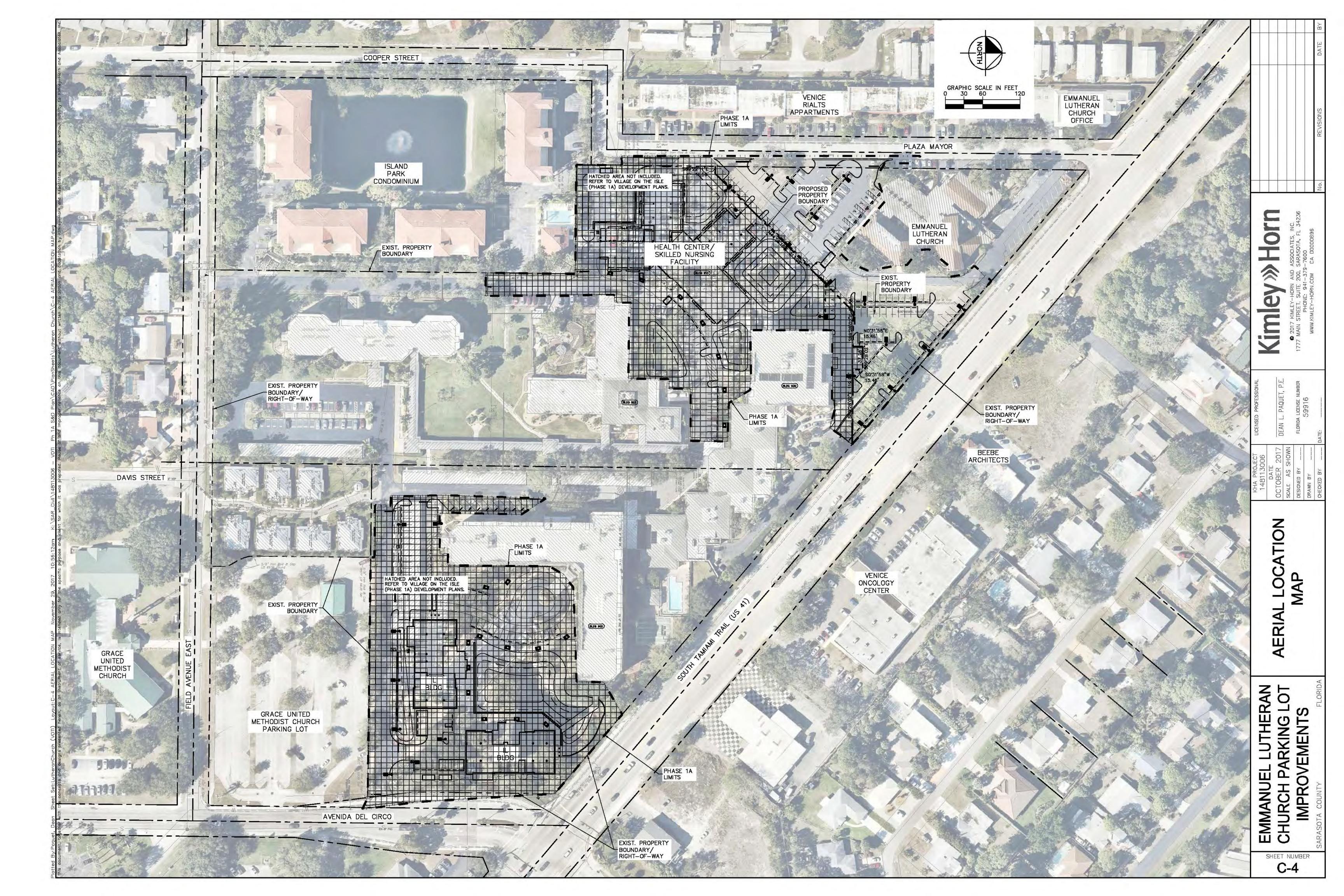


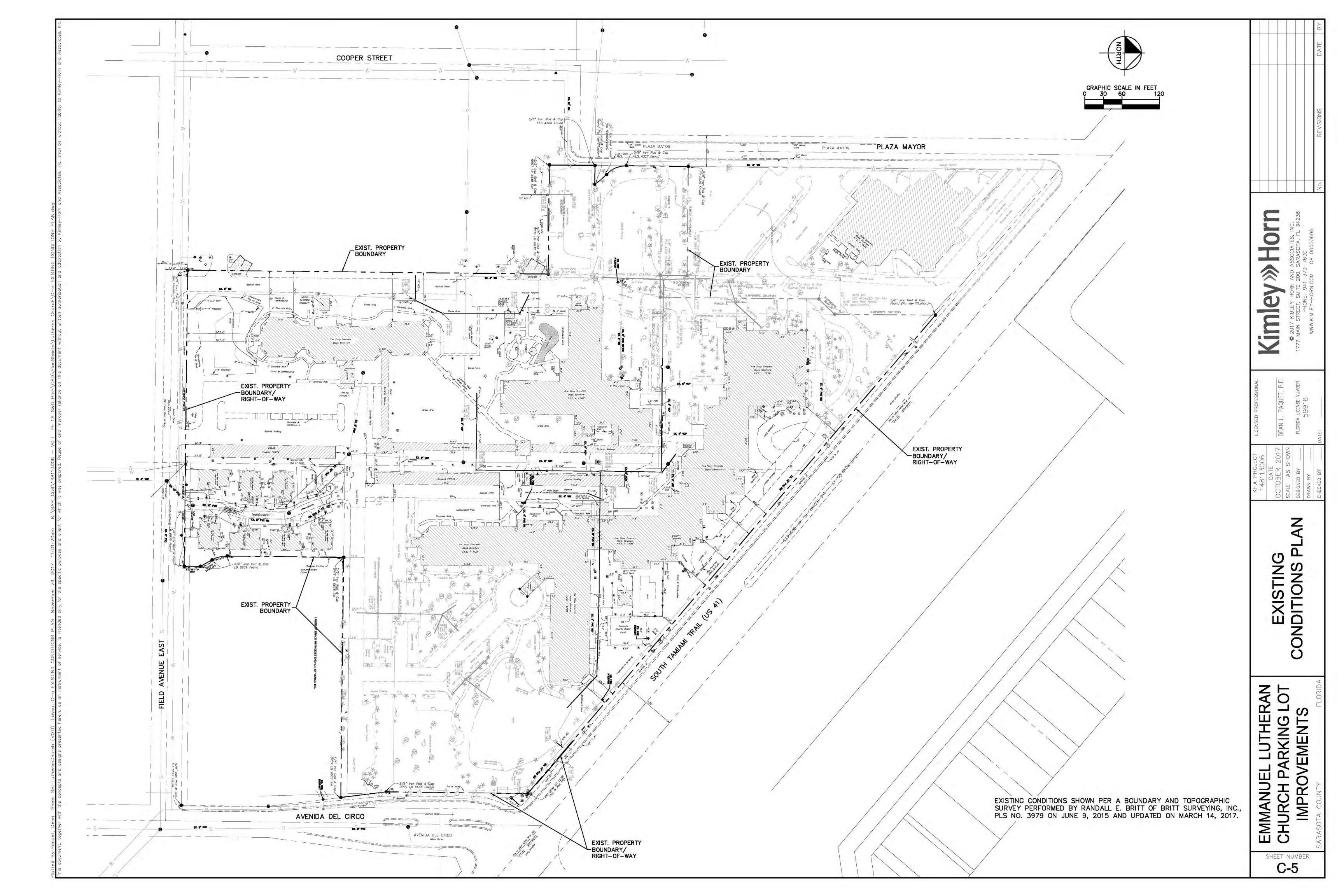
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|----------------------|---|--|---------------------------------|--|-------------------------|------------------------------------|
| 1                    | LAND USE DEVELOPM<br>PRESENT ZONING<br>ABUTTING ZONING      |  | VUD. OPI/VUD, C                 |  |                         |                                    |
|                      |   | S - RSF-<br>E - OPI  | 3, OPI<br>/VUD                  |  |                         |                                    |
|                      | LAND USE:   | W - RMF  | -3/VUD, RMH/V                   | 00   |                         |                                    |
|                      | TOTAL PROPERTY AREA:  | VILLAGE ON TH<br>EMMANUEL LUT  | ie Isle:<br>Heran Church        | 15.50± AC.<br>2.5± AC.   |                         |                                    |
|                      | LAND USE CALCS:<br>TOTAL PROPERTY A                         |  |                                 |  |                         |                                    |
|                      | EXISTING EMMANUEL LUT                                       | THERAN CHURCH  | $= 2.5 \pm AC.$                 |  |                         |                                    |
|                      | PROPOSED LOT SPLIT F  | ROM VOTI TO CHURCH   | = 0.41± AC.                     |  |                         |                                    |
|                      | EMMANUEL LUTHERAN C<br>PARKING REVISIONS                    |  | $SWAP = 2.41\pm$                | AC.  |                         |                                    |
|                      | CHURCH PARKING LOT I  |  |                                 |  |                         |                                    |
|                      | LAND USE DEVELOPMEN   | T DATA:  |                                 |  | DA 697                  |                                    |
|                      | PERVIOUS AREAS  | RETE / WALKWATS  |                                 | =0.23± AC.   | 15.5%                   |                                    |
| LT                   | LOT COVERAGE BY<br>EXISTING PROPERTY: BUI                   |  | 18,737 SF                       |  |                         |                                    |
| AT P                 | PROPOSED PROPERTY:  |  |                                 | 7 SF = 0.43 AC.  |                         |                                    |
| AMAKE RIVER          | 2 Parts   | TAL PROPERTY:<br>TAL COVERAGE:   | 2.41 AC.<br>0.43/2.41           | = 17.8%  |                         |                                    |
| S                    | ALLOWABLE LOT COVER   |  | 30%                             |  |                         |                                    |
| $\square$            | FLOOR AREA RATIO  |  | = 2.5 AC.                       |  |                         |                                    |
|                      | PROPOSED AREA (AFTER<br>EXISTING PROPERTY                   | <pre>{ LAND SWAP) = 2.41</pre>   | AC. (104,979 S                  | F)   |                         |                                    |
|                      | GROSS FLOOR ARE.<br>PROPOSED PROPERTY                       | A = 18,737 SF  |                                 |  |                         |                                    |
|                      | gross floor are.<br>Far                                     | A = 18,737 SF<br>= 18,737 / 104  | 4,979 = 0.18                    |  |                         |                                    |
|                      | WATER AND SEWER   | <u>:</u>   |                                 |  |                         |                                    |
|                      |   |  |                                 |  |                         | SHOWN ON UTILITY                   |
|                      |   |  |                                 | NUD  SEE AA.  SEE AA. |                         |                                    |
