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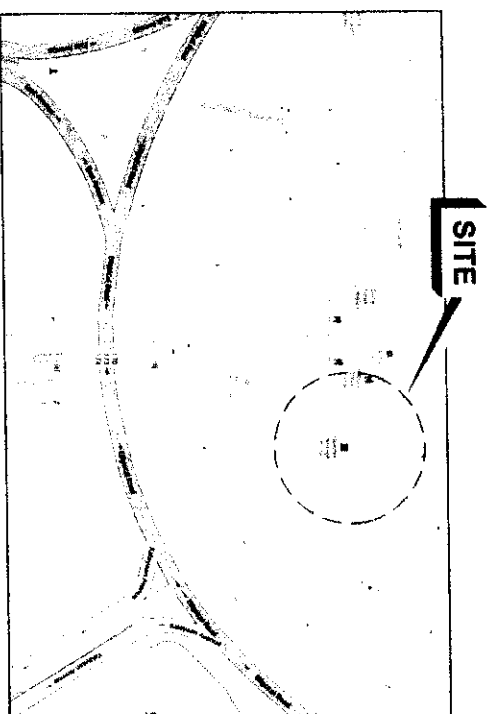
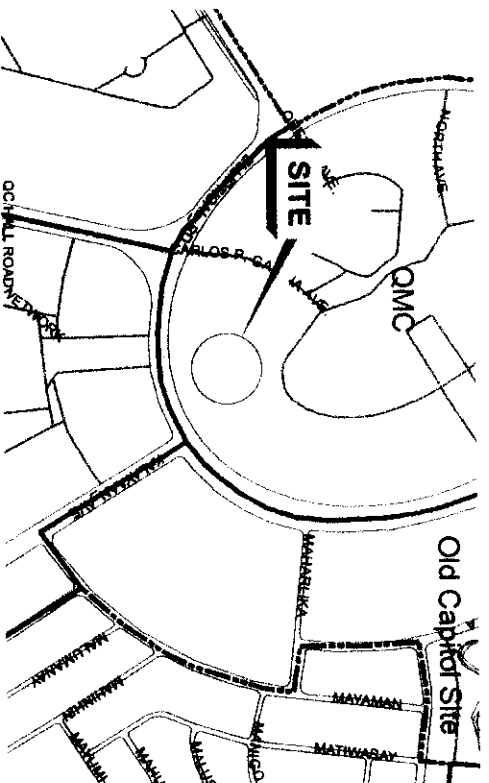
