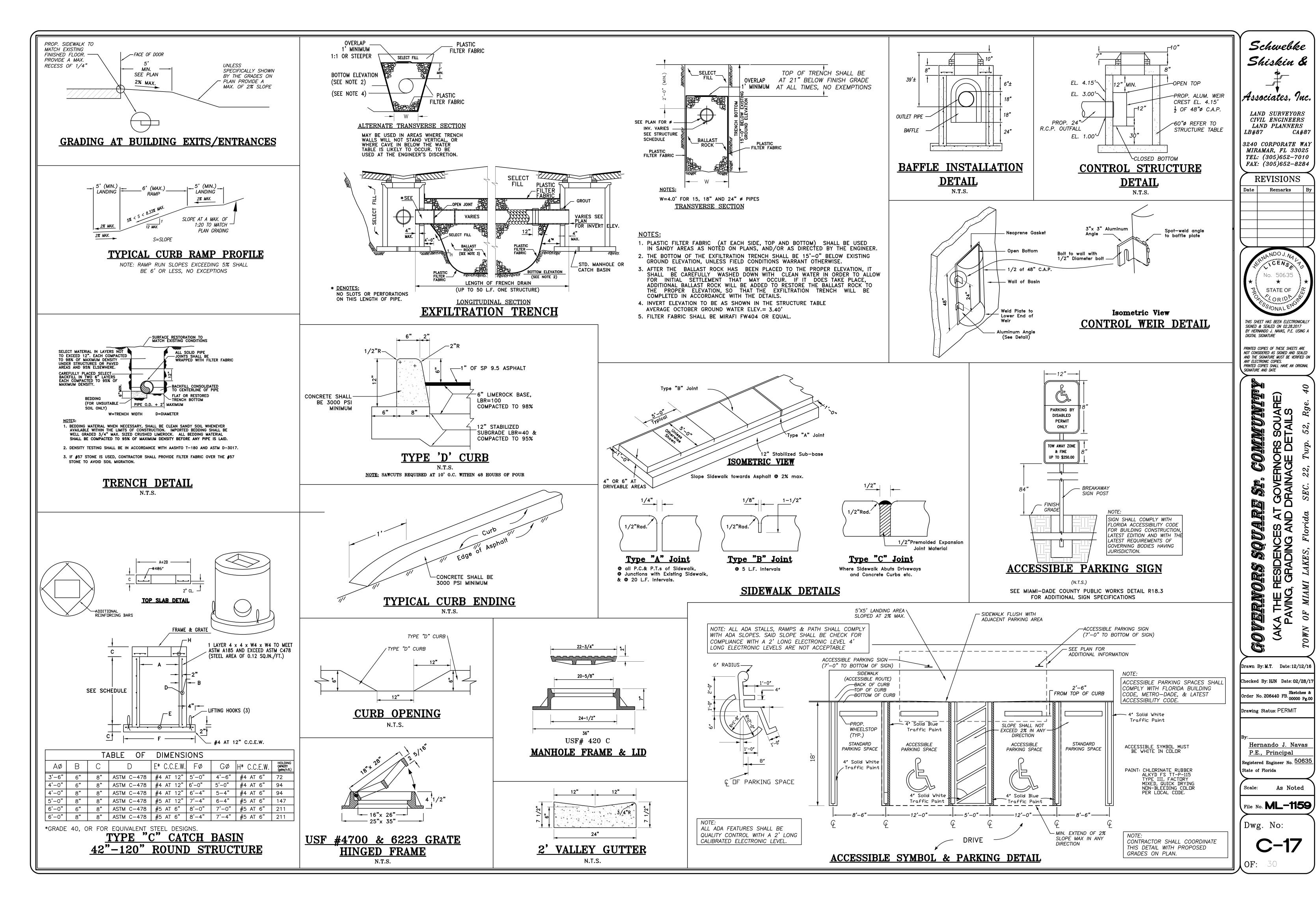
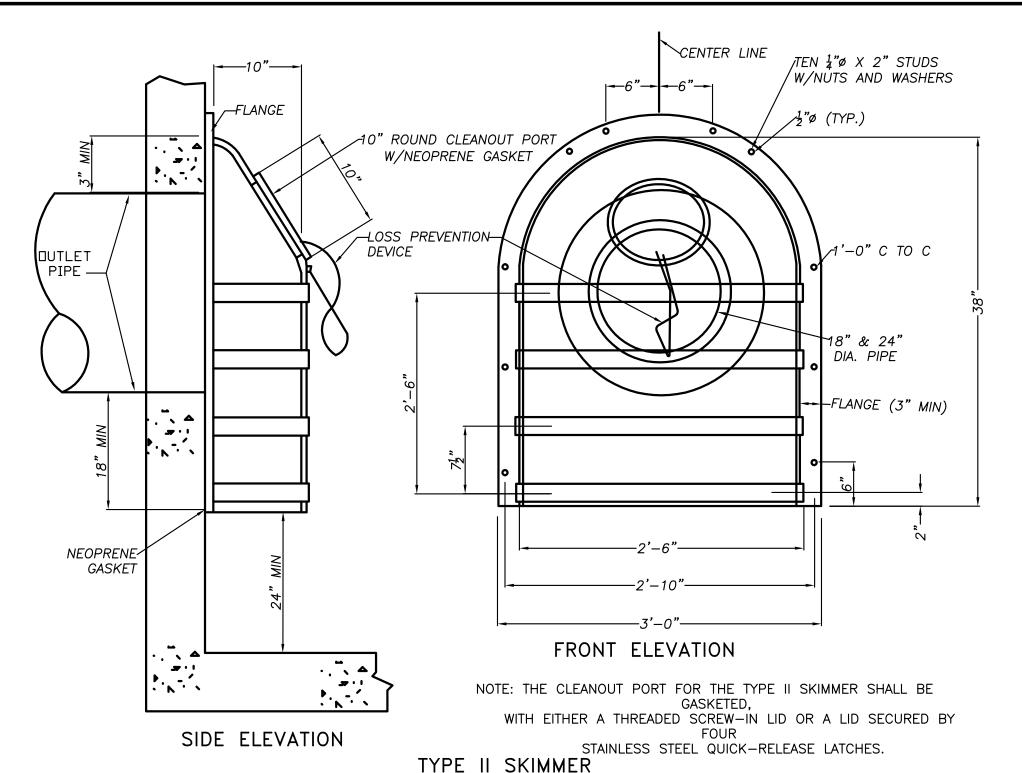


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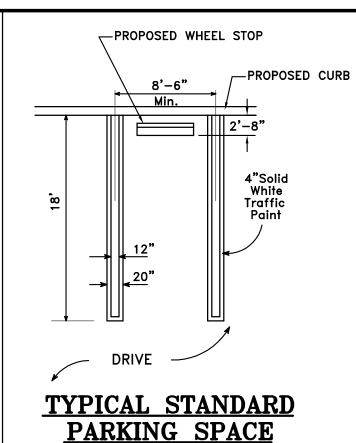
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## GENERAL NOTES

- 1. THE FRENCHDRAIN SKIMMER IS A HOODED COVER, MOUNTED OVER AN OUTLET IN A CATCHBASIN, THAT PREVENTS OIL AND FLOATING DEBRIS FROM EXITING THE BASIN. USE THIS SKIMMER IN FRENCHDRAIN CATCHBASINS AND IN OTHER LOCATIONS WERE THERE IS A NEED TO PREVENT OIL, DEBRIS OR OTHER FLOATING CONTAMINANTS FRON EXITING CATCHBASINS THROUGH OUTLET PIPES
- 2. PLACE NEOPRENE GASKET MATERIAL BETWEEN THE SKIMMER AND THE CATCHBASIN AT ALL POINTS OF CONTACT. TRIM THE GASKET NEATLY TO EXTEND 3 INCH BEYOND THE JOINT.
- 3. SKIMMER BAFFLE, CLEANOUT PIPE AND ANGLES SHALL BE PRIMARILY CONSTRUCTED OF ETHER GALVANIZED STEEL, ALUMINUM, POLYVINYL CHLORIDE, POLYETHYLENE, FIBERGLASS OR ACRYLONITRITE BUTADIENE STYRENE. ALL STEEL COMPONENTS, OTHER THAN STAINLESS, SHALL BE HOT-DIP GALVANIZED.
- 4. MOUNTING HARDWARE, HINGES AND LATCHES SHALL ALL BE STAINLESS STEEL, LOSS PREVENTION DEVICE SHALL BE EITHER STAINLESS STEEL CHAIN OR RIVETED NYLON STRAP.
- 5. MATERIAL USED IN CONSTRUCTION OF SKIMMER BODIES (BAFFLES) AND CLEANOUT PIPE SHALL COMPLY WITH STANDARD SPECIFICATION 943 FOR STEEL 945 FOR ALUMINUM OR 948 FOR PLASTICS.
- 6. ALL COSTS FOR FURNISHING AND INSTALLING A FRENCHDRAIN SKIMMER SHALL BE INCLUDED IN THE COST OF THE BASIN IN WHICH IT IS INSTALLED RETROFIT SKIMMERS SHALL BE PAID FOR AS 'MODIFY EXISTING STRUCTURE'
- 7. PLASTIC SKIMMERS SHALL CONTAIN A MINIMUM OF 1.5% BY WEIGHT OF CARBON BLACK FOR UV PROTECTION.

