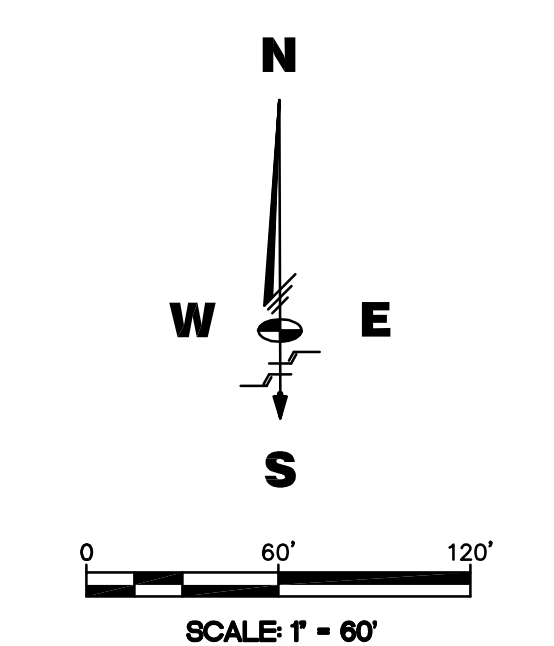
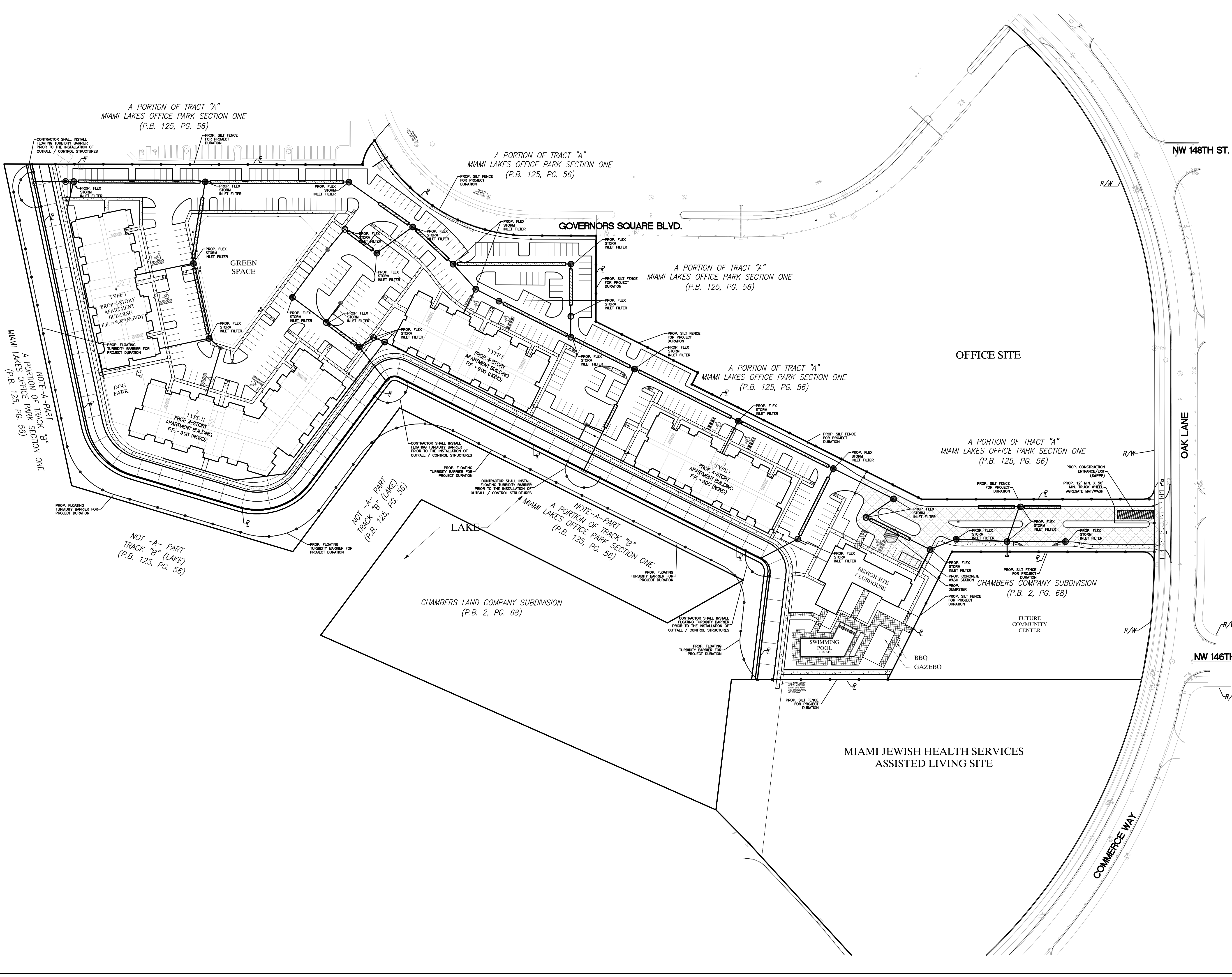




- EXISTING FEATURES LEGEND:**
- ⊙ DENOTES EXISTING FIRE HYDRANT
  - ⊕ DENOTES EXISTING ELEVATIONS
  - ⊕ DENOTES WATER VALVE
  - ⊕ DENOTES WOOD LIGHT POLE
  - ⊕ DENOTES WOOD POWER POLE
  - ⊕ DENOTES PROPERTY LINE
  - R/W DENOTES RIGHT OF WAY LINE
  - ⊕ DENOTES RIGHT OF WAY LINE
  - ⊕ DENOTES SANITARY SEWER CLEANOUT
  - ⊕ DENOTES SANITARY SEWER MANHOLE
  - ⊕ DENOTES FORCE MAIN MANHOLE
  - ⊕ DENOTES FORCE MAIN VALVE
  - ⊕ DENOTES F.P.L. ELECTRIC MANHOLE
  - ⊕ DENOTES F.P.L. TRANSFORMER PAD
  - ⊕ DENOTES CATCH BASIN
  - ⊕ DENOTES EXISTING TREE
  - ⊕ DENOTES EXISTING PAVING
  - ⊕ DENOTES IRRIGATION VALVE
  - ⊕ GP DENOTES GUARD POST
  - ⊕ DENOTES STORM SEWER MANHOLE
  - ⊕ DENOTES SIGN POST
  - ⊕ DENOTES ALUMINUM POST
  - x — DENOTES EXIST FENCE

- PROPOSED FEATURES LEGEND:**
- ⊕ DENOTES PROPOSED FRENCH DRAIN W/INLET
  - ⊕ DENOTES PROPOSED SLOPE TIPS
  - ⊕ DENOTES FLOW DIRECTION
  - ⊕ DENOTES RAMP UP DIRECTION
  - ⊕ DENOTES PROPOSED SIGN
  - ⊕ DENOTES PROPOSED WHEEL STOP
  - ⊕ DENOTES PROPOSED CENTERLINE
  - ⊕ DENOTES PROPOSED DRAINAGE MANHOLE
  - ⊕ DENOTES PROPOSED CONC. SIDEWALK
  - ⊕ DENOTES PROPOSED DETECTABLE WARNING
  - ⊕ DENOTES PROPOSED PAVERS

**Schwelke Shiskin & Associates, Inc.**

LAND SURVEYORS  
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| REVISIONS |         |    |
|-----------|---------|----|
| Date      | Remarks | By |
|           |         |    |
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|           |         |    |
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HERNANDO J. NAVAS  
No. 50635  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER

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**GOVERNORS SQUARE ST. COMMUNITY**  
(AKA THE RESIDENCES AT GOVERNORS SQUARE)  
EROSION AND SEDIMENT CONTROL PLAN

TOWN OF MIAMI LAKES, Florida SEC. 22, Trup. 52, Rge. 40

Drawn By: M.T. Date: 12/12/16

Checked By: HJN Date: 02/28/17

Order No. 206440 TB 00000 Pg 00

Drawing Status: PERMIT

By: Hernando J. Navas  
P.E., Principal

Registered Engineer No. 50635  
State of Florida

Scale: As Noted

File No: **ML-1159**

Dwg. No: **ESC-1**

OF: 30

**FLEXSTORM**  
INLET FILTERS™

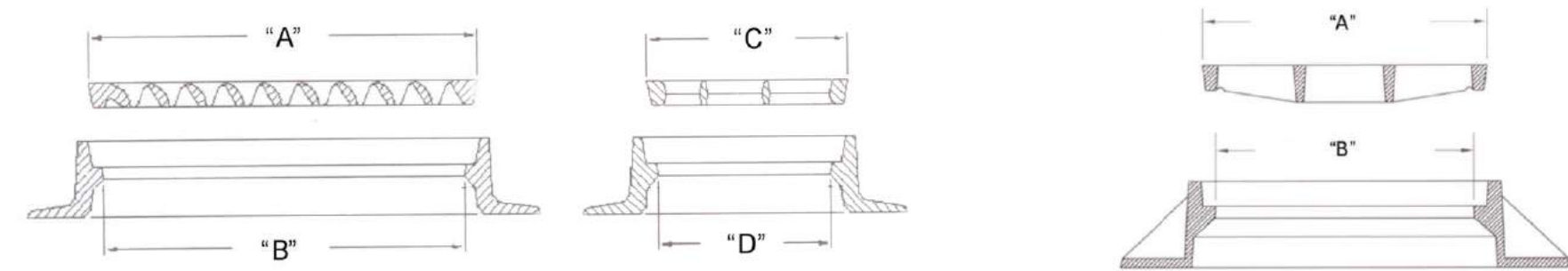
- STRUCTURE ID#/LOCATION:**

[illegible]

1. Empty the sediment bag if more than half filled with sediment and debris, or as directed by the Engineer.
2. Remove the grate, engage the lifting bars or handles with the FLEXSTORM Removal Tool, and lift from the drainage structure.
3. Dispose of the sediment or debris as directed by the Engineer or Maintenance Contract in accordance with EPA guidelines.
4. As an alternative, an industrial vacuum may be used to collect the accumulated sediment.
5. Remove any caked on silt from the sediment bag and reverse flush the bag with medium spray for optimal filtration.
6. Replace the bag if torn or punctured to ½" diameter or greater on the lower half of the bag.
7. Post Construction PC Bags maint: At 50% saturation, the average 2' x 2' Adsorb-it lined PC filter will retain approx 75 oz (4.2 lbs) of oil and should be serviced or replaced. It can be centrifuged or passed through a wringer to recover the oils, and the fabric reused with 85% to 90% efficacy. It may also be recycled for its fuel value through waste to energy incineration.
8. MyCelx Skimmer Pouches: The skimmers start yellow in color and will gradually turn brown as they become saturated, indicating time for replacement. Each MyCelx skimmer pouch will absorb approximately 89 oz (5 lbs) of oil before requiring replacement.
9. Dispose of all oil contaminated products in accordance with EPA guidelines.