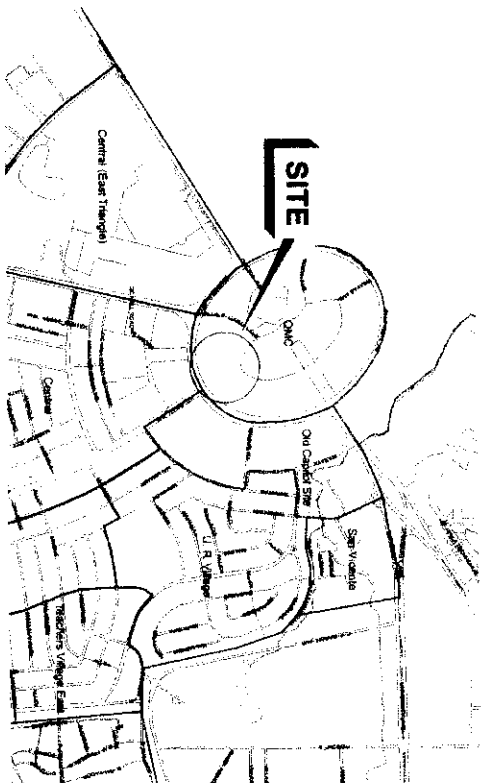
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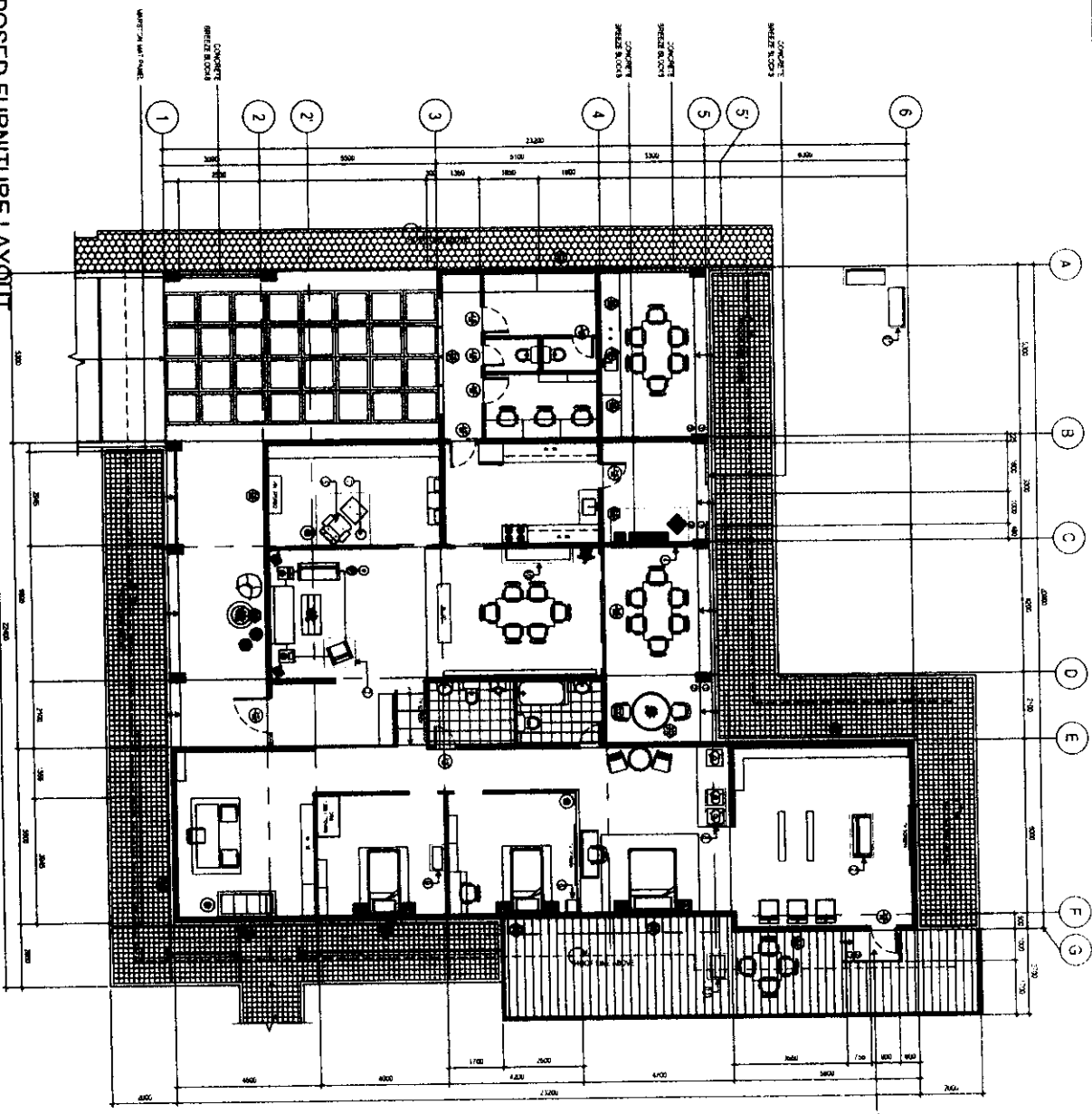
RISER DIAGRAM