|                      | WITH AN EASEMENT FO<br>IRRIGATION:<br>IRRIGATION WILL BE PR |  |                                 |  |                         |                                    |
|                      | REFUSE COLLECTIO  |  | RIGHTON STOR                    |  |                         |                                    |
|                      | RESIDENTIAL:<br>SOLID WASTE / RECYCL                        |  | PROVIDED BY CIT                 | TY OF VENICE.  |                         |                                    |
|                      | PARKING LOT:  |  |                                 |  |                         |                                    |
|                      | PARKING LOT TO BE PR  |  |                                 |  |                         |                                    |
|                      | REQUIRED PARKING<br>CHURCH: 1 SPACE FOR<br>330 SEATS =      |  |                                 |  |                         |                                    |
|                      | PROVIDED PARKING<br>EXISTING PARKING:<br>CHURCH: 140 SP/    | PRO  | POSED PARKING:<br>CHURCH: 137 1 |  |                         |                                    |
|                      | BUILDING SETBACKS:<br>BASED OPI/VUD ON ZO                   | NING   |                                 |  |                         |                                    |
|                      | 20' FRONT; 10' SIDE<br>BUILDING DEFINITION:                 |  |                                 |  |                         |                                    |
|                      | EXISTING CHURCH BUILT                                       | DING. NO MODIFICATION  | IS TO THE EXIST                 | ING CHURCH ARE   | PROPOSED.               |                                    |
|                      | EXISTING & PROPOSED   | EASEMENTS SHOWN OF   | N PLANS.                        |  |                         |                                    |
|                      |   |  |                                 |  |                         | ANY CONSTRUCTION OR                |
|                      | FEMA DESIGNATION:   | ARDANCE WITH SARAS   | INTA CODINTE CO                 | DE. SECTION 54-3   | 104 (u).                |                                    |
|                      | THE SITE IS LOCATED A<br>CONSTRUCTED ABOVE 1                |  |                                 | 115C0329F. ALL H   | ABITABLE FINISHED FLOOR | ELEVATIONS SHALL BE                |
|                      | STATEMENT OF OWNE<br>CURRENT OWNER: EMM                     | An an and the second  | State State States              |  |                         |                                    |
|                      | STATEMENT OF STOR   |  |                                 |  |                         |                                    |
|                      |   |  |                                 |  |                         |                                    |
|                      | "COMMON AREAS" INCL   | UDING, BUT NOT LIMIT   | ED TO, PRIVATE                  | RECREATION AREA  | S, OPEN SPACE AND LAND  | DSCAPED AREAS,                     |
|                      | CONTROL OF THE FUTU   |  |                                 |  |                         |                                    |
|                      | ALL SIDEWALK STREET   | CROSSINGS AT CURBS.<br>HAPTER 11 OF THE FL   | , GUTTERS AND<br>ORIDA BUILDING | INTERSECTIONS SH   | ALL COMPLY WITH BOTH T  | HE FLORIDA<br>DETAIL REQUIREMENTS. |
| W PERMIT.<br>ERMITS. | ENVIRONMENTAL AND   | and a first state of the last state of the s |                                 |  |                         |                                    |
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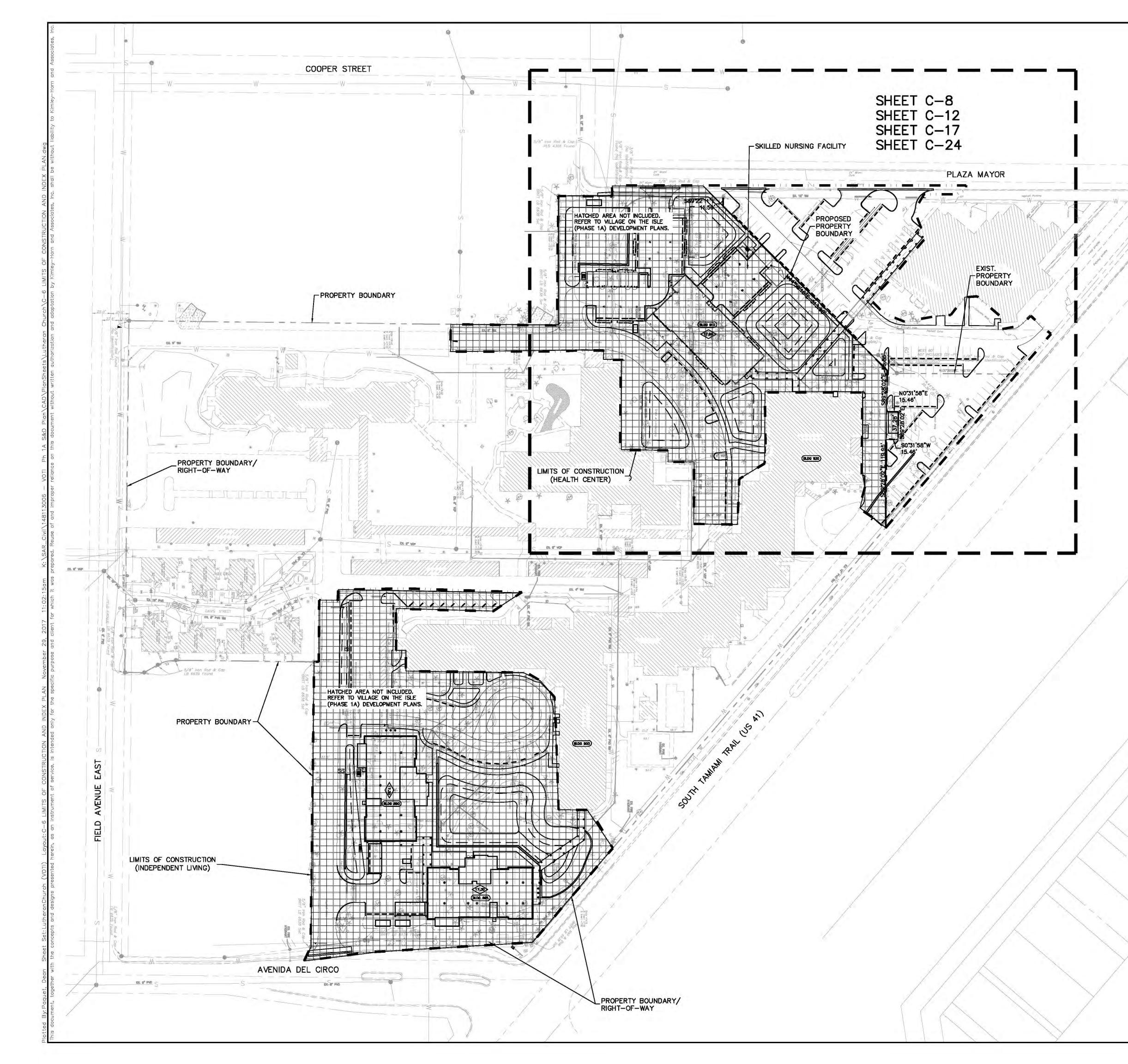
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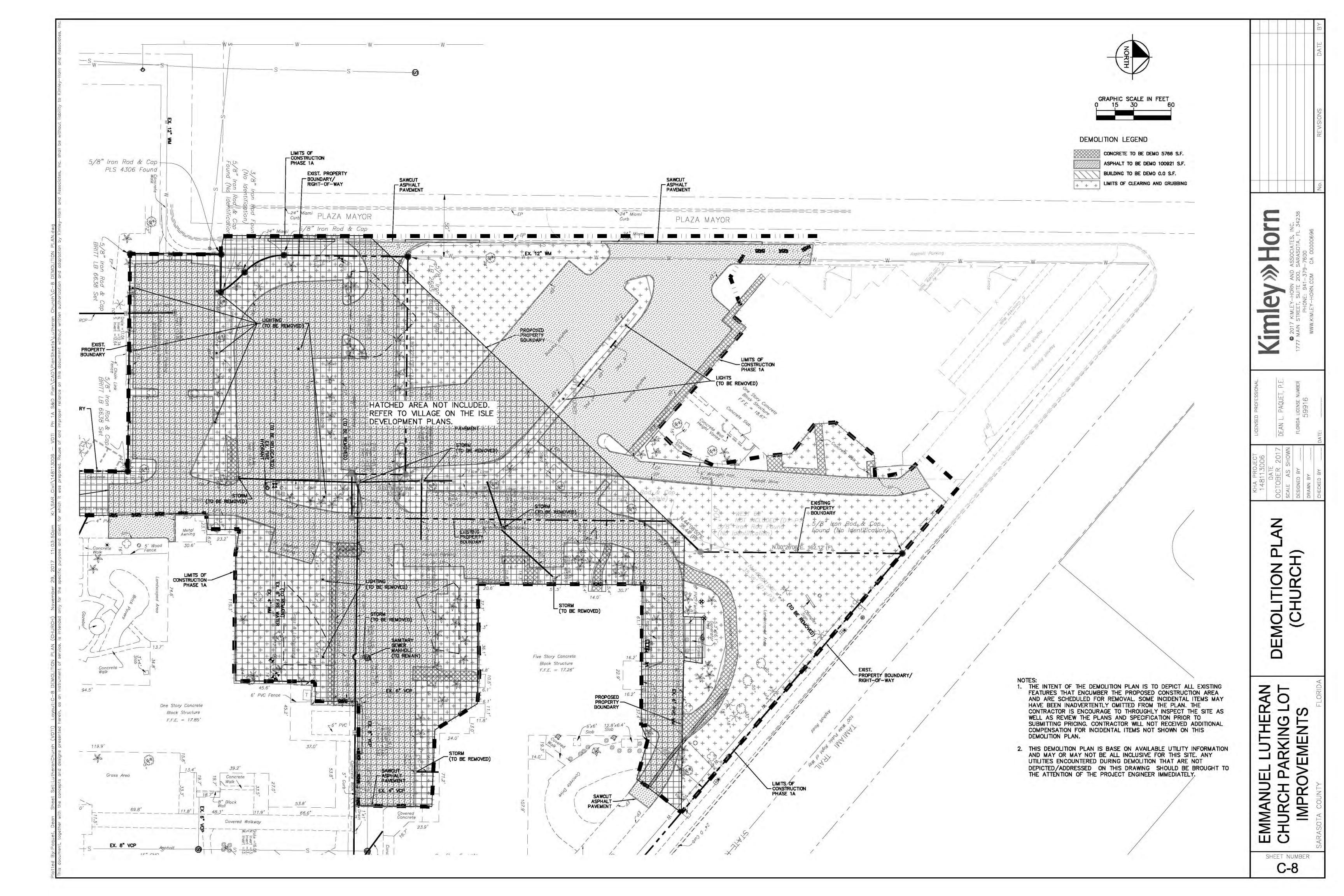
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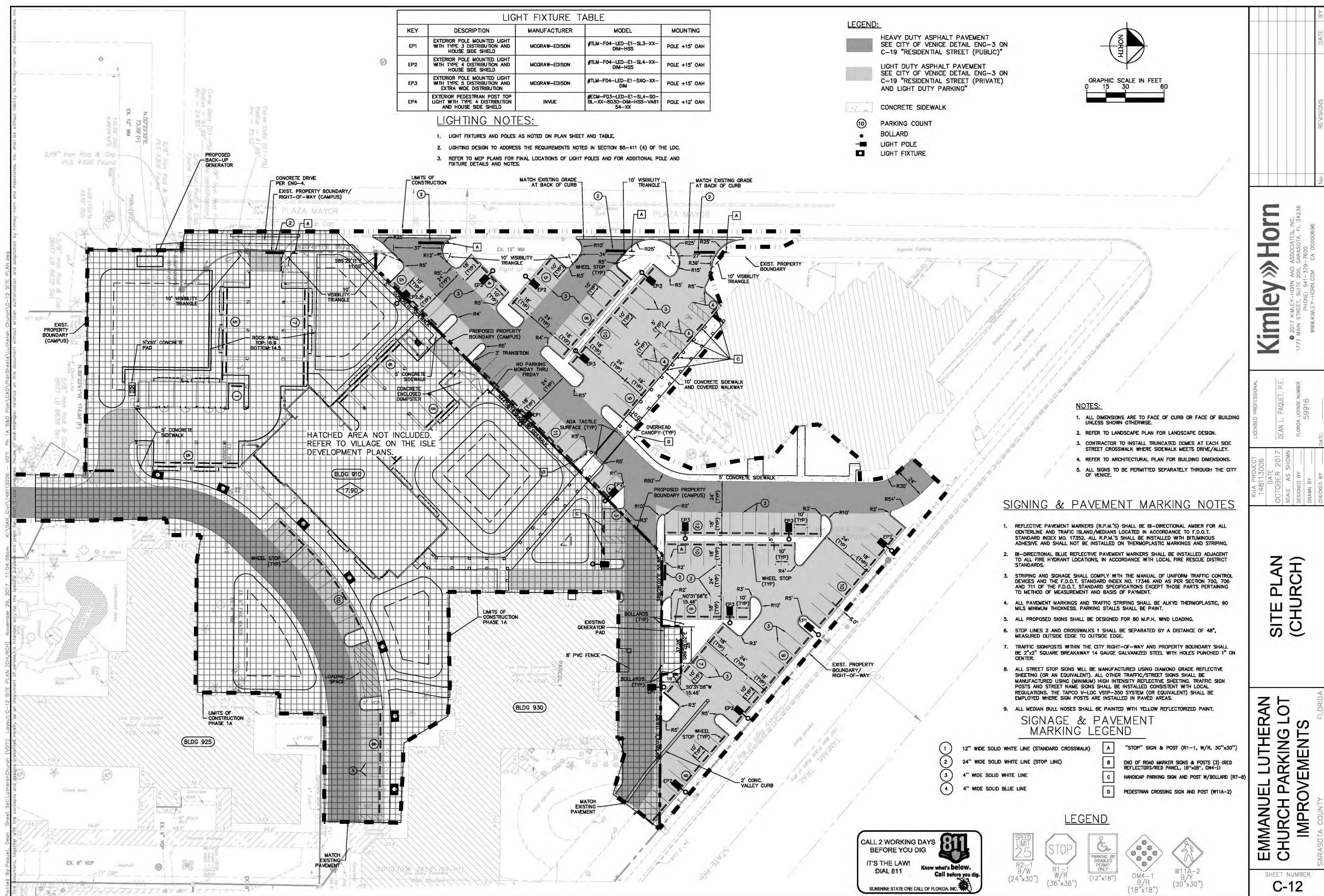