### F-DOT TYPE II SKIMMER



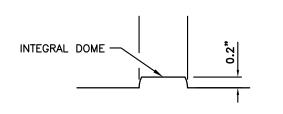
WITH WHEEL STOP

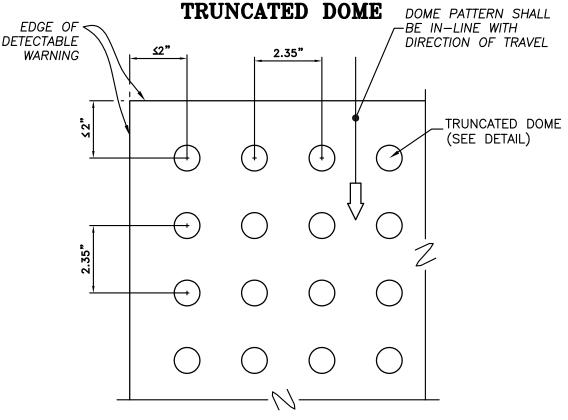
### MISCELLANEOUS NOTES:

- ALL STORM DRAINAGE STRUCTURES SHALL BE EQUIPPED WITH FILTER CLOTH SUPPORTED BELOW THE GRATE/INLET WITH WIRE MESH OR A SIMILAR SYSTEM UPON INSTALLATION OF THE BASIN TOPS ON SITE. THE FILTER CLOTH FABRIC IS NOT TO BE REMOVED OR PERFORATED/DISTURBED FROM THE BASINS UNTIL LANDSCAPING, SOD INSTALLATION, PAVEMENT/CURBING INSTALLATION, STRIPING, AND SWEEPING IS COMPLETED ON THE ENTIRE SITE.
- ALL STRUCTURES SHALL BE VACUUMED CLEAN OF ALL SILT, SAND, AND DEBRIS BEFORE FINAL ACCEPTANCE BY THE ENGINEER AND THE OWNER.
- ALL STORM DRAINAGE PIPE (PERFORATED OR NON-PERFORATED) WILL BE INSTALLED AND MAINTAINED CLEAN AND CLEAR OF DEBRIS, ROCK, SAND AND SILT.
- CONTRACTOR(S) SHALL BE CAUTIONED THAT INTRODUCTION OF SUCH MATERIALS AS CONSTRUCTION MATERIALS, CONCRETE AND STUCCO SLURRY OR WASHOFF MATERIALS FROM THESE OPERATIONS, PAINT AND PAINTING ACTIVITY INGREDIENTS, OILS, HYDRAULIC FLUIDS, FUELS AND OR ANY OTHER SUCH DELETERIOUS MATERIALS, WHEN INTRODUCED INTO THE STORM DRAINAGE SYSTEM CAN AND WILL RENDER IT USELESS, POLLUTE THE SITE AND SURROUNDING SITES OR HARM THE SYSTEM'S PERFORMANCE LEVEL.

### NOTES:

- . ALL ELEVATIONS REFER TO N.G.V.D.. 2. ALL WORK SHALL CONFORM TO THE DEPARTMENT OF ENVIRONMENTAL RESOURCES MANAGEMENT, SOUTH FLORIDA WATER MANAGEMENT DISTRICT AND MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT REGULATIONS & STANDARDS.
- C.A.P.= CORRUGATED ALUMINIUM PIPE AND SHALL MEET FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AS SET FORTH IN SECTIONS 945, 430 AND 440.
- . PRIOR TO EXCAVATION THE CONTRACTOR SHALL VERIFY THE LOCATION (VERTICALLY & HORIZONTALLY) OF ALL OF THE EXISTING UTILITIES IN ORDER TO AVOID CONFLICTS WITH THE PROPOSED DRAINAGE. IN CASE OF CONFLICT THE CONTRACTOR SHALL NOTIFY THE ENGINEER.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL DRAINAGE STRUCTURES, GRATES, ETC. FOR HIS APPROVAL PRIOR TO INSTALLATION.





### PLAN VIEW

- 1-ALL SIDEWALK CURB RAMPS SHALL HAVE DETECTABLE WARNING SURFACES THAT EXTEND THE FULL WIDTH & RUN OF THE RAMP
- 2-FLUSHED SIDEWALK/ASPHALT CONNECTION SHALL HAVE A 3.0' TACTILE MAT EXTENDING THE FULL WIDTH OF THE CONNECTION

### **CURB RAMP DETECTABLE WARNING** N.T.S.

NOTE: MAT SHAL BE YELLOW IN COLOR

## 2" 6" \_ 3000 P.S.I. CONC. (MIN.) 2 #3 CONTINUOUS - (SEE SECTION) 1 #4 AT EACH END $^{\prime}$ 12" LONG ( 2 )

·1/2"Premolded Expansion

Joint Material

**EXPANSION JOINT BETWEEN** 

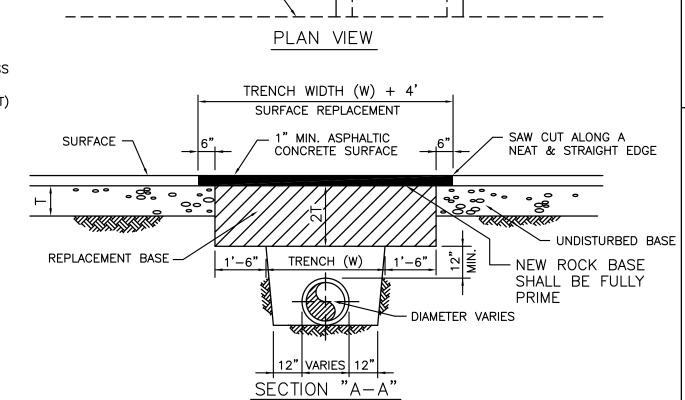
SIDEWALK & BUILDING

N.T.S.

# WHEEL STOP DETAIL

PROVIDE ONE AT EACH PARKING SPACE

- REPLACED BASE MATERIAL OVER TRENCH SHALL BE TWICE THE THICKNESS OF THE ORIGINAL BASE, MINIMUM 12", MAXIMUM 18". 2. BASE MATERIAL SHALL BE PLACED IN 6" MAXIMUM (LOOSE MEASUREMENT)
- LAYERS AND EACH LAYER THOROUGHLY ROLLED OR TAMPED TO 98% OF MAXIMUM DENSITY, PER AASHTO T-180. 3. ASPHALT CONCRETE PAVEMENT JOINTS SHALL BE MECHANICALLY SAWED.
- 4. SURFACE TREATED PAVEMENT JOINTS SHALL BE LAPPED AND FEATHERED
- 5. SURFACE MATERIAL SHALL BE CONSISTENT WITH THE EXISTING SURFACE.
- 6. BASE MATERIAL SHALL HAVE A MINIMUM LBR OF 100 AND A MINIMUM CARBONATE CONTENT OF 70%.



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EXISTING PAVEMENT

PAVEMENT RESTORATION DETAIL

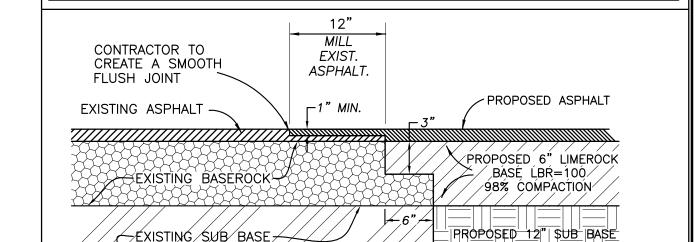
### REFER TO GRADING PLAN FOR EDGE OF PAVEMENT AND TOP OF CURB GRADE. IF NOT SHOWN — SEE PLAN 2% MAX. 1.0% MIN. SIDEWALK 2″ Rad₊ ASPHALT PARKING / DRIVE (SLOPE VARIES) PROP. 12" SUB-BASE, MIN. LBR=40 MIN. COMPACTION= 95% PROP. CONCRETE SHALL BE 4,000 PSI MIN.

THICKENED EDGE SIDEWALK (Concrete Shall Be 3,000 PSI MIN.) N.T.S.