EL-06	GROUND FLOOR AUXILIARY SYSTEM
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LAZOU



 Republic of the Philippines Lampang ng Quezon DEPARTMENT OF ENGINEERING Office of the Director Cebu City, Philippines Telephone: 42-1188, 42-1189, 42-1190, 42-1191, 42-1192, 42-1193, 42-1194, 42-1195, 42-1196, 42-1197, 42-1198, 42-1199, 42-1200, 42-1201, 42-1202, 42-1203, 42-1204, 42-1205, 42-1206, 42-1207, 42-1208, 42-1209, 42-1210, 42-1211, 42-1212, 42-1213, 42-1214, 42-1215, 42-1216, 42-1217, 42-1218, 42-1219, 42-1220, 42-1221, 42-1222, 42-1223, 42-1224, 42-1225, 42-1226, 42-1227, 42-1228, 42-1229, 42-1230, 42-1231, 42-1232, 42-1233, 42-1234, 42-1235, 42-1236, 42-1237, 42-1238, 42-1239, 42-1240, 42-1241, 42-1242, 42-1243, 42-1244, 42-1245, 42-1246, 42-1247, 42-1248, 42-1249, 42-1250, 42-1251, 42-1252, 42-1253, 42-1254, 42-1255, 42-1256, 42-1257, 42-1258, 42-1259, 42-1260, 42-1261, 42-1262, 42-1263, 42-1264, 42-1265, 42-1266, 42-1267, 42-1268, 42-1269, 42-1270, 42-1271, 42-1272, 42-1273, 42-1274, 42-1275, 42-1276, 42-1277, 42-1278, 42-1279, 42-1280, 42-1281, 42-1282, 42-1283, 42-1284, 42-1285, 42-1286, 42-1287, 42-1288, 42-1289, 42-1290, 42-1291, 42-1292, 42-1293, 42-1294, 42-1295, 42-1296, 42-1297, 42-1298, 42-1299, 42-1300, 42-1301, 42-1302, 42-1303, 42-1304, 42-1305, 42-1306, 42-1307, 42-1308, 42-1309, 42-1310, 42-1311, 42-1312, 42-1313, 42-1314, 42-1315, 42-1316, 42-1317, 42-1318, 42-1319, 42-1320, 42-1321, 42-1322, 42-1323, 42-1324, 42-1325, 42-1326, 42-1327, 42-1328, 42-1329, 42-1330, 42-1331, 42-1332, 42-1333, 42-1334, 42-1335, 42-1336, 42-1337, 42-1338, 42-1339, 42-1340, 42-1341, 42-1342, 42-1343, 42-1344, 42-1345, 42-1346, 42-1347, 42-1348, 42-1349, 42-1350, 42-1351, 42-1352, 42-1353, 42-1354, 42-1355, 42-1356, 42-1357, 42-1358, 42-1359, 42-1360, 42-1361, 42-1362, 42-1363, 42-1364, 42-1365, 42-1366, 42-1367, 42-1368, 42-1369, 42-1370, 42-1371, 42-1372, 42-1373, 42-1374, 42-1375, 42-1376, 42-1377, 42-1378, 42-1379, 42-1380, 42-1381, 42-1382, 42-1383, 42-1384, 42-1385, 42-1386, 42-1387, 42-1388, 42-1389, 42-1390, 42-1391, 42-1392, 42-1393, 42-1394, 42-1395, 42-1396, 42-1397, 42-1398, 42-1399, 42-1400, 42-1401, 42-1402, 42-1403, 42-1404, 42-1405, 