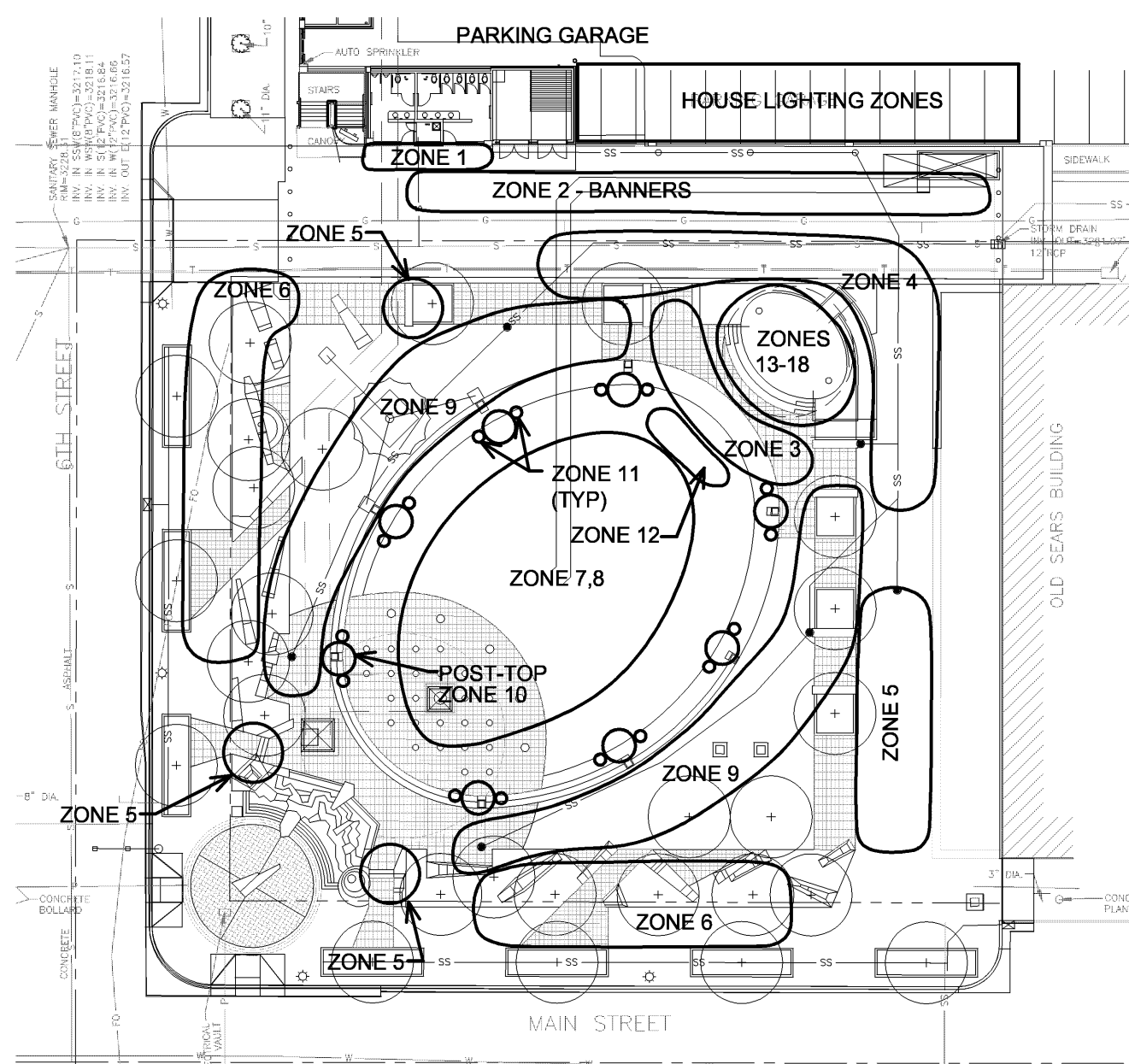


**KEYED NOTES**  
(THIS SHEET ONLY)

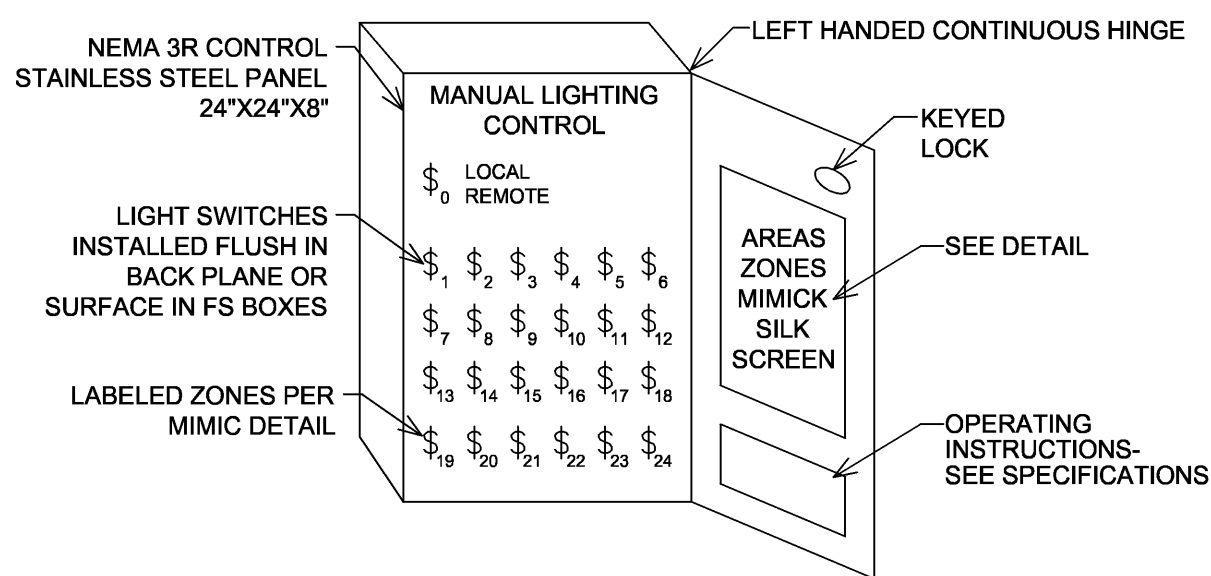
- 1 NEW STREET LIGHTING POWER VAULT-SEE DETAIL 1/E4.10.
- 2 NEW STREET LIGHTING AND SIGNAL ELECTRICAL VAULT AT EXISTING LOCATION PER DETAIL 1/E4.10.
- 3 MAINTAIN EXISTING STREETLIGHT AND WALK SIGNAL LIGHTING WIRING FROM EXISTING VAULT. REFEED STREET LIGHTING POWER, AND WALK SIGNALIZATION WIRING INTO NEW VAULT AT NEW STREET LIGHT. NEW STREET LIGHT TO BE FITTED WITH EXISTING WALK SIGNAL. WIRE NEW STREETLIGHT AND WALK SIGNAL LIKE EXISTING. SEE FIXTURE DETAIL.
- 4 NEW STREET LIGHT. SEE FIXTURE DETAIL SWITCH HOUSE SIDE LED SOURCE WITH MAIN STREET SQUARE CONTROLLER.
- 5 EXISTING STREET LIGHTS PER 6TH STREET PROJECT. SEE FIXTURE DETAIL. SWITCH HOUSE SIDE LED SOURCE WITH MAIN STREET SQUARE CONTROLLER.
- 6 NEW UG CIRCUITS BETWEEN STREET LIGHTS VAULTS WITH HOUSE-SIDE LED AND SCULPTURE SPIRES SPOTS. CONTROLLED BY MAIN STREET SQUARE CONTROLLER.
- 7 INTERACTIVE SUNPLIGHT TYPICAL 25 LOCATIONS. SEE DELTA FOUNTAINS DRAWINGS FOR DETAILS.
- 8 FREESTANDING WATERFALL LIGHTS. SEE DELTA FOUNTAINS DRAWINGS FOR DETAILS. 10 LOCATIONS.
- 9 RE-POWER RELOCATED LED FIXTURE FROM EXISTING CIRCUITS AND REDLINE EXACT CONNECTIONS FOR RECORD DRAWING.
