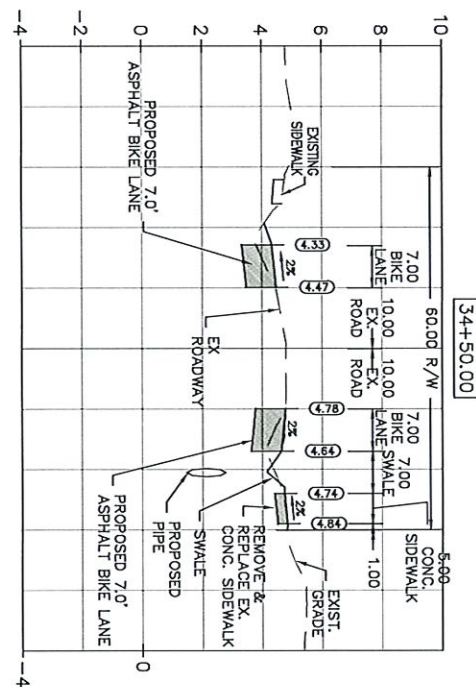
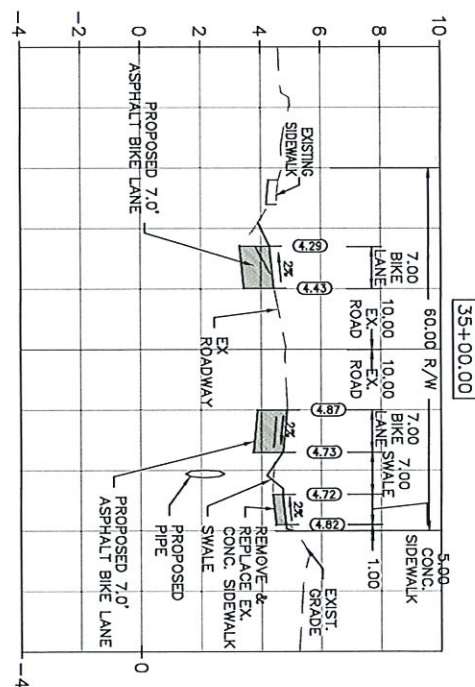
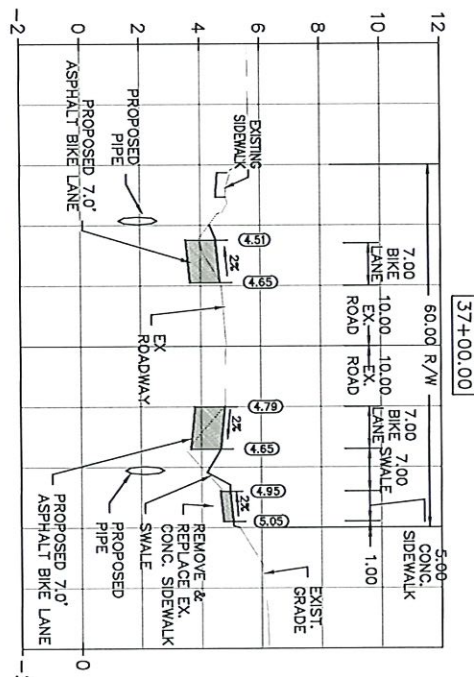
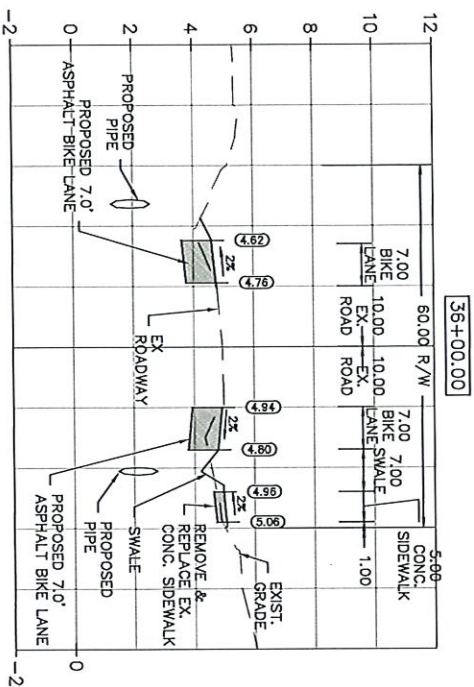


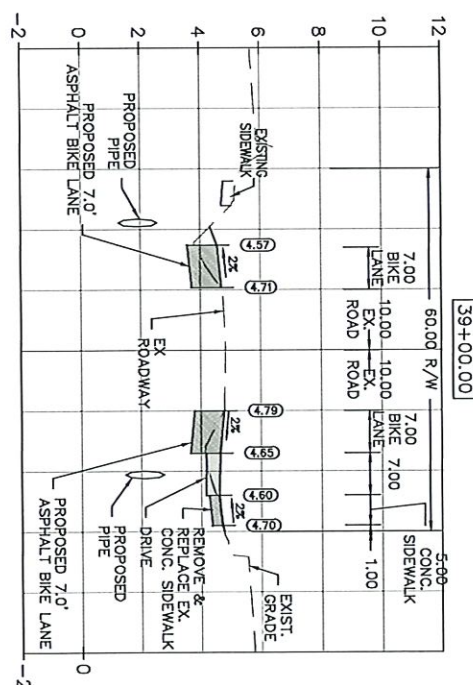
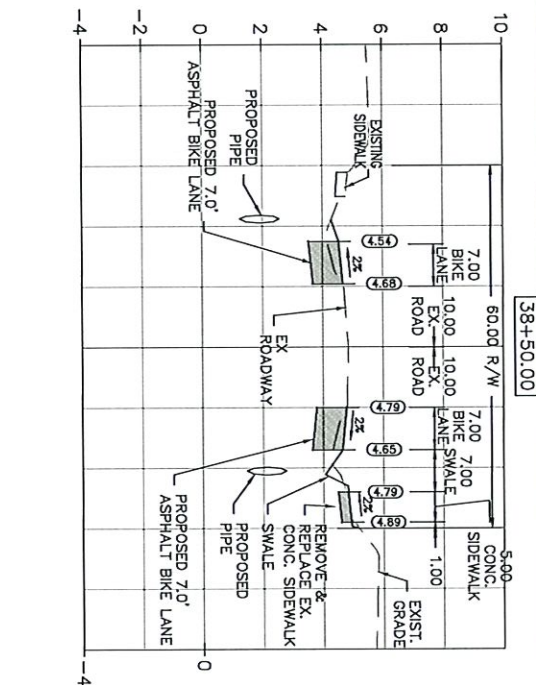




•	BASE
NEW PROJECT NO.	SHEET NO.
2022101	98

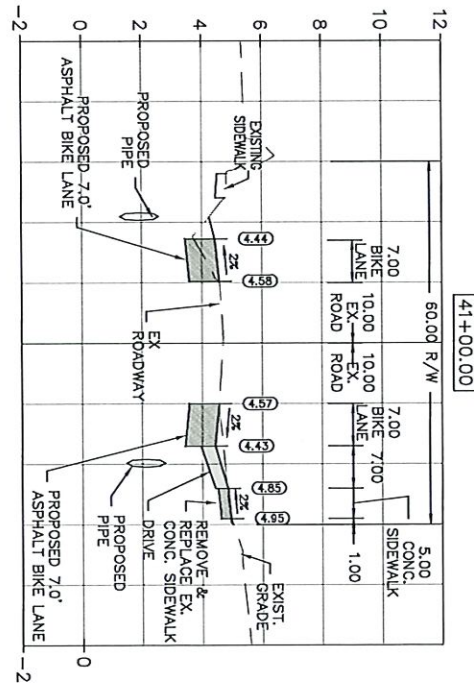
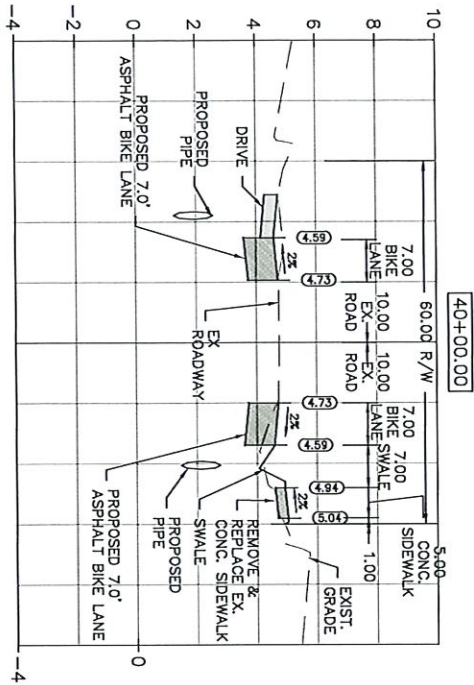
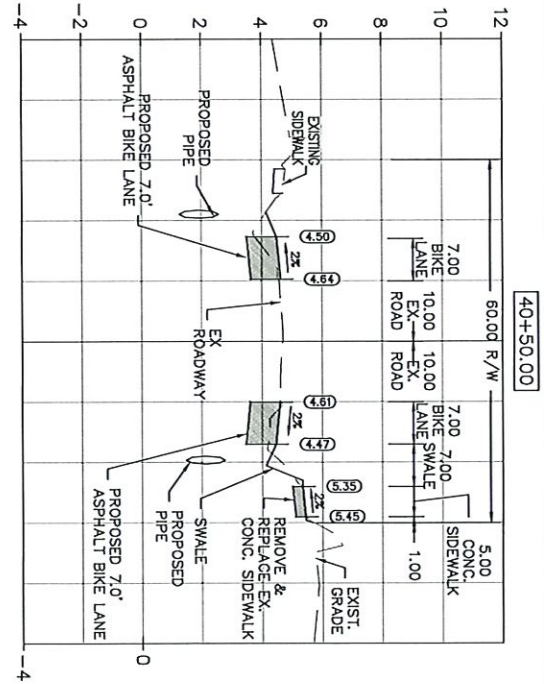
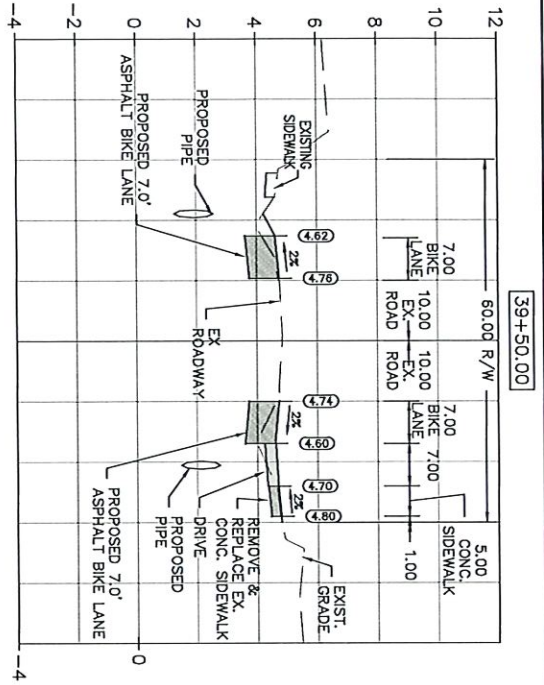
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FOOT NO.	448127-1-58-01
CAD FILE NAME	DRAWING NO.
.	BASE
HW PROJECT NO.	SHEET NO.
2022101	99

