-#12, 1-#12	1/2"	20 A	1					5 A	8 A	1	20 A	1/2"	1-#12, 1-#12, 1-#12	TECHNOLOGY RACK IT 306	LP-18
LP-19	Appliance Receptacle VIP SUITE 313	1-#12, 1-#12, 1-#12	1/2"	20 A	1	10 A	8 A					1	20 A	1/2"	1-#12, 1-#12, 1-#12	TECHNOLOGY RACK IT 306	LP-20
LP-21	Appliance Receptacle VIP SUITE 313	1-#12, 1-#12, 1-#12	1/2"	20 A	1			10 A	3 A			1	20 A	1/2"	1-#12, 1-#12, 1-#12	FIRE ALARM IT 306	LP-22
LP-23	BACKLIT LETTERING SIGNAGE	1-#10, 1-#10, 1-#10	1/2"	20 A	1					15 A	5 A	1	20 A	1/2"	1-#12, 1-#12, 1-#12	Lighting Contactor STORAGE 305	LP-24
LP-25	BACKLIT LETTERING SIGNAGE	1-#12, 1-#12, 1-#12	1/2"	20 A	1	10 A	7 A					1	20 A	1/2"	1-#12, 1-#12, 1-#12	BACKLIT LETTERING SIGNAGE	LP-26
LP-27	BACKLIT LETTERING SIGNAGE	1-#12, 1-#12, 1-#12	1/2"	20 A	1			8 A	1 A			1	20 A	1/2"	1-#12, 1-#12, 1-#12	EXTERIOR TAPE LIGHT	LP-28
LP-29	BACKLIT LOGO SIGNAGE	1-#12, 1-#12, 1-#12	1/2"	20 A	1					5 A	1 A	1	20 A	1/2"	1-#12, 1-#12, 1-#12	EXTERIOR TAPE LIGHT - LOGO CIRCLE	LP-30
LP-31																	LP-32
LP-33																	LP-34
LP-35																	LP-36
LP-37	SPARE	--	--	20 A	1	0 A	0 A					1	20 A	--	--	SPARE	LP-38
LP-39	SPARE	--	--	20 A	1			0 A	0 A			1	20 A	--	--	SPARE	LP-40
LP-41	SPARE	--	--	20 A	1					0 A	0 A	1	20 A	--	--	SPARE	LP-42
				TOTAL LOAD:		8340 VA		7546 VA		9033 VA							
				TOTAL AMPS:		71 A		63 A		76 A							

Panel: SB

Voltage	Mounting	Mains Raiting	Mains Type	A.I.C. Rating:	Enclosure
120/240V, 1PH, 3W	Surface	400 A	MCB	10,000	Type 3R

From: XFMR T-SB

CKT	Circuit Description	Wire Size	Conduit Size	Trip	Poles	A	B	A	B	Poles	Trip	Conduit Size	Wire Size	Circuit Description	CKT
SB-1	SCOREBOARD LED CABINET - ROW 1	2-#6, 1-#10	1"	50 A	2	4200 VA		4200 VA		2	50 A	1"	2-#6, 1-#10	SCOREBOARD LED CABINET - ROW 2	SB-2
SB-3							4200 VA		4200 VA						SB-4
SB-5	SCOREBOARD LED CABINET - ROW 3	2-#6, 1-#10	1"	50 A	2	4200 VA		4200 VA		2	50 A	1"	2-#6, 1-#10	SCOREBOARD LED CABINET - ROW 4	SB-6
SB-7							4200 VA		4200 VA						SB-8
SB-9	SCOREBOARD LED CABINET - ROW 5	2-#6, 1-#10	1"	50 A	2	4200 VA		4200 VA		2	50 A	1"	2-#6, 1-#10	SCOREBOARD LED CABINET - ROW 6	SB-10
SB-11							4200 VA		4200 VA						SB-12
SB-13	SCOREBOARD LED CABINET - ROW 7	2-#6, 1-#10	1"	50 A	2	4200 VA		4200 VA		2	50 A	1"	2-#6, 1-#10	SCOREBOARD LED CABINET - ROW 8	SB-14
SB-15							4200 VA		4200 VA						SB-16
SB-17	RECEPTACLE AT SCOREBOARD	1-#12, 1-#12, 1-#12	3/4"	20 A	1	180 VA									SB-18
SB-19															SB-20
SB-21															SB-22
SB-23	SPARE	--	--	20 A	1		0 VA		0 VA	1	20 A	--	--	SPARE	SB-24
SB-25	SPARE	--	--	20 A	1	0 VA		0 VA		1	20 A	--	--	SPARE	SB-26
SB-27	SPARE	--	--	50 A	2		0 VA		0 VA	2	50 A	--	--	SPARE	SB-28
SB-29						0 VA		0 VA							SB-30
				Total Load:		33780 VA			33600 VA						
				Total Amps:		282 A			280 A						



RISER DIAGRAM NOTES BY SYMBOL:

1. CONNECT EQUIPMENT GROUND BAR TO GROUNDING ELECTRODE AS REQUIRED BY NEC FOR SEPARATE BUILDINGS AND STRUCTURES AND AS SHOWN IN GROUNDING INSTALLATION DETAIL, EXCEPT DO NOT PROVIDE NEUTRAL TO CASE BOND AT PANEL.
2. ELECTRICAL GEAR INSTALLED AS PART OF SEPARATE ELECTRICAL SITE PACKAGE. SEE SH. E6.01 FOR LOCATION.
3. BOND X-O TERMINAL BAR AT TRANSFORMER SECONDARY TO GROUNDING TERMINAL BAR AT TRANSFORMER CASE WITH #2 SYSTEM BONDING JUMPER. RUN #2 GROUNDING ELECTRODE CONDUCTOR FROM GROUNDING TERMINAL BAR TO SERVICE GROUND ROD SYSTEM AT MAIN SERVICE DISCONNECT SWITCH ADJACENT TO PANEL "MP".
4. REFER TO SPECIFICATIONS 26 2000. MOUNT ON 4" CONCRETE PAD POURED IN PLACE WITH #4 REBAR 12" O.C. AND WITH 1" BEVEL ON ALL EDGES.
5. PROVIDE 225A, 2-P CIRCUIT BREAKER IN PANEL FOR NEW FEEDER. RUN FEEDER WITH 2 #4/0, #4G IN 2" CONDUIT.
6. RUN FEEDER WITH 3 #500, #3G IN 3" CONDUIT.
7. PROVIDE 225A, 3-P CIRCUIT BREAKER IN PANEL FOR NEW FEEDER. RUN FEEDER WITH 4 #4/0, #4G IN 2-1/2" CONDUIT.
8. PROVIDE 100A, 3-P CIRCUIT BREAKER IN PANEL FOR EACH OF (2) NEW FEEDERS. RUN EACH FEEDER WITH 4 #2, #6G IN 1-1/2" CONDUIT.
9. GROUND BAR. SEE SH. E2.01.
10. RUN #6 GROUNDING CONDUCTOR AND CONNECT TO OWNER-PROVIDED TECHNOLOGY RACK.

ELECTRICAL RISER DIAGRAM

NO SCALE

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HKS, INC.
350 N SAINT PAUL ST
SUITE 100
DALLAS, TX 75201

CIVIL ENGINEER
CEI ENGINEERING ASSOCIATES, INC.
3030 LBJ FREEWAY
SUITE 100
DALLAS, TX 75234

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CEI ENGINEERING ASSOCIATES, INC.
3030 LBJ FREEWAY
SUITE 100
DALLAS, TX 75234

STRUCTURAL
HKS, INC.
350 N SAINT PAUL ST
SUITE 100
DALLAS, TX 75201

MEP
ROMINE, ROMINE & BURGESS, INC.
300 GREENLEAF ST
FORT WORTH, TX 76107

MARLIN

MARLIN ISD PRESS BOX
678 SUCCESS DR B
MARLIN, TX 76661

OWNER
MARLIN ISD
678 SUCCESS DR B
MARLIN, TX 76661

Romine, Romine, & Burgess
Mechanical/Electrical Engineers
300 Greenleaf
Ft. Worth,
Texas 76107
817/336-4633
Registration #F-509
WWW.ROMINEINC.COM
RRB@ROMINEINC.COM
JOB# 2812

STATE OF TEXAS
L. LANCE MORROW
92633
LICENSED
PROFESSIONAL ENGINEER
11/16/2023

REVISION

NO.	DESCRIPTION	DATE
1	ADDENDUM #3	12/11/23

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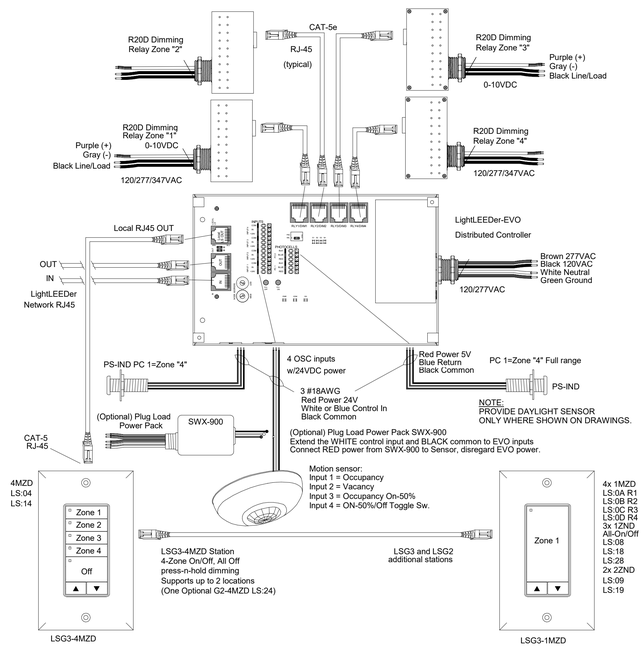
11/16/23
ISSUE
ISSUE FOR BID AND PERMIT
SHEET TITLE
ELECTRICAL SCHEDULES, SYMBOL LEGENDS AND DETAILS

E1.01

(F1) LL-EVO 1-Room, 4-Zone, 1-Daylight Zone



LightLeeder EVO panel used for controlling 1 room with 4 zones.
Remotely mounted R20D relays, for Open Office spaces.
Two daylight sensor inputs w/independent zone settings, motion sensor inputs for Occupancy/Vacancy/Occ-ON 50% and optional hardwire 2-wire toggle switch.
Optional plug-load relay, LightSync digital Multi-Zone Dimmer stations press-n-hold dimming. Supports power for 1 to 8 LightSync input devices.

