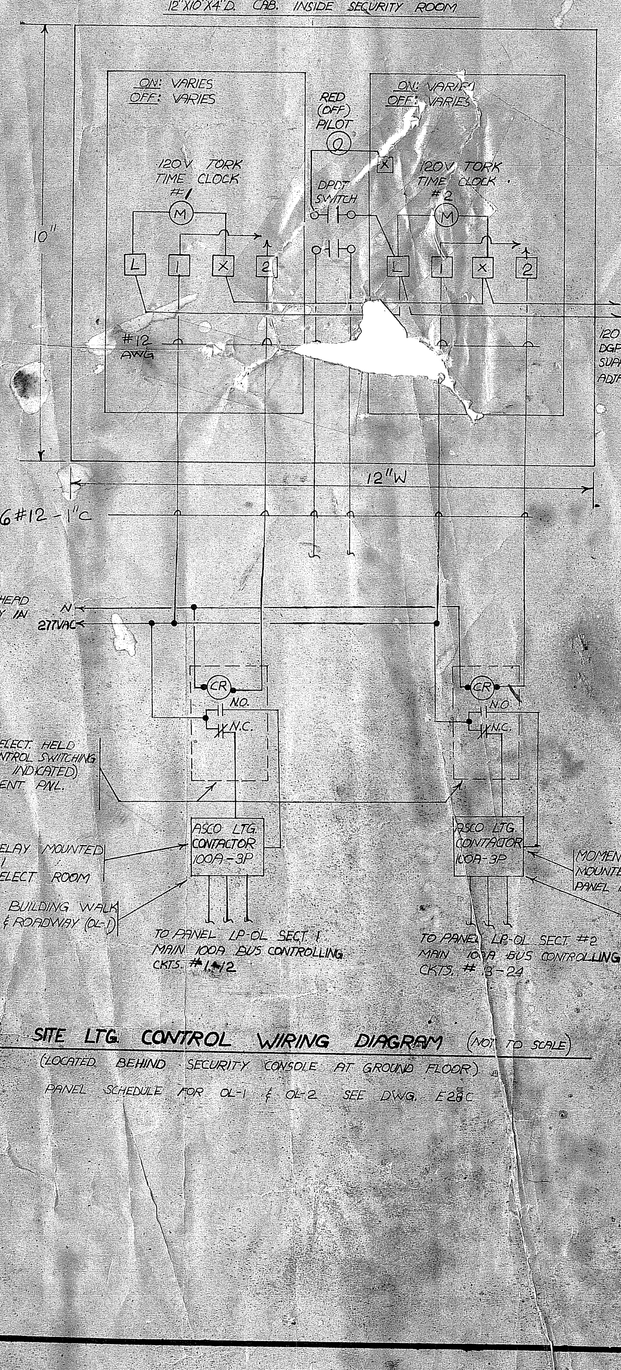
NOTES

1. REFER TO KE-1 FOR UNDERGROUND DIST. DETAILS.
2. MH #1 TO BE SPLIT TYPE INTERCEPT MANHOLE OF PRE CAST CONSTRUCTION.
3. ALL CONDUIT TO BE RIGID PLASTIC TYPE, HEAVY WALL ENCASED IN MIN. 3" CONCRETE ENVELOPE. SEE SPEC.
4. ALL WIRE FOR UNDERGROUND SERVICE TO LIGHTING TO BE THW SIZED AS NOTED.
5. PROVIDE GROUND WIRE SAME SIZE AS CIRCUIT CONDUCTOR IN ALL CONDUITS FOR LIGHTING CIRCUITRY.
6. ALL 12 KV SERVICE CABLE TO BE ANACONDA UNSHIELDED TRIPLEXED SINGLE CON. SIZED AS NOTED (SERVICE TO BLDG #2)
7. ALL DUCT BANKS TO BE 30" MIN. COVER FROM GRADE TO TOP OF DUCT BANK.
8. ALL DUCT FOR 12 KV VIA CABLE TO BE 5" ALL DUCT FOR TEL. SERV. TO BE 4".
9. EXIT LIGHTS IN STEP WALL TO BE MOUNTED APPROX. 9" TO CENTER OF LIGHT. APPROPRIATE ABOVE STEP. WHERE MOUNTED IN RAMP WALL APERATURE TO BE APPROX. 12" TO CENTER ABOVE RAMP WALK.
10. REFER TO ARCHITECTS LANDSCAPE DWGS. L1 THROUGH L4 FOR EXACT LOCATION OF LANDSCAPE PLANTER LIGHTING FIXTURES
11. ROOT BALLS FOR TREES IN PARKING LOT MAY APPROXIMATE 5 FEET IN DIAMETER CONDUIT FOR POLE LIGHTING SHOULD BE RUN RADIALLY THE ROOT BALL AREAS TO AVOID CONFLICT WITH LANDSCAPE CONTRACT.
12. SPECIAL RECEPTACLE SHALL BE 20A. 125 V. 2 POLE, 3 WIRE GROUNDING RECEPTACLE WITH GROUNDING CONTACTS PROTECTED WITH GROUND FAULT CIRCUIT INTERRUPTER. TO BE USED WITH WEATHERPROOF RECEPTACLE COVER HUBBELL CAT. NO. CRS20 W.P.
13. LIGHTING PANEL LP-CL TO HAVE SPLIT BUS.
14. LP-CL SECTION #1 POLES 1-7, TO BE FED FROM LP-CL #1 VIA AN ASCO CONTACTOR LOCATED IN LP-CL AND CONTROLLED THRU A SET OF CONTACTS IN THE SECURITY SECTION OF THE LITE SAFETY SYSTEM, ARRANGED TO TURN ON CIRCUITS #1 & 2 AT 4:30 PM & TURN OFF AT 6:00 AM
15. CIRCUITS #19 & 21 SHALL BE FED VIA A 4 POLE N.O. CONTACT RELAY CONTROLLED BY AN ON-OFF SWITCH AT THE BUILDING SECURITY DESK.
16. LP-CL SECTION #2 POLES 15-24 TO BE FED FROM LP-CL #2 VIA AN ASCO CONTACTOR CONTROLLED THRU A SET OF CONTACTS IN THE SECURITY SECTION OF THE LITE SAFETY SYSTEM ARRANGED TO TURN ON CIRCUITS #13 & 24 AT 4:30 PM AND TURN OFF AT A PREDETERMINED TIME IN THE EVENING.
17. LP-CL CKT #8 SHALL BE 2P-30A. ELECT. PEDESTAL AND FEED ALL 8 FOUR 110/220 VOLT SINGLE PHASE, 3 WIRE OUTLETS IN PARK. LP-CL VIA A 5KVA 480 VOLT TO 120/240 V. SINGLE PHASE TRANSFORMER.
18. FOR UNDERGROUND SERVICE LAYOUT SEE HUNTWOOD DWGS. KE-1