### **GENERAL NOTES:**

- ALL ELEVATIONS REFER TO N.G.V.D. (1929). ALL WORK SHALL CONFORM TO THE MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT'S GRADING AND DRAINAGE REGULATIONS AND STANDARDS, RER WATER MANAGEMENT REGULATIONS AND STANDARDS AND FLORIDA D.O.T. STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION & THE TOWN OF MIALI LAKES
- REQUIREMENTS. LIME ROCK BASE COURSE: AT LEAST 97% (BY WEIGHT) OF THE MATERIAL SHALL PAS A 3.5" SIEVE AND NO MORE THAN 70% SHALL PASS A 3/4" SIEVE AND THE MATERIAL SHALL BE GRADED UNIFORMLY DOWN TO DUST. ALL CRUSHING WHICH MIGHT BE NECESSARY IN ORDER TO MEET SUCH SIZE REQUIREMENT SHALL BE DONE BEFORE
- THE MATERIAL IS PLACED ON THE PARKING & DRIVES AREA. MATERIAL HAVING A LIME ROCK BEARING RATIO (L.B.R.) LESS THAN 100 WILL NOT BE ALLOWED FOR BASE MATERIAL. STABILIZED SUB-BASE SHALL HAVE A MIN. L.B.R.= 40
- UNDER ALL ASPHALT AREAS. BASE MATERIAL SHALL BE COMPACTED TO 98% OF THE MODIFIED PROCTOR COMPACTION TEST, PER AASHTO T—180 METHOD. SUB—BASE MATERIAL SHALL BE COMPACTED TO 95% OF THE MODIFIED PROCTOR COMPACTION TEST, PER AASHTO
- PRIME COAT ON LIME ROCK BASE COURSE SHALL MEET FDOT STANDARD AS SET FORTH IN SECTION 300.
- ASPHALTIC CONCRETE SHALL BE SP 9.5 ASPHALTIC CONCRETE SHALL MEET FDOT STANDARD SPECIFICATIONS AS SET FORTH IN SECTION 334, UNLESS SPECIFIED OTHERWISE.
- 8. THE LOCATION OF ALL EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. ADDITIONAL UTILITIES MAY EXIST WHICH ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN LOCATIONS FOR ALL UNDERGROUND UTILITIES WITHIN THE LIMITS OF CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE WITH THE TOWN OF MIAMI LAKES ON THE LOCATION OF EXISTING TOWN OF MIAMI LAKES UNDERGROUND FACILITIES IF APPLICABLE. THE CONTRACTOR SHALL VERIFY ALL UTILITIES. BY ELECTRONIC METHODS AND/OR BY HAND EXCAVATION IN COORDINATION WITH ALL UTILITY COMPANIES. PRIOR TO BEGINNING ANY CONSTRUCTION OPERATIONS. ANY AND ALL CONFLICTS OF EXISTING UTILITIES WITH PROPOSED IMPROVEMENTS SHALL BE RESOLVED BY THE ENGINEER AND THE OWNER PRIOR TO BEGINNING ANY CONSTRUCTION OPERATIONS.
- TRAFFIC MARKING, STRIPING AND SIGNS TO BE IN CONFORMANCE WITH MIAMI-DADE COUNTY SPECIFICATIONS, MANUAL ON UNIFORM TRAFFIC DEVICES.
- 10. IN THE EVENT THAT UNSUITABLE SOILS (MUCK) ARE FOUND WITHIN THE LIMITS OF TH PROPOSED PARKING LOT & DRIVES. THE CONTRACTOR SHALL REMOVE SAID SOILS TO ITS FULL DEPTH. THE EXCAVATED MATERIAL SHALL BE SUBSTITUTED WITH 40 LBR SOILS COMPACTED TO 95% IN 12" LAYERS.
- 11. CONTRACTOR: a. COORDINATE YOUR WORK WITH WATER & SEWER CONTRACTOR TO AVOID POTENTIAL CONFLICTS.
- b. IF EXISTING IMPROVEMENTS ARE DAMAGED, RESTORE THEM TO THEIR CONDITION AT THE BEGINNING OF YOUR WORK.
- NOTIFY ALL UTILITY COMPANIES BEFORE STARTING WORK. d. YOU ARE SOLELY RESPONSIBLE FOR COORDINATING AND GIVING NOTICE OF REQUIRED INSPECTIONS. IN DOING THIS HONOR THE LEAD TIME NEEDS OF THE
- RESPECTIVE AGENCIES. 12. ALL DISPOSAL MATERIAL, RUBBISH AND DEBRIS SHALL BE MADE AT LEGAL DISPOSAL SITE OR BY OTHER PRIOR APPROVED MANNER. MATERIAL CLEARED FROM THE SITE AND DEPOSITED ON ADJACENT OR NEARBY PROPERTY WILL NOT BE CONSIDERED AS HAVING BEEN DISPOSED SATISFACTORILY. NO SEPARATE PAYMENT WILL MADE FOR THIS.
- 13. WORK PERFORMED UNDER THIS PROJECT WILL NOT BE CONSIDERED AS COMPLETE UNTIL THE FINAL ACCEPTANCE OF THE OWNER, ENGINEER, RER, AND PUBLIC WORKS AS REQUIRED.
- 14. DENSITY TESTS SHALL BE PERFORMED EVERY 2,500 S.FT. FOR BASE AND SUB-BASE. SAID TEST SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR APPROVAL. 15. CORE DRILLED SAMPLES WILL BE PERFORMED TO INSURE THAT THE THICKNESS OF MATERIAL ARE MET AS CALLED FOR IN THIS PLANS. THE CONTRACTOR WILL BE
- RESPONSIBLE TO INSURE THAT THE DESIGN THICKNESS ARE MET. 16. ALL REINFORCED CONCRETE PIPE (R.C.P.) SHALL MEET FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AS SET FORTH IN SECTIONS 430. 440. &
- 17. ALL CORRUGATED ALUMINUM PIPE (C.A.P.) SHALL MEET FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AS SET FORTH IN SECTIONS 945. 18. ALL DRAINAGE STRUCTURES SHALL HAVE A MIN. SUMP OF 24" MEASURED FROM
- LOWEST PIPE INVERT. ALL DRAINAGE STRUCTURES SHALL BE PLACED OVER 12" OF 3/4" LIMEROCK. 19. ALL PIPE BEDDING SHALL BE OF GOOD GRANULAR QUALITY, FREE OF EXCESSIVE FINES. AN OPEN GRADED STONE, NOT LARGER THAN 3/4" IS RECOMMENDED. PIPE BEDDING
- SHALL BE A MINIMUM OF 12" THICK. 20. TRENCHES SHALL BE BACK FILLED WITH APPROVED MATERIAL FREE OF LARGE LOGS. STONES OR ROCKS AND CAREFULLY DEPOSITED AND COMPACTED IN LAYERS NOT TO
- EXCEED 6" UNTIL ENOUGH FILL HAS BEEN PLACED TO PROVIDE A COVER OF NOT LESS THAN ONE FOOT ABOVE THE PIPE. THE REMAINDER OF BACK FILL MATERIAL SHALL BE PLACED IN 12" LAYERS MOISTENED AND COMPACTED TO A MINIMUM OF 95% OF THE MODIFIED PROCTOR TEST AS PER AASHTO T-180 METHOD.
- 21. INLETS AND MANHOLE LOCATION DICTATE OVER CULVERTS LENGTHS; FOR EXACT LOCATION OF STRUCTURES. 22. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL DRAINAGE STRUCTURES, PIPES,
- GRATES AND RELATED MATERIAL TO THE ENGINEER OF RECORD FOR HIS APPROVAL PRIOR TO INSTALLATION. 23. AT THE COMPLETION OF THE WORK THE CONTRACTOR SHALL CERTIFY THAT THE
- DRAINAGE SYSTEM IS CLEAN OF DEBRIS OR ANY OTHER FOREIGN OBJECT. THE SITE SHALL BE CLEAR OF ALL SURPLUS MATERIAL OR TRASH. THE PAVED AREAS SHALL BE SWEPT BROOM CLEAN. 24. ALL PIPE CALLED HDPE OR CPP TO BE HIGH STRENGTH CORRUGATED POLYETHYLENE PIPE WITH SMOOTH INTERIOR. PIPE SHALL MEET AASHTO M294 TYPE S: SPECIFICATION
- FOR CORRUGATED POLYETHYLENE PIPE, 12 TO 36 IN DIAMETER, ASTM D1248, ASTM D3350 & ASTM F405. PIPE INSTALLATION FOR C.P.P. SHALL BE IN ACCORDANCE WITH ASTM 2321: STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF FLEXIBLE THERMOPLASTIC SEWER PIPE. PIPE SHALL BE ADS N—12, HANCOR HI—Q OR APPROVED EQUAL. ALL JOINTS SHALL BE WATER TIGHT.
- 25. ALL STORM DRAINAGE STRUCTURES SHALL BE EQUIPPED WITH FILTER CLOTH SUPPORTED BELOW THE GRATE/INLET WITH WIRE MESH OR A SIMILAR SYSTEM UPON INSTALLATION OF THE BASIN TOPS ON SITE. THE FILTER CLOTH FABRIC IS NOT TO BE REMOVED OR PERFORATED/DISTURBED FROM THE BASINS UNTIL LANDSCAPING, SOD INSTALLATION, PAVEMENT/CURBING INSTALLATION, STRIPING, AND SWEEPING IS COMPLETED ON THE ENTIRE SITE.
- 26. ALL STRUCTURES WITHIN PROJECT SHALL BE VACUUMED CLEAN OF ALL SILT, SAND, AND DEBRIS BEFORE FINAL ACCEPTANCE BY THE ENGINEER AND THE OWNER. 27. ALL STORM DRAINAGE PIPE (PERFORATED OR NON-PERFORATED) WILL BE INSTALLED
- AND MAINTAINED CLEAN AND CLEAR OF DEBRIS, ROCK, SAND AND SILT. 28. CONTRACTOR(S) SHALL BE CAUTIONED THAT INTRODUCTION OF SUCH MATERIALS AS CONSTRUCTION MATERIALS, CONCRETE AND STUCCO SLURRY OR WASH-OFF MATERIALS FROM THESE OPERATIONS, PAINT AND PAINTING ACTIVITY INGREDIENTS, OILS, HYDRAULIC FLUIDS, FUELS AND OR ANY OTHER SUCH DELETERIOUS MATERIALS, WHEN INTRODUCED INTO THE STORM DRAINAGE SYSTEM CAN AND WILL RENDER IT USELESS,

POLLUTE THE SITE AND SURROUNDING SITES OR HARM THE SYSTEM'S PERFORMANCE



**DETAIL FOR MATCHING EXISTING PAVEMENT** 

Schwebke 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 Remarks Date



THIS SHEET HAS BEEN ELECTRONICALLY SIGNED & SEALED ON 02.28.2017 BY HERNANDO J. NAVAS, P.E. USING A DIGITAL SIGNATURE

NOT CONSIDERED AS SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES. PRINTED COPIES SHALL HAVE AN ORIGINAL SIGNATURE AND DATE

Ø ⊢ GOVEF DRAINA

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Drawn By: M.T. Date: 12/12/16 Checked By: HJN Date: 02/28/1

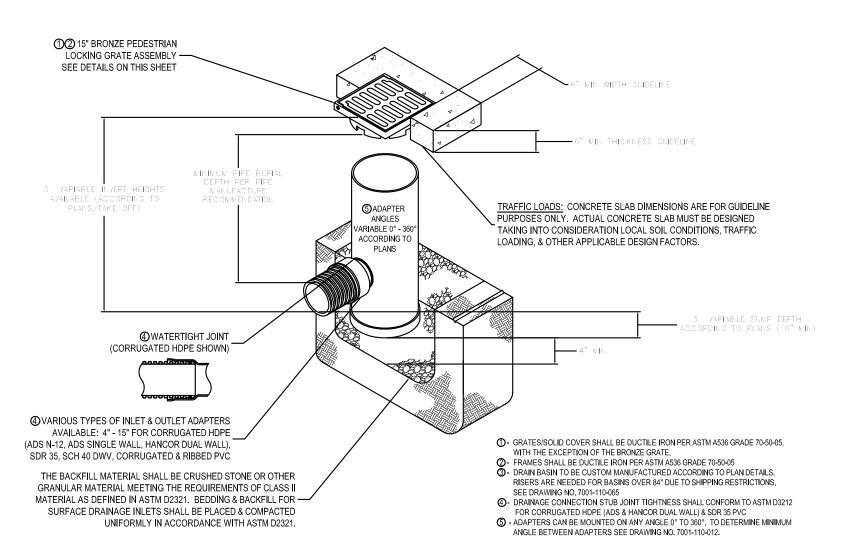
Order No. 206440 FB. 00000 Pg.00 Drawing Status: PERMIT