(F1) LL-EVO Lighting Application Sheet
1-Room, 4-Zone, 1-Daylight Zone
LightLEEDer EVO Distributed Controller

DETAIL - TYPICAL ROOM LIGHTING CONTROLS WIRING DIAGRAM

NO SCALE:

LIGHTING CONTROLS SYSTEM – GENERAL SCOPE OF WORK AND OPERATION

1. SYSTEM SHALL BE NON-NETWORKED.

2. SYSTEM SHALL CONTROL INTERIOR FIXTURES ONLY. ALL EXTERIOR FIXTURES SHALL BE CONTROLLED AS NOTED ON LIGHTING PLANS.

3. SEE FLOOR PLANS FOR CONTROL ZONES (a, b, c… etc.). WHERE NO ZONES ARE SHOWN, ASSUME A SINGLE ZONE.

4. ALL OCCUPANCY SENSOR DEVICES SHALL BE SET TO "VACANCY" MODE EXCEPT FOR MULTI-USER RESTROOMS, CORRIDOR, VIP SUITE AND MECHANICAL ROOMS WHICH SHALL BE SET TO "OCCUPANCY" MODE.

GENERAL NOTES (LIGHTING CONTROLS)

FINAL DETERMINATION OF CIRCUITING, VOLTAGE AND QUANTITY OF ROOM CONTROLLERS REQUIRED BY MANUFACTURER. SETTING OF SENSITIVITY/TIME ADJUSTMENTS ARE THE RESPONSIBILITY OF THE INSTALLING CONTRACTOR AND/OR COMMISSIONING AGENT. MANUFACTURER'S INSTALLATION INSTRUCTIONS SHOULD BE ADHERED TO.

1. ALL SENSOR LOCATIONS ARE APPROXIMATE. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS PRIOR TO INSTALLATION. IF PENDANT MOUNTED FIXTURES ARE PRESENT, LOCATION AND COVERAGE OF SENSORS SHOULD BE REVIEWED.

2. ALL CEILING MOUNT SENSORS REQUIRE THEY BE LOCATED NO CLOSER THAN 6' TO AIR SUPPLY/ RETURN REGISTERS.

3. CONTRACTOR IS RESPONSIBLE FOR PROPER SENSITIVITY AND TIME DELAY SETTINGS (SET TO 15 MINUTE TIME DELAY SETTING). VERIFICATION OF MANUFACTURER'S RECOMMENDED PLACEMENT, AND FIELD VERIFICATION OF CIRCUITS WITH RESPECT TO ROOM CONTROLLER PLACEMENT.

4. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF REQUIRED NUMBER OF ROOM CONTROLLERS.

A. AT LEAST ONE ROOM CONTROLLER IS REQUIRED FOR EACH CIRCUIT THAT IS TO BE CONTROLLED.

B. MULTIPLE SENSORS CAN BE USED ON ONE ROOM CONTROLLER. CHECK MANUFACTURER'S DATA SHEET FOR EXACT NUMBER.

5. REFER TO LIGHTING CONTROLS SHOP DRAWINGS OBTAINED FROM MANUFACTURER FOR INSTALLATION DETAILS. CONTRACTOR SHALL FOLLOW MANUFACTURER'S RECOMMENDED INSTRUCTIONS REGARDING INSTALLATION OF SENSORS, SWITCHES AND ROOM CONTROLLERS.

6. ALL DIMMED CIRCUITS REQUIRE A DEDICATED NEUTRAL.

LIGHTING CONTROLS SYMBOL LEGEND

SYMBOL	DESCRIPTION
RC	0 - 10V DIGITAL DIMMING ROOM CONTROLLER WITH NUMBER OF RELAYS AS REQUIRED. "ILC" R20D
RCN	ON/OFF NON-DIMMING DIGITAL ROOM CONTROLLER WITH NUMBER OF RELAYS AS REQUIRED. "ILC" R2D
B3 B4 B5	LOW VOLTAGE DIGITAL SWITCH WITH DIMMING CONTROLS AND ZONE CONTROL BUTTONS. "ILC" LSG3-WH-X-MZD
DS	LOW VOLTAGE DIGITAL DIMMING WALL SWITCH, ONE BUTTON. "ILC" LSG3-WH-1-MZD
LVS	LOW VOLTAGE DIGITAL MANUAL ON/OFF WALL SWITCH, NUMBER OF BUTTONS AS REQUIRED. "ILC" LSG3-WH-1
LVS K	LOW VOLTAGE DIGITAL KEYED MANUAL ON/OFF WALL SWITCH, NUMBER OF BUTTONS AS REQUIRED. "ILC" LSKS-MOM
OSP	CEILING MOUNT PIR OCCUPANCY SENSOR WITH 2,000 FT² LARGE MOTION 360 DEG COVERAGE. "ILC" ILC-SWX-202-1
OSD	CEILING MOUNT DUAL TECHNOLOGY OCCUPANCY SENSOR WITH 2,000 FT² LARGE MOTION 360 DEG COVERAGE. "ILC" ILC-SWX-222-1
OSP	WIDE VIEW 120 DEG PIR OCCUPANCY SENSOR WITH 70' LARGE MOTION COVERAGE. "ILC" ILC-SWX-401-1
OSD	WIDE VIEW 120 DEG DUAL TECHNOLOGY OCCUPANCY SENSOR WITH 40' SMALL MOTION COVERAGE. "ILC" ILC-SWX-421-1
PS	ANALOG TO DIGITAL INDOOR PHOTO SENSOR. "ILC" PS-IND
PW	DUAL TECHNOLOGY WALL SWITCH OCCUPANCY SENSOR WITH 625 FT² SMALL MOTION COVERAGE. "ILC" ILC-SWX-121-1-WH
PWD	0 - 10V DIMMING DUAL TECH WALL SWITCH OCCUPANCY SENSOR WITH 625 FT² SMALL MOTION COVERAGE. "ILC" ILC-SWX-121-1-D-WH

LIGHTING FIXTURE SCHEDULE

CHARACTERISTICS	TYPE MARK	DESCRIPTION	MODEL
LED 4,500 LUM 4000K 35W	A	2 X 4 ARCHITECTURAL LAY-IN LED TROFFER, STANDARD ELECTRONIC 0-10V DIMMING DRIVER, STEEL HOUSING AND REFLECTOR WITH MATTE WHITE PAINT, FROSTED ACRYLIC CURVE CENTER LENS, DLC QUALIFIED AND UNIVERSAL VOLTAGE.	"METALUX" # 24CZ2-45-UNV-L840-CD1
LED 4,500 LUM 4000K 35W	A1	SAME AS FIXTURE TYPE "A" EXCEPT WITH 14W EMERGENCY BATTERY BACKUP.	"METALUX" # 24CZ2-45-UNV-EL14W-L840-CD1
LED 5,500 LUM 4000K 41W	A2	2 X 4 ARCHITECTURAL LAY-IN LED TROFFER, STANDARD ELECTRONIC 0-10V DIMMING DRIVER, STEEL HOUSING AND REFLECTOR WITH MATTE WHITE PAINT, FROSTED ACRYLIC CURVE CENTER LENS, DLC QUALIFIED AND UNIVERSAL VOLTAGE.	"METALUX" # 24CZ2-55-UNV-L840-CD1
LED 5,500 LUM 4000K 41W	A3	SAME AS FIXTURE TYPE "A2" EXCEPT WITH 14W EMERGENCY BATTERY BACKUP.	"METALUX" # 24CZ2-55-UNV-EL14W-L840-CD1
LED 4000K 795 LUM/FT 6.8 W/FT	B	4' NARROW EXTRUDED ALUMINUM 4" LINEAR DIRECT LED WITH CONTINUOUS FROSTED ACRYLIC LENS, RECESSED GYP BOARD CEILING MOUNTING, MATTE WHITE HOUSING FINISH, DLC QUALIFIED AND STANDARD 0-10V DIMMING.	"NEORAY" # S124DR-S-795D-840-GYP-4F0-1-U-DD-F-W
LED 4000K 795 LUM/FT 6.8 W/FT	B1	SAME AS FIXTURE TYPE "B" EXCEPT WITH 14W EMERGENCY BATTERY BACKUP.	"NEORAY" # S124DR-S-795D-840-GYP-4F0-1-U-DD-F-W-EL14
LED 4000K 1,500 LUM 14W	C	4" LED DOWNLIGHT, ALZAK REFLECTOR, 0-10V UNIVERSAL VOLTAGE ELECTRONIC DRIVER, DAMP/WET LOCATION LISTED.	"HALO COMMERCIAL" # HC4-15-D010-HM4-0525-840-41-MD-C
LED 4000K 1,500 LUM 14W	CE	SAME AS FIXTURE TYPE "C" EXCEPT WITH 14W EMERGENCY BATTERY BACKUP WITH REMOTE TEST AND INDICATOR LIGHT.	"HALO COMMERCIAL" # HC4-15-D010-REM14-HM4-0525-840-41-MD-C
LED 5,880 LUM, 4000K, 46W	D	SURFACE 4' LED STRIP WITH FULL ENDS, WITH CHAIN HANGER ASSEMBLY, STANDARD ELECTRONIC 0-10 DIMMING DRIVER. FROSTED LENS AND UNIVERSAL VOLTAGE. VERIFY MOUNTING WITH ARCHITECT, CHAIN OR SURFACE.	"METALUX" #4SNLED-LD5-56SL-LN-UNV-L840-CD-1-U-AYC-CHAIN/SNF-4FT
LED 4900 LUM, 4000K, 45W	F	4' LED LENSED SURFACE MOUNT WITH HEAVY-DUTY STEEL HOUSING, DECORATIVE INJECTION MOLDED WHITE ENDPLATES, FULL FROST LENS, 0-10V DIMMING DRIVER, UNIVERSAL VOLTAGE, DAMP LOCATION LISTED, INTEGRAL OCCUPANCY SENSOR, DLC QUALIFIED.	"METALUX" # 4SWLED-48HL-LW-UNV-L840-CD1-SVPD2
LED 4900 LUM, 4000K, 45W	F1	SAME AS FIXTURE TYPE "F" EXCEPT WITH 14W EMERGENCY BATTERY PACK.	"METALUX" # 4SWLED-48HL-LW-UNV-EL14W-L840-CD1-SVPD2
LED 4000K 5,273 LUM 39W	G	SURFACE MOUNT LED LUMINAIRE, WIDE DISTRIBUTION, DIE-CAST ALUMINUM HOUSING, IP66 RATED, FINISH TO BE SELECTED BY ARCHITECT.	"METALUX" # TT-D2-740-U-WQ-XX
LED 4000K 5,273 LUM 39W	G1	SAME AS FIXTURE TYPE "G" EXCEPT WITH LED EMERGENCY BATTERY BACK-UP.	"METALUX" # TT-D2-740-U-WQ-XX-IBP-277V
LED 11,927 LUM 4000K 86W	H	WALL MOUNTED LED PERIMETER LIGHT, WET LOCATION LISTED, DIECAST ALUMINUM HOUSING AND DOOR, INDIVIDUAL ACRYLIC LED OPTICS, TYPE 4 DISTRIBUTION, DLC QUALIFIED, FINISH TO BE SELECTED BY ARCHITECT.	"McGRAW - EDISON" #GWC-SA2-B-740-U-SL4-XX
1 LED 6,104 LUM 4000K 44W	HE	SAME AS FIXTURE TYPE "H" EXCEPT LOWER LUMEN OUTPUT, TYPE 3 OPTICS AND WITH EMERGENCY BATTERY PACK.	"McGRAW - EDISON" #GWC-SA1-B-740-U-SL3-XX-CBP
LED 4000K 42,580 LUM. 333W	P	TWO (2) LED CUT-OFF LUMINAIRES AT 180 DEG., DIE-CAST ALUMINUM HOUSING, ANSI TYPE 4FT OPTICS, LED OPTICAL SYSTEM, MOTION DIMMING CONTROL, DLC QUALIFIED, ON 35' ROUND TAPERED STEEL POLE. BRONZE FINISHES.	"MCGRAW" # (2) GLEON-SA6-C-740-U-T4FT-BZ-MS/DIM-L40W/RTS8A35SFN2
1 LED 3500K 60 LUM/FT 1.2 W/FT	T1	DIFFUSED, NEON-LIKE LED TAPE LIGHT, IP65 RATED FOR WET LOCATION, UV STABILIZED, 24V REMOTE DIMMABLE DRIVER. LENGTH IS APPROX. 35'. SEE ARCHITECTURAL PLANS FOR VERIFICATION OF LENGTH AND MOUNTING LOCATION.	"DIODELED" # DI-24V-NBL1-35-35'(VERIFY)-CHN/DI-TE-NB-MTCH-AL-ELV-FACTORY ASSEMBLY/DRIVER-DI-ODX-24V120VW-J/CONNECTOR-DI-TE-NB-STWC-EC
1 LED 3500K 60 LUM/FT 1.2 W/FT	T2	DIFFUSED, NEON-LIKE LED TAPE LIGHT, IP65 RATED FOR WET LOCATION, UV STABILIZED, 24V REMOTE DIMMABLE DRIVER. CONFIGURE TAPE LIGHT IN CIRCLE, CIRCUMFERENCE IS APPROX. 60'. SEE ARCHITECTURAL PLANS FOR VERIFICATION OF LENGTH AND MOUNTING LOCATION.	"DIODELED" # DI-24V-NBL1-35-60'(VERIFY)-CHN/DI-TE-NB-FLCH-WH-AL-ELV-FACTORY ASSEMBLY/DRIVER-DI-ODX-24V120VW-J/CONNECTOR-DI-TE-NB-STWC-EC
LED LAMP PANEL	X	UNIVERSAL MOUNT LED EXIT WITH 2 FACES, BACKPLATE AND CANOPY, WHITE THERMOPLASTIC HOUSING, RED LETTERS, NICKEL CADMIUM BATTERY, UNIVERSAL ARROWS. (SEE FLOOR PLAN FOR ARROW DIRECTIONS AND WALL OR CEILING MOUNT).	"EVENLITE" #TLX-EM-RU-W