SYMBOLS

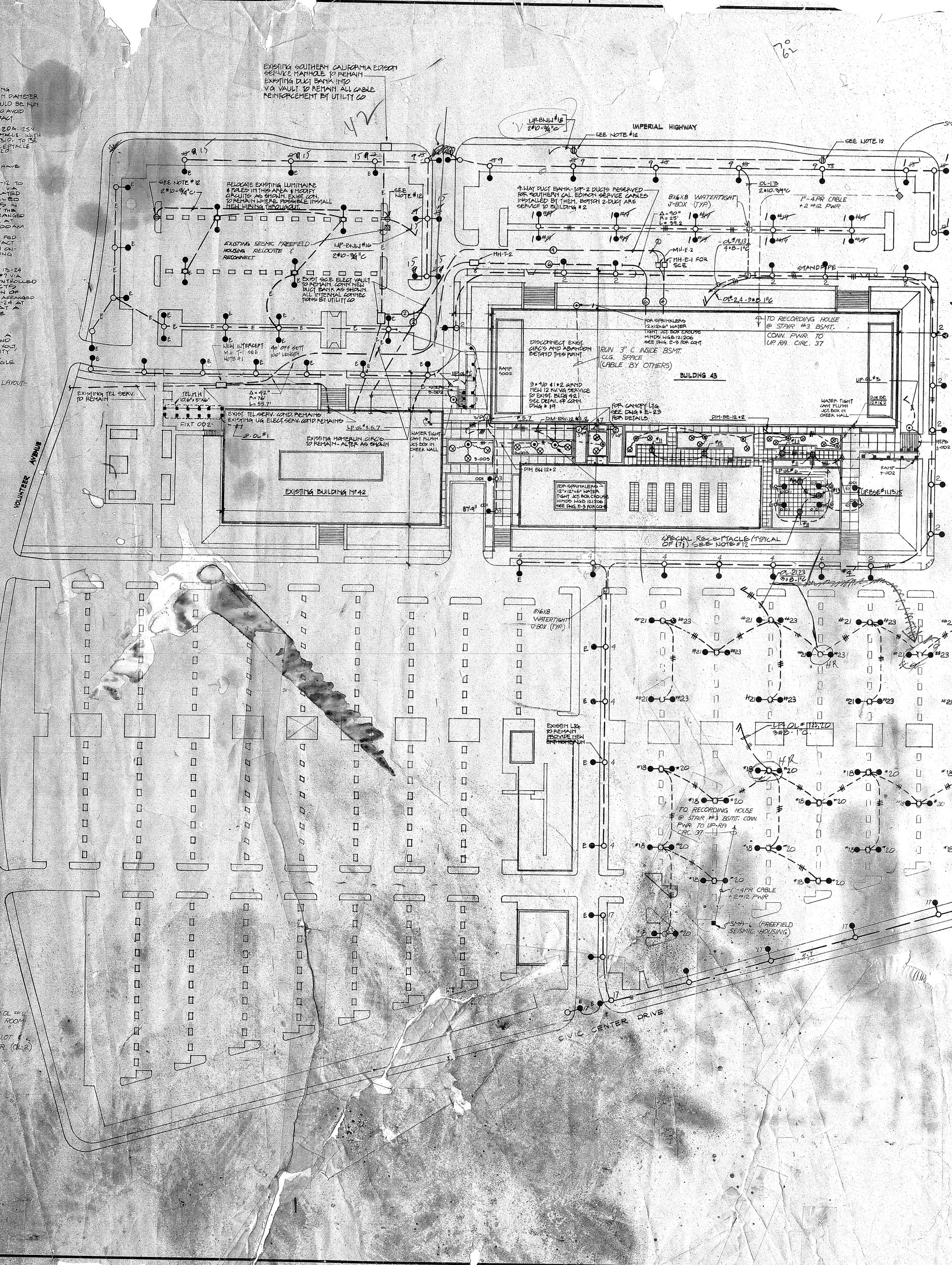
- POLE WITH SINGLE LUMINAIRE (M) TYPE "OD"
- POLE WITH DOUBLE LUMINAIRE (M) TYPE "OD"
- MH #1 — MANHOLE SERVICE AS DESIGNATED.
- DUCT BANK NUMERAL INDICATES NUMBER OF DUCTS. ALL POWER TO BE 4" TRADE SIZE.
- E — EXISTING CONDUIT RUN OR DUCTBANK TO REMAIN
- STEP LIGHT - TYPE OD 2.
- WALL WITH SINGLE LUMINAIRE FIX. TYPE OD1
- WATER TIGHT - FLUSH CAST JUNCTION BOX, MOUNT FLUSH WITH CHEEK WALL AT ELEVATION DIRECTLY ABOVE SOIL LINE. BOX TO BE CIRCULAR WITH NO PUNCH OUTS, CAST NO NEED FOR BOSS. - 8" I.D. x 4" H. x 1/2" P. PROVIDE ONE 1 1/4" PUNCH & THREADED CONDUIT OPENING PER SIDE.
- DIRECT BURIAL LIGHTING FIXTURE FOR THIS FIXTURE TYPE, OBTAIN FIXTURES TO BE CONNECTED TO JUNCTION BOXES SPECIFIED ABOVE WITH NECESSARY UNJACKETED RUBBER CORD AND CROUND WIRE TO FIX. CAST WATER TIGHT CORD CONNECTORS PROVIDE 4" DIA. VIA THREADED OPENINGS IN EACH LOW, SURFACE BOX AND ONE 1/4" DIA THREADED CONDUIT OPENING AT EACH END FOR RUN THRU CONDUIT. NT BOX FLUSH IN SHELL.



SITE LTG. CONTROL WIRING DIAGRAM (NOT TO SCALE)