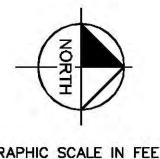


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|                                      | REVISIONS  |
|                                      | <b>Kimley</b> Morn<br>© 2017 KIMLEY-HORN AND ASSOCIATES, INC.<br>1777 MAIN STREET, SUITE 200, SARASOTA, FL 34236<br>PHONE: 941-379-7600<br>WWW.KIMLEY-HORN.COM CA 00000696   |
|                                      | KHA PROJECT     KHA PROJECT       148113006     148113006       DATE     DATE       OCTOBER 2017     DEAN L. PAQUET, P.E.       SCALE AS SHOWN     DEAN L. PAQUET, P.E.       DESIGNED BY     DEAN L. PAQUET, P.E.       DRAWN BY     59916       CHECKED BY     DATE: |
|                                      | LIMITS OF<br>CONSTRUCTION AND<br>INDEX PLAN  |
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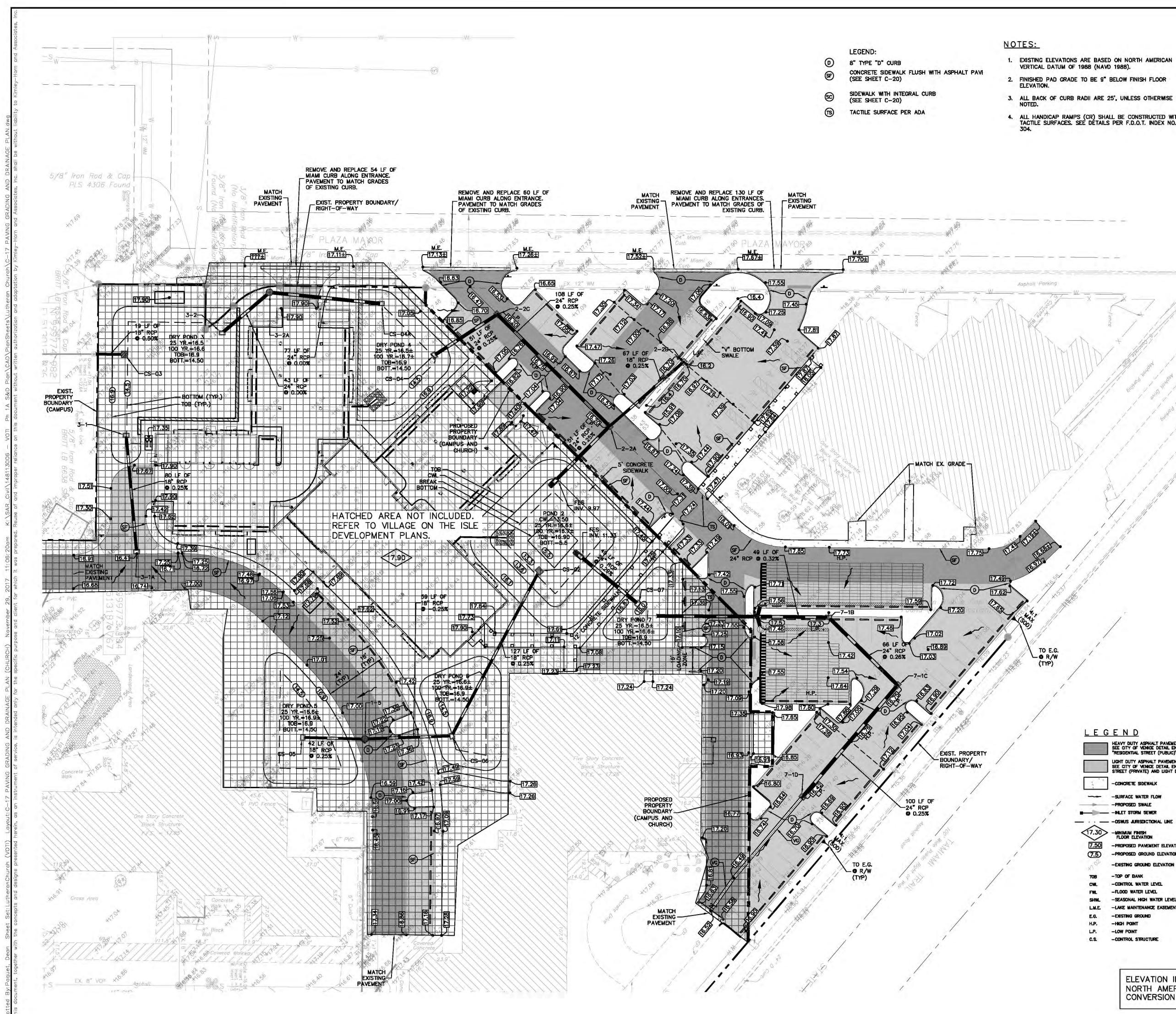


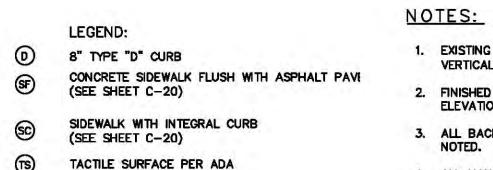
| LIGHT FIXTURE TABLE  |               |   |               |  |  |  |
|--|---------------|---|---------------|--|--|--|
| DESCRIPTION  | MANUFACTURER  | MODEL   | MOUNTING      |  |  |  |
| EXTERIOR POLE MOUNTED LIGHT<br>WITH TYPE 3 DISTRIBUTION AND<br>HOUSE SIDE SHIELD       | MCGRAW-EDISON | #TLM-F04-LED-E1-SL3-XX-<br>DIM-HSS                          | POLE +15' OAH |  |  |  |
| EXTERIOR POLE MOUNTED LIGHT<br>WITH TYPE 4 DISTRIBUTION AND<br>HOUSE SIDE SHIELD       | MCGRAW-EDISON | #TLM-F04-LED-E1-SL4-XX-<br>DIM-HSS                          | POLE +15' OAH |  |  |  |
| EXTERIOR POLE MOUNTED LIGHT<br>WITH TYPE 5 DISTRIBUTION AND<br>EXTRA MIDE DISTRIBUTION | MCGRAW-EDISON | #TLM-F04-LED-E1-5XQ-XX-<br>DIM                              | POLE +15' OAH |  |  |  |
| EXTERIOR PEDESTRIAN POST TOP<br>JGHT WITH TYPE 4 DISTRIBUTION<br>AND HOUSE SIDE SHIELD | INVUE         | #ECM-F03-LED-E1-SL4-S0-<br>BL-XX-8030-DIM-HSS-VA61<br>54-XX | POLE +12' OAH |  |  |  |