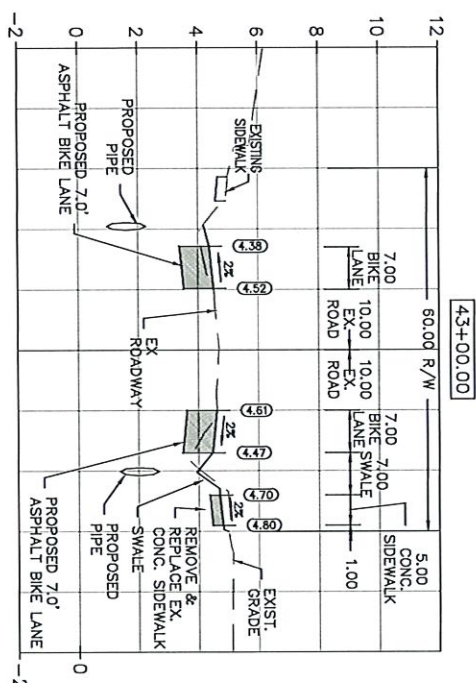
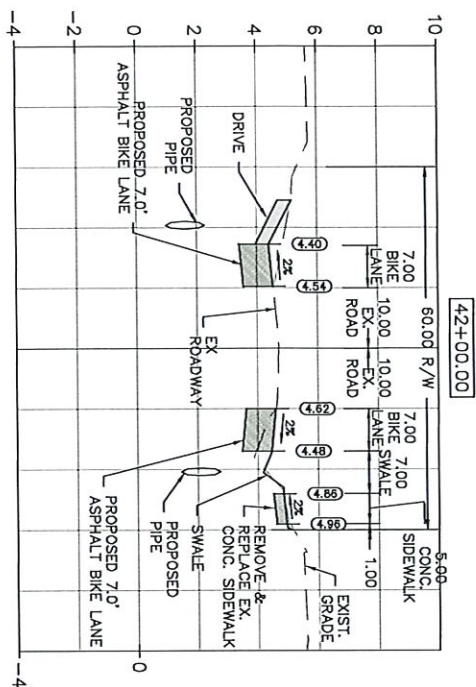
*THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISION	DATE	Collier Blvd. Bike Lane City of Marco Island HOLE MONTES Engineering Division DAVID SCHULTZ P.E. P.E. NO. 44671 HOLE MONTES, INC. 950 ENCORE WAY MAPLES, FL 34110 CERTIFICATE OF AUTHORIZATION NO. 1772	SEAGRAPE DRIVE SECTIONS

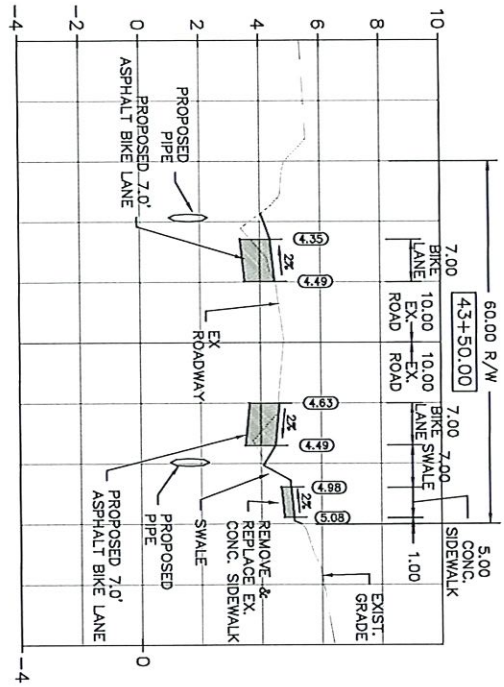
DRAWING CURRENT AS OF: 4/11/25

PROJECT NO.	446127-1-SB-01
CAD FILE NAME	BASE
DATE PROJECTED	2022101
SHEET NO.	100

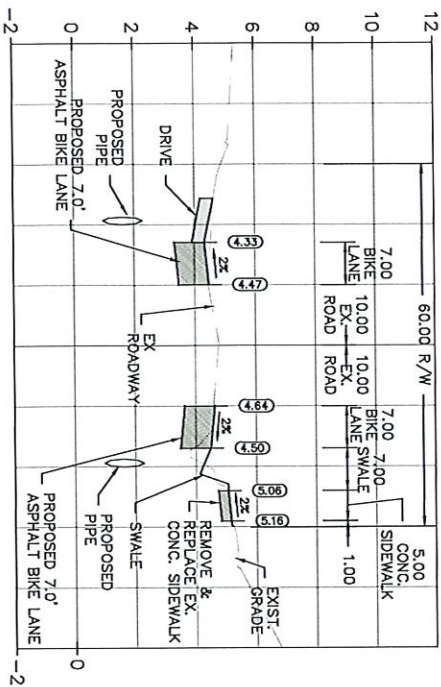


•	BASE
PM PROJECT NO.	SHEET NO.
2022101	10

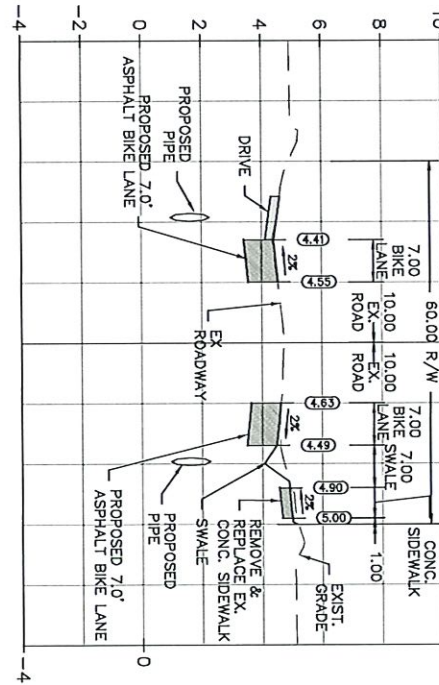
*THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