1. Remove the bag by loosening or cutting off the clamping band.
2. Take the new sediment bag, which is equipped with a stainless steel worm drive clamping band, and use a screw driver to tighten the bag around the frame channel.
3. Ensure the bag is secure and that there is no slack around the perimeter of the band.

| 1. IDENTIFY YOUR FRAME STYLE, SIZE, AND MATERIAL               |                                                                                  |            |
|----------------------------------------------------------------|----------------------------------------------------------------------------------|------------|
| STYLE                                                          | FRAME STYLE AND SIZE                                                             | Frame P/N: |
| ROUND                                                          | Small Round (up to 20.0" dia grates (A) dim)                                     | 62SRD      |
|                                                                | Med Round (20.1" - 26.0" dia grates (A) up to 25" dia openings (B))              | 62MRD      |
|                                                                | Large Round (26.1" - 32.0" dia grates (A) up to 30" openings (B))                | 62LRD      |
|                                                                | XL Round (32.1" dia - 39" dia grates (A) up to 37" dia openings (B))             | 62XLRD     |
| RECT/<br>SQUARE                                                | Small Rect / Square (up to 16" (B) x 16" (D) openings or 64" perimeter)          | 62SSQ      |
|                                                                | Med Rect / Square (up to 24" (B) x 24" (D) openings or 96" perimeter)            | 62MSQ      |
|                                                                | Large Rect / Square (up to 36" (B) x 24" (D) openings or 120" perimeter)         | 62LSQ      |
|                                                                | XL Rect / Square (side by side 2 pc set to fit up to 48" (B) x 36" (D) openings) | 62XLSQ     |
| COMBO<br>INLETS                                                | Small Rect / Square (ref Rect sizing; shipped with Magnetic Curb Flaps)          | 62SCB      |
|                                                                | Med Rect / Square (ref Rect sizing; shipped with Magnetic Curb Flaps)            | 62MCB      |
|                                                                | Large Rect / Square (ref Rect sizing; shipped with Magnetic Curb Flaps)          | 62LCB      |
|                                                                | XL Rect / Square (ref Rect sizing; shipped with Magnetic Curb Flaps)             | 62XLCB     |
| NYLOPLAST                                                      | 12" diameter Nyloplast castings (Stainless Steel Framing standard)               | 6212NY     |
|                                                                | 15" diameter Nyloplast castings (Stainless Steel Framing standard)               | 6215NY     |
|                                                                | 18" diameter Nyloplast castings (Stainless Steel Framing standard)               | 6218NY     |
|                                                                | 24" diameter Nyloplast castings (Stainless Steel Framing standard)               | 6224NY     |
|                                                                | 30" diameter Nyloplast castings (Stainless Steel Framing standard)               | 6230NY     |
| WALL MOUNT                                                     | Open Throat Gutters - Curb Opening Size                                          |            |
|                                                                | Up to 4' (1 Filter and Mounting Hardware)                                        | 62WM1      |
|                                                                | Between 4' and 8' (2 Filters and Mounting Hardware)                              | 62WM2      |
|                                                                | Between 8' and 12' (3 Filters and Mounting Hardware)                             | 62WM3      |
|                                                                | Between 12' and 16' (4 Filters and Mounting Hardware)                            | 62WM4      |
| UPGRADED FRAMING MATERIAL OPTIONS (STANDARD IS ZINC PLATED)    |                                                                                  | SUFFIX     |
| CHROME PLATED FRAMING FOR HIGH SALT EXPOSURE                   |                                                                                  | - CHR      |
| STAINLESS STEEL FRAMING FOR HIGH SALT AND/OR CHEMICAL EXPOSURE |                                                                                  | - SS       |



| FLEXSTORM FILTER BAGS     | (22" depth) | (12" depth)   | Clean Water Flow<br>Rate (GPM/SqFt) | Min A.O.S.<br>(US Sieve) |
|---------------------------|-------------|---------------|-------------------------------------|--------------------------|
|                           | STD Bag P/N | Short Bag P/N |                                     |                          |
| FX: Standard Woven Bag    | FX          | FX-S          | 200                                 | 40                       |
| FX+: Woven w/ MyCelx      | FXP         | FXP-S         | 200                                 | 40                       |
| FXO: Woven w/ Oil Boom    | FXO         | FXO-S         | 200                                 | 40                       |
| PC: Post Construction Bag | PC          | PC-S          | 137                                 | 140                      |
| PC+: PC Bag w/ MyCelx     | PCP         | PCP-S         | 137                                 | 140                      |
| LL: Litter and Leaf Bag   | LL          | LL-S          | High                                | 3.5                      |
| IL: IDOT Non-Woven Bag    | IL          | IL-S          | 145                                 | 70                       |

|                        |                             |   |                  |
|------------------------|-----------------------------|---|------------------|
|                        |                             | - |                  |
| Frame P/N from Step 1. | Filter Bag P/N from Step 2. |   | Framing Material |

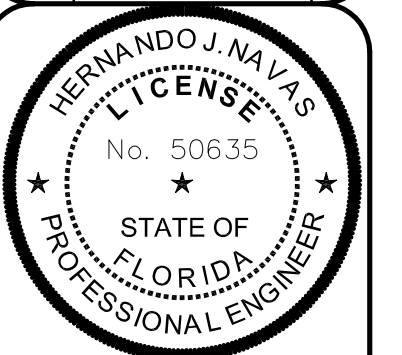
| SPECIFICATIONS FOR STANDARD BAGS BY NOMINAL SIZE |                       |                               |                  |                |                       |                       |
|--------------------------------------------------|-----------------------|-------------------------------|------------------|----------------|-----------------------|-----------------------|
| Nominal Bag Size                                 | Solids Storage (CuFt) | Filtered Flow Rate at 50% Max |                  |                | * PC Oil Retent (Oz ) | **PCP Oil Retent (Oz) |
|                                                  |                       | FX (Woven)                    | PC (Post Constr) | IL (Non Woven) |                       |                       |
| Small                                            | 1.6                   | 1.2                           | 0.8              | 0.9            | 66                    | 155                   |
| Medium                                           | 2.1                   | 1.8                           | 1.2              | 1.3            | 96                    | 185                   |
| Large                                            | 3.8                   | 2.2                           | 1.5              | 1.6            | 120                   | 209                   |
| XL                                               | 4.2                   | 3.6                           | 2.4              | 2.6            | 192                   | 370                   |

\* PC filter bag at 50% max adsorption capacity

\*\* PC filter bag at 50% capacity and MyCelx skimmer at 100% capacity

\* PC filter bag at 50% max adsorption capacity  
\*\* PC filter bag at 50% capacity and MyCelx skimmer at 100% capacity

**LAND SURVEYORS  
CIVIL ENGINEERS  
LAND PLANNERS**  
**LB#87 CA#87**  
**3240 CORPORATE WAY  
MIRAMAR, FL 33025  
TEL: (305)652-7010  
FAX: (305)652-8284**

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SIGNED & SEALED ON 09.15.2016  
BY HERNANDO J. NAVAS, P.E. USING A  
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**GOVERNORS SQUARE ST. COMMUNITY**  
(AKA THE RESIDENCES AT GOVERNORS SQUARE)  
EROSION AND SEDIMENT CONTROL DETAILS