| HOLLOCO  |                        |                                     |
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| 8113006  | LICENSED PROFESSIONAL  |                                     |
| DATE     |                        |                                     |
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| AS SHOWN |                        | S017 KIMLEY-HORN AND ASSOCIA        |
| D BY     | FLORIDA LICENSE NUMBER | 1777 MAIN STREET, SUITE 200, SARASO |
| BY       | - 59916 PHC            | WWW.KIMLEY-HORN.COM CA 000          |
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| 11                    |  | CS-03<br>Small Control Structure<br>RIM: 16.60   | 7-18<br>FDOT TYPE C INLET<br>RIM: 17.27                 |
| 1                     | li -   | INV OUT: 12.84 (S)   | INV IN: 11.78 (NE)<br>INV OUT: 11.78 (S)                |
| J.                    |  | 3-1  | 7-1C<br>FDOT TYPE C INLET                               |
| 1                     |  | FDOT TYPE C INLET<br>RIM: 16.13<br>INV IN: 12.92 (E)   | RIM: 16.75<br>INV IN: 11.95 (SE)                        |
|                       |  |  | INV OUT: 11.95 (SW)                                     |
|                       |  | 3-1A<br>FDOT TYPE C INLET  | 7-1D<br>FDOT TYPE C INLET                               |
| /                     |  | RIM: 16.33<br>INV OUT: 13.12 (W)   | RIM: 16.42<br>INV OUT: 12.20 (NW)                       |
| 1                     |  | C5-02  | 2-2A<br>FDOT TYPE C INLET                               |
|                       |  | Small Control Structure<br>RIM: 16.70  | RIM: 16.20<br>INV IN: 10.10 (NW)                        |
|                       |  | INV OUT: 11.82 (SE)  | INV IN: 10.10 (SW)<br>INV OUT: 10.10 (SE)               |
|                       |  | CS-06<br>FDOT TYPE C INLET   | 2-2C<br>FDOT TYPE C INLET                               |
| LEG                   | END  | RIM: 16.90<br>INV IN: 11.50 (S)<br>INV IN: 11.50 (NW)  | RIM: 16.20<br>INV IN: 10.37 (SE)<br>INV OUT: 10.37 (NE) |
|                       | HEAVY DUTY ASPHALT PAVEMENT<br>SEE CITY OF VENICE DETAIL ENG-3 ON C-19   | 1-5  | 00.04   |
|                       | "RESIDENTIAL STREET (PUBLIC)"<br>LIGHT DUTY ASPHALT PAVEMENT<br>SEE CITY OF VENICE DETAIL ENG-3 ON C-10 "RESIDENTIAL | 4FT DIA JUNCTION BOX<br>RIM: 16.94<br>INV IN: 11.35 (S)  | CS-04<br>FDOT TYPE C INLET<br>RIM: 16.70                |
| а <sup>4</sup> б<br>б | STREET (PRIVATE) AND LIGHT DUTY PARKING"<br>CONCRETE SIDEWALK  | INV OUT: 11.35 (N)<br>INV OUT: 13.82 (E)   | INV OUT: 10.50 (NW)                                     |
| <u> </u>              | -SURFACE WATER FLOW  | CS-05<br>FDOT TYPE C INLET   | 2-2B<br>FDOT TYPE C INLET                               |
|                       | -proposed swale<br>-inlet storm sewer  | RIM: 16.90<br>INV OUT: 11.46 (N)   | RIM: 16.20<br>INV OUT: 10.27 (SE)                       |
| 17.30                 | -OSWUS JURISDICTIONAL LINE<br>MINIMUM FINISH   |  |   |
| 7.50                  | FLOOR ELEVATION<br>PROPOSED PAVEMENT ELEVATION<br>PROPOSED CRAINING ELEVATION  | CS-07<br>FDOT TYPE C INLET<br>RIM: 16.70   | 3-2<br>FDOT TYPE C INLET<br>PIM: 16.60                  |
| <b>7.5</b>            | -proposed ground elevation<br>-existing ground elevation   | INV OUT: 11.47 (SW)  | RIM: 16.60<br>INV OUT: 10.70 (NW)                       |
|                       |  |  |   |

# 4. ALL HANDICAP RAMPS (CR) SHALL BE CONSTRUCTED WITH TACTILE SURFACES. SEE DETAILS PER F.D.O.T. INDEX NO. 304.

C.S.

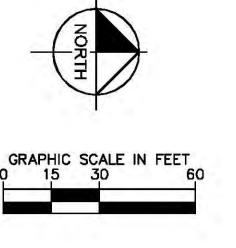
-HIGH POINT

-LOW POINT

-CONTROL STRUCTURE

2. FINISHED PAD GRADE TO BE 9" BELOW FINISH FLOOR ELEVATION.

VERTICAL DATUM OF 1988 (NAVD 1988).



| PAVING GRADING<br>PAVING GRADING     KHA PROJECT     LICENS       PAVING GRADING     DATE     DATE       AND DRAINAGE     DCTOBER 2017     DATE       AND DRAINAGE     SCALE AS SHOWN     SCALE AS SHOWN       PLAN (CHURCH)     DESIGNED BY     DESIGNED BY | ICENSED PROFESSIONAL     | DEAN L. PADUET. P.E. | © 2017 KIMLEY-HORN AND ASSOCIATES, INC. | PHONE: 941-379 | WWW.KIMLET-HUCKN.CUM CA UUUUDSD |
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|  | KHA PROJECT<br>148113006 | DATE<br>OCTOBER 2017 | SCALE AS SHOWN                          | DRAWN BY       | CHECKED BY                      |

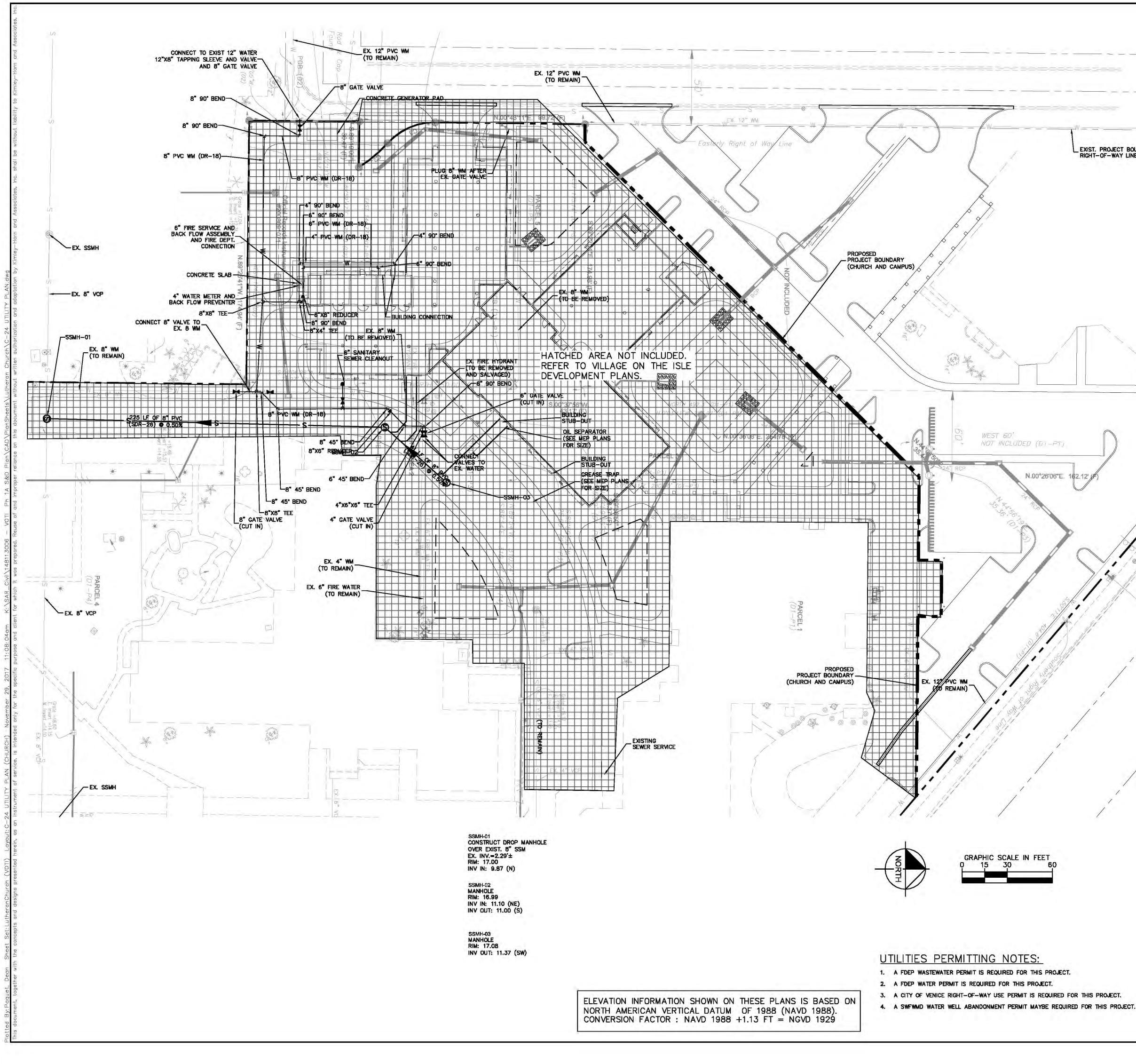
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ELEVATION INFORMATION SHOWN ON THESE PLANS IS BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988). CONVERSION FACTOR : NAVD 1988 +1.13 FT = NGVD 1929

3-2A 4FT DIA JUNCTION BOX RIM: 17.38 INV IN: 10.70 (SE) INV OUT: 10.70 (N)

CS-04A FDOT TYPE C INLET RIM: 16.70 INV IN: 10.70 (S)



EXIST. PROJECT BOUNDARY/ RIGHT-OF-WAY LINE

INSTALLED PER DETAILS IN PLAN SET OR REFERENCED STANDARD DETAILS. 16. POTABLE WATER MAIN WITHIN PROPERTY BOUNDARY IS PRIVATELY OWNED AND MAINTAINED AND DOES NOT REQUIRE AUTO-FLUSHING DEVICES. HOWEVER, THE OWNER IS ENCOURAGED TO USE AUTO-FLUSHING DEVICES TO PROVIDE WATER QUALITY AS NEEDED.