- 10 SEE LEGEND SHEET FOR KEY TO STREETScape LAWN LIGHTING/SERVICES. APPLIES TO TYPE "P2" LIGHTS/SERVICE POLES. SEE SYSTEMS PLANS FOR SERVICES AND SYSTEMS WIRING/CONDUIT REQUIREMENTS.
- 11 DEMO IRRIGATION CONTROL STATION POWER SUPPLY INTO VAULT.
- 12 ADD BULLET-TYPE SPOT-LIGHT TO STREETLIGHTS TO ILLUMINATE SCULPTURES AT LOCATIONS SHOWN. SEE LIGHTING FIXTURE DETAILS.
- 13 SCULPTURE LOCATION TO BE ILLUMINATED.
- 14 MAINTAIN EXISTING LIGHTING CONTROLS TO NEW FIXTURES. VERIFY VOLTAGE PRIOR TO FIXTURE ORDER. TURN EXISTING FIXTURE OVER TO OWNER.
- 15 TWO TYPE LM FIXTURES ON EACH LAWN COLUMN. SEPARATE CIRCUITS, SEPARATE SWITCHING. SEE ARCH. DETAIL.
- 16 SURFACE MOUNT TYPE FL BANNER LIGHTING TO STRUCTURE. SEE ARCHITECTURAL ELEVATIONS. TYPICALLY 24" CORE DRILL FROM INSIDE STRUCTURE TO EACH FIXTURE. NO VISIBLE CONDUIT IS ALLOWED ON EXTERIOR SURFACE.
- 17 MOUNT FIXTURE FROM STAIRWELL CANOPY STEEL TO BEST ILLUMINATE BANNER. CONCEAL AS MUCH CONDUIT/WIRING AS POSSIBLE. PAINT CONDUIT TO MATCH STAIRWELL. OBTAIN COLOR APPROVAL FROM THE ARCHITECT.
- 18 STREET LIGHTING VAULT BY 6TH STREET PROJECT. COORDINATE.
- 19 ADD TWO (2) LED SPOT FIXTURES TO NEW AND EXISTING STREET/STOP LIGHT POLES. POWER SWITCH WITH ZONE 21. SEE LIGHT FIXTURE DETAILS.