LIGHTING FIXTURE SCHEDULE NOTES:

1. LIGHTING AGENCIES PRE-APPROVED TO PROVIDE LIGHT FIXTURE PACKAGE ARE THOSE REPRESENTING THE FOLLOWING LED TROFFER MANUFACTURERS: "COLUMBIA", "METALUX", "DAY-BRITE", "CREE" AND "LITHONIA". WHERE ONLY ONE PART NUMBER IS INDICATED FOR A PARTICULAR FIXTURE TYPE, "EQUIVALENT" FIXTURE REPRESENTED BY THE PRE-APPROVED LIGHTING AGENCIES MAY BE UTILIZED. FIXTURES THAT ARE MORE FUNCTIONAL THAN AESTHETIC MAY BE SUPPLIED AS LONG AS THE PERFORMANCE AND CONSTRUCTION IS COMPARABLE TO THE SPECIFIED FIXTURE. SPECIALTY FIXTURES (THOSE THAT HAVE AESTHETIC VALUE TO THE ARCHITECTURAL SCHEME SUCH AS SCONCES, PENDANTS, POLE FIXTURES, BOLLARDS, ETC.) SHALL VERY CLOSELY MATCH THE SPECIFIED FIXTURES. THESE "EQUIVALENT" FIXTURES MAY BE SUBMITTED FOR PRE-APPROVAL TO ASSURE ACCEPTANCE ON FORMAL SUBMITTAL.

2. EQUIVALENT FIXTURES SHALL HAVE LUMEN PACKAGES WITHIN 10% OF SPECIFIED FIXTURE LUMEN OUTPUT.

3. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

4. LIGHT FIXTURES EQUIPPED WITH EMERGENCY PACKS SHALL BE UNIVERSAL VOLTAGE OR SHALL BE FACTORY WIRED FOR SCHEDULED VOLTAGE. CONTRACTOR SHALL COORDINATE VOLTAGE OF EACH FIXTURE TYPE CAREFULLY WITH LIGHTING AGENCY AND/OR DISTRIBUTOR PRIOR TO ORDER.

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ARCHITECT
HKS, INC.
350 N SAINT PAUL ST
SUITE 100
DALLAS, TX 75201

CIVIL ENGINEER
CEI ENGINEERING ASSOCIATES, INC.
3030 LBJ FREEWAY
SUITE 100
DALLAS, TX 75234

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CEI ENGINEERING ASSOCIATES, INC.
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SUITE 100
DALLAS, TX 75234

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HKS, INC.
350 N SAINT PAUL ST
SUITE 100
DALLAS, TX 75201

MEP
ROMINE, ROMINE & BURGESS, INC.
300 GREENLEAF ST
FORT WORTH, TX 76107

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MARLIN ISD PRESS BOX
678 SUCCESS DR B
MARLIN, TX 76661

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MARLIN ISD
678 SUCCESS DR B
MARLIN, TX 76661

Romine, Romine, & Burgess
Mechanical/Electrical Engineers
300 Greenleaf
Ft. Worth,
Texas 76107
817/336-4653
Registration #F-509
WWW.ROMINEINC.COM
RRB@ROMINEINC.COM
JOB# 2012

STATE OF TEXAS
L. LANCE MORROW
92633
LICENSED
PROFESSIONAL ENGINEER
11/16/2023

REVISION

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1	ADDENDUM #3	12/11/23

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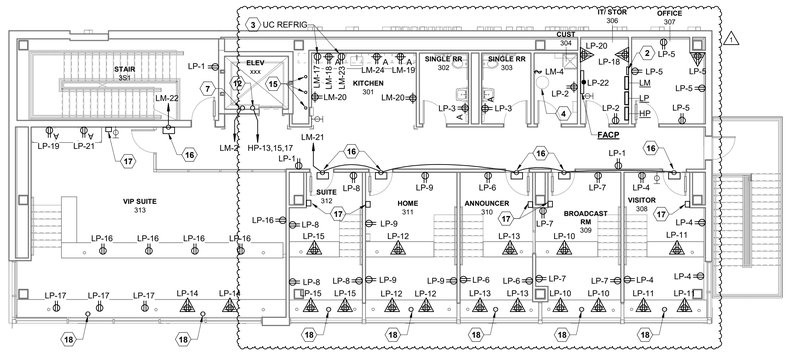
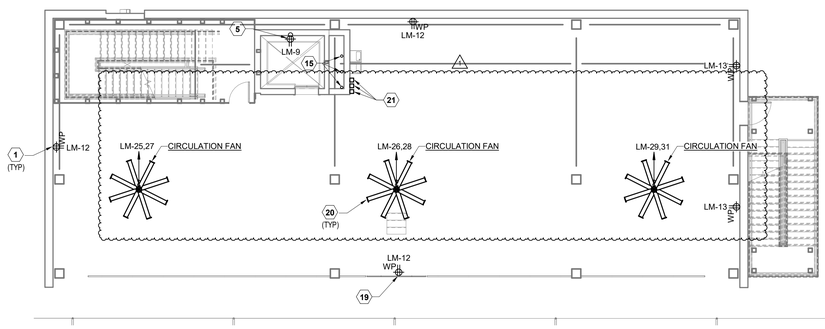
LIGHTING CONTROLS DETAILS AND SYMBOL LEGEND

E1.03



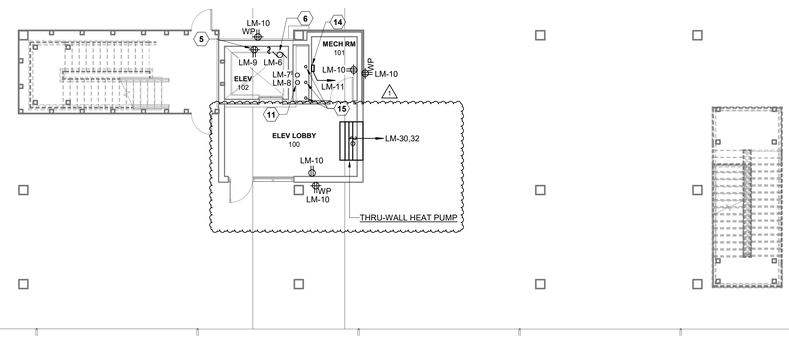
3 FLOOR PLAN - PRESSBOX LEVEL - POWER

1/8" = 1'-0"



2 FLOOR PLAN - MEZZANINE LEVEL - POWER

1/8" = 1'-0"



1 FLOOR PLAN - GROUND LEVEL - POWER

1/8" = 1'-0"

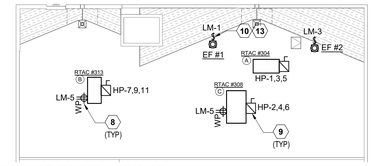
GENERAL NOTES (ROOF PLAN):

A. COORDINATE LOCATION OF UNIT MOUNTED DISCONNECT SWITCHES AND RECEPTACLES WITH MECHANICAL CONTRACTOR. DO NOT MOUNT TO UNIT ACCESS PANELS OR NAMEPLATES.