15. UTILITY SYMBOLS ON THE PLAN MAY APPEAR LARGER THAN ACTUAL SIZE OR MOVED FROM INTENDED LOCATION FOR CLARITY. UTILITY APPURTENANCES ARE TO BE

- 12. IRRIGATION DISTRIBUTION MAIN AND SERVICES DESIGNED BY OTHERS. 13. ALL VALVE COVERS AND/OR PADS THAT ARE WITHIN, ADJACENT TO OR IN CLOSE PROXIMITY TO SIDEWALK SHALL BE ADJUSTED TO MATCH SIDEWALK GRADES.

11. DR-14 PIPE TO BE CENTERED ON CROSSING PIPE.

LOCATED OUTSIDE OF SIDEWALK.

- 14. ALL FIRE HYDRANT ASSEMBLIES SHALL INCLUDE A 6"GATE VALVE WHICH SHALL BE

10. PIPE JOINTS SHALL BE RESTRAINED AS PER DETAILS AND NOTES ON DRAWING D-1.

1

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R.J.

1. ALL UTILITY MAINS SHALL HAVE 3' OF COVER UNLESS OTHERWISE NOTED.

3. ALL SANITARY SEWER GRAVITY MAINS SHALL BE PVC, SDR-26, UNLESS OTHERWISE INDICATED.

5. ALL FIRE HYDRANTS SHALL BE LOCATED 1' BACK OF R/W TYPICALLY, UNLESS OTHERWISE NOTED.

4. ALL VALVES TO BE INSTALLED OUTSIDE OF ALL PAVEMENT, CURBED AREAS, SIDEWALKS,

2. ALL WATER, REUSE AND IRRIGATION MAINS SHALL BE PVC, C-900, DR-18, CL 150, UNLESS OTHERWISE NOTED.

CURBS, OR HANDICAP RAMPS.

TERMINATIONS.

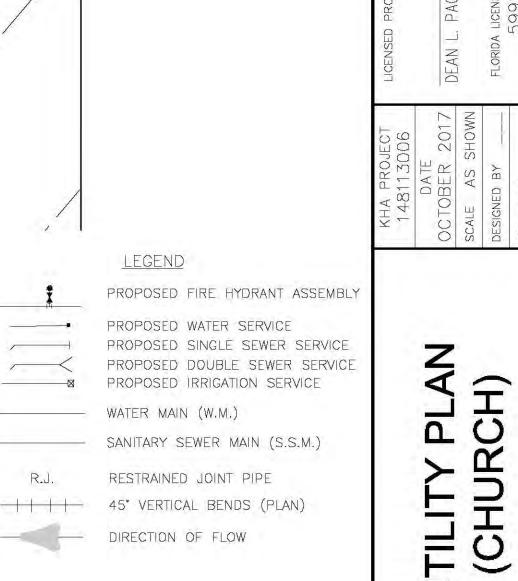
LEGEND

WATER MAIN (W.M.)

++++ 45° VERTICAL BENDS (PLAN)

---- DIRECTION OF FLOW

6. SEE UTILITY DETAIL DRAWINGS FOR WATER, IRRIGATION, REUSE AND SEWER SERVICE 7. SANITARY GRAVITY SEWER PIPE LENGTHS ARE FROM CENTER TO CENTER OF MANHOLES. 8. ALL WATER SERVICES ARE 1", UNLESS OTHERWISE NOTED. 9. ALL SINGLE AND DOUBLE WATER SERVICES UNDER ROADWAYS ARE TO BE SLEEVED.



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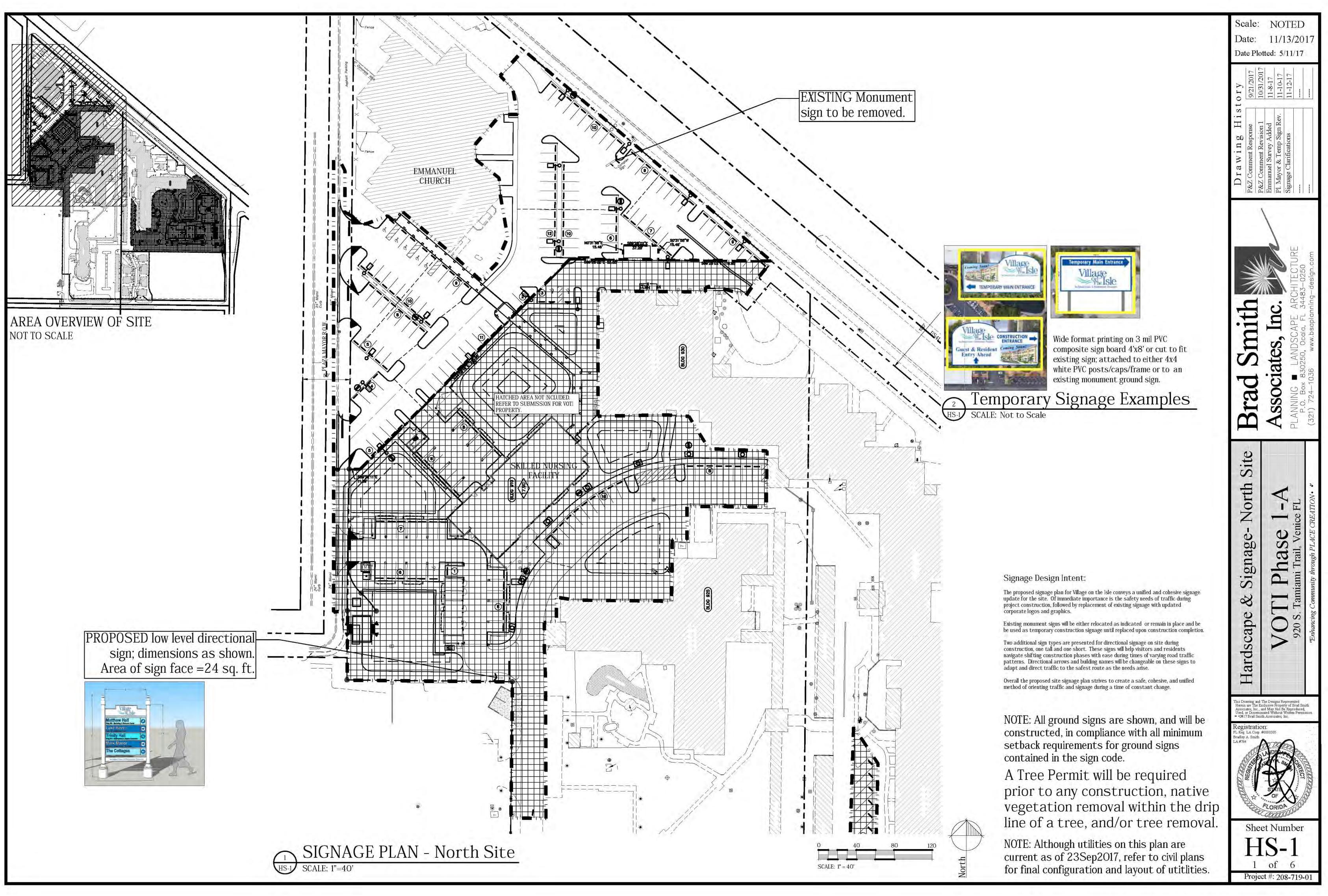
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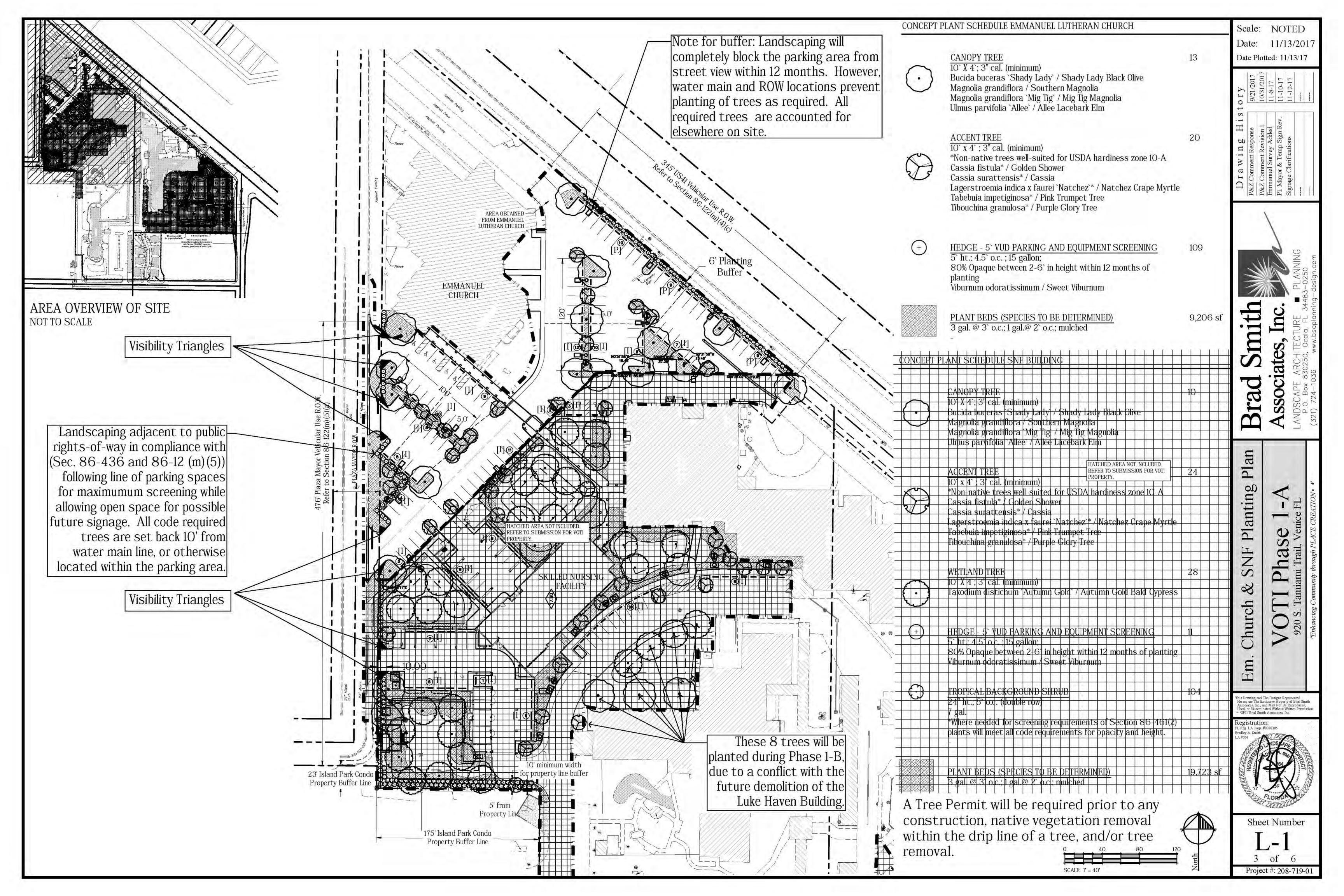
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| Vimbou // // // //    |                      | © 2017 KIMLEY-HORN AND ASSOCIATES, INC.<br>1777 Main Street, Suite 200, Sarasota, FL 34235 | PHONE: 941-379-7600<br>WWW.KIMLEY-HORN.COM CA 00000696 |           |
| LICENSED PROFESSIONAL | DEAN L. PAQUET, P.E. | FLORIDA LICENSE NUMBER   | 59916  | DATE:     |
| ECT<br>06             | 2017                 |  | ł  |           |





## LANDSCAPING SPECIFICATIONS

#### PART 1 - GENERAL 1. DESCRIPTION OF WORK

- A. Work included: This section is part of the entire set of contract documents and shall be coordinated with the applicable provisions of the other parts.
- B. The extent of the landscape development work is shown on the drawings and in schedules. Completion of the work shall mean full and exact compliance and conformity with the provisions expressed or implied in the drawings and specifications.
- C. The work under this section includes supplying and planting of trees, shrubs and ground covers in accordance with sound nursery practice and maintaining and watering them until final completion and acceptance, but not less than 30 days from installation, and any other work as called for on the plans and in these specifications.