TOWN OF MIAMI LAKES, Florida SEC. 22, Typ. 52, Rge. 40

Drawn By: M.T. Date: 12/12/16

Checked By: HJN Date: 02/28/17

Order No. 206440 FB. Sketches &amp; 000000 Pg 00

Drawing Status: PERMIT

1000

Hernandez, L. Nieves

P.E., Principal

State of Florida

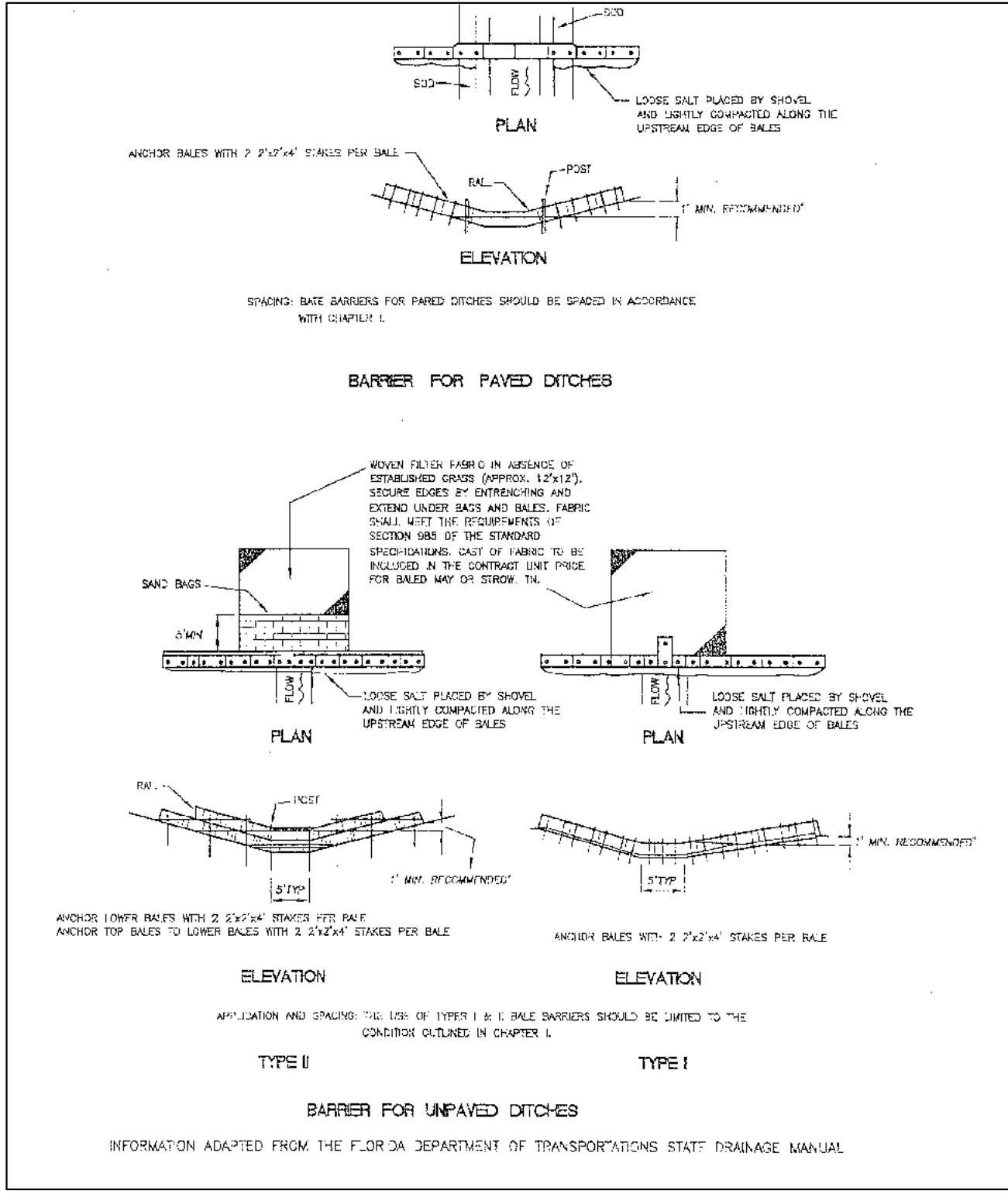
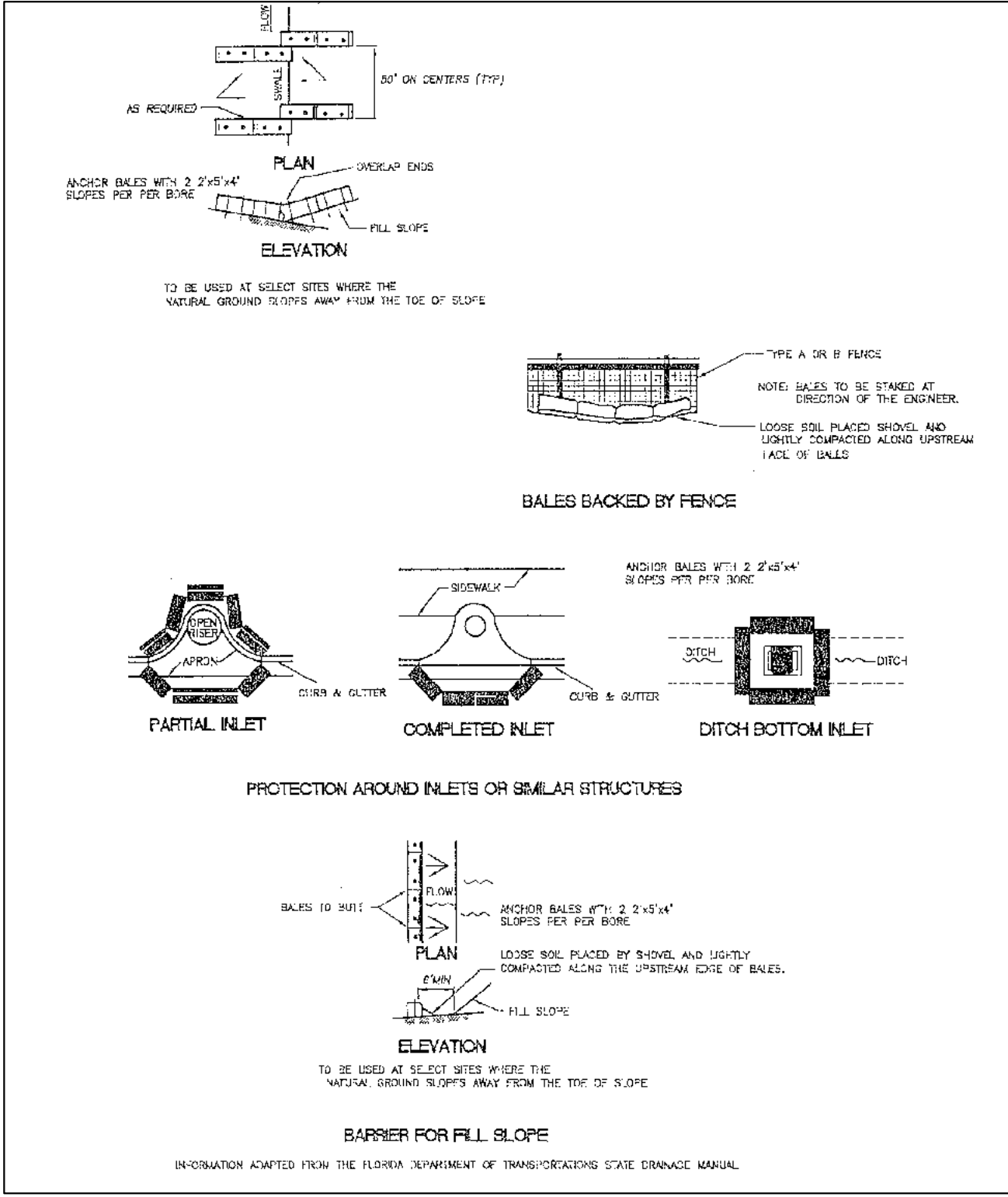
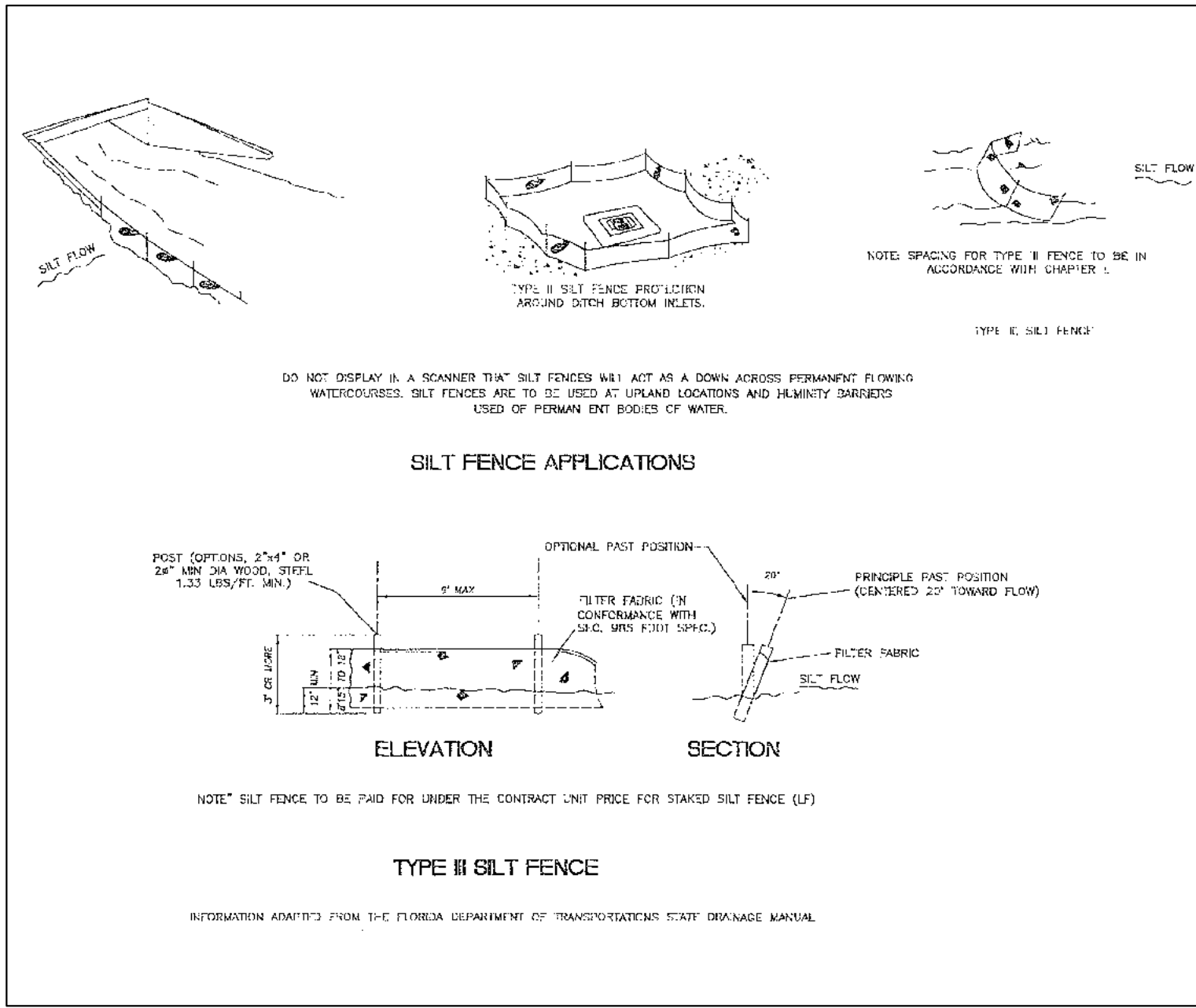
Scale: As Noted

MI-1159



**ESC-2**

OF: 30



**GENERAL NOTES**

Construction Specifications:

**Materials**

- Synthetic filter fabric shall be a pervious sheet of propylene, nylon, polyester, or polyethylene yarn. Synthetic filter fabric shall contain ultraviolet ray inhibitors and stabilizers to provide a minimum of 6 months of expected usable construction life at a temperature range of 0\_ F to 120\_ F (-17C to 49C).
- Burlap shall be 10 ounces per square yard (340 g/m<sup>2</sup>) fabric.
- Posts for silt fences shall be either 4 inch (10 cm) diameter wood, or 1.33 pounds per linear foot (2 kg/m) steel with a minimum length of 5 feet (1.5 m). Steel posts shall have projections for fastening wire to them.
- Stakes for filter barriers shall be 1" x 2" (2.5 x 5 cm) wood (preferred), or equivalent metal with a minimum length of 3 feet (90 cm).
- Wire fence reinforcement for silt fences using standard strength filter cloth shall be a minimum of 36 inches (90 cm) in height, a minimum of 14 gauge and shall have a maximum mesh spacing of 6 inches (15 cm).