B. CONDUIT TO ROOFTOP EQUIPMENT SHALL BE RUN THROUGH ROOF CURB IN LOCATION DESIGNATED BY MANUFACTURER FOR ELECTRICAL. MAKE CONNECTION TO EQUIPMENT WITH FLEXIBLE MOISTURE PROOF CONDUIT WITH ADEQUATE SLACK, TERMINATED SECURELY TO J-BOX INSIDE EQUIPMENT. SEAL ANY OPENINGS WITH WEATHERPROOF SEALANT.

C. PROVIDE CIRCUIT NAMEPLATE ON DISCONNECT SWITCH AS INDICATED ON PANELBOARD NAMEPLATE DETAIL.

D. ALL EXHAUST FANS, UNLESS NOTED OTHERWISE, TO BE CONTROLLED BY EMS. CONTRACTOR TO INSTALL STARTED (PROVIDED BY MECHANICAL) FOR ALL EMS CONTROLLED EXHAUST FANS AT LOCATION DESIGNATED BY MECHANICAL.



4 ROOF PLAN - POWER

1/16" = 1'-0"

NOTES BY SYMBOL:

1. WEATHER-RESISTANT TYPE GFCI RECEPTACLE WITH IN-USE WEATHERPROOF COVER AS SPECIFIED.
2. PROVIDE WALL MOUNTED GROUND BAR FOR GROUNDING ELECTRODE SYSTEM AS SPECIFIED IN 26 0526 AND SHOWN IN GROUNDING INSTALLATION DETAIL.
3. RECEPTACLE SHALL BE FED FROM GFCI CIRCUIT BREAKER.
4. ELECTRIC WATER HEATER. PROVIDE 30A AC SNAP SWITCH FOR DISCONNECT SWITCH AND CONNECT POWER.
5. MOUNT RECEPTACLE IN ELEVATOR PIT AT 18" AFF AND AT MID-POINT OF HOISTWAY, ON DEDICATED CIRCUIT DOWNSTREAM OF PIT LIGHTING.
6. PROVIDE MOTOR RATED AC SNAP DISCONNECT SWITCH FOR ELEVATOR SUMP PUMP. PUMP TO BE CONTROLLED BY INTEGRAL FLOAT SWITCH.
7. 20A, 1-P LOCKABLE DISCONNECT SWITCH FOR ELEVATOR CAR LIGHTING AND FAN. EXTEND CIRCUIT TO ELEVATOR CONTROLLER AND CONNECT AS REQUIRED. PROVIDE PHENOLIC NAMEPLATE READING "CAR LIGHTING AND FAN".
8. WEATHER-RESISTANT TYPE G.F.C.I. RECEPTACLE WITH IN-USE WEATHERPROOF COVER AS SPECIFIED.
9. PROVIDE NEMA 3R FUSIBLE SAFETY SWITCH FOR DISCONNECT, FUSED TO MAXIMUM SIZE ALLOWED (MAX. OVERCURRENT PROTECTION, MOCP) BY UNIT NAMEPLATE. FUSE SIZE WILL LIKELY BE SMALLER THAN BREAKER SIZE AND MUST BE VERIFIED FOR EACH UNIT.
10. PROVIDE NEMA 3R MOTOR RATED AC SNAP SWITCH FOR ROOF MOUNTED EXHAUST FAN DISCONNECT (IF FAN NOT EQUIPPED WITH FACTORY MOUNTED SWITCH.).
11. PROVIDE HEAT TAPE TO ALL WATER PIPING FROM GRADE LEVEL TO PRESSBOX FLOOR WHERE SUSCEPTIBLE TO FREEZING. REFER TO PLUMBING PLANS AND ARCHITECTURAL PLANS. REFER TO SPECIFICATIONS 26 0100, PARAGRAPH 3.06 FOR HEAT TAPE REQUIREMENTS. COORDINATE WITH PLUMBING CONTRACTOR.
12. CONNECT TO ELEVATOR CONTROLLER INTEGRAL CIRCUIT BREAKER AS REQUIRED. VERIFY CONNECTION POINT AND POWER REQUIREMENTS WITH ELEVATOR CONTRACTOR PRIOR TO ANY ROUGH-IN.
13. RUN EXHAUST FAN CIRCUIT THRU RELAY INTERCONNECTED WITH EACH RESTROOM LIGHTING CONTROLLER SO THAT FAN IS ON WHEN LIGHTS IN EITHER RESTROOM ARE ON.
14. WALL-MOUNTED ELECTRIC FREEZE-PROTECTION HEATER. COORDINATE EXACT LOCATION IN ROOM WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
15. STUB UP FEEDER CONDUITS INTO CHASE, EXTEND UP THRU CHASE TO PRESS BOX LEVEL AND OVER TO NEW PANELBOARDS. SEE RISER DIAGRAM AND SITE PLAN.
16. MECHANIZED ROLLER SHADE SYSTEM CONTROLLER ABOVE CEILING OR IN LOCATION DIRECTED BY ARCHITECT. PROVIDE POWER AND CONTROL WIRING AS REQUIRED WITH DEDICATED CIRCUIT TO EACH CONTROLLER. 120V WIRING TO EACH SHADE MOTOR, AND LOW VOLTAGE CONTROL WIRING TO CONTROL STATION. VERIFY REQUIREMENTS WITH ARCHITECT AND EQUIPMENT PROVIDED.
17. MECHANIZED SHADE CONTROL STATION. LOCATION SHALL BE APPROVED BY ARCHITECT.
18. MECHANIZED SHADE MOTOR. VERIFY QUANTITY AND LOCATION.
19. MOUNT AT 18" ABOVE LEVEL OF FILMING PLATFORM.
20. FAN CONTROLLED BY LOCAL SWITCH. INSTALL STARTER (PROVIDED BY MECHANICAL) AT LOCATION DESIGNATED BY MECHANICAL. INSTALL AND WIRE CONTROL SWITCH.
21. SWITCH TO CONTROL FAN. CONTRACTOR SHALL PROVIDE DESIGNATION LABEL.

GENERAL NOTES: (TECHNOLOGY POWER AND ROUGH-IN)

A. REFER TO TECHNOLOGY PLANS FOR ANY ADDITIONAL TECHNOLOGY EQUIPMENT REQUIRING ELECTRICAL POWER THAT MAY NOT BE SHOWN ON POWER PLANS.

B. ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL JUNCTION BOX AND CONDUIT ROUGH-IN REQUIRED FOR TECHNOLOGY SYSTEMS. THESE SYSTEMS INCLUDE DATA, TELEPHONE, PUBLIC ADDRESS, MASTER CLOCK, ACCESS CONTROLS, SECURITY, ETC. REFER TO TECHNOLOGY PLANS FOR COMPLETE SCOPE OF ELECTRICAL WORK REQUIRED.

C. ELECTRICAL CONTRACTOR SHALL REFER TO TECHNOLOGY PLANS FOR EXACT QUANTITIES AND LOCATIONS, INCLUDING DIMENSIONS AND HEIGHT PLACEMENTS FOR ALL TECHNOLOGY OUTLETS PRIOR TO INSTALLATIONS. ADJUSTMENTS SHALL BE MADE TO RECEPTACLE LOCATIONS TO CORRESPOND WITH LOCATIONS OF ASSOCIATED TECHNOLOGY OUTLETS.

D. PROVIDE DEDICATED 120V, 20A POWER CIRCUITS AS REQUIRED FOR FIRE ALARM, EMS, P.A., ACCESS CONTROLS AND SECURITY SYSTEMS. VERIFY LOCATIONS, QUANTITIES AND REQUIREMENTS WITH CONTRACTOR ASSOCIATED WITH EACH OF THESE SYSTEMS AT JOBSITE.

E. ELECTRICAL CONTRACTOR SHALL CAREFULLY COORDINATE WITH TECHNOLOGY EQUIPMENT INSTALLER ALL LOCATIONS AND REQUIREMENTS PRIOR TO ROUGH-IN, OR BE RESPONSIBLE FOR COST IN MAKING CORRECTIONS.

HKS

ARCHITECT
HKS, INC.
350 N SAINT PAUL ST
SUITE 100
DALLAS, TX 75201

CIVIL ENGINEER
CEI ENGINEERING ASSOCIATES, INC.
3030 LBJ FREEWAY
SUITE 100
DALLAS, TX 75234

LANDSCAPE
CEI ENGINEERING ASSOCIATES, INC.
3030 LBJ FREEWAY
SUITE 100
DALLAS, TX 75234

STRUCTURAL
HKS, INC.
350 N SAINT PAUL ST
SUITE 100
DALLAS, TX 75201

MEP
ROMINE, ROMINE & BURGESS, INC.
300 GREENLEAF ST
FORT WORTH, TX 76107

MARLIN

MARLIN ISD PRESS BOX
678 SUCCESS DR B
MARLIN, TX 76661

OWNER
MARLIN ISD
678 SUCCESS DR B
MARLIN, TX 76661

Romine, Romine, & Burgess
Mechanical/Electrical Engineers
300 Greenleaf
Ft. Worth,
Texas 76107
817/336-4633
Registration #F-509
WWW.ROMINEINC.COM
RRB@ROMINEINC.COM
JOB# 2812

STATE OF TEXAS
L. LANCE MORROW
92633
LICENSED
PROFESSIONAL ENGINEER
11/16/2023

REVISION

NO.	DESCRIPTION	DATE
1	ADDENDUM #3	12/11/23

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PRESS BOX FLOOR PLANS - POWER