42-1406, 42-1407, 42-1408, 42-1409, 42-1410, 42-1411, 42-1412, 42-1413, 42-1414, 42-1415, 42-1416, 42-1417, 42-1418, 42-1419, 42-1420, 42-1421, 42-1422, 42-1423, 42-1424, 42-1425, 42-1426, 42-1427, 42-1428, 42-1429, 42-1430, 42-1431, 42-1432, 42-1433, 42-1434, 42-1435, 42-1436, 42-1437, 42-1438, 42-1439, 42-1440, 42-1441, 42-1442, 42-1443, 42-1444, 42-1445, 42-1446, 42-1447, 42-1448, 42-1449, 42-1450, 42-1451, 42-1452, 42-1453, 42-1454, 42-1455, 42-1456, 42-1457, 42-1458, 42-1459, 42-1460, 42-1461, 42-1462, 42-1463, 42-1464, 42-1465, 42-1466, 42-1467, 42-1468, 42-1469, 42-1470, 42-1471, 42-1472, 42-1473, 42-1474, 42-1475, 42-1476, 42-1477, 42-1478, 42-1479, 42-1480, 42-1481, 42-1482, 42-1483, 42-1484, 42-1485, 42-1486, 42-1487, 42-1488, 42-1489, 42-1490, 42-1491, 42-1492, 42-1493, 42-1494, 42-1495, 42-1496, 42-1497, 42-1498, 42-1499, 42-1500, 42-1501, 42-1502, 42-1503, 42-1504, 42-1505, 42-1506, 42-1507, 42-1508, 42-1509, 42-1510, 42-1511, 42-1512, 42-1513, 42-1514, 42-1515, 42-1516, 42-1517, 42-1518, 42-1519, 42-1520, 42-1521, 42-1522, 42-1523, 42-1524, 42-1525, 42-1526, 42-1527, 42-1528, 42-1529, 42-1530, 42-1531, 42-1532, 42-1533, 42-1534, 42-1535, 42-1536, 42-1537, 42-1538, 42-1539, 42-1540, 42-1541, 42-1542, 42-1543, 42-1544, 42-1545, 42-1546, 42-1547, 42-1548, 42-1549, 42-1550, 42-1551, 42-1552, 42-1553, 42-1554, 42-1555, 42-1556, 42-1557, 42-1558, 42-1559, 42-1560, 42-1561, 42-1562, 42-1563, 42-1564, 42-1565, 42-1566, 42-1567, 42-1568, 42-1569, 42-1570, 42-1571, 42-1572, 42-1573, 42-1574, 42-1575, 42-1576, 42-1577, 42-1578, 42-1579, 42-1580, 42-1581, 42-1582, 42-1583, 42-1584, 42-1585, 42-1586, 42-1587, 42-1588, 42-1589, 42-1590, 42-1591, 42-1592, 42-1593, 42-1594, 42-1595, 42-1596, 42-1597, 42-1598, 42-1599, 42-1600, 42-1601, 42-1602, 42-1603, 42-1604, 42-1605, 42-1606, 42-1607, 42-1608, 42-1609, 42-1610, 42-1611, 42-1612, 42-1613, 42-1614, 42-1615, 42-1616, 42-1617, 42-1618, 42-1619, 42-1620, 42-1621, 42-1622, 42-1623, 42-1624, 42-1625, 42-1626, 42-1627, 42-1628, 42-1629, 42-1630, 42-1631, 42-1632, 42	
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NOTES TO CLIENT	
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AR-02
SCALE
1:150 MTS