**GENERAL NOTES**  
(THIS SHEET ONLY)

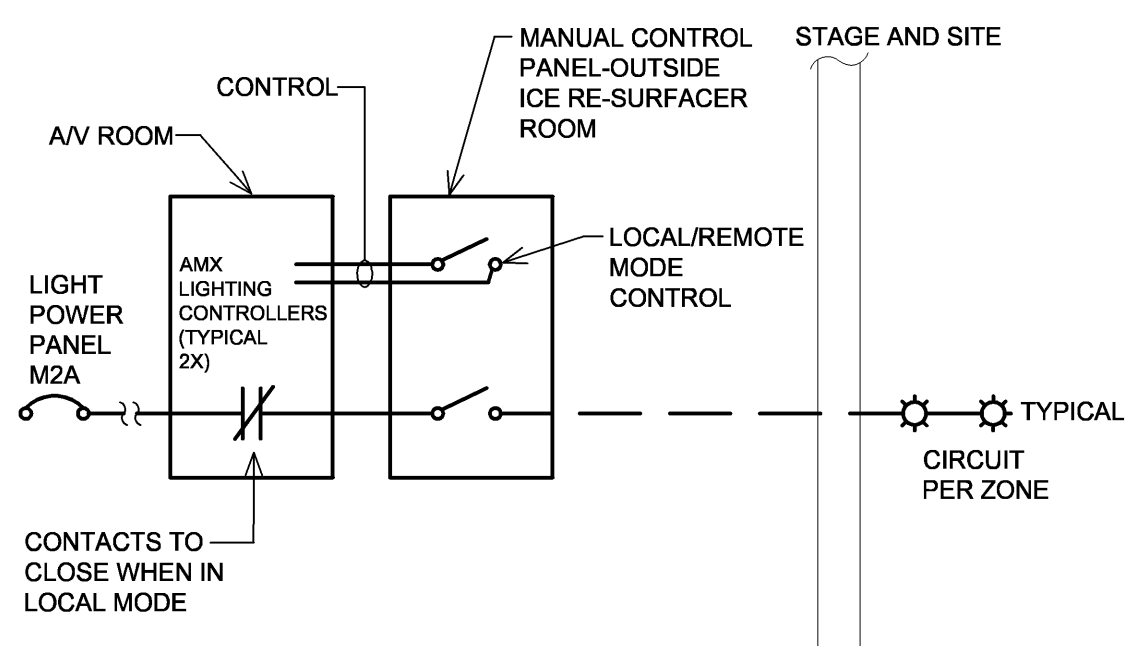
- A. COORDINATE ALL "ST" STEP, "WP" WALLPACK LED AND FL SPOT/FLOOD LIGHTS WITH MOUNTING WALLS/ELEVATIONS PER ARCHITECTURAL DETAILS. CUSTOM COLOR UNLESS NOTED OTHERWISE.
- B. SEE ALSO THE SYSTEM PLANS FOR LOW VOLTAGE DETAILS/CONTROLS.
- C. MAINTAIN EXISTING BIRD ROOSTING PREVENTION TECHNIQUES INCLUDING SCREENS, BIRD-X AND CONDUIT ROUTING. APPLY LIKE TO ALL NEW.
- D. SEE DELTA FOUNTAIN PLANS FOR SITE/ELECTRICAL RELATED TO FOUNTAINS.
- E. WHERE LIGHTING OR EQUIPMENT CONTROL ZONE IS INDICATED, CONTROL VIA AMX LIGHTING AND MANUAL/LOCAL LIGHTING CONTROL PANEL. FOR CLARITY, HOMERUNS NOT SHOWN ON PLAN SEE "HOUSE" LIGHTING CONTROLS ZONING FOR SOURCE BREAKERS, (TYPICAL OTHER SHEETS).