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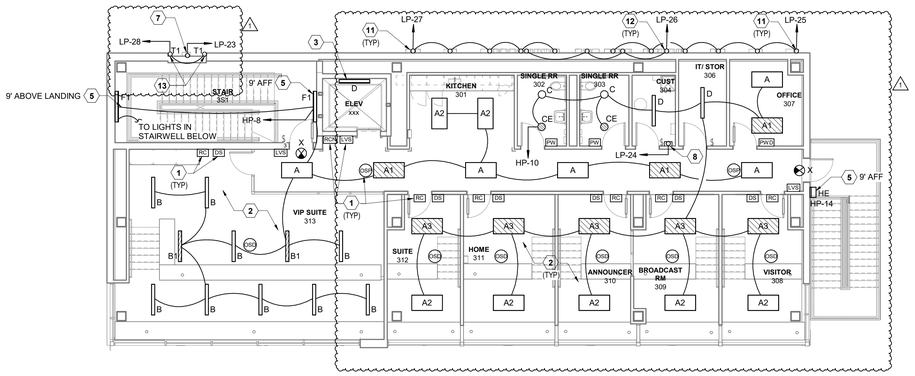
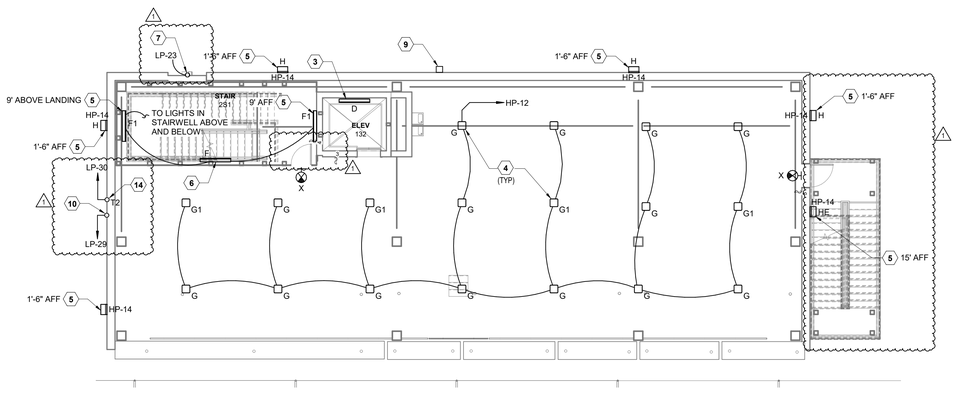


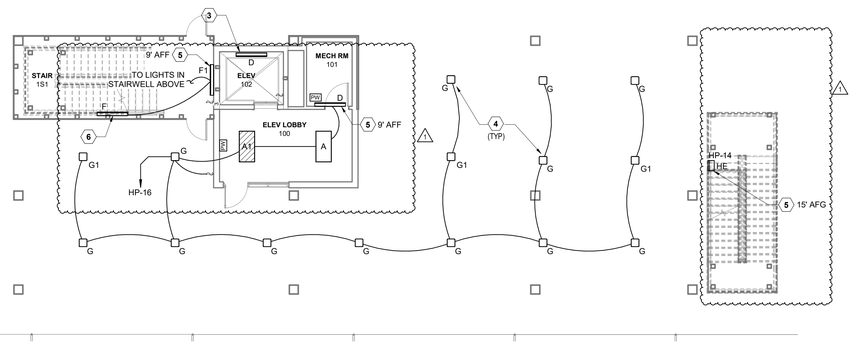
3 FLOOR PLAN - PRESSBOX LEVEL - LIGHTING

1/8" = 1'-0"



2 FLOOR PLAN - MEZZANINE LEVEL - LIGHTING

1/8" = 1'-0"



1 FLOOR PLAN - GROUND LEVEL - LIGHTING

1/8" = 1'-0"

GENERAL NOTES:

A. ALL EXIT LIGHTS AND ALL EMERGENCY WALLPACK LIGHTS SHALL BE CONNECTED WITH 2 #12, #12G IN 1/2" CONDUIT, WITH UNSWITCHED HOT LEG, FROM LIGHTING CIRCUIT WITHIN ROOM.

B. ALL LIGHT FIXTURES WITH INTEGRAL EMERGENCY PACKS SHALL BE PROVIDED WITH ADDITIONAL UNSWITCHED HOT LEG FROM LIGHTING CIRCUIT FOR CONNECTION TO EMERGENCY PACK.

C. WHERE EXIT LIGHTS ARE MOUNTED IN 2x2 LAY-IN CEILING, MOUNT JUNCTION BOX TO CEILING GRID WITH ELECTRICAL BOX T-BAR FASTENER EQUIVALENT TO "COOPER B-LINE" PART #BA12. SECURE INSTALLATION IN CEILING TIGHTLY.

D. SUSPEND STRIP FIXTURES IN MECHANICAL AND ELECTRICAL ROOMS SECURELY FROM STRUCTURE WITH UNISTRUT AND ALLTHREAD RODS AS REQUIRED AT 9' AFF TO BOTTOM OF FIXTURE UNLESS OTHERWISE NOTED.

E. INSTALL WALL-MOUNTED EXTERIOR LIGHTS AT HEIGHT INDICATED (IF SHOWN), AND AS APPROVED BY ARCHITECT. COORDINATE EXACT LOCATIONS WITH ARCHITECTURAL ELEVATION PLANS.

F. ALL EXTERIOR BUILDING MOUNTED PERIMETER LIGHTING SHALL UTILIZE PHOTOCELL AND TIME CLOCK CONTROL. REFER TO SPECIFICATIONS.

G. ALL EXTERIOR LIGHTING FIXTURES WITH INTEGRAL EMERGENCY PACKS SHALL HAVE EMERGENCY PACK CONNECTED WITH UNSWITCHED HOT LEG. EXTEND ADDITIONAL UNSWITCHED HOT LEG (JUMPERED AROUND RELAY) IN LIGHTING CIRCUIT WHERE REQUIRED FOR THIS CONNECTION.

H. LIGHTING CONTROL SYSTEM COMMISSIONING - AGENCY REPRESENTING LIGHTING CONTROLS EQUIPMENT INSTALLED SHALL PERFORM TESTING OF THE LIGHTING CONTROL SYSTEMS TO ENSURE THAT CONTROL HARDWARE AND SOFTWARE ARE CALIBRATED, ADJUSTED, PROGRAMMED AND IN PROPER WORKING CONDITION IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS AND MANUFACTURER'S INSTRUCTIONS. FUNCTIONAL TESTING SHALL BE PERFORMED IN ACCORDANCE WITH SECTION C408.3 OF THE INTERNATIONAL ENERGY CONSERVATION CODE (IECC). LIGHTING CONTROLS AGENCY SHALL PROVIDE DOCUMENTATION CERTIFYING THAT THE INSTALLED LIGHTING CONTROLS MEET DOCUMENTED PERFORMANCE CRITERIA OF SECTION C405 OF THE IECC.

NOTES BY SYMBOL:

1. REFER TO LIGHTING CONTROLS SYMBOL LEGEND, DETAILS AND SPECIFICATIONS.

2. PROVIDE CONTROL (DIMMING) WIRING TO EACH LIGHT FIXTURE, WHERE DIMMING DEVICES ARE INDICATED. POWER WIRING AND 0-10V CONTROL WIRING MAY BE RUN TO EACH FIXTURE IN SINGLE TYPE MC-PCS CABLE AS/IF APPROVED BY LIGHTING CONTROLS MANUFACTURER.

3. INSTALL (6) FIXTURES IN ELEVATOR SHAFT, ONE AT 8', 16', 24', 32', 40' AND 48' ABOVE FLOOR OF PIT. CONNECT TO DEDICATED CIRCUIT SERVING ELEVATOR PIT RECEPTACLES AS INDICATED BY NOTE 5, SH. E2.01.

4. SURFACE MOUNT FIXTURE TO UNDERSIDE OF STRUCTURE. CONCEAL CONDUIT WHERE POSSIBLE.

5. SURFACE MOUNT TO WALL AT HEIGHT INDICATED AS APPROVED BY ARCHITECT. SEE GENERAL NOTE E, THIS SHEET.

6. SURFACE MOUNT TO SIDE OF STRUCTURAL MEMBER AT APPROX. 9' ABOVE STAIR TREAD AS APPROVED BY ARCHITECT.

7. "MARLIN ISD" BACKLIT BUILDING LETTERING SIGNAGE. REFER TO ARCHITECTURAL PLANS. VERIFY VOLTAGE, EXACT LOCATION(S) AND REQUIREMENTS PRIOR TO ROUGH-IN. RUN THRU RELAY WITH EXTERIOR LIGHTING CONTROLS. ALLOW FOR ONE J-BOX PER LETTER WITH POWER CONNECTION.

8. PROVIDE LIGHTING CONTACTOR(S) AS REQUIRED FOR EXTERIOR LIGHTING. REFER TO SPECIFICATIONS.

9. PROVIDE PHOTOCELL FOR EXTERIOR LIGHTING CONTROL. REFER TO SPECIFICATIONS.

10. SCHOOL MASCOT BACKLIT SIGNAGE. REFER TO ARCHITECTURAL PLANS. VERIFY VOLTAGE, EXACT LOCATION(S) AND REQUIREMENTS PRIOR TO ROUGH-IN. RUN THRU RELAY WITH EXTERIOR LIGHTING CONTROLS.

11. "LEGION FIELD" BACKLIT BUILDING LETTERING SIGNAGE. REFER TO ARCHITECTURAL PLANS. VERIFY VOLTAGE, EXACT LOCATION(S) AND REQUIREMENTS PRIOR TO ROUGH-IN. RUN THRU RELAY WITH EXTERIOR LIGHTING CONTROLS. ALLOW FOR ONE J-BOX PER LETTER WITH POWER CONNECTION.

12. "HOME OF THE BULLDOGS" BACKLIT BUILDING LETTERING SIGNAGE. REFER TO ARCHITECTURAL PLANS. VERIFY VOLTAGE, EXACT LOCATION(S) AND REQUIREMENTS PRIOR TO ROUGH-IN. RUN THRU RELAY WITH EXTERIOR LIGHTING CONTROLS. ALLOW FOR ONE J-BOX PER LETTER WITH POWER CONNECTION.