#### RELATED WORK A. Site work (rough grading).

B. Irrigation (see irrigation specifications).

- **OUALITY ASSURANCE**
- QUALIFICATIONS OF INSTALLERS: The Contractor shall have his labor crews controlled and directed by a landscape foreman well versed in plant materials, planting, reading blueprints and coordination between job and nursery, in order to execute installation rapidly and correctly.
- B. TREES AND SHRUBS: Provide trees and shrubs grown in a recognized nursery in accordance with good horticultural practice. (The only exception shall be native plant material collected from field locations.) Provide healthy vigorous stock grown under climatic conditions similar to conditions in the locality of the project and free of disease, insects, eggs, larvae, and defects such as knots, sun-scald, injuries, abrasions, or disfigurements. All plant material shall be graded Florida No. 1 or better as outlined under Grades and Standards for Nursery Plants 2nd ed., February 1998, State Plant Board of Florida.

#### PRODUCT HANDLING

A. DELIVERY AND STORAGE: The balls of B & B plants which cannot be planted immediately on delivery shall be covered with moist soil or mulch or other protection from drying wind and sun. All plants shall be watered as necessary until planted.

#### B. PROTECTION

Trees moved by winch or crane shall be thoroughly protected from chain marks, girdling, or other bark slippage by means of burlap, wood battens or other approved method.

2. Container grown plants shall be carefully removed from the container so as not to disturb the root system. Spade shall not be used to cut containers.

- JOB CONDITIONS
- A. EXISTING CONDITIONS 1. The contractor shall verify all site conditions prior to construction.

2. The Contractor shall exercise care in digging and other work so as not to damage existing work including underground pipes and cables, and the pipes and hydrants of watering systems. Should such overhead or underground obstructions be encountered which interfere with planting the location of plants shall be adjusted to clear such obstruction.

3. Should any objectionable materials such as old concrete, bricks, or other debris be encountered during planting operations, they shall be removed from the site by the Contractor.

- B. SCHEDULING
- 1. In general the work shall proceed as rapidly as the site becomes available.
- 2. Landscape installation shall not begin until an adequate source of water is available on site.

3. The Contractor shall be responsible for coordinating his work with all other parties involved with the job in order the eliminate unnecessary complication during the installation of his work.

4. Upon substantial completion of work, the Contractor shall request a walk-through by the Landscape Architect to formulate a "punch list". Contractor shall complete "punch list" items as quickly as possible, and request another walk-through to verify completion. Upon successful completion of the "punch list" items, the work will be accepted by the Owner.

C. The contractor is responsible for his own bathroom and drinking facilities.

#### 6. GUARANTEE

A. Considering that the Owner will be responsible for maintaining all materials after acceptance, the Contractor shall guarantee to replace all plant materials for a period of time after final acceptance as

- . Trees (except Palms) 180 days.
- 2. Palms 1 year.

3. Shrubs and Ground Cover - 60 days.

4. Sod - 30 days.

- B. Should any of the plant materials show 40% or more defoliation during the guarantee period due to the Contractor's use of improper materials or workmanship the Contractor, upon written notice, shall replace same within 15 days, without additional cost to the Owner.
- Specifically excluded from the guarantee are damages resulting from natural causes such as floods, lightning strikes, freezing or winds over 60 mph., damages from acts of negligence on the part of the Owner or others occupying the site, fires, vandalism and herbivorous animals.
- This guarantee shall be in effect only if proper maintenance is performed by the Owner, after final acceptance of the Contractor's work. Without such maintenance, this guarantee shall become null and void. Proper maintenance shall be considered as performing the procedures described generally in Section 3.03 A MAINTENANCE (Items 2 & 3).

SUBMITTALS

- A. Physical samples of prepared planting soil and mulch.
- B. Labels from starter fertilizer, and seed.
- Submit recommendations for controller time setting for each irrigation zone valve to the Owner prior to completion of work.

" DIMENSION

3'-0"

3'-6"

4'-0"

4'-6"

5'-0"

#### PART 2 - PRODUCTS 1. MATERIALS

- conform generally with names accepted in the nursery trade.
- pruning is required.
- Anti-transpirant spray shall be applied immediately following installation.
- D. MATERIALS: Pot bound plant materials will be unacceptable.
- E. SOD: The sod shall be of firm, tough texture having a compact growth of grass with good root other diseases.

#### 2. MIXES

- nitrogen per 1,000 square feet annually.
- water-insoluble,

#### PART 3 - EXECUTION

- 1. PREPARATION Control Guide, Building 664, University of Florida, Gainesville, FL 32611.
- 2. INSTALLATION/APPLICATION/PERFORMANCE will be permitted on top of rootballs.
- grades, or as otherwise specified.
- Note: Sand will not be required over properly laid sod.
- Grade "B" or better.

#### 3. INSTRUCTIONS

A. MAINTENANCE

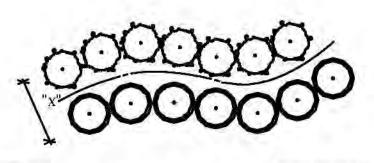
1. The Contractor shall maintain all plant materials as Florida number 1, or as otherwise specified, from the beginning of landscape construction until the landscape work is accepted by the Owner, including proper watering.

2. Maintenance shall include, but not be limited to watering of turf and planting beds, mowing, cultivation, weeding, pruning, disease and pest control, replacement of dead or unacceptable materials, straightening turf or planter settlement areas, guy wire repair and tightening, washouts, and any other procedure consistent with good horticultural practice necessary to insure normal, vigorous and healthy growth of all work under this contract.

3. Mowing, if necessary prior to final acceptance, shall occur at regular intervals at a mowing height of 3 inches when the grass reaches a height of four and one-half (41/2) inches with a standard rotary mower. At no time shall more than 1/3 of the leaf surface be removed.

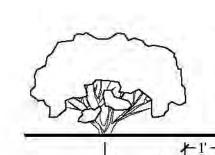
4. It will be the Owner's responsibility to continue maintaining the landscape, following guidelines above, after final acceptance.

4. CLEANING: The Contractor shall at all times keep the premises (grounds and pavements) free from accumulations of waste material or rubbish caused by his employees or work.



2 GROUND COVERS GROUND COVER AND DWARF SHRUB 2 DWARF SHRUBS DWARF SHRUB AND LARGE SHRUB 2 LARGE SHRUBS





Not to Scale

NOTE: All plant material shall be located such that a minimum of 1" separation is maintained between the limits of the mature plant's spread and the adjacent sidewalk The following distances are guidelines for achieving the above standard

Dwarf Shrub Large Shrub

SEPARATION OF PLANTS AND SIDEWALKS

D. Submit recommended plant care and maintenance procedures to Owner prior to completion of work.

E. The Owner reserves the right to withhold 10% of the contract amount until the submittals are received.

A. NOMENCLATURE: Conform to the names given in Standardized Plant Names, 1942 Edition, prepared by the American Joint Committee on Horticultural Nomenclature. Names of varieties not included therein.

B. MEASUREMENTS: Plants shall be measured when branches are in their normal position. Height and spread dimensions specified refer to main body of plant and not extreme branch tip to tip. The measurements specified are the minimum size acceptable and are the measurements after pruning, where

C. B & B PLANTS: No plant shall be accepted when the ball of earth surrounding its roots has been cracked or broken. The diameter of the ball must be sufficient to encompass the woody and non-woody roots necessary for the maximum development of the plant. Plants shall be "hardened off" at the nursery prior to installation. Non-woody roots shall be visible on 40% of the rootball growing through the burlap.

development. It shall contain no weeds, or any other objectionable vegetation. The soil embedded in the sod shall be good clean earth, free from stones and debris. The sod shall be free from fungus, vermin and

A. Fertilizer shall conform with ANSI A-300 part 2 fertilization standard. Fertilizers for trees and shrubs shall have a ratio of 3:1:1 or 3:1:2. Fertilizers for palms shall have a ratio of 3:1:3. A minimum of 50% of the total nitrogen shall be water-insoluble. Fertilizers shall have a salt index of less than 50. Fertilizers shall be applied at a rate of 2-4 lbs. of nitrogen per 1,000 square feet per application, not to exceed 6 lbs. of

B. Lawn areas shall be treated with a 6-0-6 fertilizer, 100% organic, with minor elements, applied at a rate of one (I) pounds nitrogen per 1,000 square feet. A minimum of 50% of the total nitrogen shall be

A. HERBICIDE: After rough grade has been established, and prior to installation of any plant material or turf, apply a non-selective herbicide to all areas to receive new planting or turf. Do not use in any areas of existing vegetation to remain. Follow manufacturer's label specifications for application and time required prior to installation of new plantings. For further information, consult the latest "Weed Control Guide", published by IFAS (Institute of Food and Agricultural Sciences), available by writing to IFAS, Attn: Weed

B. PLANT PITS: Circular pits with vertical sides shall be excavated for all plants. Diameter of pits for trees, shrubs, and ground cover shall be at least two times greater than the diameter of the ball.