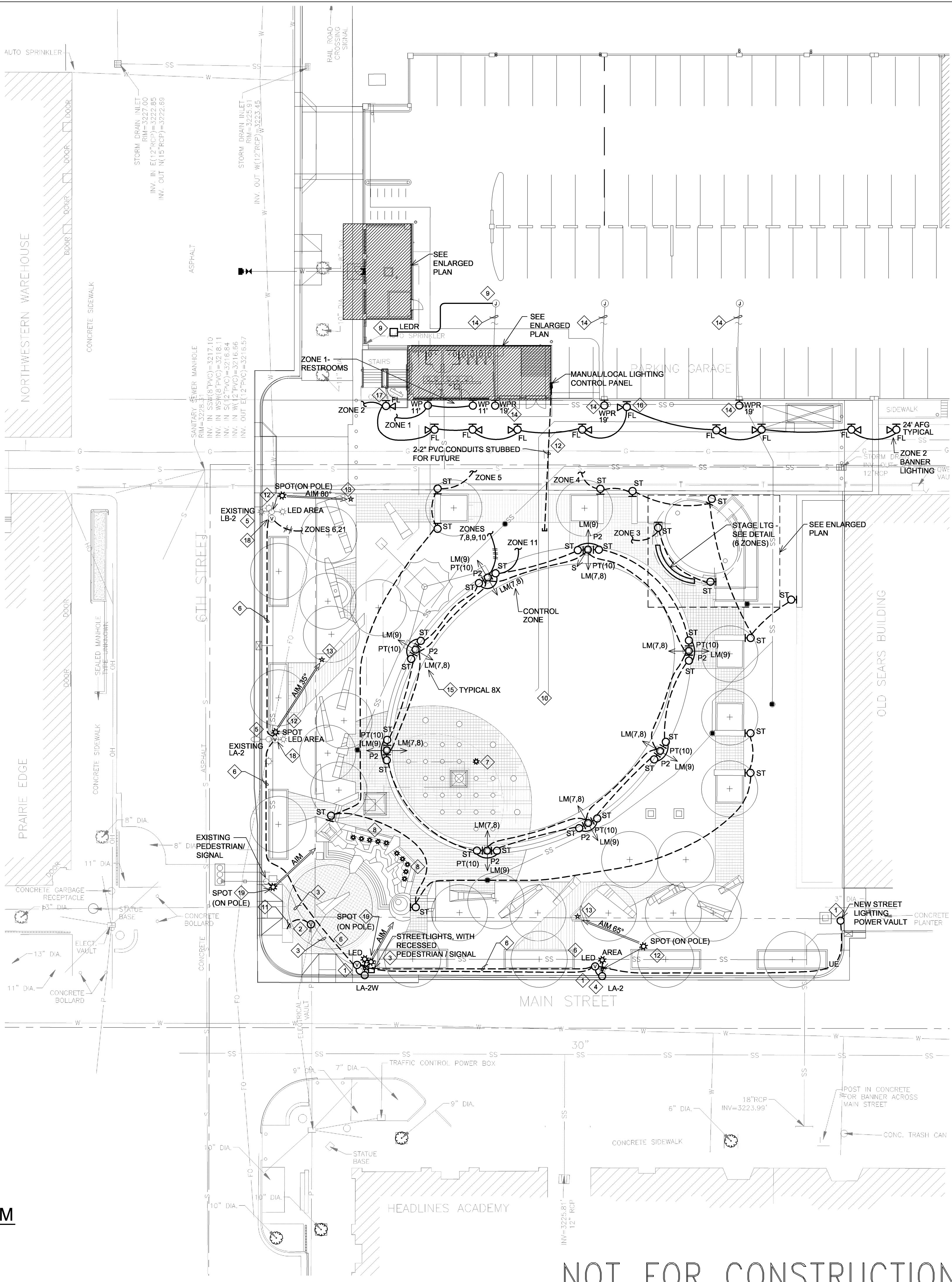
**LIGHTING CONTROL ZONES- MIMIC PANEL & WIRELESS CONTROLLER LIGHTING CONTROL SCREEN MIMIC**  
SCALE: NTS