13. INSTALL VERTICAL EXTERIOR TAPE LIGHT SURFACE MOUNTED TO SIDES OF EXTERIOR METAL PANEL ON EACH SIDE OF "MARLIN ISD" BACKLIT SIGNAGE, TO HIGHLIGHT SIGNAGE. SEE ARCHITECTURAL PLANS TO VERIFY MOUNTING AND EXACT LENGTH REQUIRED. MOUNT REMOTE DRIVER IN ACCESSIBLE LOCATION PER MANUFACTURER.

14. INSTALL EXTERIOR TAPE LIGHT IN CIRCLE AROUND SCHOOL MASCOT BACKLIT SIGNAGE, TO HIGHLIGHT SIGNAGE. SEE ARCHITECTURAL PLANS TO VERIFY MOUNTING AND EXACT CIRCLE DIAMETER AND TAPE LENGTH REQUIRED. MOUNT REMOTE DRIVER IN ACCESSIBLE LOCATION PER MANUFACTURER.

HKS

ARCHITECT
HKS, INC.
350 N SAINT PAUL ST
SUITE 100
DALLAS, TX 75201

CIVIL ENGINEER
CEI ENGINEERING ASSOCIATES, INC.
3030 LBJ FREEWAY
SUITE 100
DALLAS, TX 75234

LANDSCAPE
CEI ENGINEERING ASSOCIATES, INC.
3030 LBJ FREEWAY
SUITE 100
DALLAS, TX 75234

STRUCTURAL
HKS, INC.
350 N SAINT PAUL ST
SUITE 100
DALLAS, TX 75201

MEP
ROMINE, ROMINE & BURGESS, INC.
300 GREENLEAF ST
FORT WORTH, TX 76107

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MARLIN, TX 76661

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Romine, Romine, & Burgess
Mechanical/Electrical Engineers
300 Greenleaf
Ft. Worth,
Texas 76107
817/336-4633
Registration #F-509
WWW.ROMINEINC.COM
RRB@ROMINEINC.COM
JOB# 2012

STATE OF TEXAS
L. LANCE MORROW
92633
LICENSED
PROFESSIONAL ENGINEER
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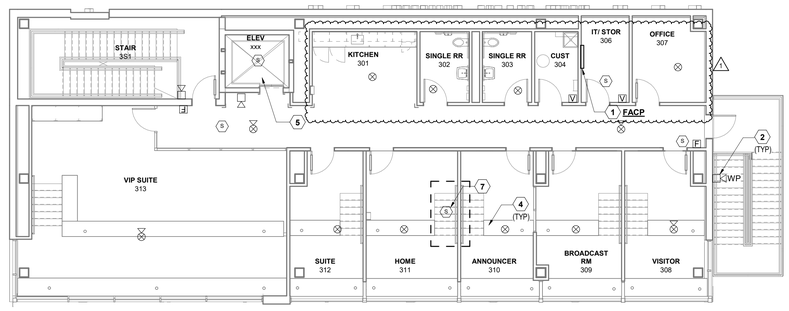
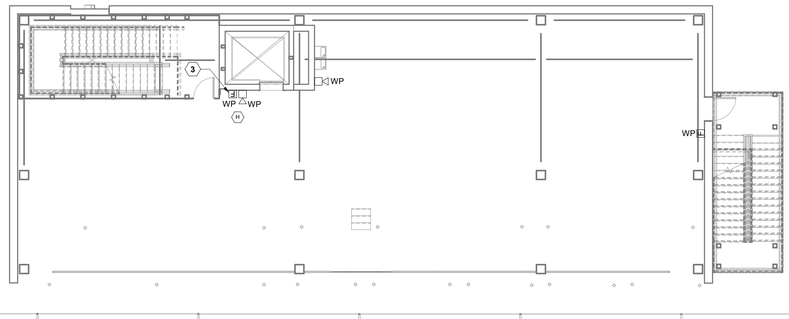


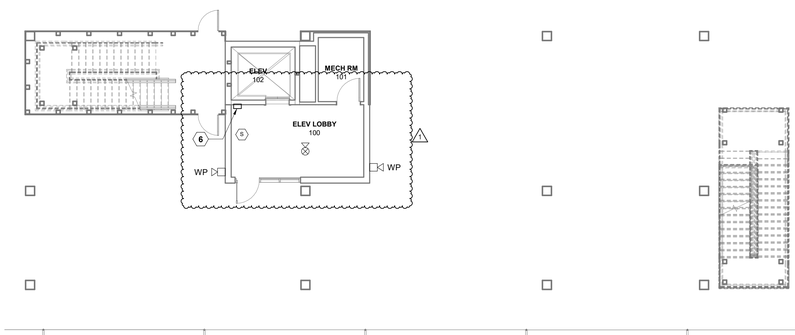
3 FLOOR PLAN - PRESSBOX LEVEL - FIRE ALARM

1/8" = 1'-0"



2 FLOOR PLAN - MEZZANINE LEVEL - FIRE ALARM

1/8" = 1'-0"



1 FLOOR PLAN - GROUND LEVEL - FIRE ALARM

1/8" = 1'-0"

GENERAL NOTES (FIRE ALARM):

A. LOW VOLTAGE WIRING SHALL BE INSTALLED IN CONDUIT WITHIN WALLS AND WHEN SURFACE MOUNTED ON WALLS OF MECHANICAL AND ELECTRICAL ROOMS AND MAY BE INSTALLED EXPOSED ABOVE LAY-IN CEILINGS AS SHOWN ON DETAIL, AND AS INDICATED IN SPECIFICATIONS.

B. COORDINATE INSTALLATION OF ALL SMOKE DETECTORS AND CEILING MOUNTED HORN/STROBE DEVICES WITH LIGHT FIXTURES AND AIR DEVICES AND ADJUST FIRE ALARM DEVICE LOCATIONS AS REQUIRED TO AVOID CONFLICTS. COORDINATE INSTALLATION OF WALL MOUNTED FIRE ALARM DEVICES WITH OBSTRUCTIONS ON WALLS SUCH AS ACOUSTICAL PANELS, TACKBOARDS, ETC.

C. DUCT SMOKE DETECTORS SHALL BE PROVIDED IN A/C UNITS PER SPECIFICATIONS. PROVIDE DETECTOR IN RETURN DUCT ONLY UNLESS LOCAL CODES REQUIRE A DETECTOR IN BOTH SUPPLY AND RETURN DUCTS. REFER TO MECHANICAL PLANS FOR QUANTITY AND LOCATION. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

D. DUCT SMOKE DETECTORS SHALL BE INSTALLED BY MECHANICAL CONTRACTOR AND WIRED BY FIRE ALARM CONTRACTOR. 24V POWER TO AUXILIARY RELAY SHALL BE PROVIDED FROM FIRE ALARM PANEL.

E. IN ROOMS WHICH ARE SERVED BY MORE THAN ONE A/C UNIT AND DUCT MOUNTED DETECTORS ARE REQUIRED, SYSTEM SHALL BE CONFIGURED SUCH THAT SMOKE DETECTION AT ANY UNIT IN ROOM WILL SHUT DOWN ALL UNITS IN ROOM.

F. INSTALL SMOKE DETECTOR ABOVE MAIN FIRE ALARM CONTROL PANEL AND AT ALL OTHER LOCATIONS WHERE FIRE ALARM CONTROL DEVICES AND AUXILIARY FIRE ALARM POWER SUPPLIES ARE INSTALLED.

G. ELECTRICAL CONTRACTOR SHALL PROVIDE DEDICATED 120V, 20A CIRCUITS TO FIRE ALARM SYSTEM COMPONENTS WHERE REQUIRED. VERIFY REQUIREMENTS AND LOCATIONS WITH FIRE ALARM CONTRACTOR. ALLOW FOR A MINIMUM OF ONE ADDITIONAL CIRCUIT (NOT INDICATED ON PLANS) WITH 2#12, #12G IN 1/2"C. FOR EACH. CIRCUIT BREAKERS SERVING THESE CIRCUITS SHALL BE LOCKABLE IN "ON" POSITION.

H. REFER TO FIRE ALARM SYMBOL LEGEND AND ARCHITECTURAL PLANS FOR DEVICE MOUNTING HEIGHTS.

I. FIRE ALARM MANUAL PULL STATIONS SHALL BE DOUBLE ACTION TYPE. PROVIDE "STOPPER II" COVERS WHERE INDICATED.

NOTES BY SYMBOL:

1. FIRE ALARM CONTROL PANEL. REFER TO SPECIFICATIONS. COORDINATE EXACT LOCATION WITH ALL TRADES.
2. WEATHERPROOF FIRE ALARM AUDIBLE/VISIBLE DEVICE.
3. PROVIDE "STOPPER II" COVER AS SPECIFIED FOR MANUAL PULL STATION.
4. CEILING MOUNTED NOTIFICATION DEVICE. MOUNT ELECTRICAL BACK BOX TO CEILING GRID WITH ELECTRICAL BOX T-BAR FASTENER EQUAL TO COOPER B-LINE BA12. COORDINATE INSTALLATION WITH OTHER CEILING MOUNTED DEVICES.
5. PROVIDE ELEVATOR MONITORING AND AUTOMATIC ELEVATOR RECALL. PROVIDE CONTROL WIRING AND CONNECT AS REQUIRED BY MANUFACTURER OF ELEVATOR CONTROLLER. CONNECT FIRE ALARM WIRING TO ELEVATOR POWER MODULE SWITCH CABINET FOR SHUNT TRIP INITIATION AND VOLTAGE MONITORING AS REQUIRED.
6. REMOTE ANNUNCIATOR. VERIFY LOCATION WITH FIRE MARSHAL.
7. DUCT DETECTOR FOR ROOFTOP A/C UNIT. SEE GENERAL NOTES C AND D, THIS SHEET.