<u>Hernando J. Navas</u> P.E., Principal Registered Engineer No. 50635

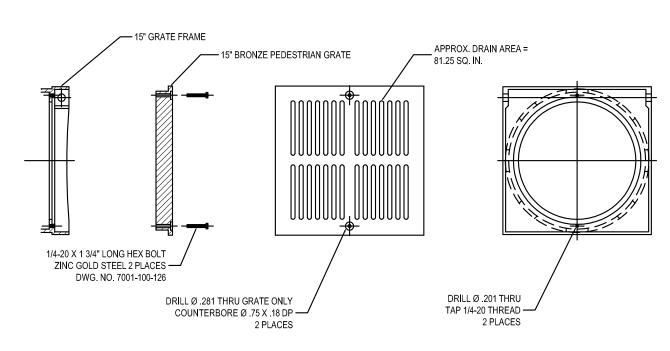
State of Florida As Noted

File No. **ML-1159** 

Dwg. No:



## NYLOPLAST 15" DRAIN BASIN

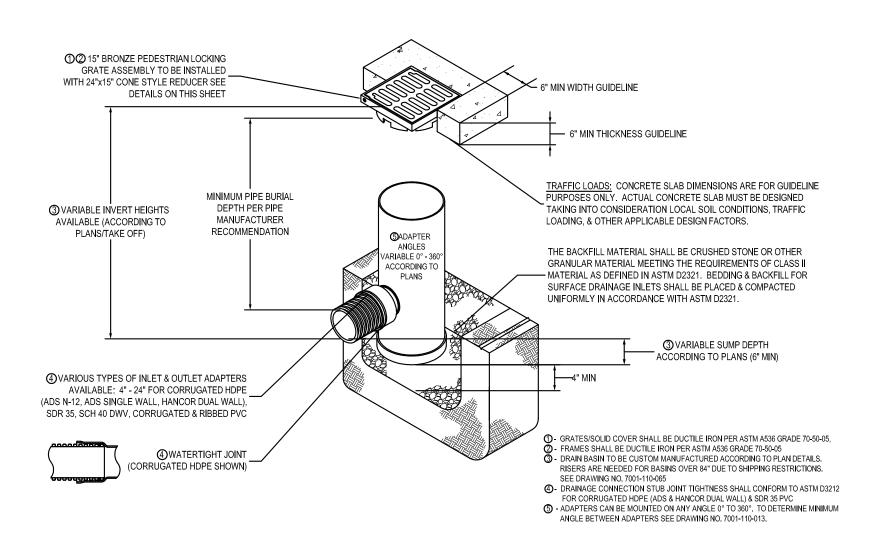


# 15" BRONZE PEDESTRIAN LOCKING GRATE ASSEMBLY (LOCATION OF LOCKING DEVICE MAY VARY)

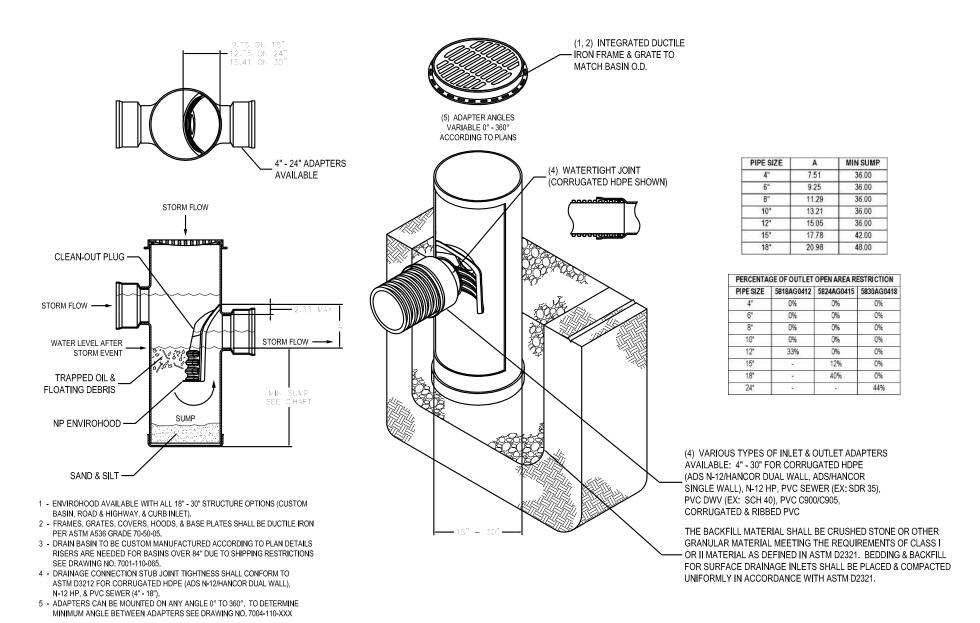
ADAPTER SIZE	18" BASIN	24" BASIN	30" BASIN	
4" - 4"	40°	30°	24°	
4" - 6"	46°	35°	27°	
4" - 8"	53°	40°	31°	
4" - 10"	61°	46 <sup>q</sup>	35°	
4" - 12"	68°	50"	40°	
4" - 15"	81°	58°	44°	
4" + 18"	110°	69"	510	
4" - 24"	4	107°	69°	MINIMUM ANGLE
4" - 30"	4	-	105°	MINIMUM ANGLE
6" - 6"	52°	39°	31°	
6" - 8"	59°	440	34°	
6" - 10"	67°	50°	39°	Y
6" - 12"	74°	55°	45°	
6" - 15"	87°	629	48°	`\ ///\
6" - 18"	116°	73°	55°	X// \
6" - 24"	-	111ª	73°	
6" - 30"			109°	
8" - 8"	66°	490	38°	
8"-10"	74°	55°	45°	
8" - 12"	81°	60°	48°	
8" - 15"	94°	68°	55°	
8" - 18"	123°	78°	60°	
8" - 24"		116"	77°	
8" - 30"			113°	
10" - 10"	83°	61°	48°	
10" - 12"	89°	66°	50°	
10" - 15"	102°	73°	58°	
10" - 18"	1310	840	65°	
10" - 24"	3	122°	81°	1. ENVIROHOOD FOR 18" BASIN COVERS 4" - 12
10" - 30"			117°	ENVIROHOOD FOR 24" BASIN COVERS 4" - 18
12" - 12"	960	70°	56°	ENVIROHOOD FOR 30" BASIN COVERS 4" - 24
12"-15"	109°	78°	60°	2. THE MINIMUM ANGLE CHART ONLY APPLIES
12" - 18"	138°	88°	68°	BASINS WITH 2 ADAPTERS. CALL FOR MINIM
12"- 24"	7.00	126°	840	ANGLE BETWEEN ADAPTERS FOR BASINS WI A HOOD & MORE THAN 2 ADAPTERS.
12" - 30"			120°	A HOOD & WORE THAN 2 ADAPTERS.
15" - 15"	-	86°	69°	
15" - 18"		96°	75°	
15" - 24"		133°	90°	
15" - 30"		-	132°	
18" - 18"	-	107°	79°	
18" - 24"		143"	97°	
18" - 30"		-	133°	
24" - 24"			115°	
24" - 30"			151°	

8"-30" MINIMUM ANGLE BETWEEN ADAPTERS WITH ENVIROHOOD (THIS CHART DOES NOT APPLY WHEN USING ADD-A-BRANCH OR INSERTA-TEE)

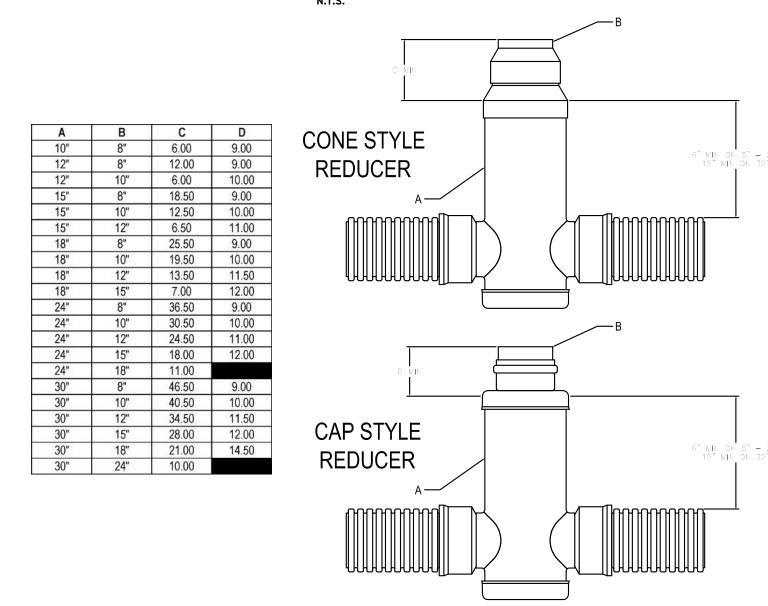
N.T.S.



### NYLOPLAST 24" DRAIN BASIN



## NYLOPLAST DRAIN BASIN W/ENVIROHOOD N.T.S.



DRAIN BASIN REDUCER OPTIONS

N.T.S.