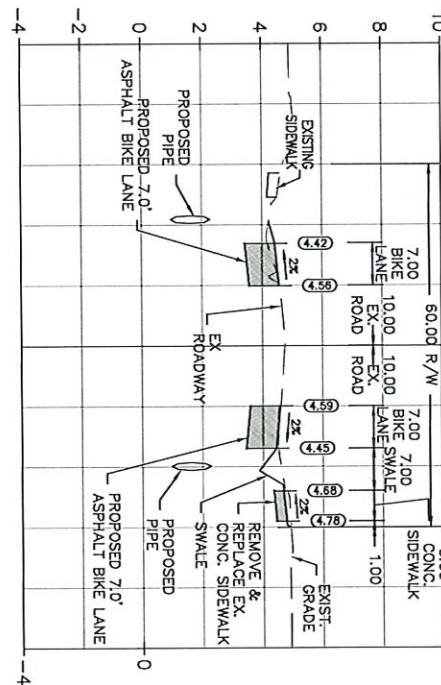
44+00.00



45+00.00



44+50.00



45+50.00

LETTER	REVISION	DATE

Collier Blvd.
Bike Lane



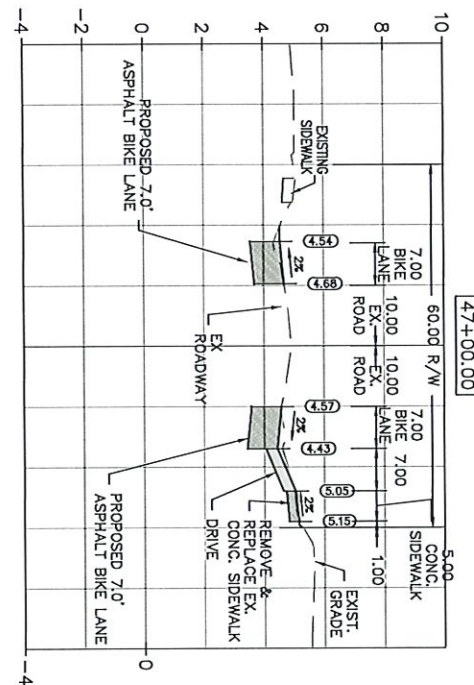
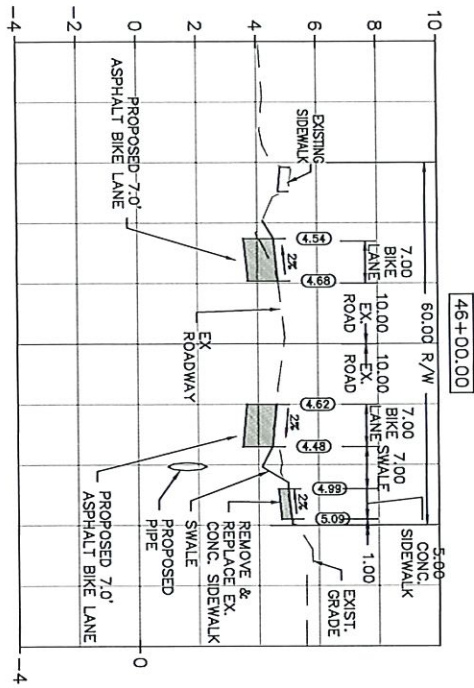
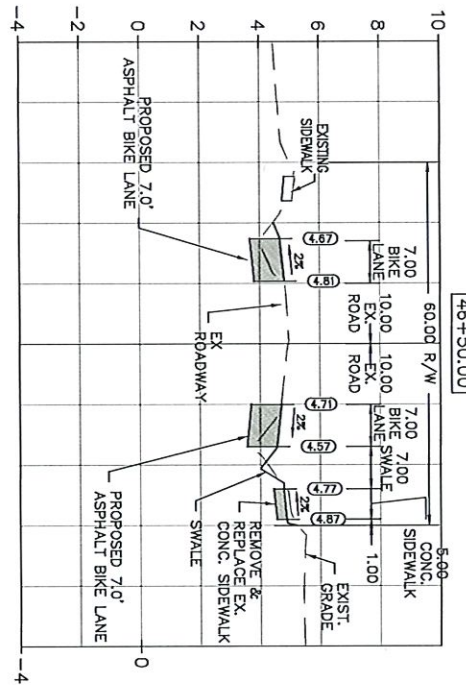
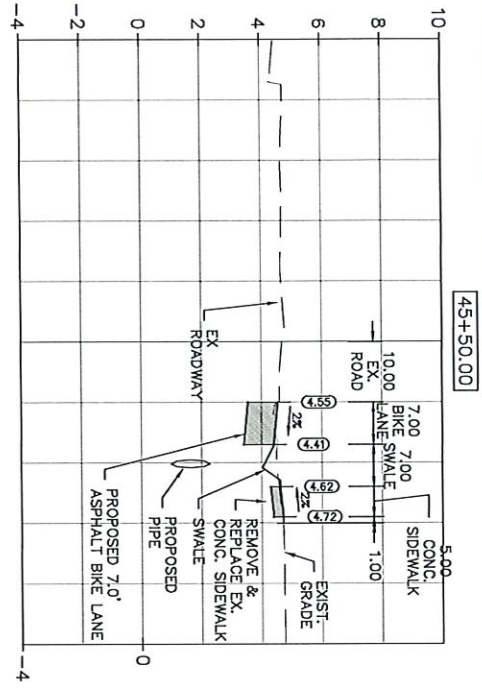
City of
Marco Island



DAVID SCANTT, P.E.
HOLE MONTES, INC.
950 ENCOUR WAY
MARLBOROUGH, MA 01901
CERTIFICATE OF AUTHORIZATION NO. 1772

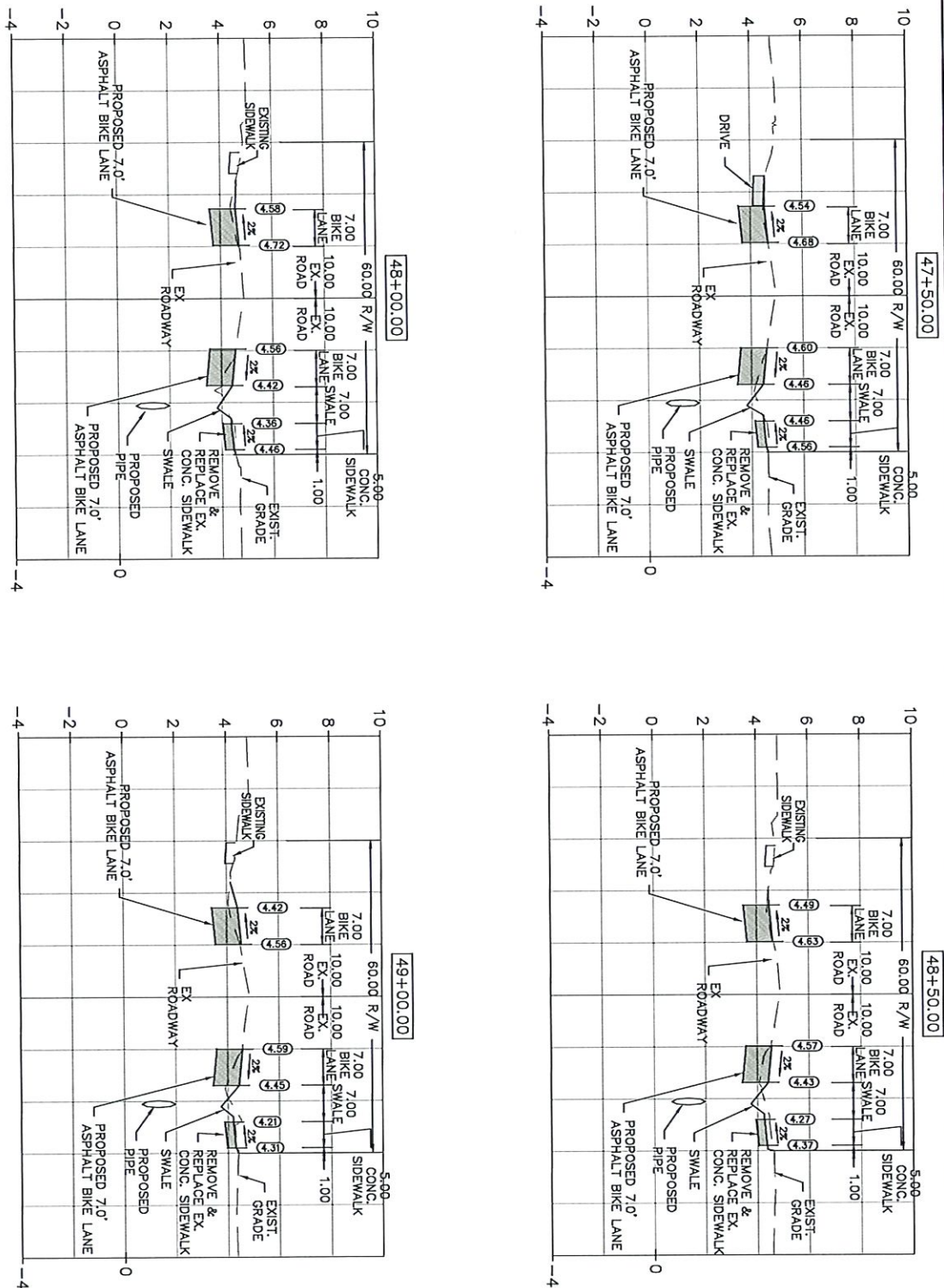
SEAGRAPE DRIVE
SECTIONS

PROJECT NO.	DATE	PROJECT NO.	DATE
2022101	2022101	102	102



LETTER	REVISION	DATE	Collins Blvd. Bike Lane	City of Marco Island	HM HOLE MONTES P E. NO. 44871 950 ENCORE WAY MAPLES, FL 34110 CERTIFICATE OF AUTHORIZATION NO. 1772	DAVID SCANTT, P.E. P E. NO. 44871 HOLE MONTES, INC. 950 ENCORE WAY MAPLES, FL 34110 CERTIFICATE OF AUTHORIZATION NO. 1772	SEAGRAPE DRIVE SECTIONS	PORT NO. 448127-1-58-01 C/O THE LAND THE PROJECT NO. 2022101	DRAWING NO. BASE	SHEET NO. 103
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DRAWING CURRENT AS OF: 4/11/25



LETTER	
REVISION	
DATE	

Collins Blvd.
Bike Lane



City of
Marco Island

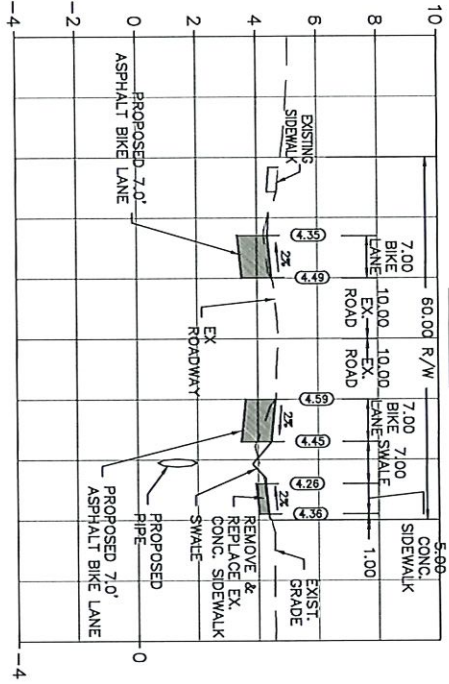
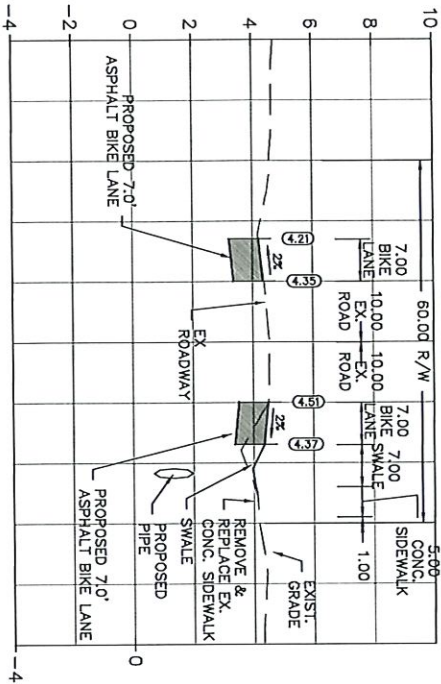