**Sheet Flow Application:**

**Silt Fence**

This sediment barrier uses standard strength or extra strength synthetic filter fabrics. It is designed for situations in which only sheet or overland flows are expected. (See Plate 4.06d)

- The height of a silt fence shall not exceed 36 inches (90 cm). Higher fences may impound volumes of water sufficient to cause failure of the structure. 2. The filter fabric shall be purchased in a continuous roll cut to the length of the barrier to avoid the use of joints. When joints are necessary, filter cloth shall be spliced as described in item No. 8 below.
- Posts shall be spaced a maximum of 10 feet (3 m) apart at the barrier location and driven securely into the ground a minimum of 12 inches (30 cm). When extra strength fabric is used without the wire support fence, post spacing shall not exceed 6 feet (1.8 m).
- A trench shall be excavated approximately 4 inches (10 cm) wide and 4 inches (10 cm) deep along the line of posts and upslope from the barrier.
- When standard strength filter fabric is used, a wire mesh support fence shall be fastened securely to the upslope side of the posts using heavy duty wire staples at least 1 inch (25 mm) long, tie wires, or hog rings. The wire shall extend into the trench a minimum of 2 inches (5 cm) and shall not extend more than 36 inches (90 cm) above the original ground surface.
- The standard strength filter fabric shall be stapled or wired to the fence, and 8 inches (20 cm) of the fabric shall be extended into the trench. The fabric shall not extend more than 36 inches (90 cm) above the original ground surface.
- When extra strength filter fabric and closer post spacing are used, the wire mesh support fence may be eliminated. In such a case, the filter fabric is stapled or wired directly to the posts with all other provisions of item No. 6 applying.
- When attaching two silt fences together, place the end post of the second fence inside the end post of the first fence. Rotate both posts at least 180 degrees on a clockwise direction to create a tight seal with the filter fabric. Drive both posts into the ground and bury the flap. (See Plate 4.06g)
- The trench shall be backfilled and the soil compacted over the filter fabric.
- The most effective application consists of a double row of silt fences spaced a minimum of three feet apart. The three foot separation is so that if the first row collapses it will not fall on the second row. Wire or synthetic mesh is may be used to reinforce the first row. (See Plate 4.06c)
- When used to control sediments from a steep slope, silt fences should be placed away from the toe of the slope for increased holding capacity. (See Plate 4.06f)
- Silt fences shall be removed when they have served their useful purpose, but not before the upslope area has been permanently stabilized.

**Maintenance**

- Silt fences and filter barriers shall be inspected immediately after each rainfall and at least daily during prolonged rainfall. Any required repairs shall be made immediately.
- Should the fabric on a silt fence or filter barrier decompose or become ineffective before the end of the expected usable life and the barrier still be necessary, the fabric shall be replaced promptly.
- Sediment deposits should be removed after each storm event. They must be removed when deposits reach approximately one-half the height of the barrier.
- Wind SCREEN BEHIND SILT FENCES must be kept orderly at all times
- Construction entrances must be kept in working condition
- Protect all existing trees during construction
- Maintain all BMP's at existing inlets until the completion of construction.

**Schwelke Shiskin & Associates, Inc.**

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**REVISIONS**

| Date | Remarks | By |
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**HERNANDO J. NAVAS**  
No. 50635  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER

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**FLEXSTORM INLET FILTERS**  
PRODUCT SELECTION AND SPECIFICATION DRAWING

**STAINLESS STEEL ROUND INLET FILTERS** for NYLOPLAST CASTINGS CATCH-ITS SPECIFIED W/ FX OR FX-S BAGS

**COMBINATION INLET FILTER** FOR CURB HOODS

**TYPICAL RECTANGULAR INLET FILTER**

**TYPICAL ROUND INLET FILTER**

**WALL MOUNT INLET FILTERS** FOR OPEN THROAT GUTTERS

**SPECIFICATIONS FOR STANDARD BAGS BY NOMINAL SIZE**

| Nominal Bag Size | Solids Storage (CuFt) | FX (Woven) | PC (Post Constr) | IL (Non Woven) | *PC Oil Retent (Oz) | **PCP Oil Retent (Oz) |
|------------------|-----------------------|------------|------------------|----------------|---------------------|-----------------------|
| Small            | 1.6                   | 1.2        | 0.8              | 0.9            | 66                  | 155                   |
| Medium           | 2.1                   | 1.8        | 1.2              | 1.3            | 96                  | 185                   |
| Large            | 3.8                   | 2.2        | 1.5              | 1.6            | 120                 | 209                   |
| XL               | 4.2                   | 3.6        | 2.4              | 2.6            | 192                 | 370                   |

\* PC filter bag at 50% max adsorption capacity  
\*\* PC filter bag at 50% capacity and MyCelx skimmer at 100% capacity

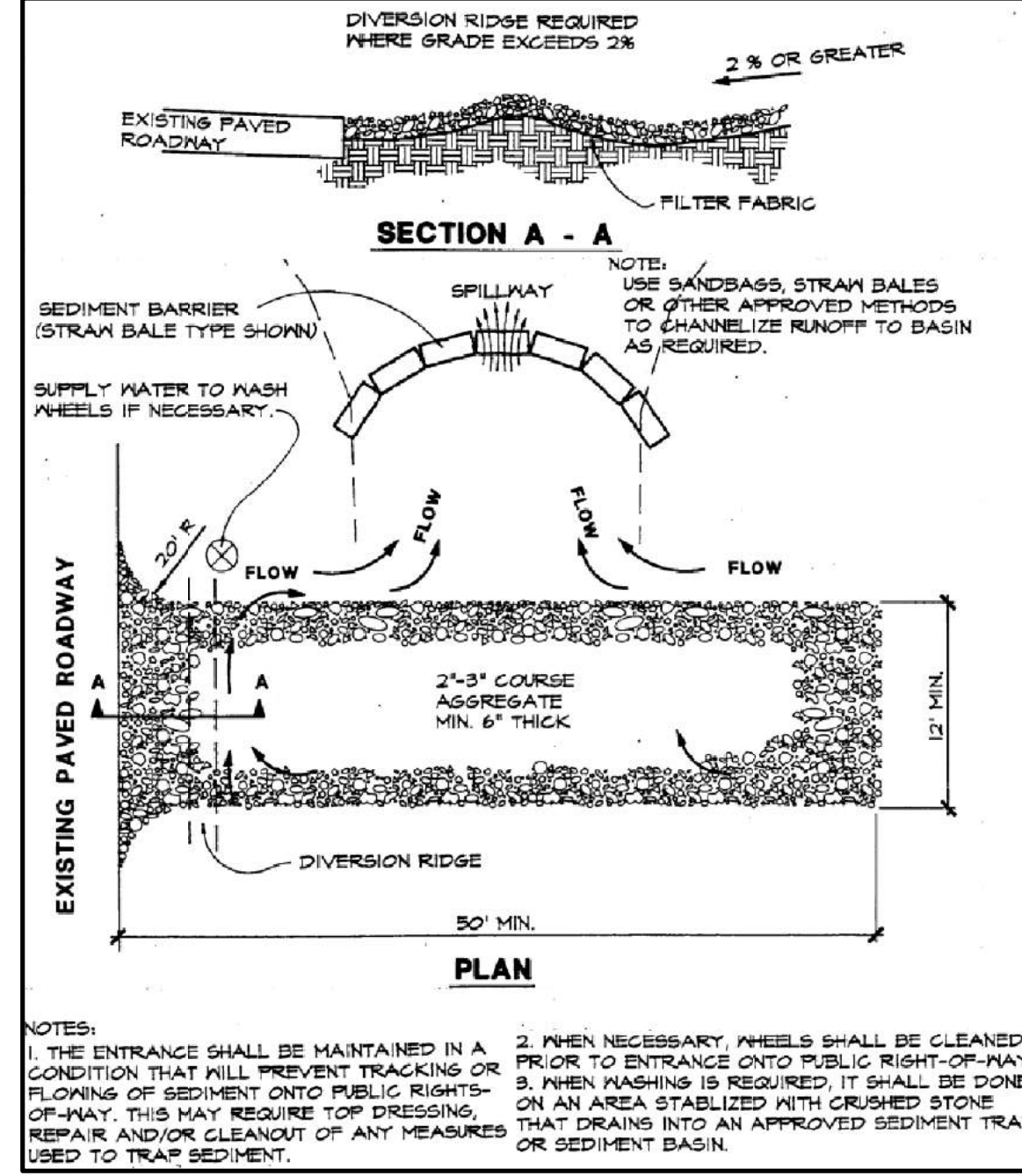
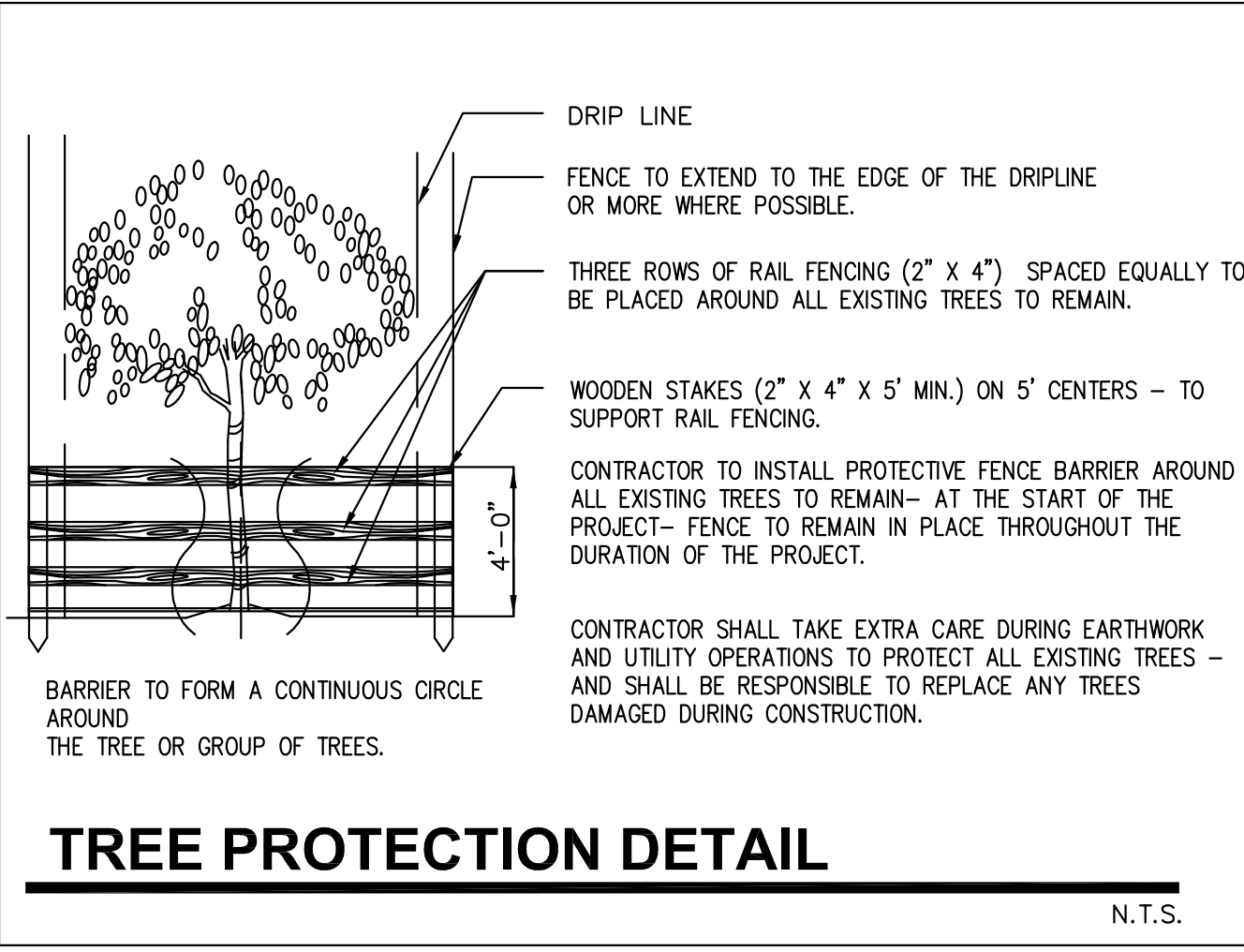
**INSTALLATION:**  
1. REMOVE GRATE  
2. DROP FLEXSTORM INLET FILTER ONTO LOAD BEARING LIP OF CASTING OR CONCRETE STRUCTURE  
3. REPLACE GRATE

