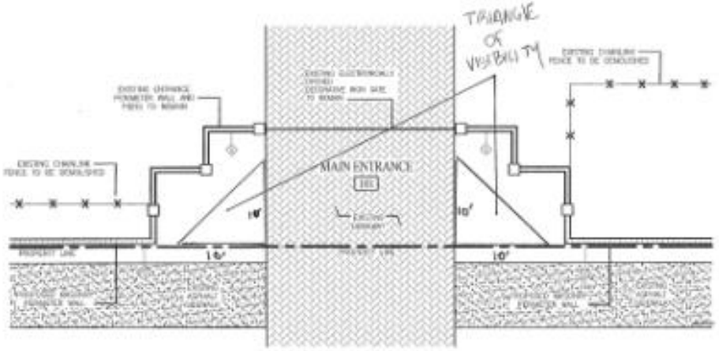
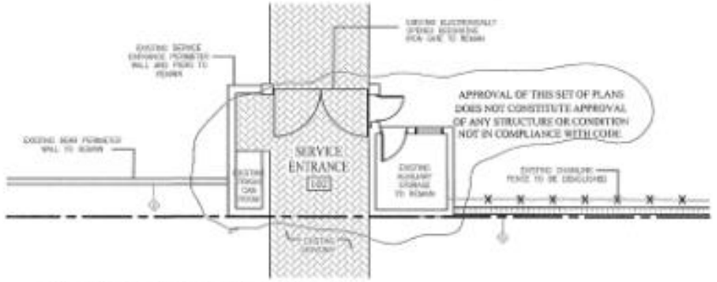
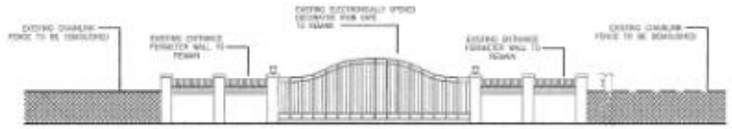


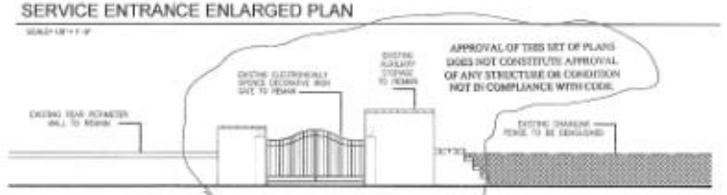
MAIN ENTRANCE ENLARGED PLAN



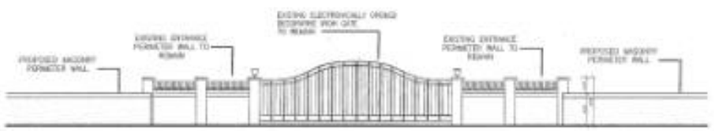
SERVICE ENTRANCE ENLARGED PLAN



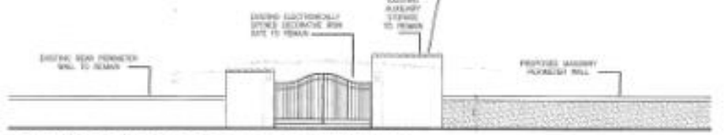
EXISTING MAIN ENTRANCE ELEVATION



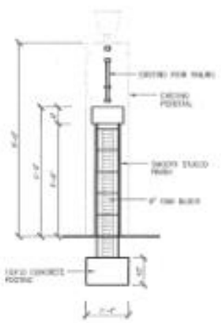
SERVICE ENTRANCE EXISTING ELEVATION



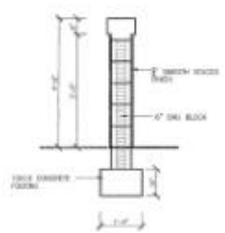
PROPOSED MAIN ENTRANCE ELEVATION



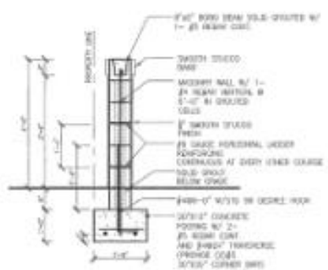
SERVICE ENTRANCE PROPOSED ELEVATION

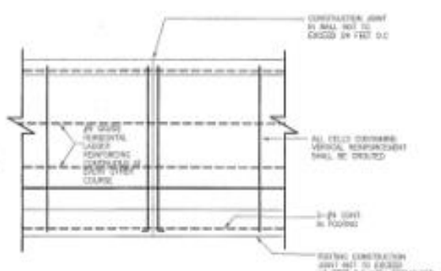


1 EXISTING ENTRANCE WALL DETAIL
FOR REFERENCE ONLY V.I.F



2 EXISTING REAR PERIMETER WALL DETAIL
FOR REFERENCE ONLY V.I.F





DESIGN REQUIREMENTS
WIND LOAD: 25 psf, ASCE7-10
CMU: f'm=1500 psi
MORTAR: ASTM type S
REINFORCING: f'y =60,000 psi
CONCRETE: 4,500 psi UON