DAVID SCHULTZ, P.E.
P.E. NO.: 41671
HOLE MONTES, INC.
550 ENCORE WAY
MAPLES, FL 34110
CERTIFICATE OF AUTHORIZATION NO. 1772

SEAGRAPE DRIVE
SECTIONS

PROJECT NO.	448127-1-58-01
DRAWING NO.	BASE
SHEET NO.	105

DRAWING CURRENT AS OF: 4/11/25



LETTER	DESCRIPTION	DATE

Collins Blvd.
Bike Lane



City of
Marco Island

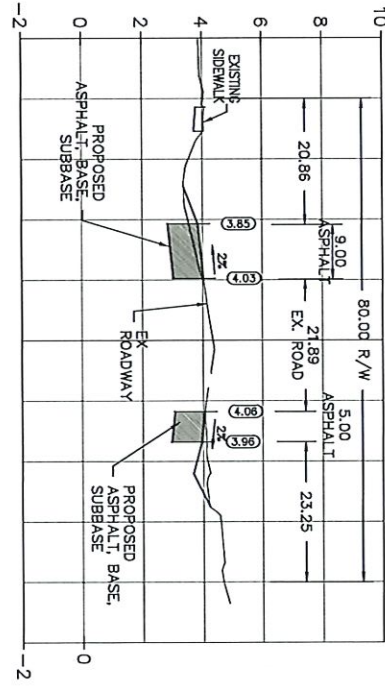
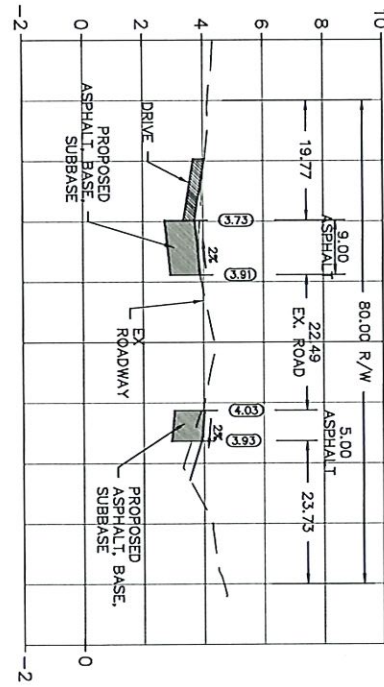
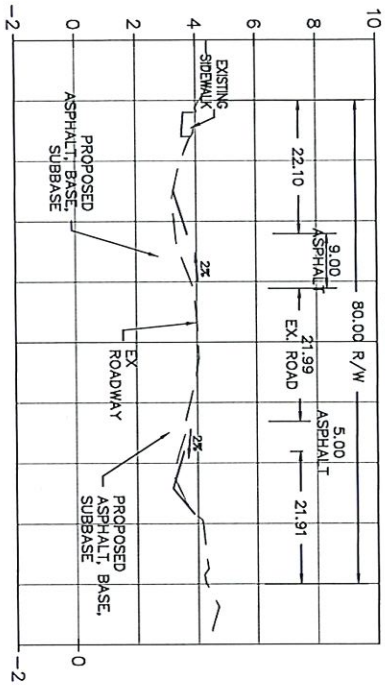
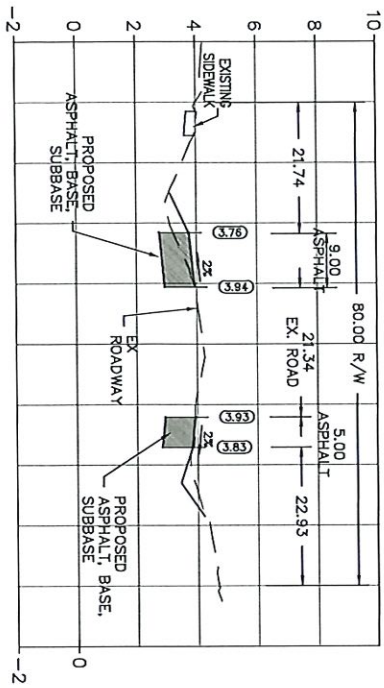


DAVID SCHULTZ, P.E.
P.E. NO.: 44671
HOLE MONTES, INC.
950 ENCORE WAY
MAPLES, FL 34110
CERTIFICATE OF AUTHORIZATION NO. 1772

SWALLOW AVE.
SECTIONS

PROJECT NO.	448127-1-58-01
CIP FILE NAME	
DATE PROJECTED	2022101
SHEET NO.	106
BASE	

DRAWING CURRENT AS OF: 4/11/25



LETTER	REVISION	DATE

Collins Blvd.
Bike Lane



City of
Marco Island



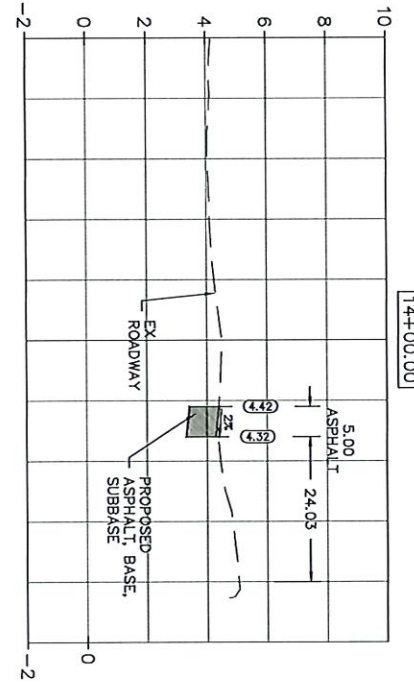
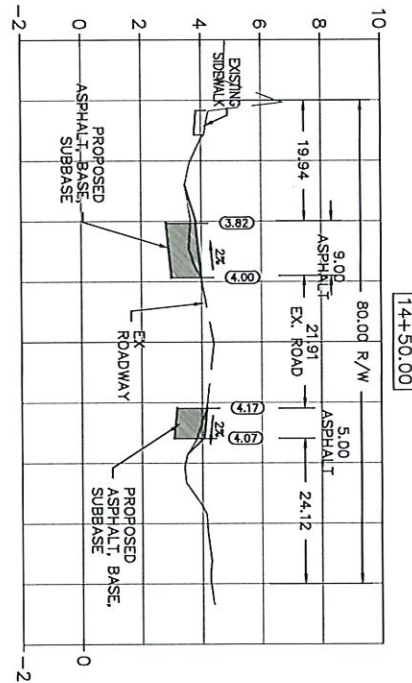
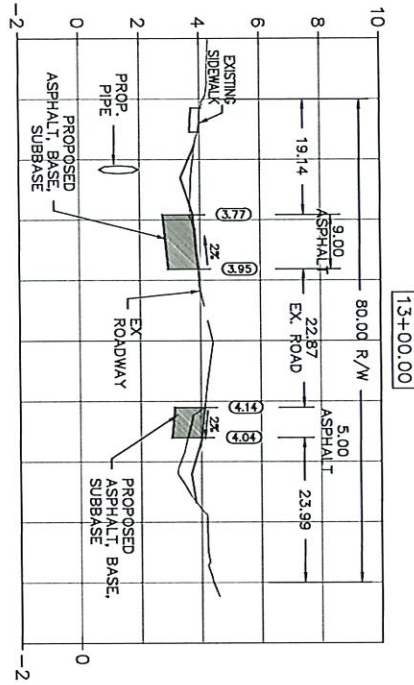
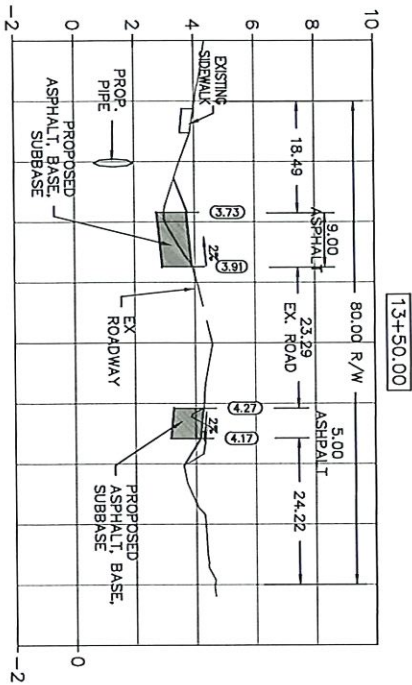
DAVID SCHULTZ, P.E.
P.E. NO. 14167
HOLE MONTRES, INC.
550 ENCORE WAY
MAPLES, FL 34110
CERTIFICATE OF AUTHORIZATION No. 1772

SWALLOW AVE.
SECTIONS

PROJECT NO.	448127-1-58-01
CIP FILE NAME	BASE
DATE PROJECTED	2022101
SHEET NO.	107

DRAWING CURRENT AS OF: 4/11/25

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LETTER	DESCRIPTION	DATE

Cellier Blvd.
Bike Lane



City of
Marco Island



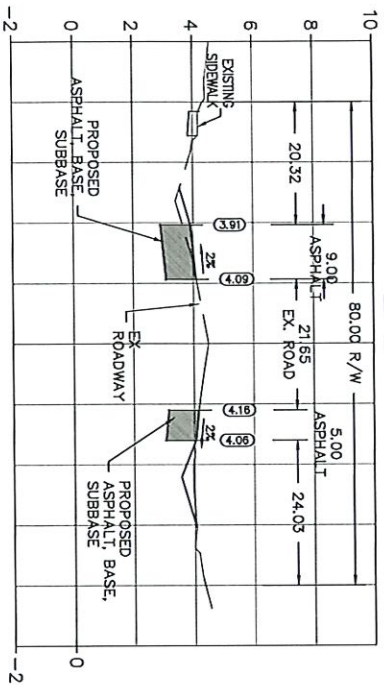
DAVID SCARLETT, P.E.
S.E. NO. 144671
HOLE MONTES INC.
950 ENCORE WAY
MAPLES, FL 34110
CERTIFICATE OF AUTHORIZATION NO. 1772