Republic of the Philippines
Department of Engineering
Quezon City, Philippines

PROJECT TITLE: IMPROVEMENT OF BAHAY
MODERNISMO AT QUEZON CITY
MEMORIAL CIRCLE
(ADDITIONAL ITEMS)

AS SHOWN

DESIGNED BY
ARCHITECT
ARCHITECT
ARCHITECT

ENGINEER
ENGINEER
ENGINEER

APPROVED BY
ATTY. MARK DAVID P. PERALTA
CITY ENGINEER

AR-02

EE-01

17. ALL NAMES AND CITIES SHALL BE ORDERED AS FOLLOWS:

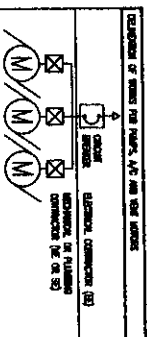
1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

- ALL MOUNTING HEIGHTS ARE SUBJECT TO THE APPROVAL OF THE ARCHITECT / OWNER.

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FE-01

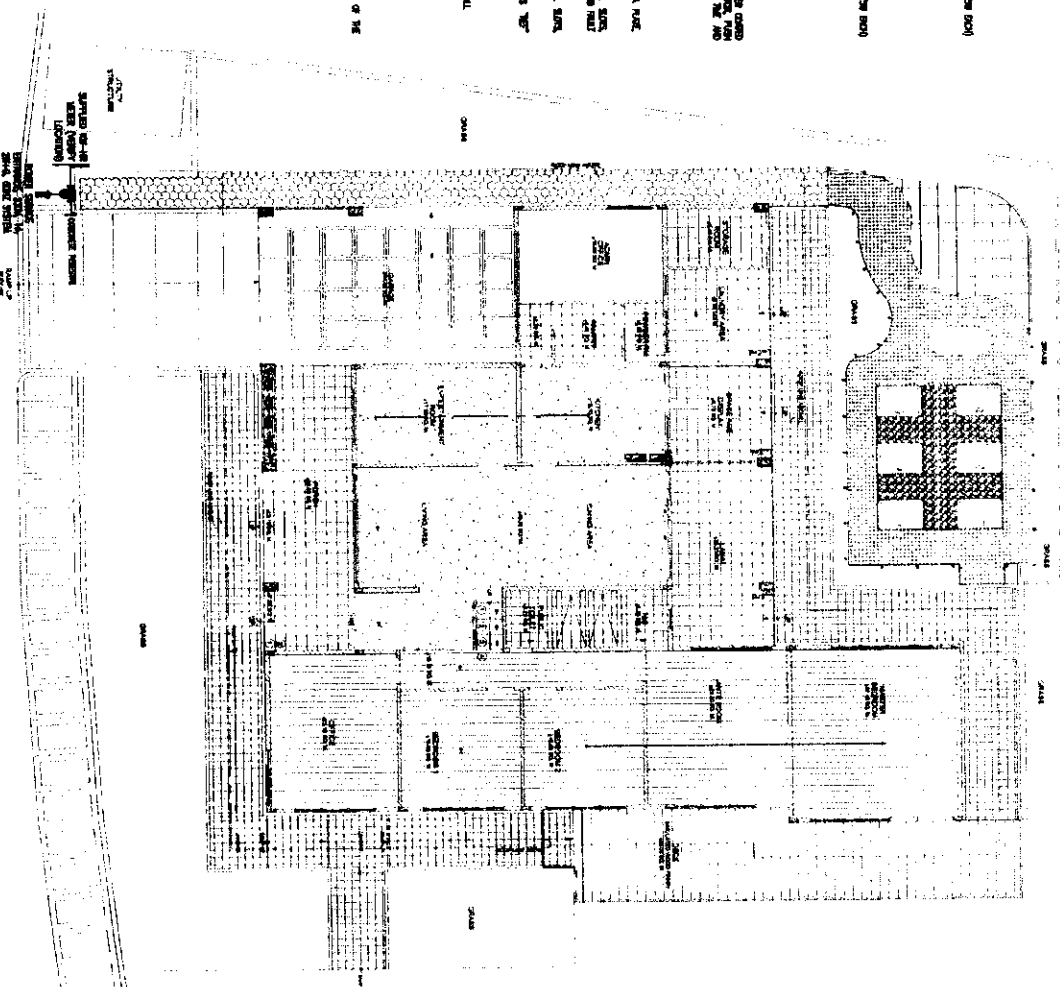
	CHARGED BILL
EC-01	GENERAL MAINT, LUBRICATION, REPAIRS, ETC., SEE REBUILDING
EC-02	GENERAL FLOOR LAMINATE AND FLOOR SCREED LAYERS
EC-03	SEE REBUILDING/REPAIRS STRUCTURE LAYOUT
EC-04	LOAD BEARING, REPAIRS CONCRETE, STEEL REINFORCING, BRICK, MASONRY, STUCCO, LIME PLASTER, VULCANIZING, COALITION AND STONE CEMENT MASONRY

(2)
(E-01)



1. MEMBERS OF THE STATE BOARD COMMISSION TO STUDY CIVIL DISSENTORS SHALL BE FREE OF LIABILITY FOR FLAMES COMMISSION IN CONNECTION WITH ELECTRONIC COMMUNICATIONS.
2. ALL COMMISSIONERS SHALL HAVE COMMITTEES TO CO-ORDINATE THE STATE BOARD COMMISSION TO STUDY CIVIL DISSENTORS FOR THE PURPOSE OF CONDUCTING RESEARCH AND ANALYSIS OF THE CIVIL DISSENTORS.
3. MEMBERS OF THE BOARD COMMISSION TO STUDY AND ANALYZE THE CIVIL DISSENTORS SHALL BE FREE OF LIABILITY FOR FLAMES COMMISSION IN CONNECTION WITH ELECTRONIC COMMUNICATIONS.
4. ALL COMMISSIONERS TO STUDY THE CIVIL DISSENTORS, IN ORDER TO BE ELIGIBLE FOR THE STATE BOARD COMMISSION TO STUDY CIVIL DISSENTORS SHALL BE PROVIDED WITH THE NECESSARY INFORMATION TO CONDUCT RESEARCH AND ANALYSIS OF THE CIVIL DISSENTORS.
5. MEMBERS OF THE BOARD COMMISSION TO STUDY AND ANALYZE THE CIVIL DISSENTORS SHALL BE FREE OF LIABILITY FOR FLAMES COMMISSION IN CONNECTION WITH ELECTRONIC COMMUNICATIONS.