**3. CREATE YOUR FLEXSTORM INLET FILTER PART NUMBER**

Frame P/N from Step 1. Filter Bag P/N from Step 2. Framing Material

**ALL PRODUCTS MANUFACTURED BY INLET & PIPE PROTECTION, INC. DISTRIBUTED BY ADS WWW.INLETFILTERS.COM (866) 287-8655 PH (530) 355-3477 FX INFO@INLETFILTERS.COM**

**SIZE C DWG NO. FLEXSTORM SPECS SHEET 1 OF 1**



**Governors Square St. Community**  
(AKA THE RESIDENCES AT GOVERNORS SQUARE)  
EROSION AND SEDIMENT CONTROL DETAILS

TOWN OF MIAMI LAKES, Florida SEC. 22, Trwp. 52, Rge. 40

Drawn By: M.T. Date: 12/12/16

Checked By: HIN Date: 02/28/17

Order No. 206440 FB 00000 Pg00

Drawing Status: PERMIT

By: **Hernando J. Navas**  
P.E., Principal  
Registered Engineer No. 50635  
State of Florida

Scale: As Noted

File No: **ML-1159**

Dwg. No: **ESC-3**

OF: 30

PORTION OF TRACT "A", ACCORDING TO THE PLAT OF "MIAMI LAKES OFFICE PARK SECTION ONE", AS RECORDED IN PLAT BOOK 125 PAGE 56 OF THE PUBLIC RECORDS OF MIAMI-DADE COUNTY, FLORIDA; TOGETHER WITH A PORTION OF TRACTS 20, 21, 22 AND 23 THE NORTHEAST 1/4 OF SECTION 22, TOWNSHIP 52 SOUTH, RANGE 40 EAST; ALSO TOGETHER WITH A PORTION OF TRACTS 10, 11, AND 13 IN THE SOUTHEAST 1/4 OF SECTION 22 TOWNSHIP 52 SOUTH, RANGE 40 EAST; AND ALSO TOGETHER WITH THAT PORTION THAT CERTAIN UNNAMED RIGHT-OF-WAY LYING WITHIN THE FOLLOWING DESCRIBED PARCEL, ACCORDING TO THE PLAT OF "HAMBERS LAND COMPANY SUBDIVISION", AS RECORDED IN PLAT BOOK 2 AT PAGE 68 OF THE PUBLIC RECORDS OF MIAMI-DADE COUNTY, FLORIDA, ALL BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

1. THIS SKETCH REPRESENTS AN "BOUNDARY SURVEY" WITH ELEVATIONS FOR "TENTATIVE PLAT" PURPOSES.
2. THERE ARE NO VISIBLE ENCROACHMENTS, OTHER THAN THOSE SHOWN HEREON.
3. THE ELEVATIONS SHOWN HEREON RELATE TO NATIONAL GEODETIC VERTICAL DATUM (N.G.V.D.) OF 1929 AND ARE EXPRESSED IN FEET.
4. VISIBLE INDICATORS OF UTILITIES ARE SHOWN HEREON, HOWEVER, THE SURVEYOR HAS MADE NO ATTEMPT TO AS-BUILT ANY UNDERGROUND UTILITIES EITHER SERVICING OR APPURTENANT TO ANY OF THE UTILITY IMPROVEMENTS SERVING THE SUBJECT SITE. (WATER, SEWER, DRAINAGE OR SITE LIGHTING).
5. MATERIAL WAS MADE BY THIS FIRM TO LOCATE WALL OR FENCE FOOTERS/FOUNDATIONS.
6. THE DISTANCES SHOWN ALONG THE PROPERTY LINES HEREON ARE RECORD AND MEASURED, UNLESS NOTED OTHERWISE.
7. THE PROPERTY SHOWN HEREON FALLS WITHIN FEDERAL FLOOD HAZARD ZONE "Ae" (BASE FLOOD ELEVATION 6) PER FLOOD INSURANCE RATE MAP NO.'S. 12086C0112L AND 12086C0114L, COMMUNITY NO.120666, PANEL NO.'S. 0112 AND 0114, SUFFIX L, MAP PANELS AND INDEX MAP DATED SEPTEMBER 11, 2009.
8. THIS SKETCH HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF THE ENTITY (ENTITIES) NAMED HEREON. THE CERTIFICATION SHOWN HEREON DOES NOT EXTEND TO ANY UNNAMED PARTIES.
9. THIS SKETCH IS SUBJECT TO EASEMENTS, RIGHTS--OF-WAY AND OTHER MATTERS THAT MAY BE REFLECTED BY A SEARCH OF TITLE TO THE SUBJECT LANDS.
10. APPLICABLE BUILDING SETBACK LINES AFFECTING THE SUBJECT PROPERTY, UNLESS NOTED OTHERWISE, ARE NOT SHOWN HEREON. VARIANCES FROM CURRENT ZONING CODES MAY EXIST BASED ON SITE PLAN APPROVALS OBTAINED DURING PERMITTING PROCESSES.
11. BENCHMARK A: NAME: N-626, MIAMI-DADE COUNTY P-K NAIL & BRASS DISC IN CONCRETE GUTTER ACROSS FROM F.P.L. SUB-STATION AT THE INTERSECTION OF N.W. 138TH STREET (PALMETTO FRONTAGE ROAD) AND N.W. 80TH AVENUE. ELEVATION=7.27 N.G.V.D. 1929.
12. BENCHMARK B: NAME: N-632, MIAMI-DADE COUNTY P-K NAIL & BRASS WASHER IN CONCRETE SIDEWALK 12' EAST OF FIRE HYDRANT ON THE S.W. CORNER OF THE INTERSECTION OF N.W. 146TH STREET AND N.W. 77TH AVENUE. ELEVATION=7.28 N.G.V.D. 1929.
13. UNLESS STATED OTHERWISE, THIS FIRM DOES NOT CERTIFY THE EXTENT TO WHICH THE SUBJECT PROPERTY COMPLIES WITH APPLICABLE ZONING REQUIREMENTS, REGULATIONS AND/OR RESTRICTIONS.
14. THE BEARINGS SHOWN HEREON RELATE TO AN ASSUMED BEARING (N00°07'01"E) ALONG THE CENTERLINE OF INDUSTRIAL WAY PER PLAT BOOK 117 AT PAGE 76.
15. THE REVIEW AND EXAMINATION OF TITLE EXCEPTIONS, WHEN CONDUCTED BY THIS FIRM, HAS BEEN PERFORMED UNDER THE SUPERVISION OF A LICENSED LAND SURVEYOR AND MAPPER. THE ATTESTING SURVEYOR AND MAPPER IS NEITHER TRAINED NOR LICENSED TO PROVIDE LEGAL ANALYSIS, INTERPRETATION, OR CONCLUSIONS ABOUT THE DOCUMENTS AND INSTRUMENTS REVIEWED IN SUCH TITLE EXCEPTIONS AND THEREFORE NO SUCH LEGAL ANALYSIS, INTERPRETATION OR CONCLUSIONS SHOULD BE IMPLIED.
16. THERE ARE NO UNDERGROUND PUBLIC UTILITIES LYING WITHIN THE BOUNDARY OF THE SUBJECT PROPERTY. ALL PUBLIC UTILITIES (EXCLUDING SERVICE LINES SERVING THE SUBJECT PROPERTY) LIE WHOLLY WITHIN PUBLICLY DEDICATED RIGHTS--OF-WAY. ALL UNDERGROUND INFORMATION, WHEN PROVIDED BY OTHERS, IS SUBJECT TO THE ACCURACY OF THE INFORMATION PROVIDED. LACKING EXCAVATION, THE EXACT LOCATION OF UNDERGROUND FEATURES CANNOT BE ACCURATELY, COMPLETELY AND RELIABLY DEPICTED. WHERE ADDITIONAL OR MORE DETAILED INFORMATION IS REQUIRED, THE CLIENT IS ADVISED THAT EXCAVATION MAY BE NECESSARY.
17. THE SUBJECT SITE HAS NO OBSERVED EVIDENCE OF CURRENT EARTH MOVING WORK, BUILDING CONSTRUCTION OR BUILDING ADDITIONS.
18. THE SUBJECT SITE HAS NO OBSERVED EVIDENCE OF HAVING BEEN USED AS A SOLID WASTE DUMP, SUMP OR SANITARY LANDFILL. TO THE BEST OF MY KNOWLEDGE AND BELIEF, THERE ARE NO DESIGNATED WETLANDS LOCATED ON THE SUBJECT SITE.
19. AN EXPRESS PROVISION OF THIS PLAT IS TO CLOSE, ABANDON, VACATE AND DISCONTINUE FROM PUBLIC USE THAT CERTAIN UNNAMED 20.00 FOOT WIDE RIGHT-OF-WAY LYING WITHIN THE BOUNDARY OF THE SUBJECT SITE AS SHOWN ON THE PLAT OF "CHAMBERS LAND COMPANY SUBDIVISION," PLAT BOOK 2 AT PAGE 68, OF THE PUBLIC RECORDS OF MIAMI-DADE COUNTY, FLORIDA, SAID LANDS CONTAINING 21,314 SQUARE FEET, MORE OR LESS (0.489 acres, MORE OR LESS).