SWALLOW AVE.
SECTIONS

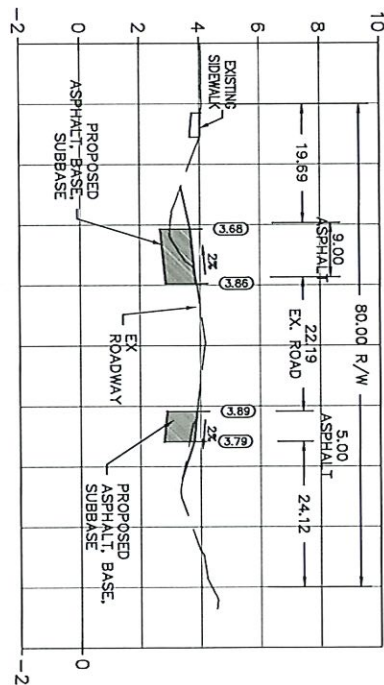
PROJECT NO.	448127-1-58-01
CAD FILE NAME	
DATE PROJECTED	2022101
SHEET NO.	108
DRAWING NO.	BASE

DRAWING CURRENT AS OF: 4/11/25

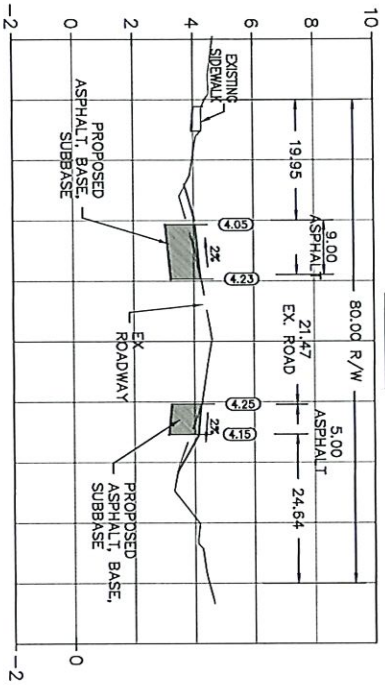
*THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



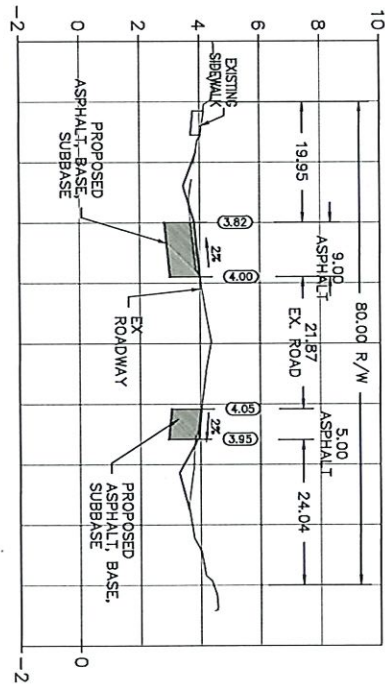
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16+00.00



15+00.00



16+00.00

LETTER	DESCRIPTION	DATE

Collins Blvd.
Bike Lane



City of
Miramar



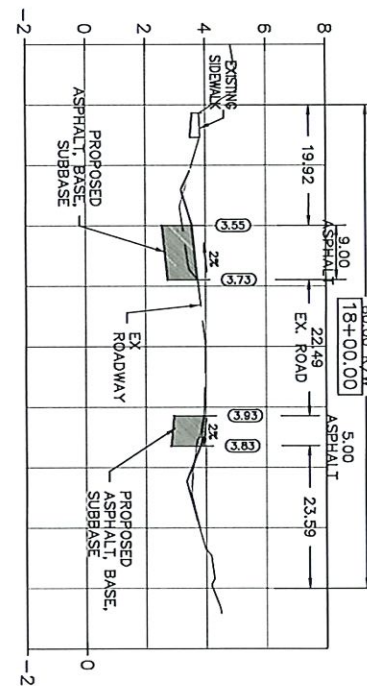
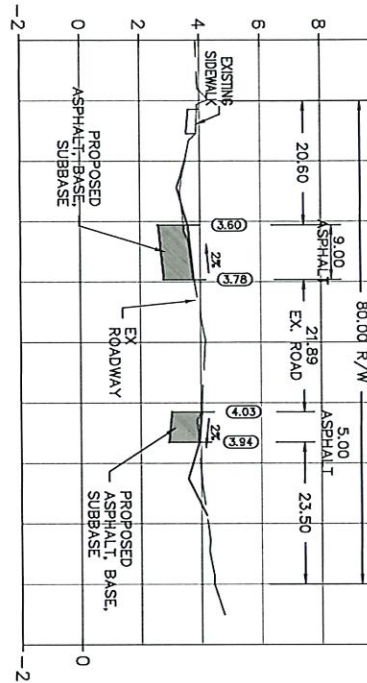
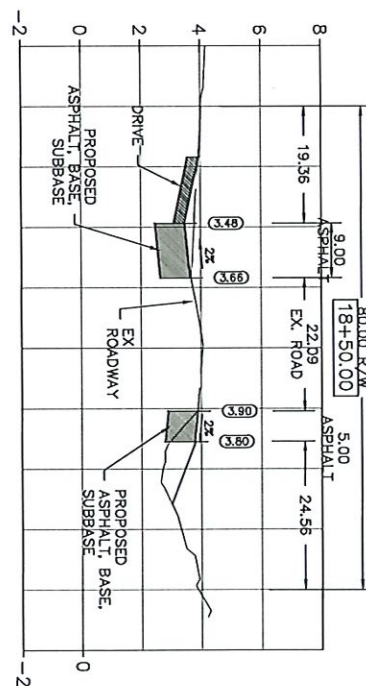
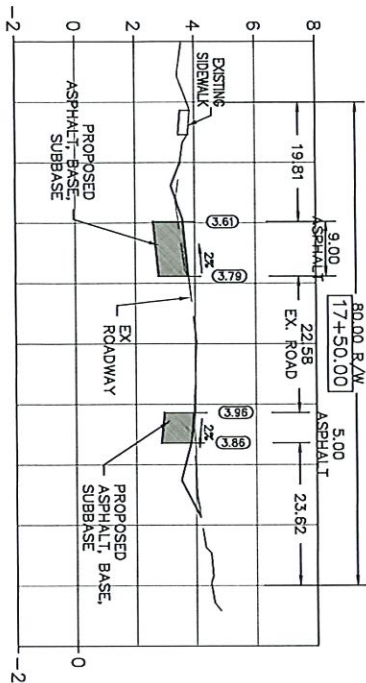
HOLE MONTES
CERTIFICATE OF AUTHORIZATION No. 1772

DAVID SCHWARTZ, P.E.
HOLE MONTES, INC.
980 ENCORE WAY
MAPLES, FL 34110

SWALLOW AVE.
SECTIONS

PROJECT NO.	448127-1-58-01
DATE	2022101
DRAWING NO.	BASE
SHEET NO.	109

DRAWING CURRENT AS OF: 4/11/25



LETTER	REVISION	DATE

**Collins Blvd.
Bike Lane**



**City of
Marco Island**

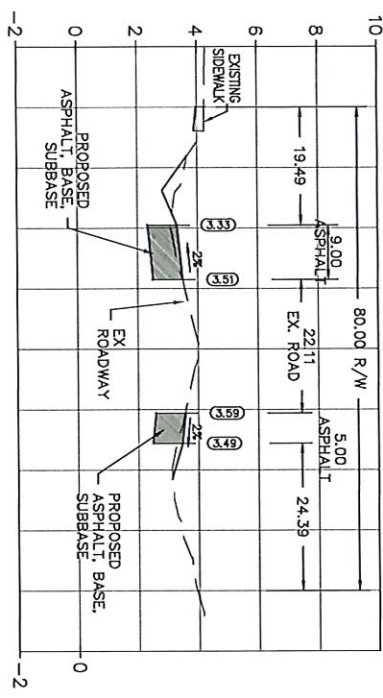


HOLE MONTES
CERTIFICATE OF AUTHORIZATION No. 1772

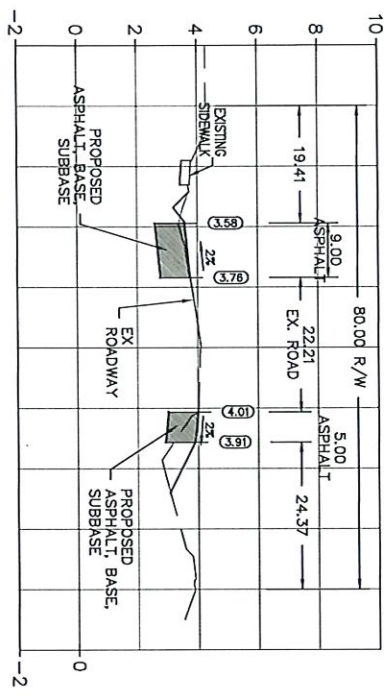
**SWALLOW AVE.
SECTIONS**

PROJECT NO. 448127-1-58-01	DRAWING NO.
SUB TITLE NAME	BASE
DATE PROJECT NO. 2022101	SHEET NO. 110

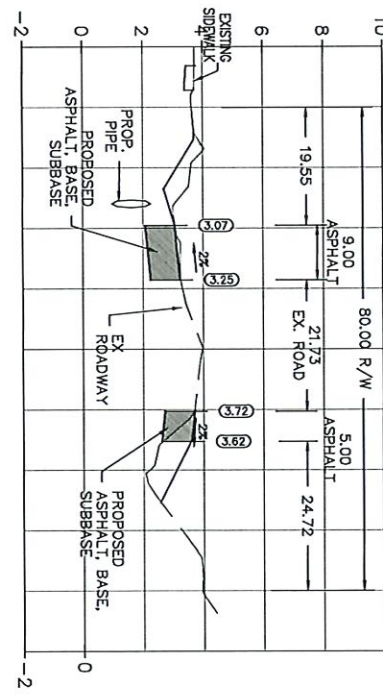
DRAWING CURRENT AS OF: 4/11/25



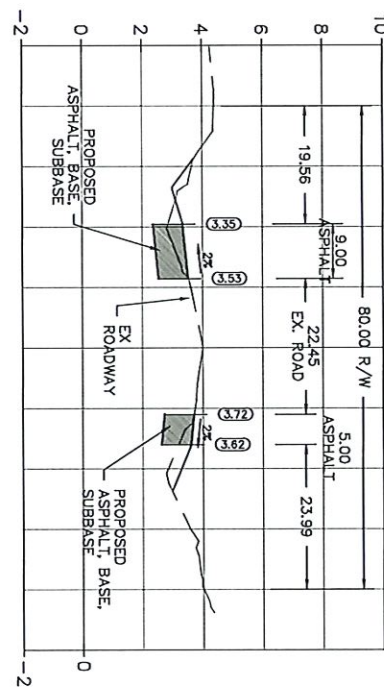
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19+50.00