(LOCATED BEHIND SECURITY CONSOLE AT GROUND FLOOR)

PANEL SCHEDULE FOR CL-1 & CL-2 SEE DWG. E-2.5



NOTE:

LIGHTING FOR THIS PROJECT COMPLIES WITH THE LATEST REQUIREMENTS OF TITLE 24 - STATE ENERGY RESOURCES CONSERVATION & DEVELOPMENT COMMISSION REGULATIONS PERTAINING TO LIGHTING ENERGY STANDARDS FOR THE STATE OF CALIFORNIA.

60 30 24 41 15 = 64 M.H. OT.

1 5 14
1 7 18
1 7 20
2 2 22
2 3 24

E-1

Norwalk Civic Center Building

Norwalk, California

Skidmore, Owings & Merrill
Architects/Engineers
One Maritime Plaza
San Francisco, CA

Jaros, Baum & Bolles
Consulting Engineers
345 Park Avenue
New York, New York

Approved for the Owner by:

Approved for the Architect by:

Drawn by:

Checked by: R. V. GRELZIAN

Revisions

No.	Revisions Indicate
	VOIDED FOR BID
1	ADDENDUM #20
2	ADDENDUM NO 1 ISSUED FOR B.I.D.ING
3	ADDENDUM #45
4	ADDENDUM #46 ISSUED FOR BLDG. PERMIT
5	ADDENDUM NO. 100
6	ADDENDUM NO. 123
7	ADDENDUM NO. 125
	AS BUILT
1	KW AS BUILT UPDATE
2	AS NOTED

NO. DATE REVISIONS

BECHTEL LOS ANGELES JOB NO. 8

KEY PLAN

SITE PLAN
BASE BUILDING

SCALE: 1"