ELEVATIONS RELATE TO NATIONAL GEODETIC VERTICAL DATUM OF 1929 (N.G.V.D. 1929)

| TREE NO | COMMON NAME      | SPECIES                    | DI. IN. | HT. FT. | CNPLY. Ø |
|---------|------------------|----------------------------|---------|---------|----------|
| 1       | LIVE OAK         | "Quercus virginiana"       | 28      | 35      | 75       |
| 2       | LIVE OAK         | "Quercus virginiana"       | 24      | 30      | 55       |
| 3       | LIVE OAK         | "Quercus virginiana"       | 30      | 35      | 70       |
| 4       | LIVE OAK         | "Quercus virginiana"       | 19      | 30      | 50       |
| 5       | LIVE OAK         | "Quercus virginiana"       | 30      | 30      | 50       |
| 6       | LIVE OAK         | "Quercus virginiana"       | 20      | 35      | 60       |
| 7       | LIVE OAK         | "Quercus virginiana"       | 18      | 30      | 60       |
| 8       | LIVE OAK         | "Quercus virginiana"       | 17      | 30      | 55       |
| 9       | LIVE OAK         | "Quercus virginiana"       | 21      | 32      | 60       |
| 10      | LIVE OAK         | "Quercus virginiana"       | 12      | 28      | 45       |
| 11      | LIVE OAK         | "Quercus virginiana"       | 22      | 30      | 55       |
| 12      | LIVE OAK         | "Quercus virginiana"       | 18      | 30      | 45       |
| 13      | LIVE OAK         | "Quercus virginiana"       | 12      | 25      | 40       |
| 14      | LIVE OAK         | "Quercus virginiana"       | 10      | 25      | 35       |
| 15      | LIVE OAK         | "Quercus virginiana"       | 12      | 25      | 25       |
| 16      | SILK OAK         | "Grevillea robusta"        | 10      | 30      | 25       |
| 17      | SILK OAK         | "Grevillea robusta"        | 10      | 30      | 35       |
| 18      | LIVE OAK         | "Quercus virginiana"       | 27      | 35      | 70       |
| 19      | LIVE OAK         | "Quercus virginiana"       | 10      | 25      | 25       |
| 20      | LIVE OAK         | "Quercus virginiana"       | 24      | 70      | 32       |
| 21      | LIVE OAK         | "Quercus virginiana"       | 15      | 30      | 50       |
| 22      | LIVE OAK         | "Quercus virginiana"       | 25      | 35      | 60       |
| 23      | LIVE OAK         | "Quercus virginiana"       | 22      | 30      | 50       |
| 76      | ROYAL PALM       | "Roystonea elata"          | 10      | 30      | 25       |
| 77      | ROYAL PALM       | "Roystonea elata"          | 12      | 30      | 30       |
| 78      | LIVE OAK         | "Quercus virginiana"       | 11      | 30      | 25       |
| 79      | LIVE OAK         | "Quercus virginiana"       | 14      | 30      | 30       |
| 80      | LIVE OAK         | "Quercus virginiana"       | 10      | 30      | 25       |
| 81      | LIVE OAK         | "Quercus virginiana"       | 15      | 30      | 30       |
| 82      | LIVE OAK         | "Quercus virginiana"       | 15      | 30      | 30       |
| 83      | LIVE OAK         | "Quercus virginiana"       | 10      | 30      | 20       |
| 84      | SILK OAK         | "Grevillea robusta"        | 6       | 25      | 30       |
| 85      | SILK OAK         | "Grevillea robusta"        | 6       | 22      | 15       |
| 86      | ROYAL PALM       | "Roystonea elata"          | 15      | 30      | 20       |
| 87      | SILK OAK         | "Grevillea robusta"        | 7       | 22      | 20       |
| 88      | SILK OAK         | "Grevillea robusta"        | 9       | 25      | 30       |
| 89      | ROYAL PALM       | "Roystonea elata"          | 15      | 30      | 25       |
| 90      | ROYAL PALM       | "Roystonea elata"          | 10      | 30      | 20       |
| 91      | ROYAL PALM       | "Roystonea elata"          | 14      | 30      | 25       |
| 92      | ROYAL PALM       | "Roystonea elata"          | 12      | 25      | 25       |
| 95      | BRAZILIAN PEPPER | "Schinus terebinthifolius" | 7       | 15      | 25       |
| 96      | LIVE OAK         | "Quercus virginiana"       | 14      | 28      | 40       |
| 98      | LIVE OAK         | "Quercus virginiana"       | 20      | 30      | 50       |
| 99      | LIVE OAK         | "Quercus virginiana"       | 20      | 30      | 55       |
| 101     | LIVE OAK         | "Quercus virginiana"       | 30      | 35      | 70       |

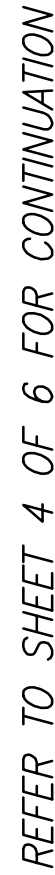
I HEREBY CERTIFY THAT THIS "BOUNDARY SURVEY" OF THE PROPERTY DESCRIBED HEREON IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AS RECENTLY SURVEYED AND DRAWN UNDER MY SUPERVISION AND DIRECTION. THIS SURVEY COMPLIES WITH THE STANDARDS OF PRACTICE REQUIREMENTS ADOPTED BY THE FLORIDA STATE BOARD OF SURVEYORS AND MAPPERS PURSUANT TO CHAPTER 5J-17, FLORIDA ADMINISTRATIVE CODE.

BY: MARK STEVEN JOHNSON, PRINCIPAL  
PROFESSIONAL LAND SURVEYOR No. 4775  
STATE OF FLORIDA.

# BOUNDARY SURVEY

Section 22 Township 52 South Range 40 East Miami-Dade County Florida

[illegible]



## BOUNDARY SURVEY

Section 22, Township 52 South, Range 40 East, Miami-Dade County, Florida

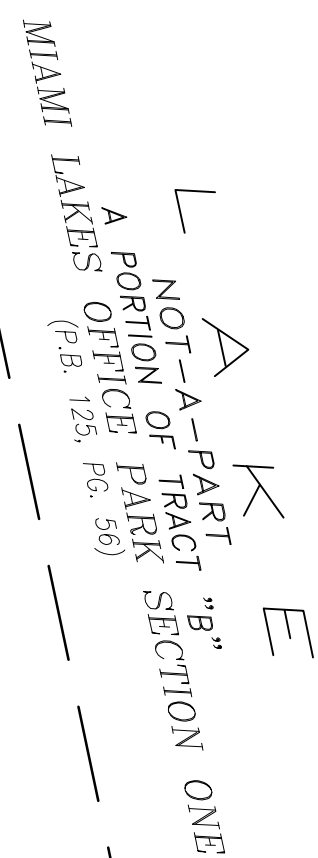
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REFER TO SHEET 5 OF 6 FOR CONTINUATION

[illegible]





(D) denotes DEED INFORMATION  
(L) denotes INFORMATION BY LEGAL DESCRIPTION  
(M) denotes MEASURED INFORMATION  
(R) denotes RECORD OR PLATTED INFORMATION  
C.M.P. denotes CORRUGATED METAL PIPE  
1-322 denotes TREE NUMBERS  
UNK denotes UNDERGROUND UNKNOWN UTILITY  
S.I.P. denotes SET IRON PIPE & LB-87 CAP

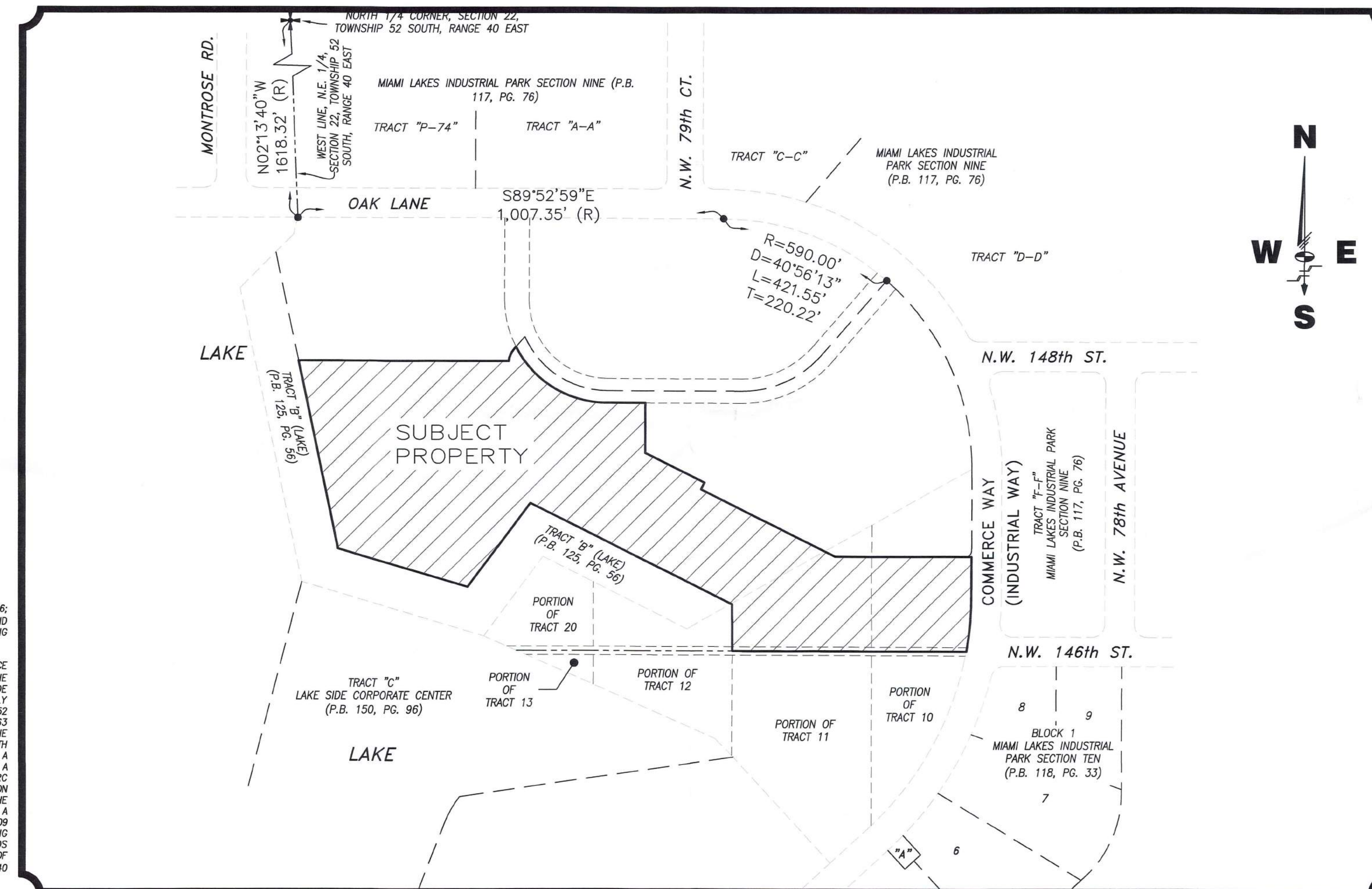
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# GRAHAM SENIOR VILLAGE

TOWN OF MIAMI LAKES, FLORIDA SEC. 22, TWP. 52, RGE. 40

## FIRE ACCESS PLAN

NOVEMBER, 2016



### LOCATION SKETCH

NOT TO SCALE

prepared by

SCHWEBKE-SHISKIN & ASSOCIATES, INC.