20+00.00



20+50.00

LETTER	DESCRIPTION	DATE

Cellular Blvd.
Bike Lane



City of
Marco Island



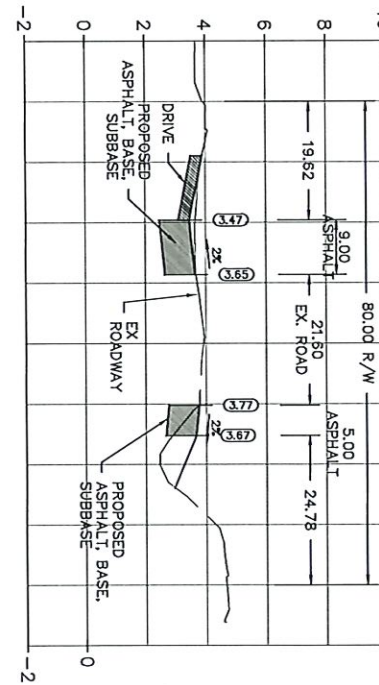
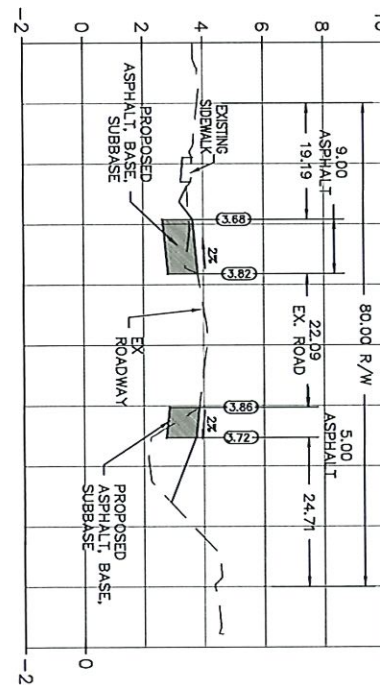
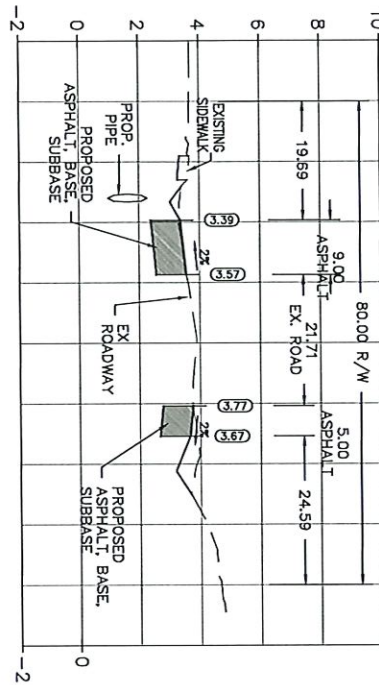
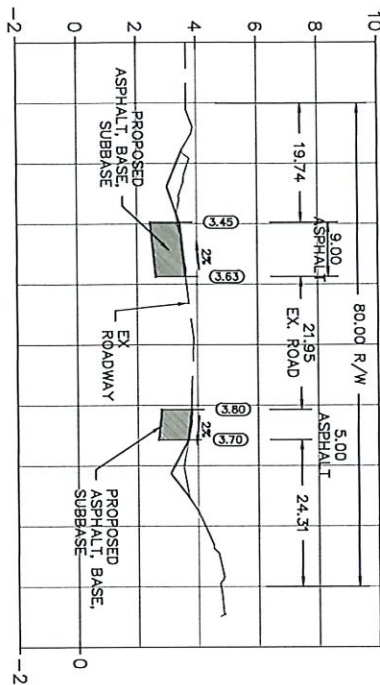
DAVID SCANTY, P.E.
P.E. NO. 44874
HOLE MONTES, INC.
980 ENCORE WAY
MAPLES, FL 34110
CERTIFICATE OF AUTHORIZATION NO. 1772

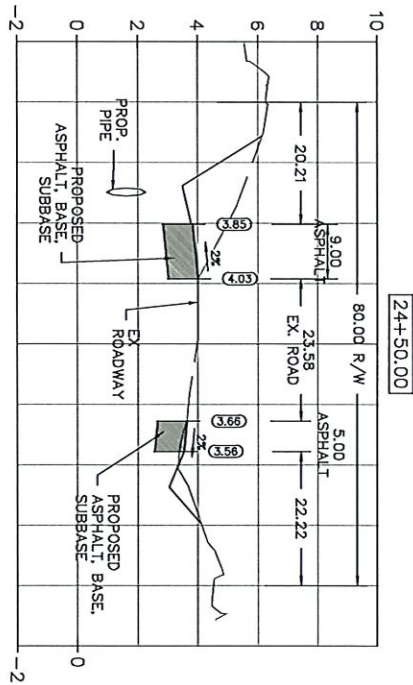
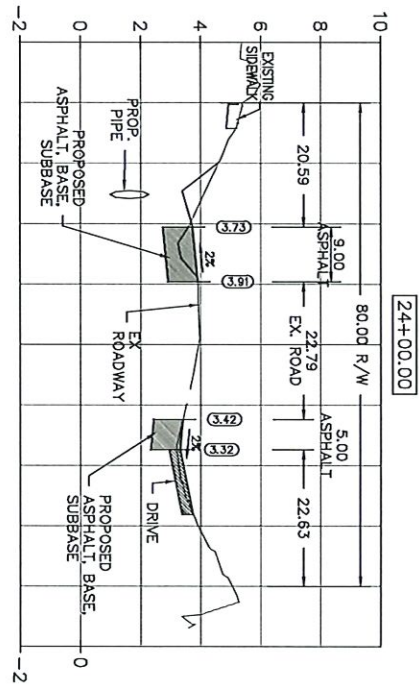
SWALLOW AVE.
SECTIONS

PORT NO. 448127-1-58-01	DRAWING NO.
C&G FILE NAME	BASE
PROJECT NO.	SHEET NO.
2022101	111

DRAWING CURRENT AS OF: 4/11/25

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LETTER	
DESCRIPTION	
DATE	

Cellar Blvd.
Bike Lane



City of
Marco Island

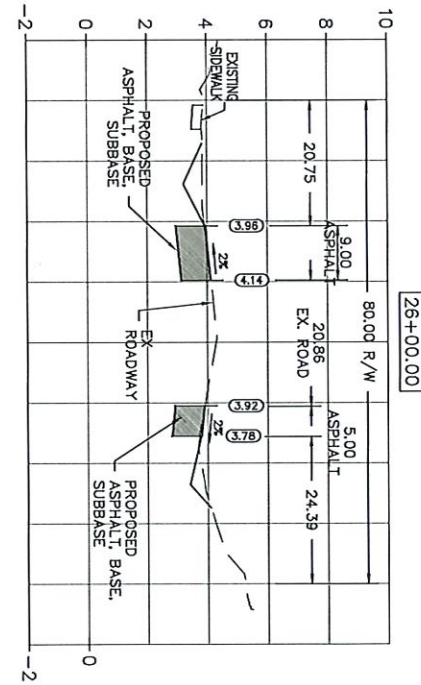
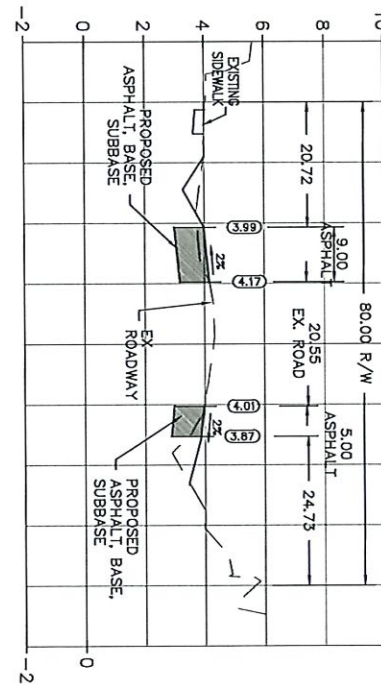
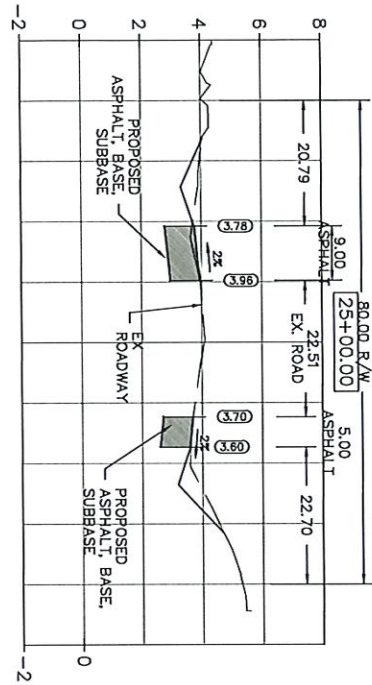
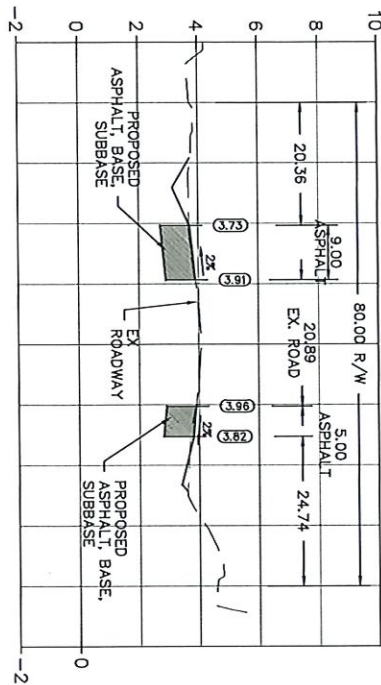