5-11-72



Republica de Phoenix
L'unguagiu ng Queson
DEPARTMENT of ENGINEERING
Dane Center Building 8, City Hall Compound, Angkor Wat
District, Chamre 1100 Chamre City
Telephone: +85 1 8888 4264
E-mail address: engineering@republica.gov.ph

IMPROVEMENT OF BAHAY
MODERNISMO AT QUEZON CITY
MEMORIAL CIRCLE
(ADDITIONAL ITEMS)

AS SHOWN

ENGINEERED BY ELECTRICAL ENGINEERS

ENGR. FREDERICK W. DE GUZMAN
CHIEF, PLANNING AND DESIGN DIVISION

ACT. II

EL-01

A circular logo with a vertical line through the center. The left half contains the text 'FE-04' and the right half contains the number '1'.

PART: 1P
 MATERIAL: MEAN 1, SURFACE LOCATED WITH GRAY POWDERED
 PRIMER WITH 60/10-100MESH, BLOCK FOR
 SILD GROUND BOX
 LOCATIONS AS PER PLAN

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STUDY



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2. $\frac{1}{2}$ 

THE CAP

AS SHOMAN

ENGINEER

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EL-04

1 GENERAL NOTES

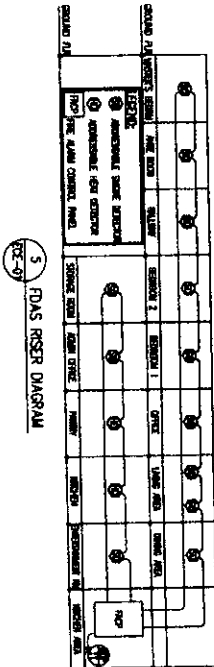
- ALL ELECTRICAL WORKS HEREIN SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND ORDINANCES OF THE LOCAL GOVERNMENT, AND THE REQUIREMENTS OF THE LOCAL ELECTRICAL CODE (L.E.C.) OR SERVICE PROVIDED AND SHALL COMPLY WITH THE APPLICABLE RULES AND REGULATIONS OF THE L.E.C. (L.E.C. REFERRED TO AS THE L.E.C. AND OR ELECTRICAL CODE OF 2001).
- ALL ELECTRICAL WORKS HEREIN SHALL BE DONE UNDER THE DIRECT AND IMMEDIATE SUPERVISION OF A QUALIFIED LICENSED AND EXPERIENCED ELECTRICIAN.
- ALL EQUIPMENT, COMPONENTS, WIRING AND INSTALLATION OF ALL ITEMS REQUIRED OR IMPLIED IN THE PLANS SHALL BE NEW, (U.S. MANUFACTURED) LISTED AND APPROVED FOR USE.
- THE INSTALLATION OF LOW VOLTAGE COMPONENTS, ASSOCIATED EQUIPMENT AND WIRING SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION AND INSTALLATION.
- THE CONDUCTOR/INSULATOR SHALL OBTAIN PROPER INSULATION PROPERTIES AND ADHERE TO CABLE MANUFACTURER'S REQUIREMENT FOR BENDING RADIUS, PULING TENSION, CABLE STAKE, CABLE FILL, ETC.
- ALL VOICE, DATA, VIDEO, AND OTHER ELECTRONIC RELATED CABLES SHALL BE WHEN OR CONCEALED IN A CONDUIT, TRUNKING, PULLBOX, RACEWAY AND OTHER CABLE DUCT SYSTEMS.
- ALL ELECTRICAL CABLES, BONES AND EQUIPMENT SHALL BE PROPERLY GROUNDING AND BONDING.
- WORKER NECESSARY MAINTENANCE OF PROTECTIVE AND OVERCURRENT SHALL BE PROVIDED THROUGHOUT THE WORK.
- ALL CONDUIT SYSTEMS SHALL BE PROTECTED BY THE PROTECTIVE DEVICES THROUGHOUT THE ENTIRE SYSTEM.
- THE CONDUCTOR/INSULATOR SHALL FULLY COMPLY WITH THE DESIGN, EQUIPMENT, JOINTS, WIRING CONNECTIONS OF ALL ELECTRICAL SYSTEMS WITH THE PROJECT UNLESS OTHERWISE SPECIFIED OR STATED ON THE PLANS.
- THE CONDUCTOR/INSULATOR SHALL BE NOTED TO ADAPTATION OR INTERFERE DESIGN CHANGES FOR THE EXISTING LOCATION AND MAINTAINING HEAD OF ALL NOBLE WIRING DEVICES EQUIPMENT AND MATERIALS.
- THE ELECTRICAL CONDUCTOR SHALL PROVIDE SHUT DOWNING IN ANY CHANGES IN THE DESIGN SUCH AS MOVING HEAD OF LOCATION OF THE DEVICE/EQUIPMENT FOR THE APPROVAL OF ARCHITECT OR ENGINEER.
- ANY DISCREPANCIES BETWEEN PLANS AND SPECIFICATION, CONTACT WITH OTHER TRADE OR SITE CONDITIONS SHALL BE REFERRED TO ARCHITECT AND/OR ENGINEER.
- THE CONDUCTOR/INSULATOR SHALL BE RESPONSIBLE TO CONDUCT ALL ACCEPTANCE TESTING WITH THE APPROVED AND QUALIFIED TESTING EQUIPMENT IN THE PRESENCE OF THE AUTHORIZED OFFICIAL REPRESENTATIVE AND PROJECT OWNER.
- THE INSTALLATION WORKMANSHIP TESTING, DOCUMENTATION AND ADMINISTRATION MUST BE OF THE HIGHEST QUALITY.
- THE ELECTRICAL CONDUCTOR SHALL SECURE ALL NECESSARY PERMITS AND ALL TESTS REQUIRED FOR THE WORK AND SHALL FURNISH THE OWNER THROUGH THE ENGINEER FINAL CERTIFICATE OF ELECTRICAL INSPECTION AND APPROVAL FROM PROJECT.