A. All plants except as otherwise specified, shall be centered in pits and set on compacted top soil to such a depth that the finished grade level at the plant after settlement will be the same as that at which the plant was grown. No burlap shall be pulled off of the bottom or sides of rootballs. Remove burlap from top of root ball only. Container grown plants shall not be excessively root bound. All broken or frayed roots shall be cut off cleanly. Soil shall be backfilled, tamped lightly, and shall be settled by watering. No filling

B. New planting shall be so set that the final level of ground around the plants shall conform to surrounding

C. Moisten prepared surface immediately prior to laying sod. Solid sod shall be laid immediately upon delivery to site with closely abutting joints, with a tamped or rolled even surface. Stagger end joints minimum of 12 inches. It shall be the responsibility of the Contractor to bring the sod edge in a neat, clean manner to the edge of all paving and shrub areas. After the sod is laid, a top dressing of clean sand shall be evenly applied over the entire surface and thoroughly washed in, (if determined by the Landscape Architect).

D. All plant beds, unless otherwise noted, shall be top-dressed with 3" shredded recycled hardwood mulch,

E. The amount of pruning on new plant material shall be limited to the minimum necessary to remove dead or injured branches. Pruning shall be in accordance with ANSI A300 Part 1: Tree, Shrub, and Other Woody Plant Maintenance and shall be done in such a manner as not to change the natural habitat or shape of a

B. GRADES: It shall be the responsibility of the Contractor to finish (fine) grade all landscape areas, eliminating all surface irregularities, depressions, sticks, stones, and other debris, and remove them from the site. Rough grade shall be considered as site work (rather than landscaping) and shall be established

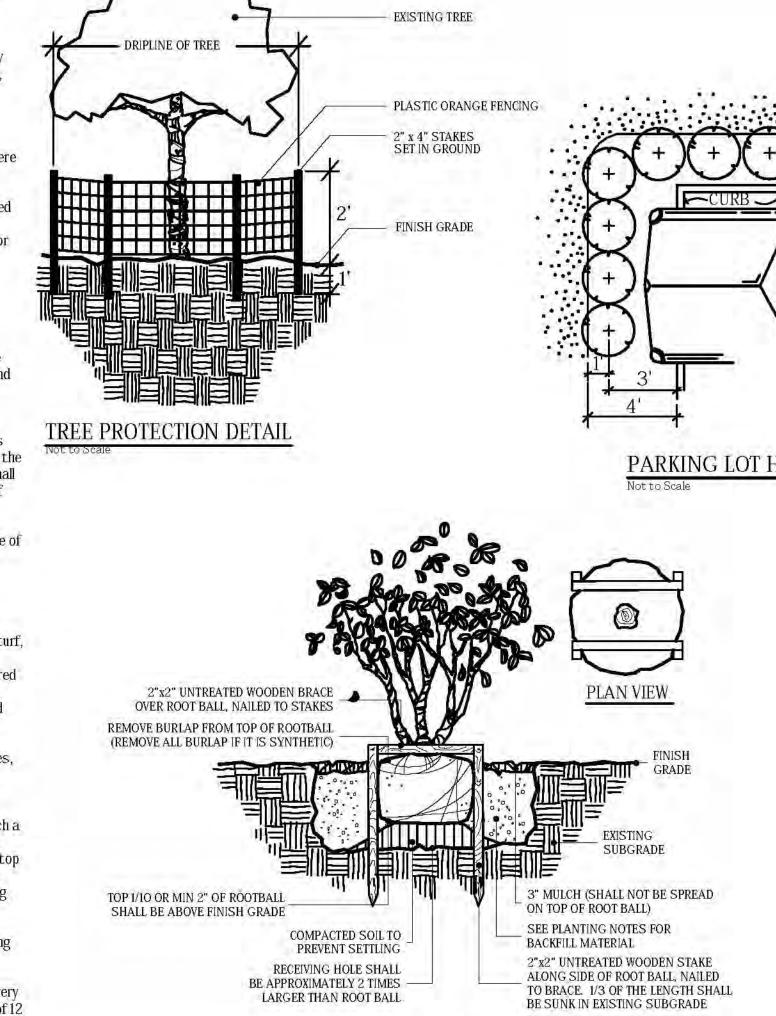
standard

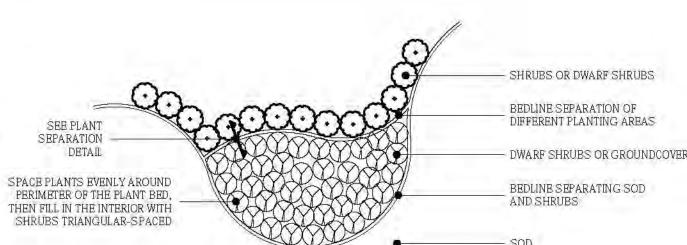
Dwarf Shrub

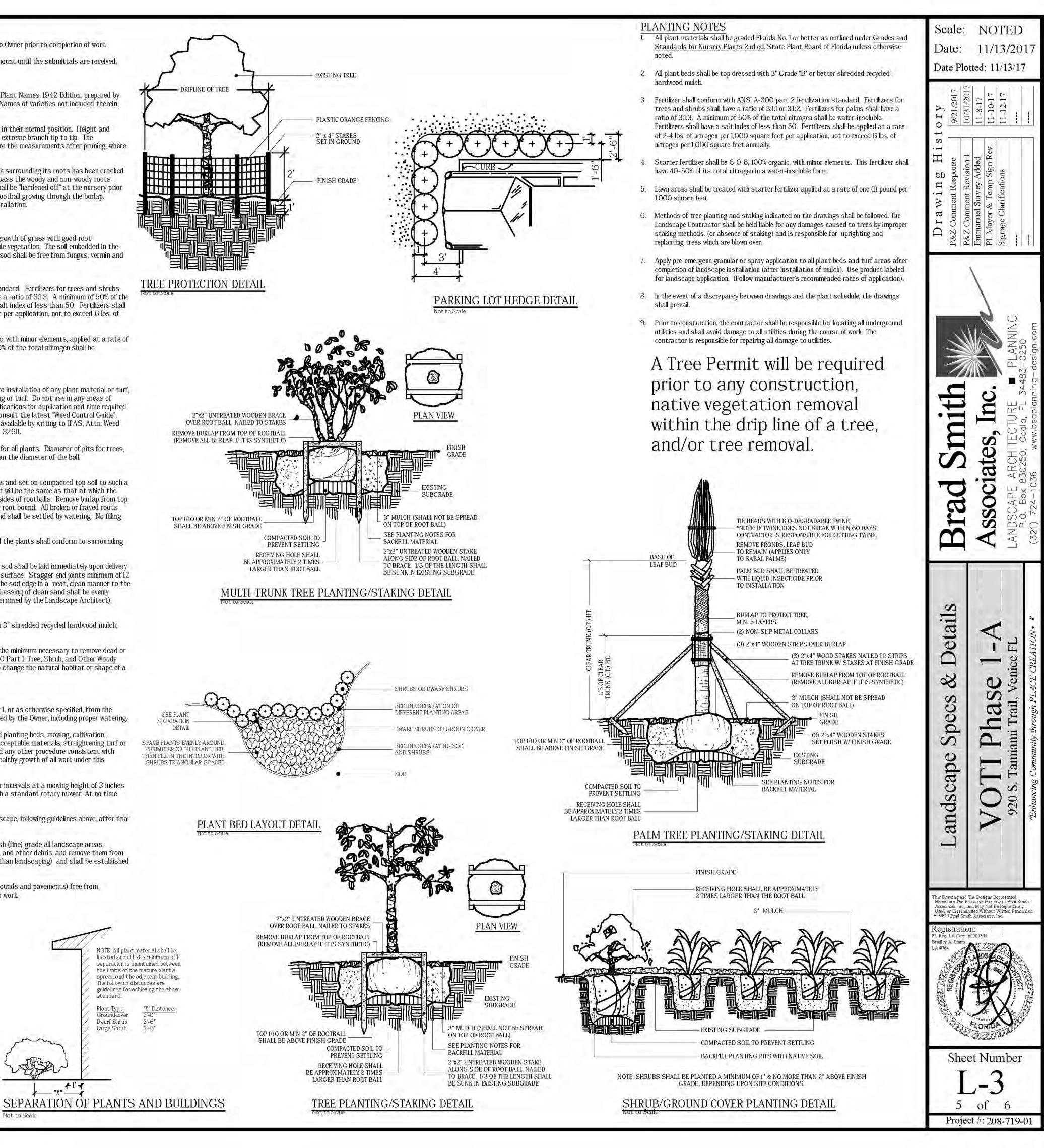
Large Shrub

414

Not to Scale







## GENERAL LANDSCAPE REQUIREMENTS

(per the Venice, FL Code of Ordinances, Subpart B, Chapter 86, Article VI, Divisions 5 & 6)

Trees: minimum of ten feet in overall height and four feet in spread and a minimum of three inches in diameter measured six inches above the ground immediately after planting.

Shrubs: minimum of two feet in height when measured immediately after planting.

Hedges: planted not more than three feet on center, and maintained so as to form a continuous, unbroken, solid visual screen within a maximum of one year after time of planting.

Ground covers: shall be planted in such a manner as to present a finished appearance and reasonably complete coverage and shall be used with a decorative mulch such as pine or cypress bark or other material of a similar nature.

### Landscaping adjacent to public rights-of-way.

(1) Trees. A strip of land at least five feet in depth located between the abutting right-of-way and the off-street parking area or other vehicular use area which is exposed to an abutting right-of-way shall be landscaped to include an average of one tree for each 50 linear feet or fraction thereof. Such trees shall be located between the abutting right-of-way and off-street parking area or other vehicular use area.

(2) Hedge or wall. In addition, a hedge, wall or other opaque durable landscape barrier of at least two feet in height shall be placed along the entire length of such landscaped area. If such opaque durable barrier is of nonliving material, for each ten feet thereof, an average of one shrub or vine shall be planted abutting such barrier, but these need not be spaced ten feet apart. Such shrubs or vines shall be planted along the street side of such barrier unless they are of sufficient height at the time of planting to be readily visible over the top of such barrier. The remainder of the required landscaped areas shall be landscaped with grass, ground cover or other landscape treatment.