**MANUAL/LOCAL-LIGHTING CONTROL PANEL**  
SCALE: NTS



**LIGHTING CONTROLS INTERFACE DIAGRAM**  
SCALE: NTS



**HOMERUN PANEL/BKR**

M2B-1	"HOUSE" LIGHTING CONTROLS ZONING
M2B-1	1. PARKING GARAGE RESTROOMS/EXT. AREA
M2B-1	2. PARKING GARAGE BANNERS
M2B-3	3. STAGE STEPS.
M2B-3	4. BACK STAGE STEPS.
M2B-3	5. PERIMETER STEPS.
M2B-3	6. PERIMETER STREET LIGHTS - LED.
M2B-5	7. OVAL POLES INWARD - METAL HALIDE.
M2B-7	8. OVAL POLES INWARD - METAL HALIDE - SKATE LEVEL.
M2B-9	9. OVAL POLES OUTWARD - METAL HALIDE.
M2B-9	10. OVAL POLES POST-TOP - LED.
M2B-3	11. OVAL POLES STEPLIGHTS.
M2B-2	12. STAGE LIGHTS FORWARD - 1.
M2B-4	13. STAGE LIGHTS - 2.
M2B-6	14. STAGE LIGHTS - 3.
M2B-8	15. STAGE LIGHTS - 4.
M2B-10	16. STAGE LIGHTS - 5.
M2B-12	17. STAGE LIGHTS - 6.
M2B-2	18. STAGE UPLIGHTING
M2B-11	19. FIRE PIT ACTIVE (SEE OUTLETS ON POWER PLAN)
M2B-11	20. PROJECTOR/SCREEN ON. (SEE OUTLETS ON POWER PLAN)
M2B-3	21. STREET LIGHTS SPOT ON STATUES/SPIRES
M2B-13	22. INTERIOR PLANTERS/TREE LIGHTING. (SEE OUTLETS ON POWER PLAN)
M2B-15	23. STREETSIDE PLANTERS/TREE LIGHTING (SEE OUTLETS ON POWER PLAN)
M2B-11	24. MAIN CHRISTMAS TREE LIGHTING. (SEE OUTLETS ON POWER PLAN)

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PROJECT:

**Main Street Square Site Development**  
Rapid City, South Dakota

REVISIONS:

NO.	BY	DESCRIPTION	DATE
1	REA	100% CONSTRUCTION DRAWINGS REVIEW SET	9/08/10

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DRAWING NAME:

**SITE LIGHTING PLAN**

CERTIFICATION:

City #:	PR2010-1901
Project No.:	091131
Date:	Sept 8, 2010
Drawn by:	MMM
Checked by:	JBS
File:	e-site.dwg

100% CDs OWNER REVIEW SET

**E1.10**

NOT FOR CONSTRUCTION