3240 CORPORATE WAY, MIRAMAR, FL. 33025

LAND PLANNERS - ENGINEERS - LAND SURVEYORS (LB & CA#87)

TEL: (305)652-7010

FAX: (305)652-8284

#### LEGAL DESCRIPTION: (PARENT TRACT & CUT-OUT PARCEL)

A PORTION OF TRACT "A," ACCORDING TO THE PLAT OF "MIAMI LAKES OFFICE PARK SECTION ONE," AS RECORDED IN PLAT BOOK 125 AT PAGE 56; TOGETHER WITH A PORTION OF TRACTS 22 AND 23 IN THE NORTHEAST 1/4 OF SECTION 22, TOWNSHIP 52 SOUTH, RANGE 40 EAST, "CHAMBERS LAND COMPANY SUBDIVISION," AS RECORDED IN PLAT BOOK 2 AT PAGE 68, BOTH OF THE PUBLIC RECORDS OF MIAMI-DADE COUNTY, FLORIDA, ALL BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGIN AT THE MOST EASTERLY CORNER OF SAID TRACT "A," AS SHOWN ON THE SAID PLAT OF "MIAMI LAKES OFFICE PARK SECTION ONE;" THENCE SOUTH 00 DEGREES 07 MINUTES 01 SECONDS WEST, ALONG THE WEST RIGHT-OF-WAY LINE OF INDUSTRIAL WAY (COMMERCE WAY), AS SHOWN ON THE PLAT OF "MIAMI LAKES INDUSTRIAL PARK SECTION NINE," AS RECORDED IN PLAT BOOK 117 AT PAGE 76, OF THE PUBLIC RECORDS OF MIAMI-DADE COUNTY, FLORIDA, FOR 194.25 FEET TO THE POINT OF CURVATURE OF A CIRCULAR CURVE CONCAVE TO THE NORTHWEST; THENCE RUN SOUTHERLY AND WESTERLY ALONG THE ARC OF A CIRCULAR CURVE TO THE RIGHT, HAVING A RADIUS OF 15.00 FEET AND A CENTRAL ANGLE OF 89 DEGREES 52 MINUTES 59 SECONDS, FOR AN ARC DISTANCE OF 23.53 FEET TO A POINT OF TANGENCY; THENCE WEST FOR 307.37 FEET; THENCE NORTH 63 DEGREES 22 MINUTES 29 SECONDS WEST FOR 355.60 FEET; THENCE NORTH 26 DEGREES 37 MINUTES 31 SECONDS EAST, AT RIGHT ANGLES TO THE LAST AND NEXT DESCRIBED COURSES, FOR 18.00 FEET; THENCE NORTH 63 DEGREES 22 MINUTES 29 SECONDS WEST FOR 158.04 FEET; THENCE NORTH 00 DEGREES 07 MINUTES 01 SECONDS EAST FOR 147.53 FEET; THENCE SOUTH 89 DEGREES 52 MINUTES 59 SECONDS EAST FOR 228.58 FEET TO A POINT OF CURVATURE OF A CIRCULAR CURVE CONCAVE TO THE NORTHWEST; THENCE RUN EASTERLY AND NORTHEASTERLY ALONG THE ARC OF A CIRCULAR CURVE TO THE LEFT, HAVING A RADIUS OF 250.00 FEET AND A CENTRAL ANGLE OF 49 DEGREES 03 MINUTES 47 SECONDS FOR AN ARC DISTANCE OF 214.08 FEET TO A POINT OF TANGENCY; THENCE NORTH 41 DEGREES 03 MINUTES 14 SECONDS EAST FOR 233.66 FEET TO A POINT ON THE NEXT DESCRIBED CIRCULAR CURVE; SAID POINT BEARS NORTH 41 DEGREES 03 MINUTES 14 SECONDS EAST FROM THE RADIUS POINT OF THE FOLLOWING DESCRIBED CIRCULAR CURVE CONCAVE TO THE SOUTHWEST; SAID LAST THREE DESCRIBED COURSES BEING ALONG THE CENTERLINE OF A 58.00 FOOT WIDE INGRESS-EGRESS EASEMENT AS RECORDED IN OFFICIAL RECORDS BOOK 27060 AT PAGE 2827 AND OFFICIAL RECORDS BOOK 13809 AT PAGE 3459, BOTH OF THE PUBLIC RECORDS OF MIAMI-DADE COUNTY, FLORIDA; THENCE SOUTHEASTERLY, SOUTHERLY AND SOUTHWESTERLY, ALONG THE ARC OF A CIRCULAR CURVE TO THE RIGHT, HAVING A RADIUS OF 590.00 FEET AND A CENTRAL ANGLE OF 49 DEGREES 03 MINUTES 47 SECONDS FOR AN ARC DISTANCE OF 505.22 FEET TO THE POINT OF BEGINNING; SAID LAST DESCRIBED COURSE BEING ALONG THE WEST RIGHT-OF-WAY LINE OF THE AFORESAID INDUSTRIAL WAY (COMMERCE WAY), ALL LYING AND BEING IN THE NORTHEAST 1/4 OF SECTION 22, TOWNSHIP 52 SOUTH, RANGE 40 EAST, TOWN OF MIAMI LAKES, MIAMI-DADE COUNTY, FLORIDA.

NOT PART OF M-DWASD NOTES NOR APPROVAL

#### FLOOD CRITERIA NOTES

(NOT A PART OF M-DWASD NOTES NOR APPROVAL)

1. MIAMI-DADE COUNTY FLOOD CRITERIA = 6.60' N.G.V.D.

2. FEMA FLOOD ELEVATION = FLOOD ZONE AE 6.0 PER COMMUNITY PANEL NO. 1206860112L MAP DATED ON 9/11/2009.

3. MIAMI-DADE COUNTY OCT. W.T. = 3.40' N.G.V.D.

Always call 811 two full business days before you dig

Sunshine811.com



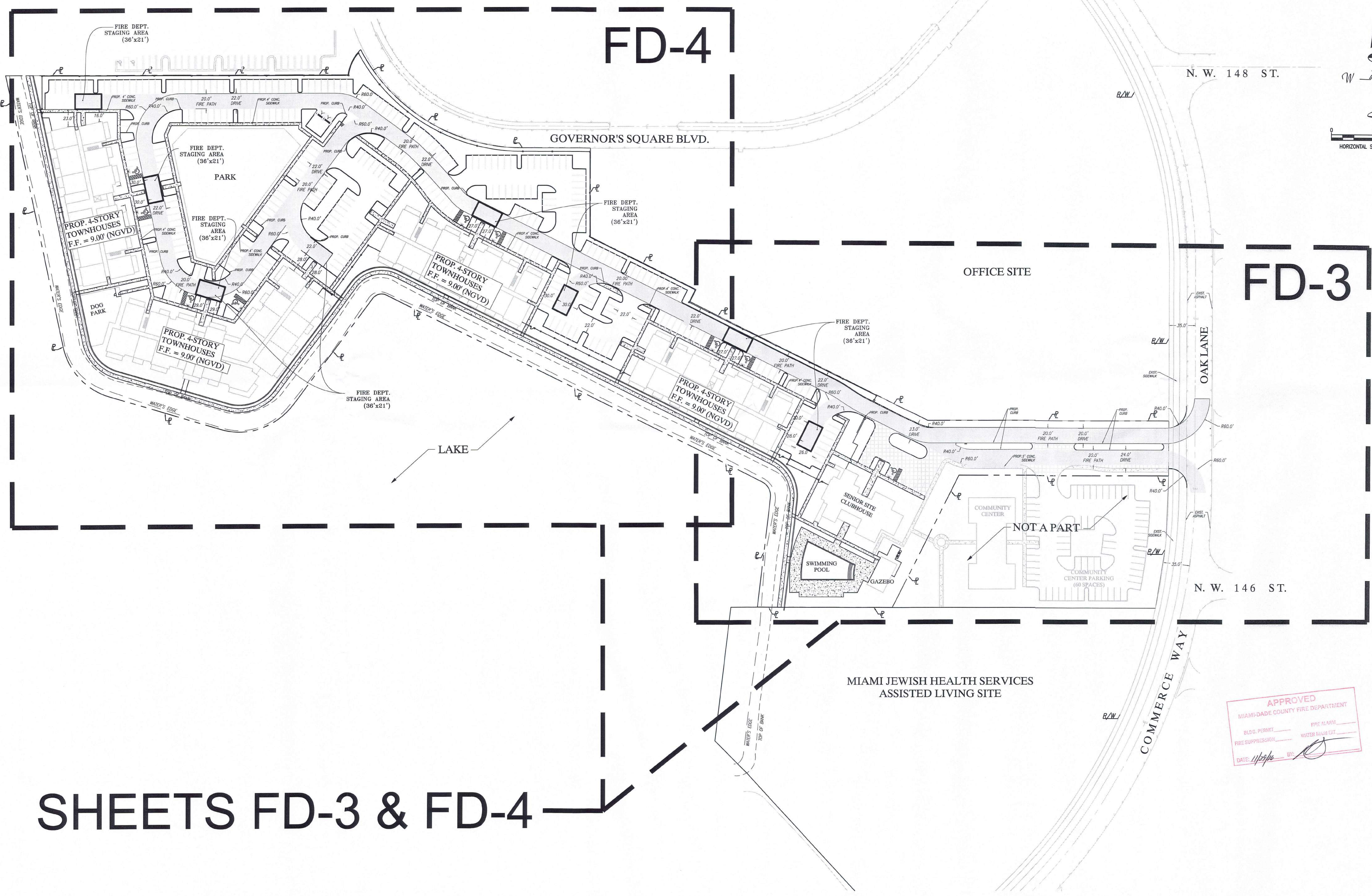
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FILE No. ML-1159

FD-1

SHEET 1 OF 4



SHEETS FD-3 & FD-4

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Shiskin &  
Associates, Inc.