Sec. 86-437. – Landscaping adjacent to property lines. On any parcel providing an off-street parking area or other vehicular use area there shall be provided landscaping between such area and the property line as follows:

(1) Where such area abuts property zoned or, in fact, used primarily for residential or institutional purposes, for that portion of such area not entirely screened visually by an intervening structure or existing conforming buffer from an abutting property, a landscaped buffer shall be provided in accordance with this division. Such landscaped buffer shall be located between the common lot line and the off-street parking area or other vehicular use area exposed to the abutting property so that the purpose of screening the off-street parking area or other vehicular use area is accomplished. The vertical requirement for such landscape buffer area may be reduced to not less than three feet by the administrative official where the only vehicular use area to be screened is a driveway not exceeding ten feet in width.

(2) In addition, an average of one tree shall be provided for each 50 linear feet of such interior property line or fractional part thereof. Such trees shall be located between the common lot line and the off-street parking area or other vehicular use area. Each such tree shall be planted in at least 25 square feet of planting area with a minimum dimension of at least five feet. Each such planting shall be landscaped with grass, ground cover or other landscape material, excluding paving, in addition to the required tree.

(3) Where such area abuts a dedicated alley or property zoned and, in fact, used for commercial or industrial purposes and exceeds 1,500 square feet or five off-street parking spaces, only the tree provision with its planting area as prescribed in subsection (2) of this section shall be required.

Sec. 86-438. - Interior landscaping. The following vehicular use area interior landscaping requirements apply for all off-street facilities other than multilevel parking structures:

(1) Off-street parking areas in excess of 1,500 square feet or five off-street parking spaces shall have at least ten square feet of interior landscaping for each parking space, excluding those spaces abutting a perimeter for which landscaping is required by other provisions of this division. Other vehicular use areas in excess of 1,500 square feet shall have ten square feet of landscaped area for each 500 square feet or fraction thereof of vehicular use area.

(2) Each separate landscaped area shall contain a minimum of 100 square feet, with a minimum dimension of at least five feet, and shall include at least one tree, with the remaining area adequately landscaped with shrubs, ground cover or other landscaping material. The total number of trees shall not be less than one for each 100 square feet or fraction thereof of required interior landscaping area. Such landscaped areas shall be located in such a manner as to divide and break up the expanse of paving and at strategic points to guide traffic flow and direction. Where a landscaped area between abutting tiers of parking is provided, one tree shall be provided for each 50 linear feet of such landscaped area.

Sec. 86-439. - Visibility at intersections and points of access.

(a) Where an accessway intersects a public right-of-way, all landscaping shall provide unobstructed cross-visibility at a level between 2.5 feet and ten feet within the areas of property on both sides of an accessway formed by the intersection of each side of the accessway and public right-of-way lines, with two sides of each triangle being ten feet in length from the point of intersection and the third side being a line connecting the ends of the two other sides; provided that trees having limbs and foliage trimmed in such a manner that no limbs or foliage extend into the cross-visibility area shall be allowed, provided they are located so as not to create a traffic hazard. No buffer, structure or landscaping, except required grass or ground cover, shall not be located closer than three feet to the edge of any accessway pavement.

### **DIVISION 6. - BUFFERING REQUIREMENTS**

Sec. 86-461. - Design standards; submission of plans.

Where this chapter requires a landscaped buffer area, the following requirements shall be met:  $\cdot$  cb3 (1)  $\cdot$  cb3 Dimensions. The landscaped buffer area shall not be less than ten feet in width measured at right angles to property lines and shall be established along the entire length of and contiguous to the designated property lines.

(2) Screening; plant material. The area shall be so designed, planted and maintained as to be 80 percent or more opaque between two and six feet above average ground level when viewed horizontally. Plantings shall be of a size and type which will ensure the meeting of the 80 percent opacity requirement within no longer than 12 months of the date of first planting. Where questions may arise as to the suitability of proposed plant materials to meet this requirement, final determination of suitability shall be made by the director of public works.

|  |  | ALCULATIONS<br>Isle: Phase I-A   |   |  |                                   |
|--|--|--|---|--|-----------------------------------|
| PROPERTY LINE BUFFERS<br>Sec. DG-407] [Bes DG-407]<br>Na (Bea than 12) webs: 30% or more opeque for webs:<br>who are than 12) webs: 30% or more opeque for webs  | Langth of Bulliana<br>(fram)                       | Vox of Trites<br>IEQUIRED  | No. of Trees PROVIDED   |  |                                   |
| ine und an test above average ground favet when a<br>menthe of planting<br>I. Eromanuel Lutheran Church  | Sauce Horrison                                     | tope rid supercon  | Spallif murchlast position  |  |                                   |
| Special Exception Petition}  | 100  |  | roomenerative   | n service a service of the service o | mooorroomaaaaaaaa                 |
| L Islana Park Condo<br>). Grace United Methodist Church  | 198  | 4  | 12  |  |                                   |
| ehicular Use ROW Buffers   | Lingth of Bulfaces<br>(first)                      | i Tree per Illi  | Housed Treas PROVIDED   |  |                                   |
| Sec. 80-30(j)3 and Venetian Urban Design<br>Verlay District Sec. 80-122(m)4(c)]  | Secondarian di a Pares.<br>S45                     | (profession-skepted)<br>[4]  | 8   |  |                                   |
| 1841 (North) * Special Exception?<br>1841 (South) * 1 trae per 25 Pc   | 196  | 8  |   | der i  |                                   |
| VUD) plus 5' kigk heelge   |  |  | - taše pietasi ir isianja<br>gitik au ensendury.<br>gitik au ensendury. |  |                                   |
| Vehicular Use ROW Buffers<br>Sec. 86-90(1)3 and Venstian Ursan Design<br>Verlay District Bec. 86-122(m)4(c)]   | Langtil of Duffine<br>(full)<br>sectorization Tool | Tree par 50<br>Sector Pt   | No. of Treas PROVIDED   |  |                                   |
| Taza Mayor   | 476  | 10.  | 11  |  |                                   |
| wenida del Circo   | 114  | -2   | 2   |  |                                   |
| Project Areas  | Area (eq. fp.):                                    | 1 free per<br>2,000 sq. fr.<br>REGLIRED  | res saunt)  |  |                                   |
| rimanuel Lutheran Church Add-c   | 70,204   | 86   | 35  | SXXXX  | ******                            |
| kilea Nursing Facility (SNF)   | 122,000  | 61   | 61  |  |                                   |
| dependent Living (Emorald Toma -   | 145,300  | 73   | 74  |  |                                   |
| TOTAI:-  | 337,504  | 169  | 170   |  | (1) = (2) = (2) = (2) = (2) = (2) |
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| nterior Landscaping Ares<br>an 80-4301 Al counted parking apaces<br>thicular areas are beyond the building<br>effection areas under building structures w<br>periodian areas under building structures w<br>periodiand in landscape totals). | Number of<br>Parising Spaces                       | Yommular Um<br>Area (sq.4%)  | LAND&CAPE AREA<br>control space AND<br>officer of determined a          | Trees<br>REQUIRED*<br>(Itres per 100 sq<br>(Itro of landscase<br>area)   | 4. M                              |
| rimanuel Lutheran Church Add-c   | 90   | 26,422   | 1,428   | 15   |                                   |
| killed Nursing Facility (SNF): (32<br>nder structure garking spaces n<br>cluded in total).   | ta   | 21,762   | 615   | 7  |                                   |
| dependent Living (Emersid Terro<br>38 under structure parking epsc<br>ot included in total).   | 57   | 20,280   | 976   | 10   |                                   |
| TOTAL  | 105  | 68,464   | 5,019   | 32*  | @11.0110.11.11.11                 |
| inaus required for interior Landsonpe Armae a  |  | and the same of th | ay (5.)   | ······   |                                   |
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|  |  |  |   |  |                                   |
|  |  |  |   |  |                                   |

# [Sec. 86-122(m)]

clientele.

noted on sheet L-1).

create a unified feel for the site and a strong sense of place for the development.

provide a beautiful backdrop for residents and visitors alike.

## NOTES FOR SITE CLEARING:

# Scale: NOTED PERFORMANCE NARRATIVE - VENETIAN URBAN DESIGN OVERLAY DISTRICT Date: 11/13/2017 Date Plotted: 11/13/17 Overall design of the Village on the Isle site represents an effort to create a memorable, safe, and peaceful assisted living community contributing to the overall aesthetic, environmental, and social needs of the community of Venice. By combining respect for the 10/31/201 11-8-17 11-10-17 11-12-17 environment with the needs of residents and visitors, the design addresses code requirements and brings unique character to the project. Landscaping of the site, both interior and along the perimeter, encourages walkability and connectivity between on site and off site elements. Screening of the site from the street creates a more secluded feeling within the site, but connections to existing sidewalk paths and occasional views into the site integrate the visual connection with the surrounding community. Elements of Village on the Isle were awing His designed to flow together and curve around, or integrate with, site structures; while also meeting the utilitarian needs of a specific vision 1 Added Sign R Trees were placed to enhance site cooling and minimize solar gain and to focus visitor and resident views towards central features of each area. A mixture of both native and tropical vegetation, all proven hardy and resilient in the local area, was selected to create a vibrant, energy-efficient, and lower maintenance landscape to unify the site. A total of 170 trees were provided in the proposed landscape plans; 169 were required. Eight of the trees adjacent will be planted at a future date due to upcoming demolition of the Luke Haven building (as Natural drainage containment areas were included throughout the site as an asset to enhance aesthetics and also manage storm water runoff. Materials such as natural stone, formed stucco, and other materials that integrate with new buildings and the overall site plan Parking areas within the site include trees and planting to break up larger expanses of parking rows, mitigate solar gain from paving in the lots, and create visual interest between buildings of differing uses. Operational equipment on site is screened by hedging and shrubbery to 0 No clearing with heavy equipment, filling, or placement of improvements or utility lines shall occur within the protected root zone of any canopy tree to be save, per Section 54-588 (1) (b) of Sarasota County Code. The protected root zone is defined as the dripline of the tree. Only hand clearing or mowing is permitted within the protected root zone of canopy trees to be saved if authorized by the Administrator. Where unauthorized removal of native vegetation within the protected root zone occurs the Administrator may require the replanting of understory vegetation. Full dripline protection is required, however the Administrator may allow certain activities to be conducted within the barricaded dripline of a tree, so long as the County determines that the tree will not be adversely affected. th Inc mi ates S SSOCI rad B Requirements C S 3 C 2 Code This Drawing and The Designs Represented Herein are The Exclusive Property of Brad Sm Associates, Inc., and May Not Be Reproduced, Used, or Disseminated Without Written Permis \* 2017 Brad Smith Associates, Inc. Registration: FL Reg. LA Corp. #0000305 A Tree Permit will be required prior to any construction, Sheet Number native vegetation removal within the drip line of a tree, and/or tree removal. of Project #: 208-719-01