ON-SITE STRUCTURE SCHEDULE									
STRUCTURE	RIM	INVERT ELEVATION				FLOOR	GRATE	STRUCTURE	
NUMBER	ELEVATION	Z	S	E	W	ELEVATION	TYPE	TYPE	REMARKS
1	6.10	N/A	2.55	2.55*	2.55*	(-)0.95	USF# 5129-6176	60 <b>"</b> ø	
2	6.10	N/A	N/A	N/A	2.55	0.55	USF# 5129-6176	42 <b>"</b> ø	
3	6.10	2.55	2.55	2.55	1.75	(-)0.25	USF# 5129-6176	48 <b>"</b> ø	
3A	0.00	N/A	N/A	1.75	1.25	(-)0.75	USF# 420C	42 <b>"</b> ø	
4	6.50	N/A	2.55	1.25	2.55*	(-)0.95	USF# 5129-6176	48"ø	
5	6.10	N/A	2.55	N/A	2.55	0.55	USF# 4700-6223	48 <b>"</b> ø	
6	0.00	2.55	N/A	2.55*	N/A	(-)0.95	USF# 420C	48"ø	
7	6.10	N/A	2.55*	2.55	2.55*	(-)0.95	USF# 4700-6223	60 <b>"</b> ø	ALUM BAFFLE 1/2 36"ø
8	7.20	2.55*	1.00	N/A	N/A	(-)1.00	USF# 420C	60 <b>"</b> ø	CNTRL. STR. 1/2 48"ø WEIR @ 4.1!
9	7.60	N/A	1.30	2.55*	2.55*	(-)0.95	USF# 420C	60 <b>"</b> ø	
10	6.10	N/A	2.55*	2.55*	2.55*	(-)0.95	USF# 420C	60 <b>"</b> ø	
11	6.80	2.55*	2.00	N/A	2.55	(-)0.95	USF# 420C	60 <b>"</b> ø	ALUM BAFFLE 1/2 36"ø
12	6.50	N/A	2.80	2.80	N/A	0.80	USF# 4700-6223	42 <b>"</b> ø	
13	6.80	0.25	N/A	2.55*	2.55*	(-)1.75	USF# 420C	42 <b>"</b> ø	
13A	0.00	2.55*	0.25	N/A	N/A	(-)1.75	USF# 420C	42 <b>"</b> ø	
13B	0.00	N/A	N/A	2.55*	0.75	(-)1.25	USF# 420C	42 <b>"</b> ø	
14	6.10	N/A	2.55*	N/A	2.55*	(-)0.95	USF# 4700-6223	48 <b>"</b> ø	
15	7.40	N/A	3.20	0.75	0.75	(-)1.25	USF# 420C	48"ø	
16	0.00	N/A	0.75	2.55*	2.55*	(-)1.25	USF# 420C	60 <b>"</b> ø	
17	6.10	N/A	2.55	2.55	2.55*	(-)0.95	USF# 4700-6223	60 <b>"</b> ø	
18	6.10	N/A	N/A	2.55*	2.55*	(-)0.95	USF# 4700-6223	60 <b>"</b> ø	
19	6.10	N/A	2.55*	2.55*	2.55*	(-)0.95	USF# 4700-6223	60 <b>"</b> ø	
20	6.60	N/A	2.55	2.55*	2.55*	(-)0.95	USF# 4700-6223		ALUM BAFFLE 1/2 36"ø
21	7.50	2.55*	2.55*	N/A	3.10	(-)0.95	USF# 5129-6176	60 <b>"</b> ø	
22	6.45	2.55*	2.55	N/A	0.50	(-)1.50	USF# 5129-6176	60 <b>"</b> ø	
23	6.60	2.55	2.20	N/A	N/A	0.20	USF# 5129-6176	42 <b>"</b> ø	
24	6.10	2.55*	N/A	1.75	N/A	(-)0.95	USF# 4700-6223	48 <b>"</b> ø	
25	7.40	2.55	N/A	2.55*	1.75	(-)0.95	USF# 420C	60 <b>"</b> ø	ALUM BAFFLE 1/2 36"ø
26	8.10	2.55	N/A	1.00	2.55*	(-)1.00	USF# 420C	60 <b>"</b> ø	CNTRL. STR. 1/2 48"Ø WEIR @ 4.1
27	6.50	N/A	2.55	N/A	N/A	0.55	USF5129-6176	42 <b>"</b> ø	
28	6.90	N/A	2.55	2.55*	N/A	(-)0.95	USF# 420C	48"ø	
29	6.60	2.55	N/A	N/A	2.55*	(-)0.95	USF# 4700-6223	48 <b>"</b> ø	
30	7.20	N/A	N/A	2.00	1.00	(-)1.00	USF# 420C	60 <b>"</b> ø	CNTRL. STR. 1/2 48"ø WEIR @ 4.11
31	7.10	2.00	1.00	N/A	N/A	(-)1.00	USF# 420C	60 <b>"</b> ø	CNTRL. STR. 1/2 48"ø WEIR @ 4.15
32	6.40	N/A	N/A	2.55	2.55	0.55	USF# 4700-6223	42 <b>"</b> ø	·

ON-SITE STRUCTURE SCHEDULE									
STRUCTURE	RUCTURE RIM		RT E	LEVAT	ΓΙΟΝ	FLOOR	GRATE	STRUCTURE	
NUMBER	ELEVATION	Z	S	E	W	ELEVATION	TYPE	TYPE	REMARKS
100	6.40	3.00	3.50	N/A	N/A	1.50	PEDESTRIAN TYPE	12" ADS	
101	6.40	3.50	3.50	N/A	N/A	2.00	PEDESTRIAN TYPE	12" ADS	
102	6.40	3.70	3.70	N/A	N/A	2.20	PEDESTRIAN TYPE	12" ADS	
103	6.40	3.70	N/A	N/A	N/A	2.20	PEDESTRIAN TYPE	12" ADS	
104	6.40	N/A	N/A	3.70	N/A	2.20	PEDESTRIAN TYPE	12" ADS	
105	6.40	N/A	N/A	3.70	3.70	2.20	PEDESTRIAN TYPE	12" ADS	
106	6.40	3.70	N/A	N/A	3.70	2.20	PEDESTRIAN TYPE	12" ADS	
107	6.40	3.50	3.70	N/A	N/A	2.00	PEDESTRIAN TYPE	12" ADS	
108	6.40	3.50	3.50	N/A	N/A	2.00	PEDESTRIAN TYPE	12" ADS	
109	6.40	3.50	3.50	N/A	N/A	2.00	PEDESTRIAN TYPE	12" ADS	
109A	6.40	N/A	3.50	3.50	3.00	1.50	PEDESTRIAN TYPE	12" ADS	
119B	8.00	N/A	N/A	3.50	2.80	0.80	PEDESTRIAN TYPE	12" ADS	
110	6.40	N/A	N/A	3.50	3.50	1.50	PEDESTRIAN TYPE	12" ADS	
111	6.40	N/A	N/A	3.50	3.50	1.50	PEDESTRIAN TYPE	12" ADS	
112	6.40	2.80	N/A	3.50	3.50	1.50	PEDESTRIAN TYPE	12" ADS	
113	6.40	N/A	N/A	3.50	3.50	1.50	PEDESTRIAN TYPE	12" ADS	
114	6.40	N/A	N/A	N/A	3.50	1.50	PEDESTRIAN TYPE	12" ADS	

TOWN OF MIAMI LAKES NOTES:

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN LOCATIONS FOR ALL UNDERGROUND UTILITIES WITHIN THE LIMITS OF THE CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE WITH THE TOWN OF MIAMI LAKES ON THE LOCATION OF EXISTING UNDERGROUND FACILITIES, IF APPLICABLE
- 2. UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL PROVIDE THE TOWN WITH THREE (3) SIGNED & SEALED "AS—BUILTS" SURVEYS OF THE IMPROVEMENTS. THE CONTRACTOR SHALL ALSO PROVIDE ONE ELECTRONIC COPY OF THE "AS—BUILT" SURVEY IN AUTOCAD FORMAT.

Schwebke Shiskin & \_\_\_\_ Associates, Inc.

