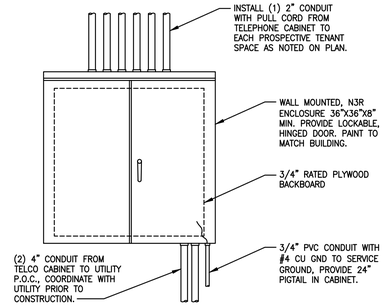
LCP GR1408 SCHEDULE

RELAY	Circuit	LOAD SERVED	CONTROL TYPE	VOLTAGE
1	HA–1	SOUTH PARKING LIGHTING	TC On / PC Off	277
2	HA–3	SITE MONUMENT	TC On / PC Off	277
3	HA–5	BUILDING LIGHTING EAST	TC On / PC Off	277
4	LA–41	BUILDING LIGHTING WEST	TC On / PC Off	120
5			TC On / PC Off	277
6			TC On / PC Off	277
7			TC On / PC Off	277
8			TC On / PC Off	277

TC = TIMECLOCK
PC = PHOTOCELL

NOTES:
1) PANEL SHALL HAVE INTEGRAL PROGRAMMABLE ASTRONOMIC TIMECLOCK
2) PANEL SHALL HAVE 2–HOUR OVERRIDE SWITCH
3) ALL CONTROL ZONES SHALL BE CLEARLY IDENTIFIED
4) E.C. SHALL COORDINATE WITH LCP MANUFACTURE FOR ALL REQUIREMENTS NEEDED
5) CONTROL ASSEMBLY OR COMPONENTS SHALL COMPLY WITH UL 508A LISTING AND NEC 409.2 / 409.110 REQUIREMENTS.
6) PANEL ASSEMBLY SHALL BE RATED MIN 5K SCCR



TELEPHONE CABINET

N.T.S.

SITE GENERAL NOTES

A. THIS ELECTRICAL UTILITIES SITE PLAN IS FOR REFERENCE ONLY. NO CONSTRUCTION IS TO BEGIN UNTIL FINAL UTILITY COMPANY PLANS ARE RECEIVED. UTILITY COMPANY DESIGN IS NOT AVAILABLE AT THIS TIME. ADDITIONAL WORK WILL BE REQUIRED.

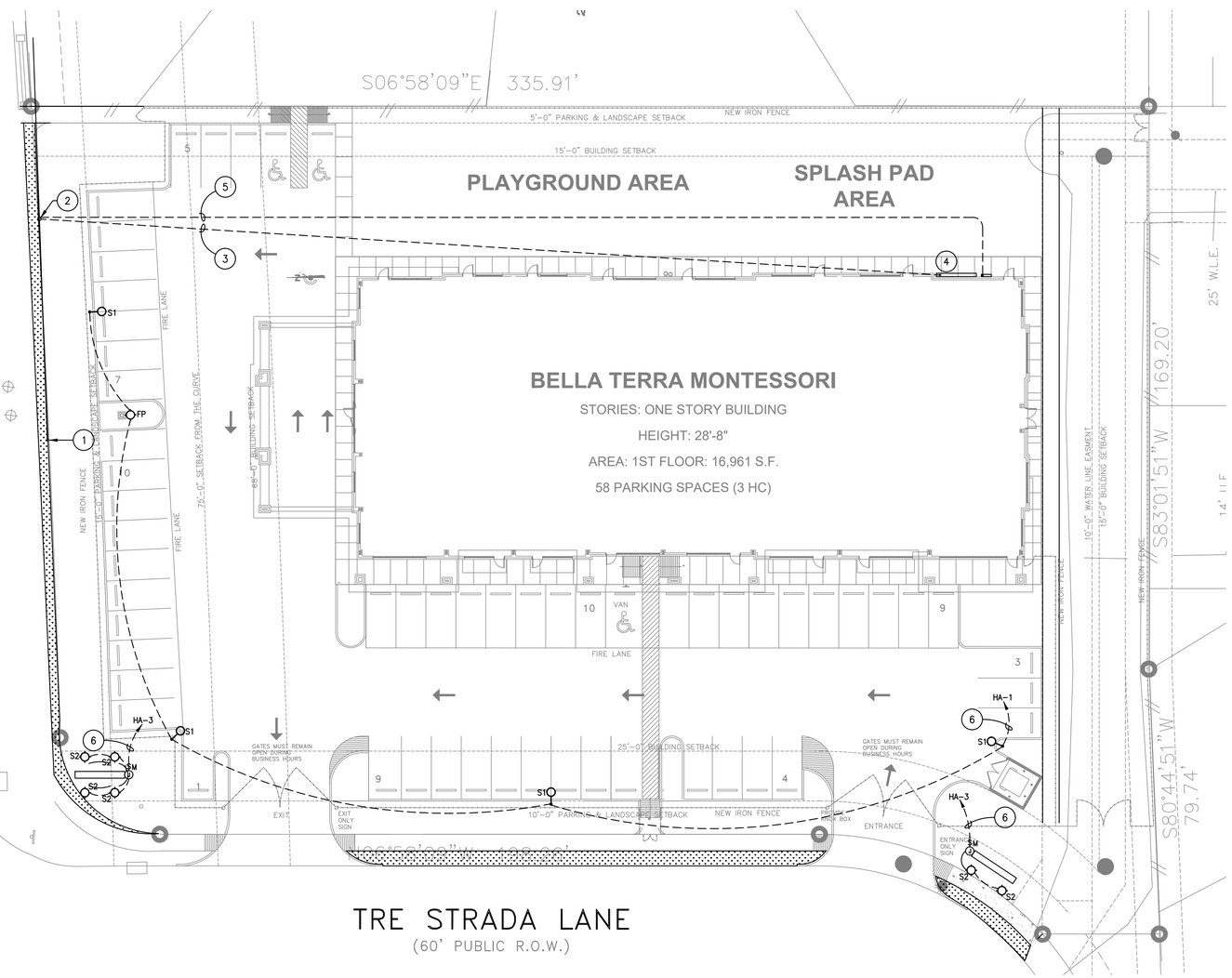
B. ALL WORK SHALL BE PER UTILITY COMPANY CONSTRUCTION STANDARDS AND SPECIFICATIONS. PROVIDE CONDUIT SPACERS THROUGHOUT AND CONCRETE ENCASEMENT WHERE FEEDERS PASS UNDER DRIVEWAYS AND OR PARKING LOTS.