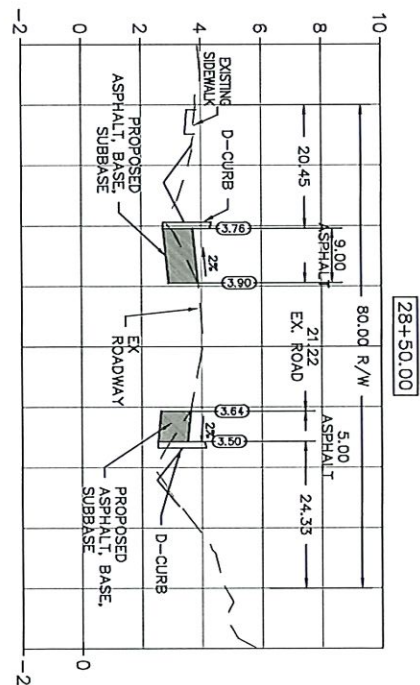
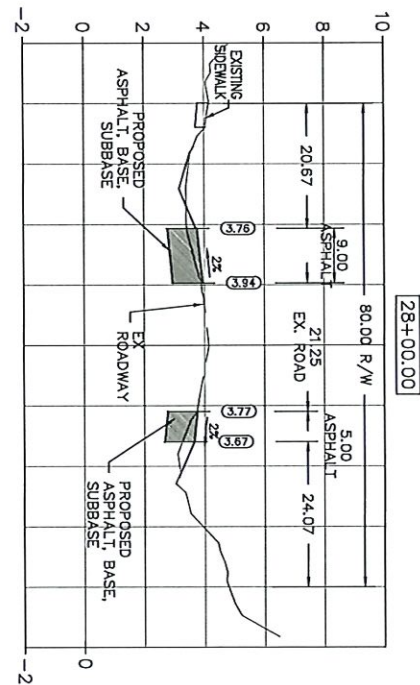
DAVID SCARATT, P.E.
P.E. NO. 44674
HOLE MONTES INC.
950 ENCORE WAY
MAPLES, FL 34110
CERTIFICATE OF AUTHORIZATION NO. 1772

SWALLOW AVE.
SECTIONS

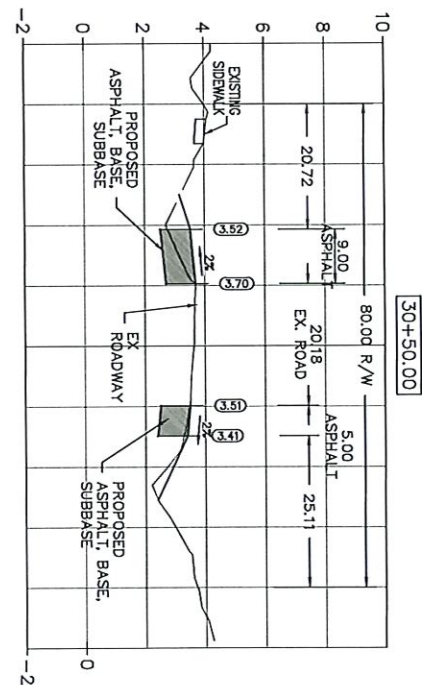
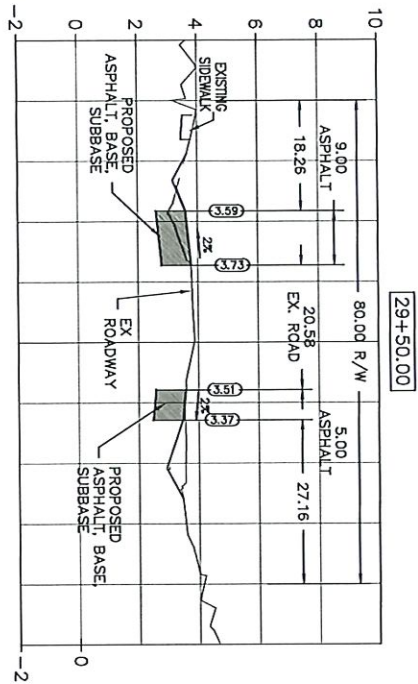
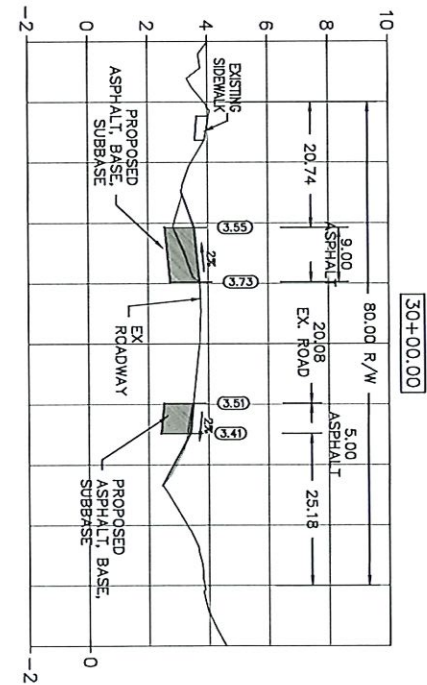
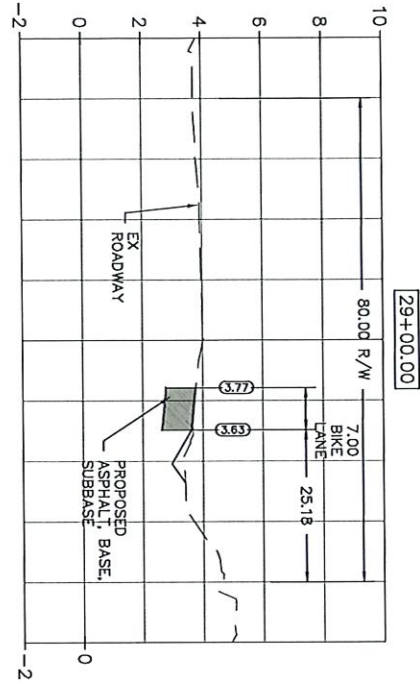
DRAWING CURRENT AS OF: 4/11/25

PROJECT NO.	446127-1-58-01
CAD FILE NAME	DRAWING
DATE PROJECT FILED	BASE
SHEET NO.	113





BASE	114
BASE	114



LETTER	REVISION	DATE

Collins Blvd.
Bike Lane



City of
Marco Island

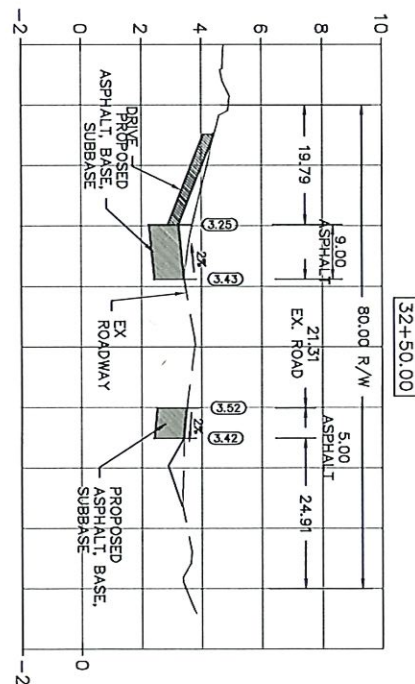
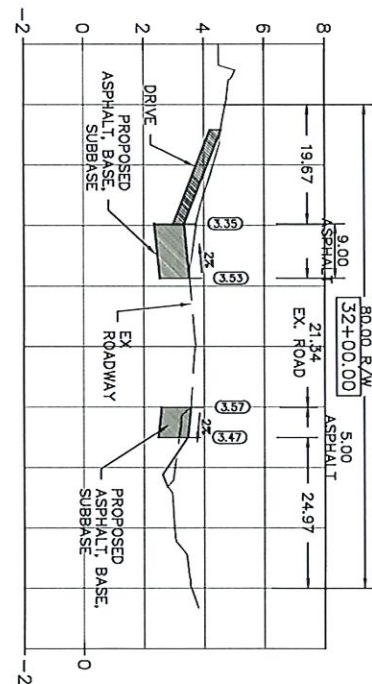