LAND SURVEYORS
CIVIL ENGINEERS
LAND PLANNERS
LB#87 CA#8

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

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Date	Remarks	Ву				



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

Checked By: HJN Date: 02/28/17

Order No. 206440 FB. Sketches & 00000 Pg.00

Drawing Status: PERMIT

Hernando J. Navas
P.E., Principal
Registered Engineer No. 50635

State of Florida

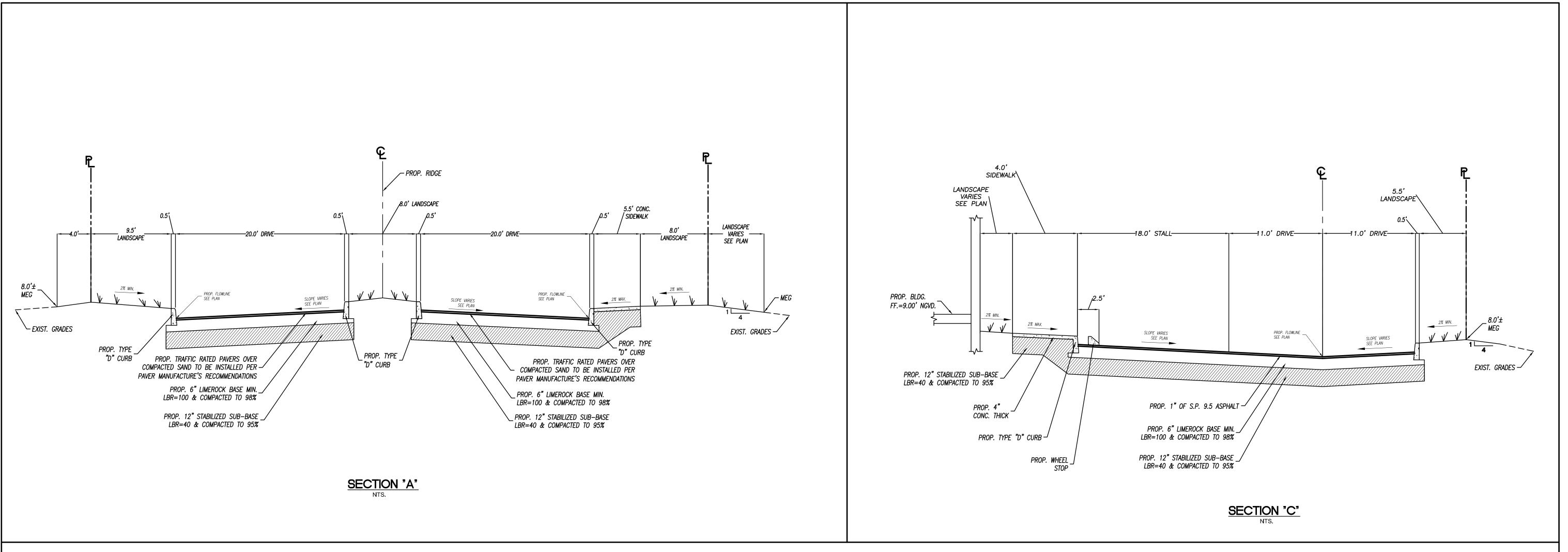
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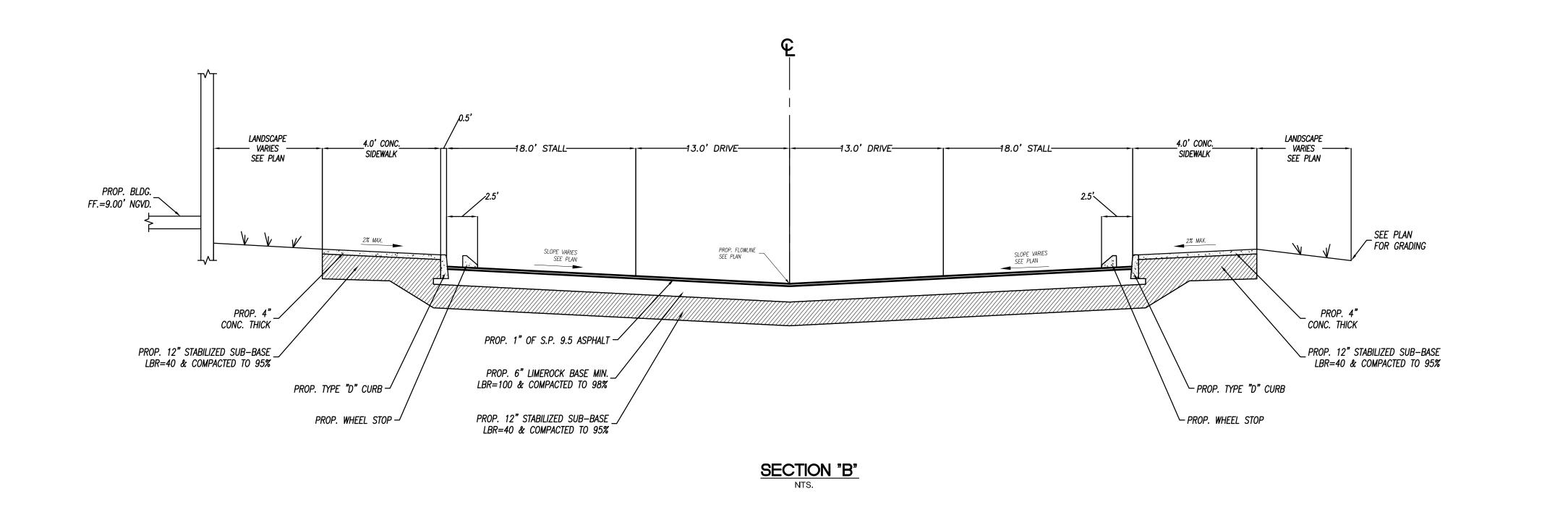
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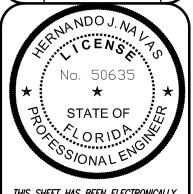
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TOWN OF MIAM! LAKES, Florid

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

Checked By: HJN Date: 02/28/17

Order No. 206440 FB. Sketches & 00000 Pg.00

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Hernando J. Navas
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Registered Engineer No. 50635
State of Florida