C. ALL TRANSFORMER BOXES, METER PANELS, ELECTRICAL EQUIPMENT AND MISCELLANEOUS UTILITY EQUIPMENT SHALL BE PAINTED TO MATCH ADJACENT BUILDING COLORS WHERE SCREENING IS NOT APPLICABLE. COORDINATE WITH UTILITY PRIOR TO PAINTING.

D. SEE SHEET E0.1 GENERAL NOTES FOR ADDITIONAL UTILITY COORDINATION NOTES.

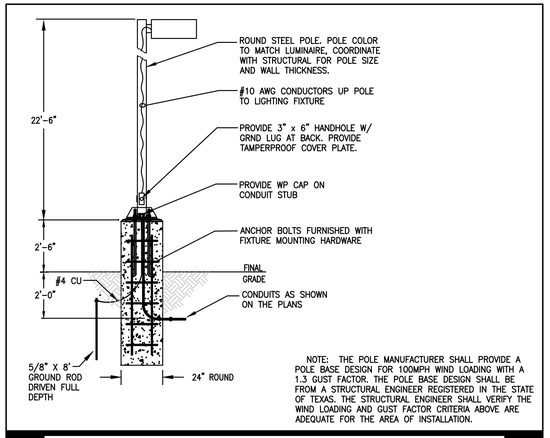
(X) SITE KEYED NOTES

1. EXISTING CPE POWER POLE AND OVERHEAD POWER LINES.
2. NEW POWER POLE PER CPE REQUIREMENTS WITH NEW POLE MOUNTED UTILITY TRANSFORMERS.
3. PROVIDE (3) 4" SECONDARY CONDUITS FROM NEW UTILITY COMPANY TRANSFORMERS TO CABLE TAP BOX. COORDINATE WITH UTILITY COMPANY FOR EXACT QUANTITY, ROUTING AND REQUIREMENTS. TRENCHING AND BACKFILL BY ELECTRICAL CONTRACTOR AS REQUIRED BY THE UTILITY. VERIFY EXACT ROUTING, DISTANCE AND P.O.C. WITH UTILITY PRIOR TO DIGGING.
4. NEW N3R, 800A, 480VY/277V, 3PH, 4W SERVICE. SEE ONE–LINE DIAGRAM FOR DETAILS.
5. TELE CO. SERVICE CONDUIT BY ELECTRICAL CONTRACTOR. PROVIDE (2) 4"C. FOR CONSOLIDATED COMMUNICATIONS FROM DEMARCATION CABINET TO RESPECTIVE TELCO HANDHOLE AS REQUIRED. INSTALL MULETAPE THROUGHOUT. TRENCHING AND BACKFILL BY ELECTRICAL CONTRACTOR AS REQUIRED BY THE UTILITY. VERIFY EXACT ROUTING, DISTANCE AND P.O.C. WITH UTILITY PRIOR TO DIGGING.
6. ROUTE LIGHTING HOME RUN THROUGH LIGHTING CONTROL PANEL OR TIME CLOCK AS REQUIRED FOR CONTROL.



SITE PLAN

1"=20'–0"



NOTE: THE POLE MANUFACTURER SHALL PROVIDE A POLE BASE DESIGN FOR 100MPH WIND LOADING WITH A 1.3 GUST FACTOR. THE POLE BASE DESIGN SHALL BE FROM A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF TEXAS. THE STRUCTURAL ENGINEER SHALL VERIFY THE WIND LOADING AND GUST FACTOR CRITERIA ABOVE ARE ADEQUATE FOR THE AREA OF INSTALLATION.

1 POLE-MOUNTED FIXTURE DETAIL

N.T.S.

Power Company: CENTERPOINT ENERGY
Designer:
Telephone #:

Telephone Company:
Telephone #:

Submit drawings to Utility Company representative as required in the General Notes included in the Electrical Drawings.

CALL 4–7 WORKING DAYS BEFORE YOU DIG
1-713-223-4567
1-800-669-8344
TEXAS – LONE STAR NOTIFICATION CENTER

TEXAS ENGINEER FIRM REGISTRATION #F-15201

ASEIENGINEERING 25329 Budde rd. #402. Spring, TX 77380 aseiengineering.com o 713.300.9579

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JOB NO: 190000
DFT: SAS
DSN: EV
CHK: CS

THE MONTESSORIOM AT BELLA TERRA

23421 FM 1093 RD.
RICHMOND, TX 77406

NO.	DESCRIPTION	DATE
1	FINAL SCHEME	02.01.19
2	REV.FINAL SCHEME	02.07.19
3	PERMIT	05.24.19

Radian ARCHITECTURE
Sugar Bridge Road 3/4/7/8
Sugar Land, Texas 77478
TEL (713) 933 0507
FAX (713) 933 0512

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CHRIS L. SARMIENTO
105835
LICENSED PROFESSIONAL ENGINEER
Date Signed: 05/24/19

Project No.	1801.74
Date	02/11/19
Drawn by	JG
Checked by	NL

Sheet No.

E1.1