2 NOTES

- SHAKE DETECTOR SHALL BE PROVIDED BY CONDUCTOR UNDER THE ACTING WIRING AND CONDUIT FOR ADDITIONAL ADDRESSABLE CONTROL DEVICES IN THE PLANS.
- ALL ADDRESSABLE SHAKE DETECTORS INSTALLED IN THE BUILDING PLANS SHALL BE EQUIPPED WITH ACTUAL SITE CONTROL.
- THE FIRE CONDUIT SHALL BE PROPERLY CONDUITED IN ANY CHANGES IN THE SHAKE DETECTOR UNLESS AS WELL AS WIRING CONNECTIONS.
- SHAKE DETECTOR/SHAKE DETECTORS SHALL BE OF THE SAME BRAND AND MODEL AS THE EXISTING UNITS ON SITE.

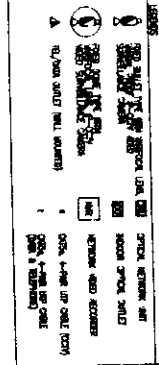
3 TESTING

- SUBMIT TEST REPORT.
- CONDUCT SHAKE TEST PRIOR TO ACTIVATION AT WALL PLUG.
- ALL TESTING SHALL BE WITNESSED BY WALL DETERMINING PERSONNEL.
- COORDINATE WITH WALL DETERMINING PERSONNEL.



3 FMS RISER DIAGRAM

4 LEGENDS



CONE CONDUIT RLL DRY		
NUMBER OF RAIS	WIRE	CONDUIT SIZE
1	DR 3/4 (1/2 MIN)	1/2 MIN
2	DR 3/4 (1/2 MIN)	3/4 MIN
3	DR 3/4 (1/2 MIN)	1 MIN
4	DR 3/4 (1/2 MIN)	1 1/4 MIN
5	DR 3/4 (1/2 MIN)	1 1/2 MIN
6	DR 3/4 (1/2 MIN)	2 MIN
7	DR 3/4 (1/2 MIN)	2 1/4 MIN
8	DR 3/4 (1/2 MIN)	2 1/2 MIN
NOTE: CALCULATED BASED ON 3000 PSI CABLE RLL		