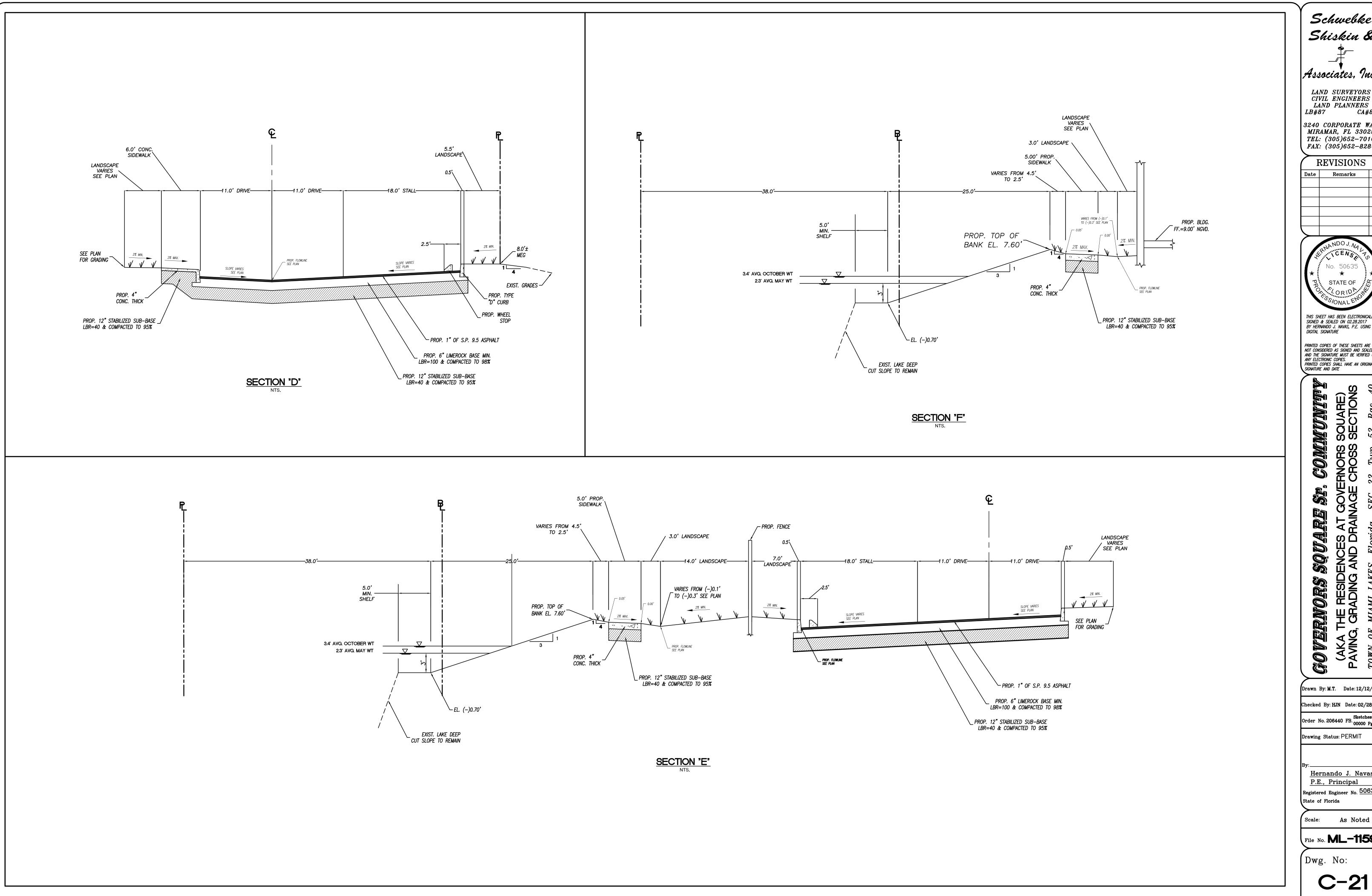
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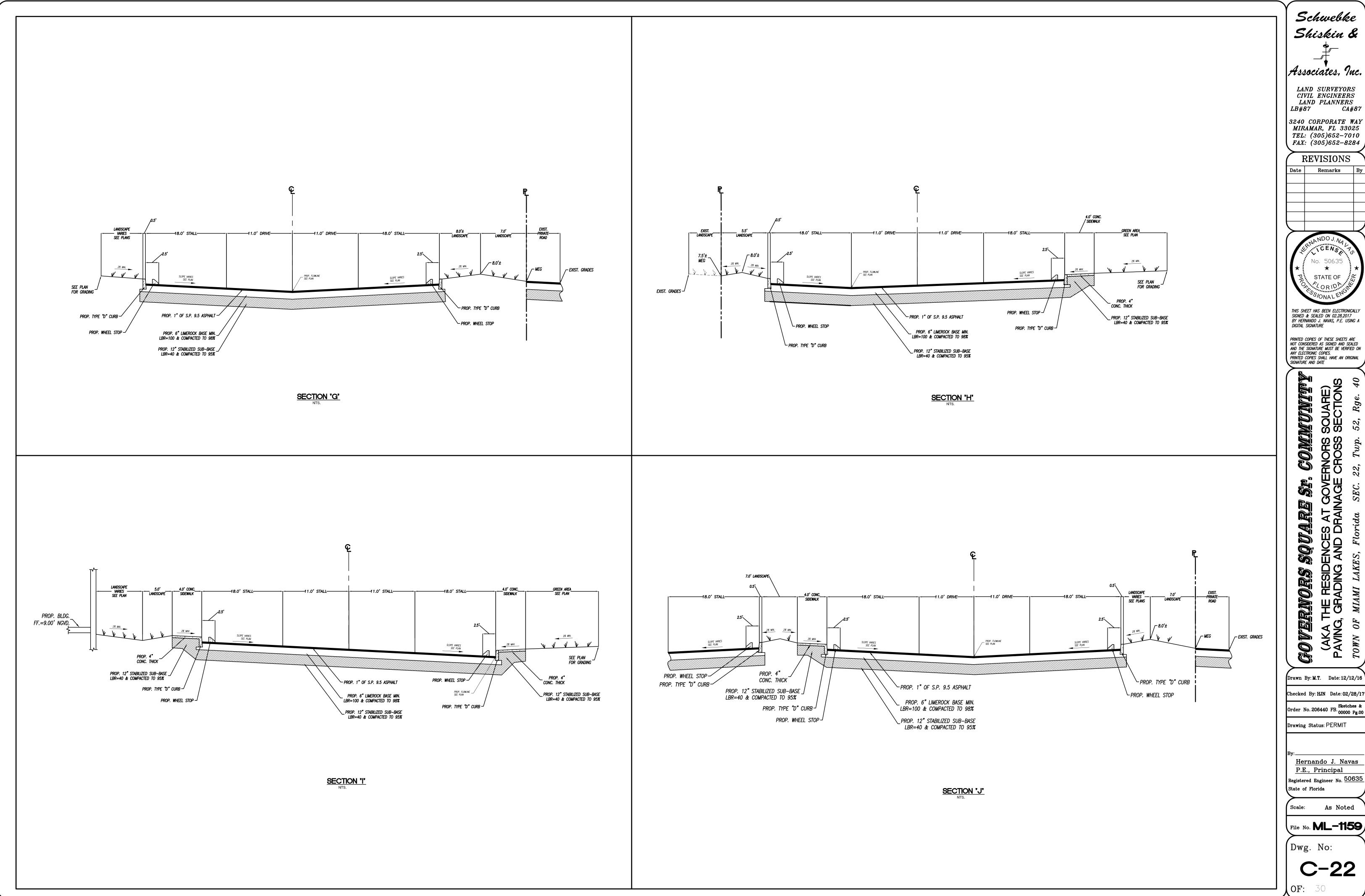
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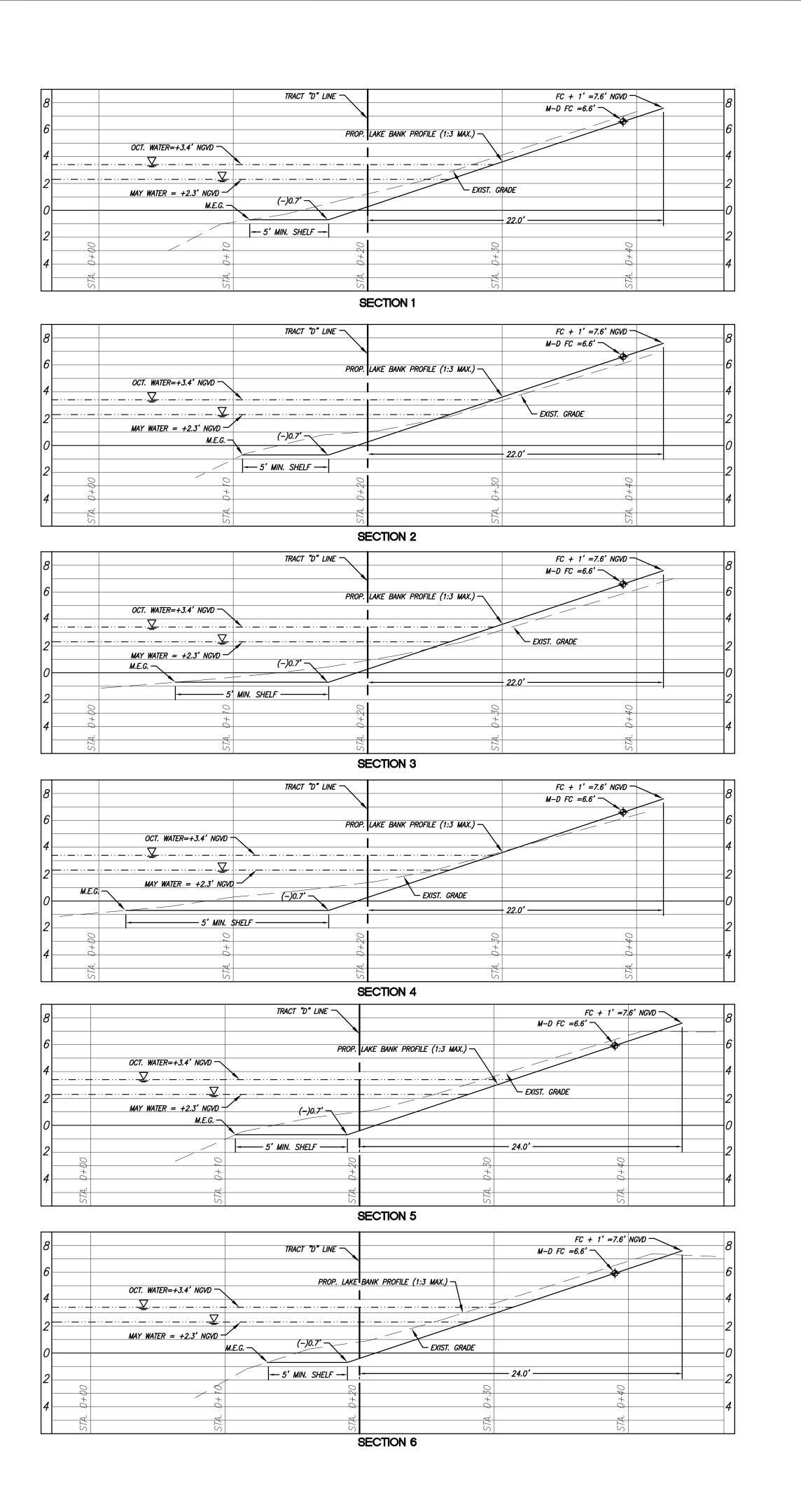
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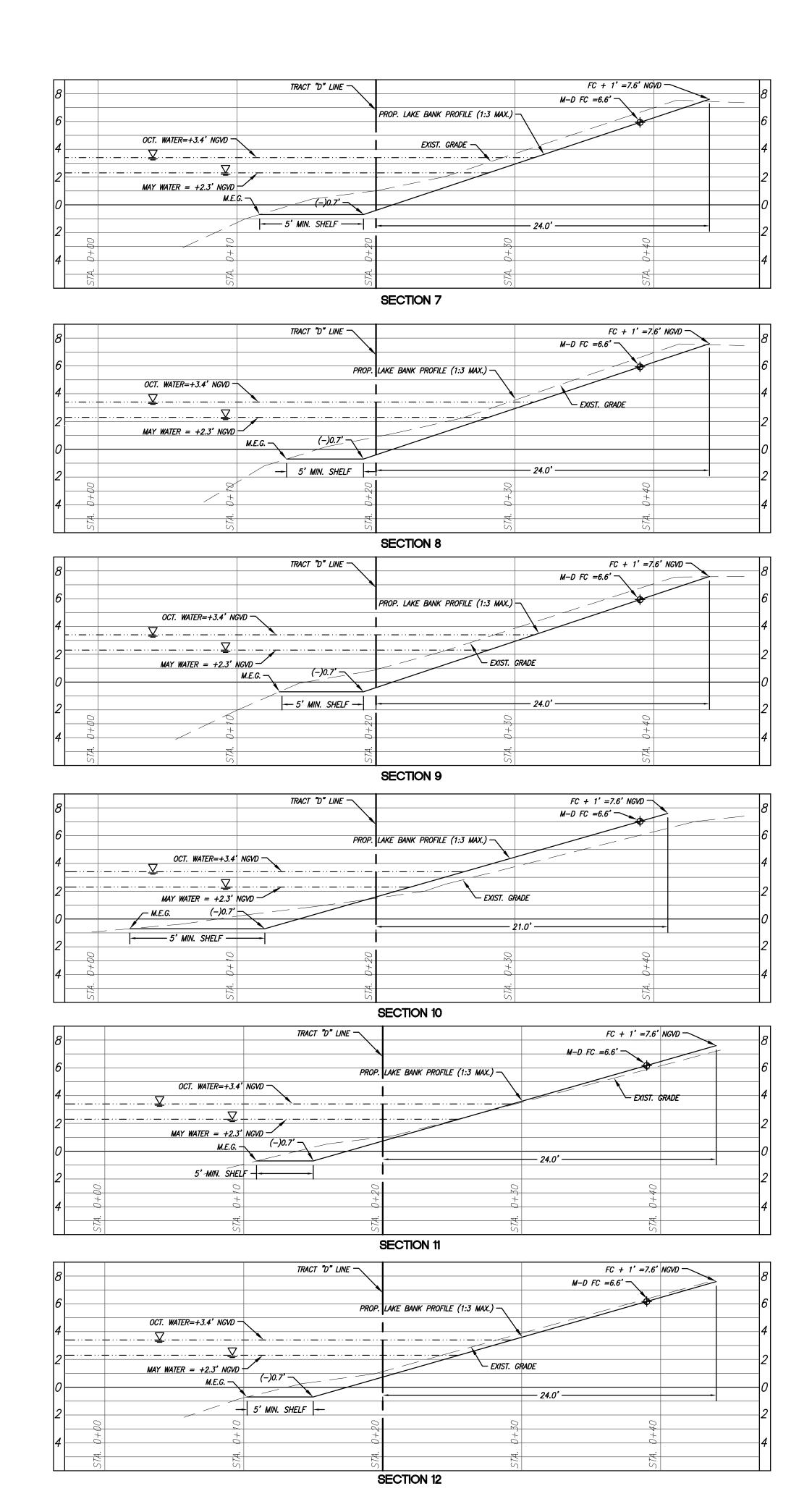
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Drawn By: NC Date: 12/12/16