HKS

ARCHITECT
HKS, INC.
350 N SAINT PAUL ST
SUITE 100
DALLAS, TX 75201

CIVIL ENGINEER
CEI ENGINEERING ASSOCIATES, INC.
3030 LBJ FREEWAY
SUITE 100
DALLAS, TX 75234

LANDSCAPE
CEI ENGINEERING ASSOCIATES, INC.
3030 LBJ FREEWAY
SUITE 100
DALLAS, TX 75234

STRUCTURAL
HKS, INC.
350 N SAINT PAUL ST
SUITE 100
DALLAS, TX 75201

MEP
ROMINE, ROMINE & BURGESS, INC.
300 GREENLEAF ST
FORT WORTH, TX 76107

MARLIN

MARLIN ISD PRESS BOX
678 SUCCESS DR B
MARLIN, TX 76661

OWNER
MARLIN ISD
678 SUCCESS DR B
MARLIN, TX 76661

Romine, Romine, & Burgess
Mechanical/Electrical Engineers
300 Greenleaf
Ft. Worth,
Texas 76107
817/336-4653
Registration #F-509
WWW.ROMINEINC.COM
RRB@ROMINEINC.COM
JOB# 2812

STATE OF TEXAS
L. LANCE MORROW
92633
LICENSED
PROFESSIONAL ENGINEER
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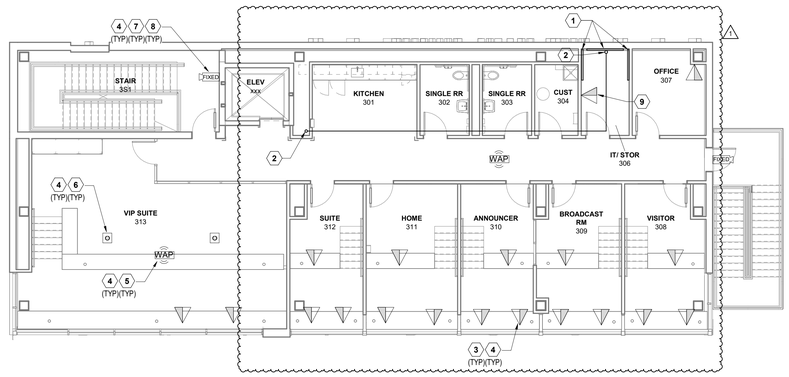
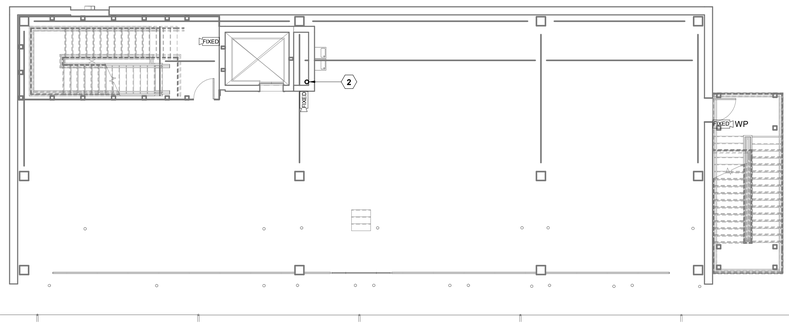
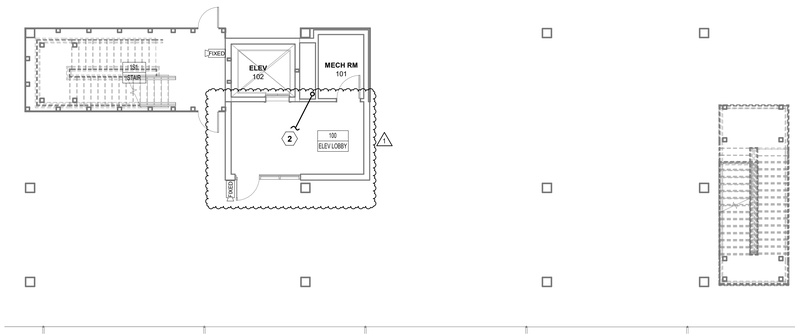


FLOOR PLAN - PRESSBOX LEVEL - TECHNOLOGY SUPPORT
3 1/8" = 1'-0"



FLOOR PLAN - MEZZANINE LEVEL - TECHNOLOGY SUPPORT
2 1/8" = 1'-0"



FLOOR PLAN - GROUND LEVEL - TECHNOLOGY SUPPORT
1 1/8" = 1'-0"

GENERAL NOTES: (TECHNOLOGY SUPPORT)

A. THE ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL CONDUITS, J-BOXES AND FITTINGS REQUIRED TO ACCOMMODATE SCOREBOARD, DATA, SOUND, ACCESS CONTROLS, SURVEILLANCE SYSTEM, ETC., AS INDICATED.

B. TECHNOLOGY OUTLETS INDICATED ARE ROUGH-IN ONLY. DEVICES AND CABLING ARE TO BE PROVIDED BY OTHERS. ROUGH-IN J-BOX(ES) IN WALLS AND CONDUIT WITH PULLSTRING EXTENDED IN WALL FROM BOX UP TO ABOVE CEILING. IN EXPOSED STRUCTURE AREAS WITH NO CEILING, RUN CONDUIT TO NEAREST ABOVE CEILING AREA IN PATH OF DESTINATION OR MAKE COMPLETE RUN TO DESTINATION AS REQUIRED. REFER TO SYMBOL LEGEND AND DETAILS FOR SPECIFIC INFORMATION.

C. PROVIDE DEDICATED 120V, 20A POWER CIRCUITS AS REQUIRED FOR SCOREBOARD, ACCESS CONTROLS, SOUND AND SECURITY SYSTEMS. VERIFY LOCATIONS, QUANTITIES AND REQUIREMENTS WITH CONTRACTOR ASSOCIATED WITH EACH OF THESE SYSTEMS AT JOBSITE.

D. TO ACCOMMODATE LOW VOLTAGE TECHNOLOGY INSTALLATION THROUGHOUT BUILDING, CONTRACTOR SHALL PROVIDE 2" AND 4" CONDUIT NIPPLES THRU WALL INTO CEILING SPACE WHERE REQUIRED AT WALLS THAT EXTEND TO DECK. AT EACH LOCATION, SEAL WITH FIRE-RESISTIVE SEALANT TO MAINTAIN PARTITION RATING AND PROVIDE CONDUIT BUSHINGS ON EACH END. CONTRACTOR SHALL MEET WITH OWNER'S REPRESENTATIVE ON SITE TO COORDINATE QUANTITY AND LOCATION OF ALL CONDUIT NIPPLES.

E. ELECTRICAL CONTRACTOR SHALL CAREFULLY COORDINATE WITH OWNER'S TECHNOLOGY INSTALLER AT JOBSITE FOR ALL TECHNOLOGY LOCATIONS AND REQUIREMENTS PRIOR TO ROUGH-IN.

F. PROVIDE PLASTIC BUSHING ON CUT OPEN END OF ALL TECHNOLOGY CONDUIT STUBS PRIOR TO CABLING INSTALLATION AS SPECIFIED IN 26 0529.

NOTES BY SYMBOL:

1. INSTALL 4' HIGH X 4' WIDE, 3/4" FLAME-RETARDENT PLYWOOD BACKBOARD FOR TECHNOLOGY EQUIPMENT, WITH BOTTOM OF BOARD AT 4' AFF.

2. STUB UP CONDUITS FROM IN-GRADE PULLBOX BELOW BLEACHERS IN CHASE, UP TO PRESS BOX AND TERMINATE IN IT ROOM ON BACKBOARD AT 6' AFF. REFER TO ELECTRICAL SITE PLANS FOR SIZE AND ROUTING.

3. PROVIDE J-BOX IN WALL WITH 1" CONDUIT ROUGH-IN AS REQUIRED FOR FUTURE DATA OUTLET. VERIFY EXACT LOCATION WITH OWNER AT JOBSITE PRIOR TO ROUGH-IN.

4. RUN 1" CONDUIT WITH PULLSTRING FROM J-BOX TO ACCESSIBLE LOCATION ABOVE CEILING IN CORRIDOR AS APPROVED BY OWNER. FUTURE CABLING TO BE INSTALLED BY OWNER.

5. PROVIDE J-BOX IN CEILING AND 1" CONDUIT ROUGH-IN AS REQUIRED FOR FUTURE WIRELESS ACCESS POINT. VERIFY EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN.

6. PROVIDE J-BOX IN CEILING AND 1" CONDUIT ROUGH-IN AS REQUIRED FOR SPEAKER. VERIFY EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN.

7. PROVIDE J-BOX AND 1" CONDUIT ROUGH-IN AS REQUIRED FOR FUTURE EXTERIOR CAMERA LOCATION. MOUNT AT 9'-0" A.F.F. AS APPROVED BY OWNER.

8. LOCATION SHOWN FOR THIS CAMERA IS ARBITRARY. VERIFY EXACT LOCATION WITH OWNER AT JOBSITE PRIOR TO ROUGH-IN.

9. PROVIDE J-BOX AND 1" CONDUIT ROUGH-IN AS REQUIRED FOR FIRE ALARM CONTROL PANEL DATA CONNECTION.

HKS

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HKS, INC.
350 N SAINT PAUL ST
SUITE 100
DALLAS, TX 75201

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CEI ENGINEERING ASSOCIATES, INC.
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SUITE 100
DALLAS, TX 75234

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FORT WORTH, TX 76107

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Mechanical/Electrical Engineers
300 Greenleaf
Ft. Worth,
Texas 76107
817/336-4633
Registration #F-509
WWW.ROMINEINC.COM
RRB@ROMINEINC.COM
JOB# 2812