LAND SURVEYORS  
CIVIL ENGINEERS  
LAND PLANNERS  
LB#87 CA#87

3240 CORPORATE WAY  
MIRAMAR, FL 33025  
TEL: (305)652-7010  
FAX: (305)652-8284

| REVISIONS |         |    |
|-----------|---------|----|
| Date      | Remarks | By |
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**GRAHAM SENIOR VILLAGE**  
FIRE ACCESS PLAN  
Town of Miami Lakes, Florida Sec. 22-52-40

Drawn By: MT Date: 11/14/16

Checked By: HJN Date: 11/17/16

Order No. 205999 FB 00000 Pg.00

Drawing Status: Preliminary

By: Hernando J. Navas  
P.E., Principal  
Registered Engineer No. 50635  
State of Florida

Scale: As Noted

File No. ML-1159

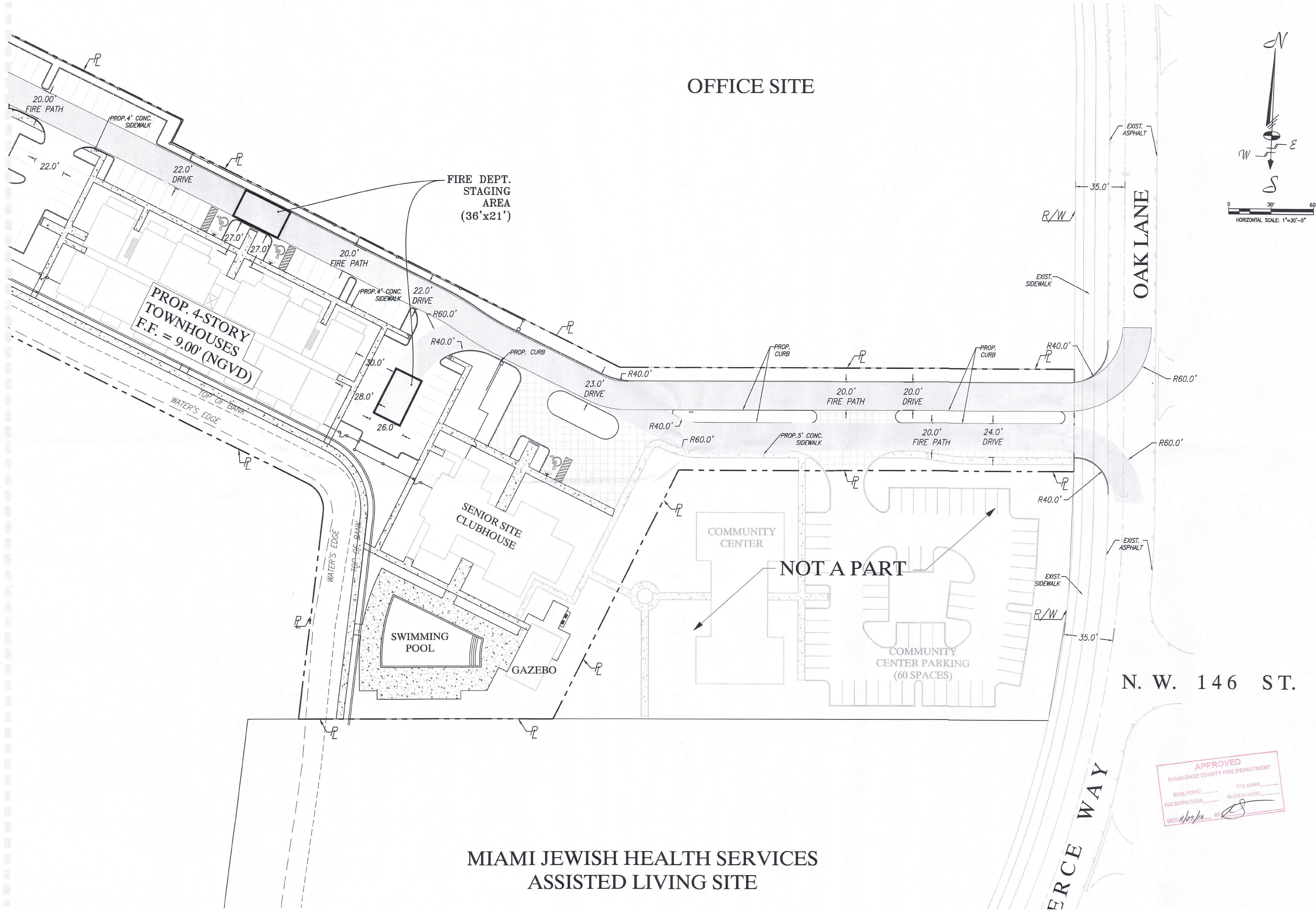
Dwg. No:

FD-2

OF: FD-4



SEE SHEET FD-3



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| Date | Remarks | By |
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GRAHAM SENIOR VILLAGE

FIRE ACCESS PLAN

Town of Miami Lakes, Florida Sec. 22-52-40

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Checked By: HJN Date: 11/14/16

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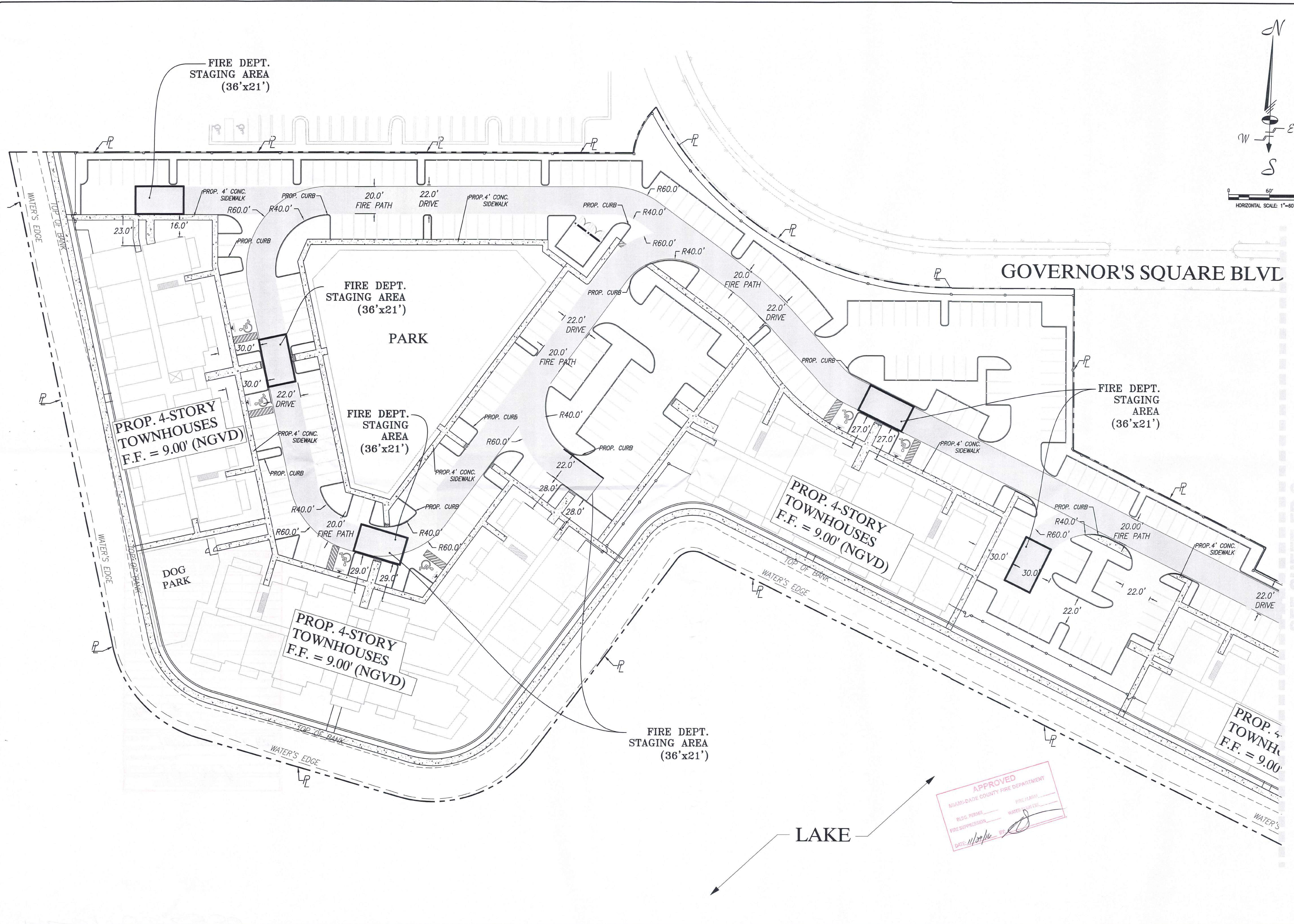
Dwg. No:

FD-3

OF: FD-4



MIAMI JEWISH HEALTH SERVICES  
ASSISTED LIVING SITE



**Schuelke  
Shiskin &  
Associates, Inc.**

LAND SURVEYORS  
CIVIL ENGINEERS  
LAND PLANNERS  
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MIRAMAR, FL 33025  
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**REVISIONS**

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**GRAHAM SENIOR VILLAGE**  
FIRE ACCESS PLAN  
Town of Miami Lakes, Florida Sec. 22-52-40

Drawn By: MT Date: 11/14/16

Checked By: HJN Date: 11/14/16

Order No. 205999 FB 00000 Pg.06

Drawing Status: Preliminary

By: Hernando J. Navas  
P.E., Principal  
Registered Engineer No. 50835  
State of Florida

Scale: As Noted

File No. **ML-1159**

Dwg. No:

**FD-4**

OF: FD-4



M2017002530