3 PROPOSED PERIMETER WALL DETAIL
SCALE 1/2"=1'

OCT 31 2018

ISSUED FOR PERMIT

CODE COMPLIANCE

CORAL GABLES HISTORIC PRESERVATION
FLORIDA BUILDING CODE, 2017 EDITION

SCOPE OF WORK:

1. EXISTING CHAINLINK FENCE TO BE DEMOLISHED
2. INSTALL NEW 6' HIGH CMU MASONRY PERIMETER WALL (TO MATCH EXISTING PERIMETER WALL ON EAST SIDE OF PROPERTY)
3. PROTECT ALL EXISTING G TREES. NO TREES TO BE REMOVED, RELOCATED OR DAMAGED DURING INSTALLATION
4. PROTECT EXISTING PALMS. RELOCATE PALMS IF NEEDED
5. EXISTING ENTRANCE GATE AND DRIVEWAY TO REMAIN
6. EXISTING SERVICE ENTRANCE AND DRIVEWAY TO REMAIN

STRUCTURAL NOTES:

LOADS

DESIGN CRITERIA: FBC 2017
WIND LOAD: 25 PSF
ASCE 7-10, CAT II, EXP C, V=95 MPH, I=1.00

FOUNDATION

THE FOUNDATION SHALL CONSIST OF CONCRETE CONCRETE WALL FOOTING.

ALL REINFORCED CONCRETE SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH CURRENT EDITIONS OF THE "SPECIFICATION FOR STRUCTURAL CONCRETE FOR BUILDINGS" (ACI 301) AND TO THE "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" (ACI 318).

ALL CONCRETE UNLESS NOTED OTHERWISE, SHALL BE STONE AGGREGATE CONCRETE HAVING A MINIMUM COMPRESSIVE STRENGTH OF 4500 PSI AT 28 DAYS U.N.O.

ALL REINFORCING BARS SHALL CONFORM TO ASTM A-615 GRADE 60.

ALL CONTINUOUS REINFORCING SHALL BE LAPPED AT ALL SPLICES, CORNERS, AND INTERSECTIONS A MINIMUM OF 48 BAR DIAMETERS, OR AS SHOWN ON DRAWINGS.

PROVIDE SPACERS, CHAIRS, TIES AS REQUIRED AND NECESSARY FOR ASSEMBLING, PLACING, AND SUPPORTING ALL REINFORCEMENT IN PROPER POSITION.

HOT WEATHER CONCRETING SHALL CONFORM TO THE RECOMMENDATIONS IN ACI 305R-77.
MASONRY

MASONRY

ALL MASONRY CONSTRUCTION SHALL CONFORM TO THE CURRENT PROVISIONS OF THE BUILDING CODE REGULATIONS FOR MASONRY STRUCTURES - ACI 530 (ASCE 5), AND SPECIFICATIONS FOR MASONRY STRUCTURES - ACI 530.1 (ASCE 6).

COMPRESSIVE STRENGTH OF MASONRY, f'm = 1500 PSI @ 28 DAYS.

ALL MASONRY WALLS SHALL HAVE GALVANIZED TRUSS TYPE DUR-O-WAL AT 16" VERTICAL INTERVALS WITH CORNER AND "T" PIECES UNLESS NOTED. ALL SPLICES SHALL LAP 6" MIN.

ALL CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C 90, GRADE N-1 NORMAL WEIGHT. MORTAR FOR ALL WORK SHALL BE TYPE S. GROUT FOR FILLING SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH (f'm) OF 3000 PSI, AND SHALL CONFORM TO ASTM C476. PLACE GROUT FILL IN 4'-0" MAXIMUM LIFTS VERTICALLY.

ALL REINFORCING BARS FOR REINFORCED MASONRY CONSTRUCTION SHALL CONFORM TO ASTM A-615 GRADE 60. LAP LENGTH SHALL BE MINIMUM 48 BAR DIAMETERS.

RG
REGION STUDIO

IGI Consulting LLC
[redacted]

STRUCTURAL & CIVIL ENGINEERING

YAMIL IGIRI, P.E
FL REG. #[redacted]
[redacted]

GRATTAN RESIDENCE
7901 OLD CUTLER,
CORAL GABLES, FL 33143

NEW PERIMETER WALL

7901 OLD CUTLER, CORAL GABLES, FL 33143

STATE OF FLORIDA — REGISTERED ARCHITECT

10/29/19

PROPOSED PERIMETER WALL

Project Number	1082-2019
Issued for	PERMIT
Issued date	10.29.19
Sheet #	A-02