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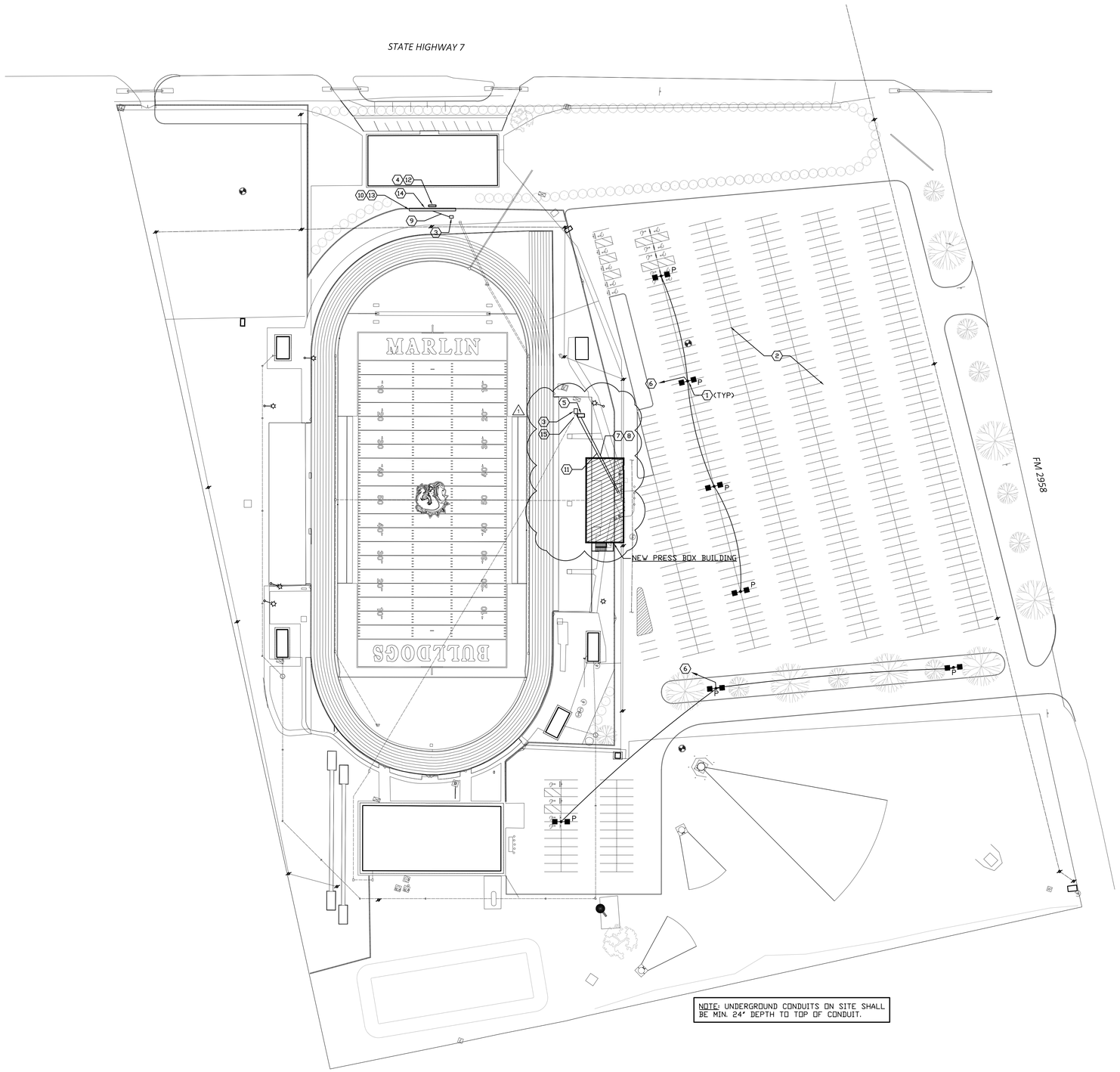
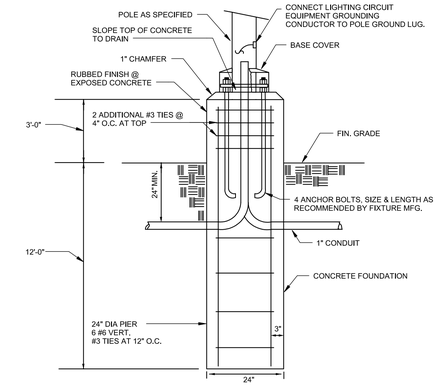




DETAIL - PARKING LOT LIGHT POLE FOUNDATION
NO SCALE

NOTES BY SYMBOL:

1. NEW POLE LIGHT WITH TWO FIXTURE HEADS ON CONCRETE FOUNDATION. REFER TO LIGHTING FIXTURE SCHEDULE AND POLE FOUNDATION DETAIL. FIXTURE IS SPECIFIED WITH INTEGRAL DAYLIGHT AND MOTION DIMMING CONTROLS. IF THIS IS NOT PROVIDED, CONTRACTOR SHALL PROVIDE TIME CLOCK CONTROLS.
2. NEW PAVED PARKING LOT. REFER TO CIVIL 'CE1' SHEETS FOR ADDITIONAL INFORMATION. COORDINATE INSTALLATION WITH THAT OF PARKING LOT.
3. IN-GRADE TELECOMMUNICATIONS PULL BOX TO BE INSTALLED IN PHASE 1 ELECTRICAL SITE DRAWINGS.
4. ELECTRICAL EQUIPMENT ON PIPE RACK, INCLUDING METER TRANSOCKET FOR ELECTRICAL UTILITY SERVICE, MAIN DISCONNECT SWITCH AND ELECTRICAL PANELBOARD 'MP' TO BE INSTALLED IN PHASE 1 ELECTRICAL SITE DRAWINGS.
5. ELECTRICAL EQUIPMENT ON PIPE RACK, INCLUDING PANELBOARDS 'DH' AND 'DL' TO BE INSTALLED IN PHASE 1 ELECTRICAL SITE DRAWINGS.
6. RUN 2 #10, #10G IN 1" CONDUIT TO 20A, 1-P C/B IN PANEL 'DH'.
7. RUN NEW FEEDER FROM PANEL 'DH' TO PANEL 'MP' IN NEW PRESS BOX BUILDING. REFER TO SH. E1.01 FOR REQUIREMENTS.
8. RUN NEW FEEDERS FROM PANEL 'DL' TO PANELS 'LP' AND 'LM' IN NEW PRESS BOX BUILDING. REFER TO SH. E1.01 FOR REQUIREMENTS.
9. PROVIDE 2" UNDERGROUND CONDUIT WITH PULLCORD WITH MIN. 2' COVER FOR FIBER TO SCOREBOARD FROM PRESS BOX BUILDING. VERIFY POINT OF TERMINATION AT SCOREBOARD WITH SCOREBOARD MANUFACTURER.
10. NEW SCOREBOARD. VERIFY ALL REQUIREMENTS WITH SCOREBOARD MANUFACTURER PRIOR TO ANY ELECTRICAL ROUGH-IN.
11. PROVIDE (2) 2" UNDERGROUND CONDUITS WITH PULLCORD WITH MIN. 2' COVER, ONE FOR FIBER TO SCOREBOARD AND ONE FOR FUTURE TECHNOLOGY, FROM PULL BOX TO PRESS BOX BUILDING. REFER TO SH. E5.01 FOR POINT OF TERMINATION IN PRESS BOX BUILDING.
12. PROVIDE NEW TRANSFORMER 'T-SB' AND PANEL 'SB' AT BACK SIDE OF PIPE RACK FOR POWER CIRCUITS TO NEW SCOREBOARD. REFER TO SH. E1.01 FOR REQUIREMENTS.
13. RUN (8) 50A/2P CIRCUITS TO NEW SCOREBOARD INDICATED ON PANEL 'SB' SCHEDULE, SH. E1.01.
14. INSTALL WEATHER-RESISTANT GFCI RECEPTACLE WITH WEATHER-PROOF IN-USE COVER. MOUNT SECURELY TO SCOREBOARD BASE AT APPROX. 2' AFF. RUN TO CIRCUIT SB-17 AS INDICATED ON PANEL 'SB' SCHEDULE.
15. EXISTING CONDUIT FROM FIELD HOUSE INSTALLED BY SPORTS TURF CONTRACTOR IN PHASE 1 FIELD TURF IMPROVEMENTS PACKAGE. VERIFY EXACT LOCATION AT SITE. EXTEND AS CONDUIT AS REQUIRED TO TERMINATE AT NEW TELECOMMUNICATIONS PULL BOX.

GENERAL NOTES:

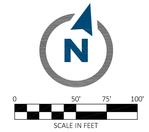
A. UNDERGROUND CONDUITS SHALL BE BURIED WITH MINIMUM 24" COVER. REFER TO SPECIFICATIONS FOR SPECIFIC INSTALLATION REQUIREMENTS.

B. VERIFY LOCATION OF ALL UNDERGROUND UTILITIES IN CONSTRUCTION AREA PRIOR TO BORING OR DIGGING.

C. SAWCUT AND REPAIR SIDEWALKS AND PAVED AREAS AS/IF REQUIRED TO ACCOMMODATE UNDERGROUND CONDUIT INSTALLATION. FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID TO DETERMINE MOST FEASIBLE ROUTING OF ALL ELECTRICAL FEEDERS AND COMPLETE SCOPE OF WORK.

D. TWO OR MORE CIRCUITS MAY BE COMBINED IN ONE CONDUIT AT DISCRETION OF CONTRACTOR AS LONG AS INDICATED CONDUIT SIZE IS INCREASED PER NEC REQUIREMENTS.

E. REFER TO ELECTRICAL SPECIFICATIONS FOR IN-GRADE JUNCTION BOX REQUIREMENTS. PROVIDE BOXES WHERE REQUIRED TO FACILITATE LONG WIRE PULLS.



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HKS

ARCHITECT
HKS, INC.
350 N SAINT PAUL ST
SUITE 100
DALLAS, TX 75201

CIVIL ENGINEER
CEI ENGINEERING ASSOCIATES, INC.
3030 LBJ FREEWAY
SUITE 100
DALLAS, TX 75234

LANDSCAPE
CEI ENGINEERING ASSOCIATES, INC.
3030 LBJ FREEWAY
SUITE 100
DALLAS, TX 75234

STRUCTURAL
HKS, INC.
350 N SAINT PAUL ST
SUITE 100
DALLAS, TX 75201

MEP
ROMINE, ROMINE & BURGESS, INC.
300 GREENLEAF ST
FORT WORTH, TX 76107

MARLIN

MARLIN ISD PRESS BOX
678 SUCCESS DR B
MARLIN, TX 76661

OWNER
MARLIN ISD
678 SUCCESS DR B
MARLIN, TX 76661

Romine, Romine, & Burgess
Mechanical/Electrical Engineers
300 Greenleaf
Ft. Worth,
Texas 76107
817.336.4633
Registration #F-509
WWW.ROMINEINC.COM
RRB@ROMINEINC.COM
JOB# 2812

STATE OF TEXAS
L. LANCE MORROW
92633
LICENSED
PROFESSIONAL ENGINEER
11/16/2023

REVISION

NO.	DESCRIPTION	DATE
1	ADDENDUM #3	12/11/23

HKS PROJECT NUMBER
26095.000
DATE
11/16/23
ISSUE
ISSUE FOR BID AND PERMIT
SHEET TITLE
ELECTRICAL_SITE_PLAN
NEW_WORK

SHEET NO.
E6.01