Checked By: HJN Date: 02/28/17

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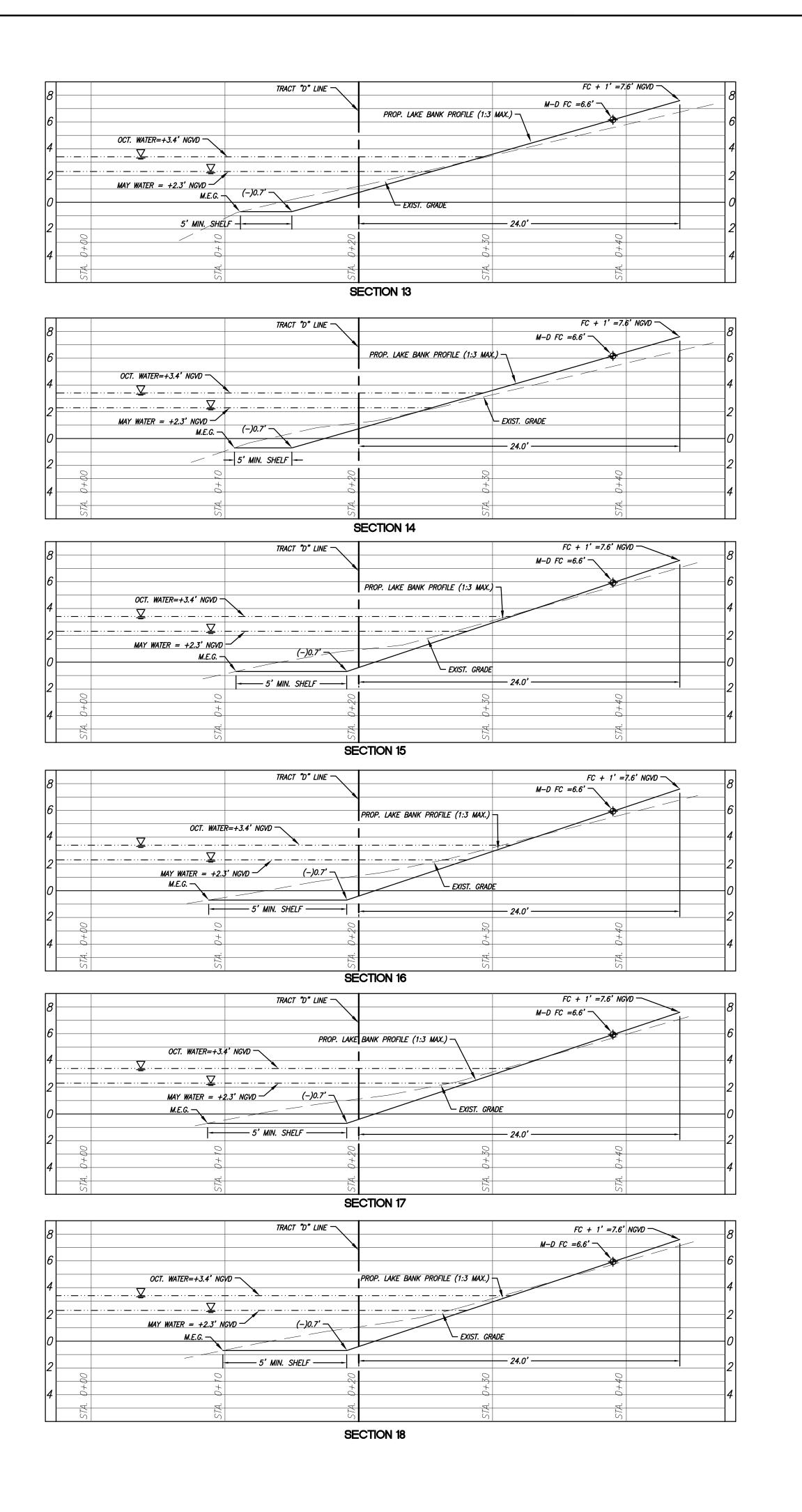
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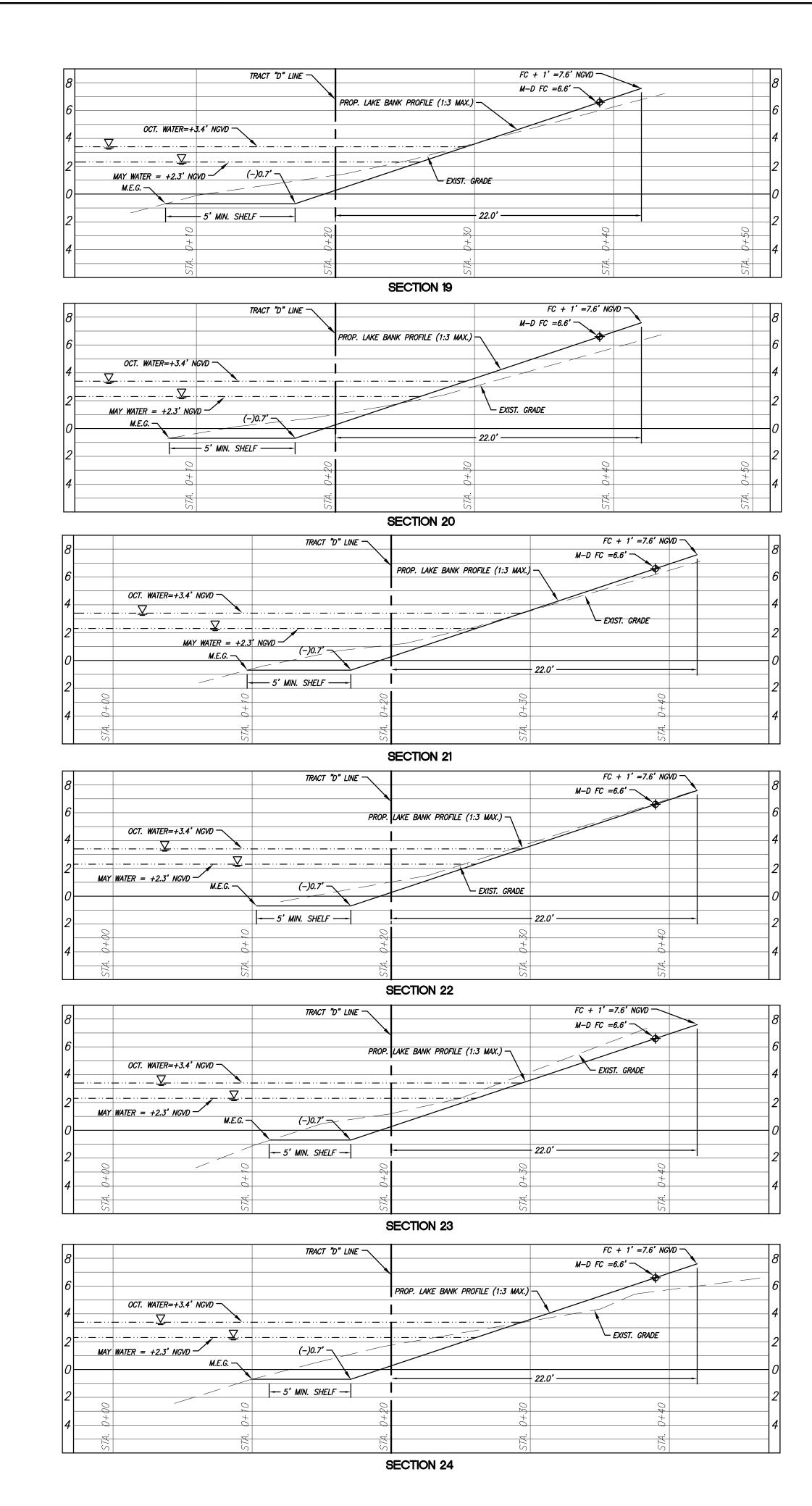
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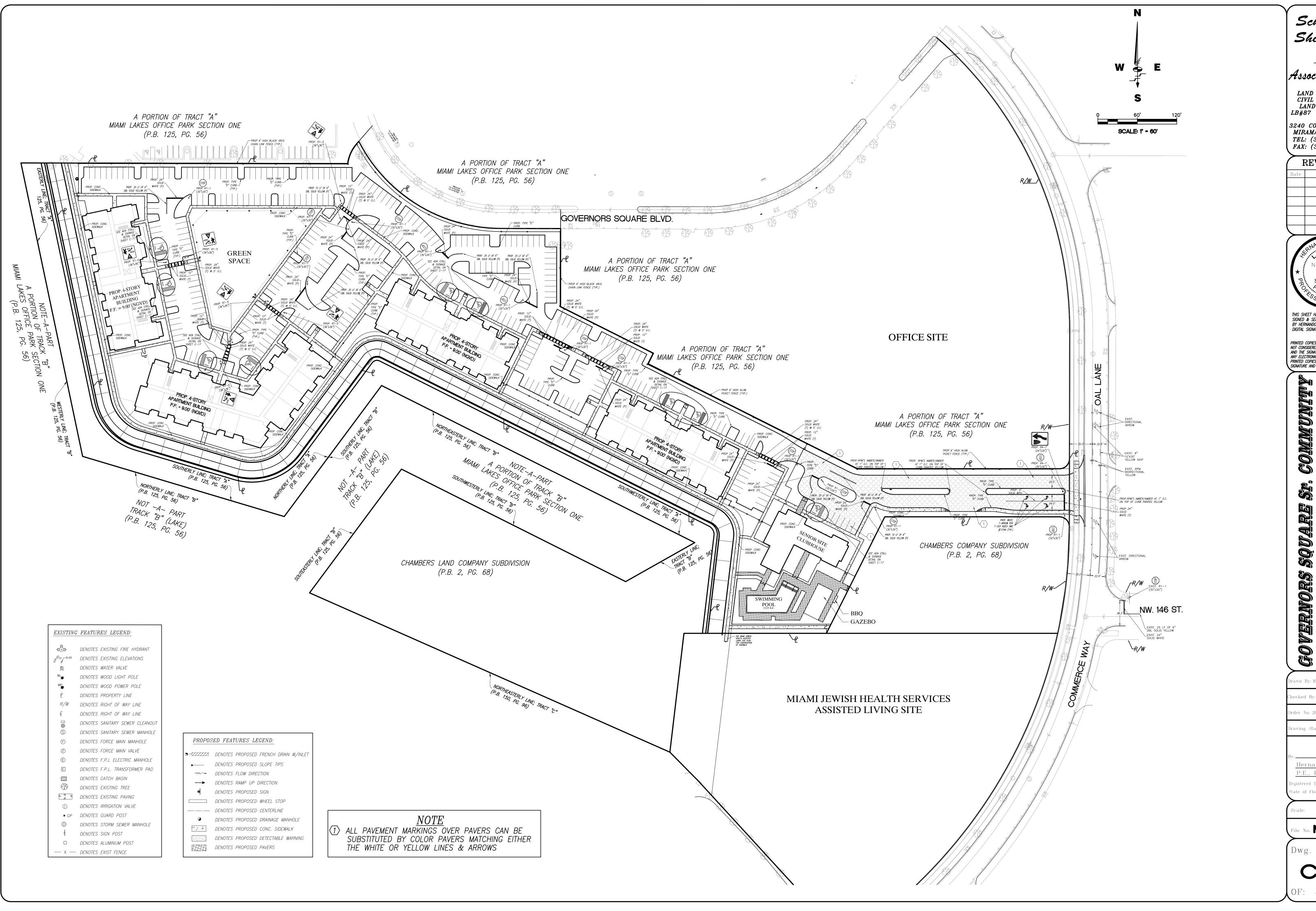
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<u>Hernando J. Navas</u> P.E., Principal Registered Engineer No. 50635 State of Florida

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Registered Engineer No. 50635State of Florida

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