DAVID SCOTT, P.E.
P.E. NO. 44571
HOLE MONTES INC.
950 ENCORE WAY
MAPLES, FL 34110
CERTIFICATE OF AUTHORIZATION NO. 1772

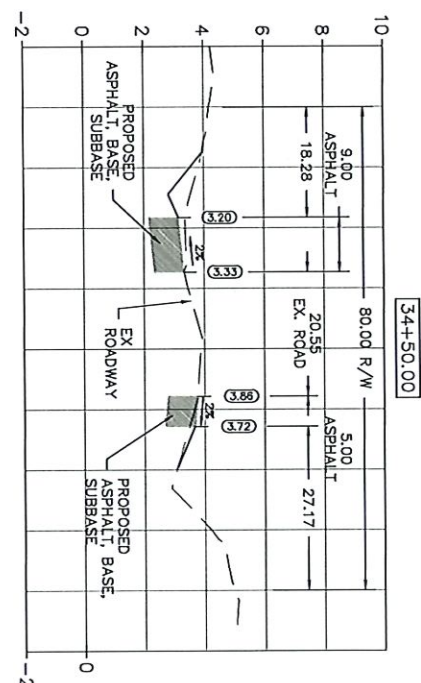
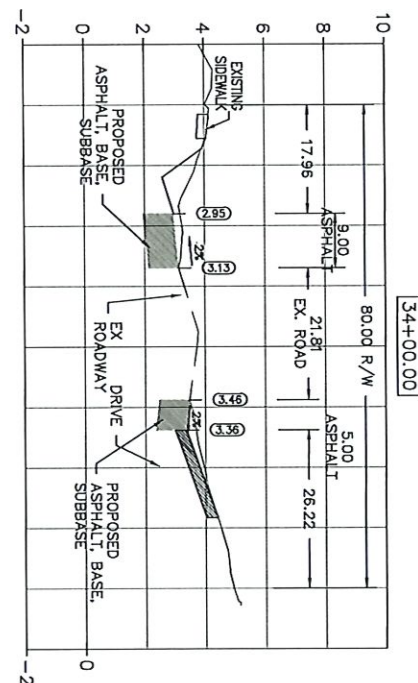
SWALLOW AVE.
SECTIONS

DRAWING CURRENT AS OF: 4/11/25

PROJECT NO.	445127-1-58-01
DATE FILED	2022101
PROJECT NO.	BASE
SHEET NO.	115



2022101	BASE
116	SHEET NO.
2022101	NO. PROJECT NO.

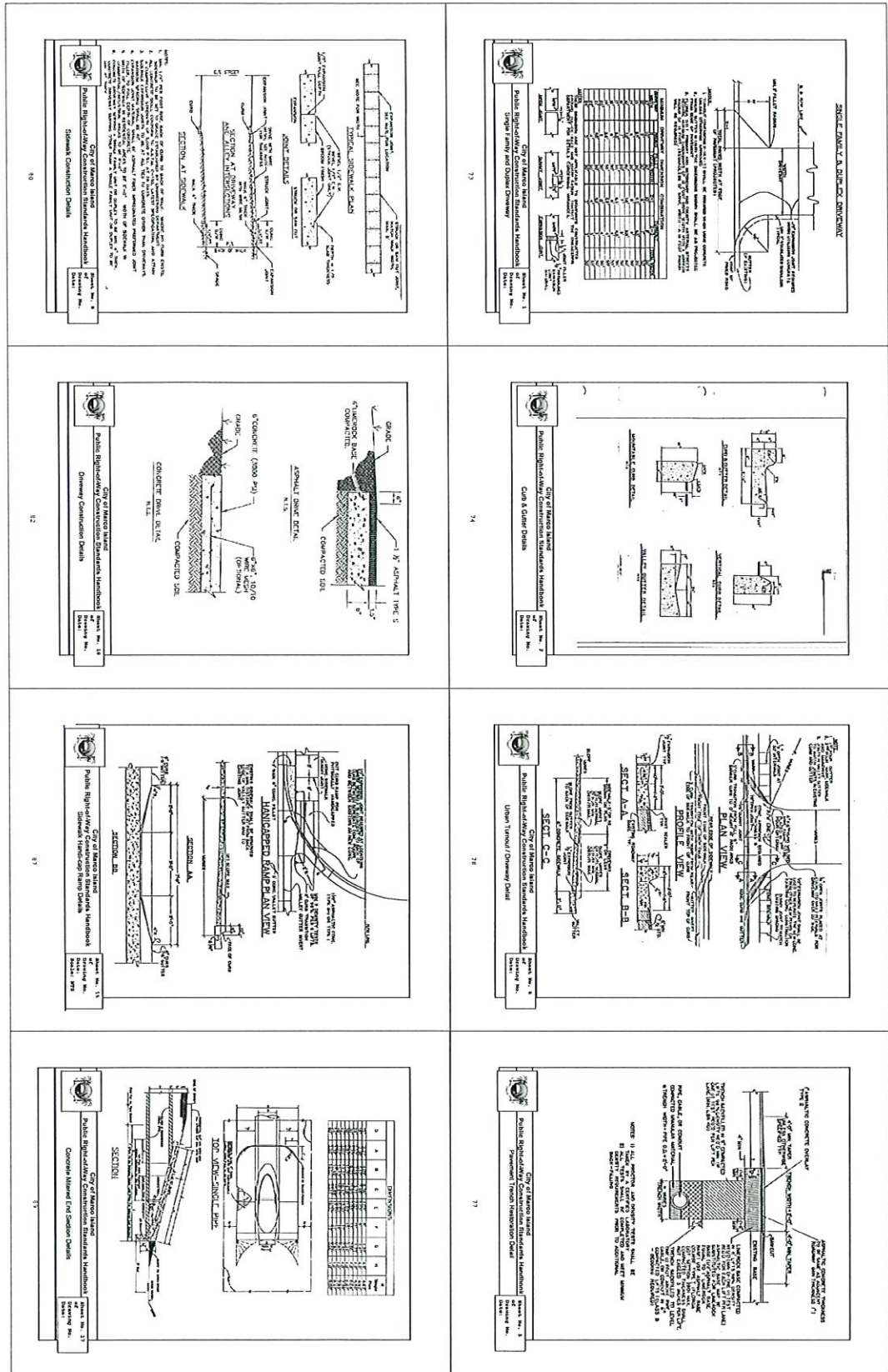


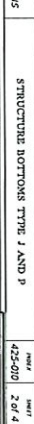
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CAD FILE NAME	DRAWING NO.
*	BASE
REV PROJECT NO.	SHEET NO.
2022101	117

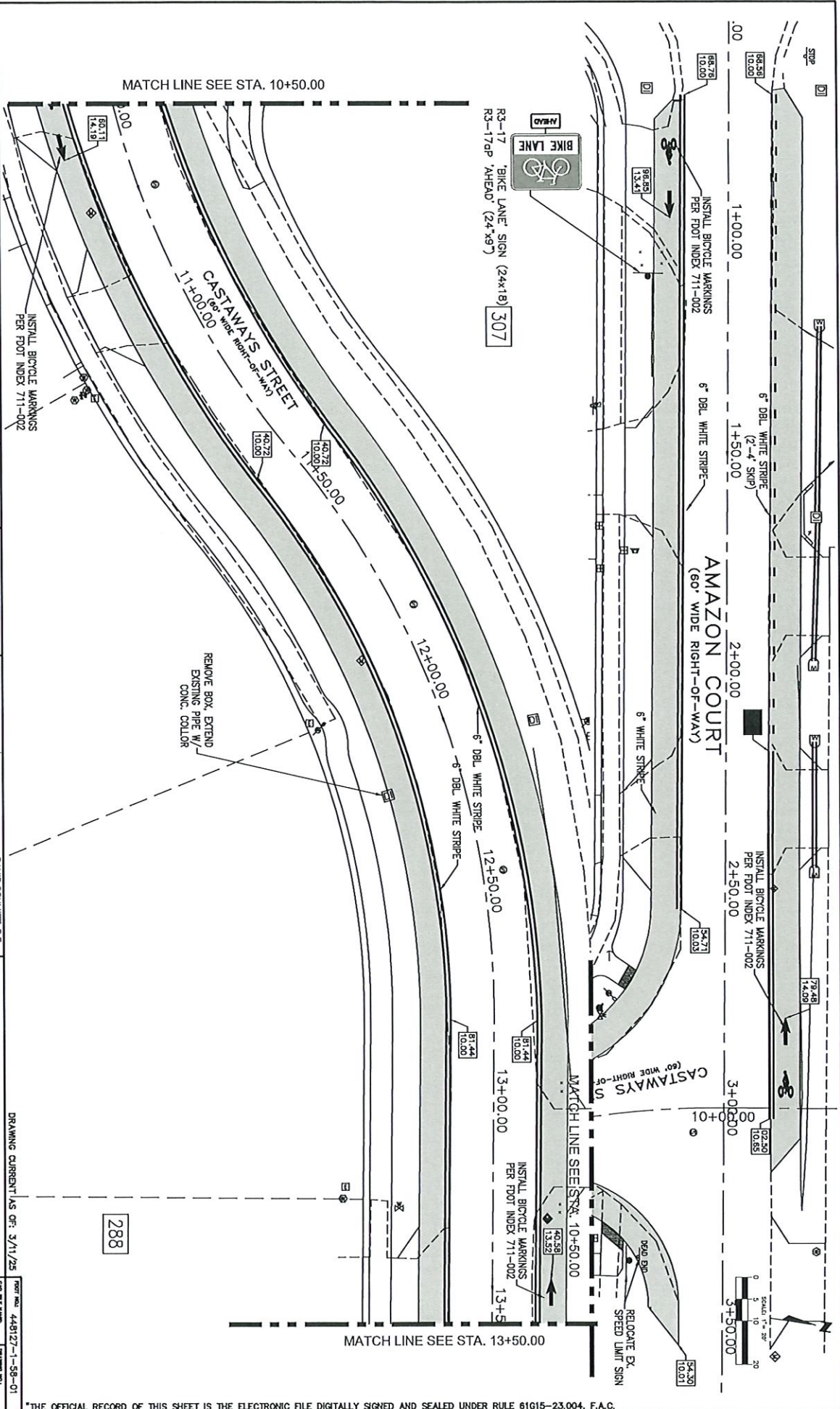
LETTER	SCALE	DATE	COLLIER BLVD. BIKE LANE	CITY OF MARCO ISLAND	DAVID SCARLETT, P.E. P.E. NO. 17677 HOLE MONTES, INC. 8000 WHISKEY CREEK DRIVE FORT MYERS, FL 33919 CERTIFICATE OF AUTHORIZATION NO. 1772	DETAILS	PROJECT NO. 448127-1-59-01	DRAWING NO. BASE	SHEET NO. 118
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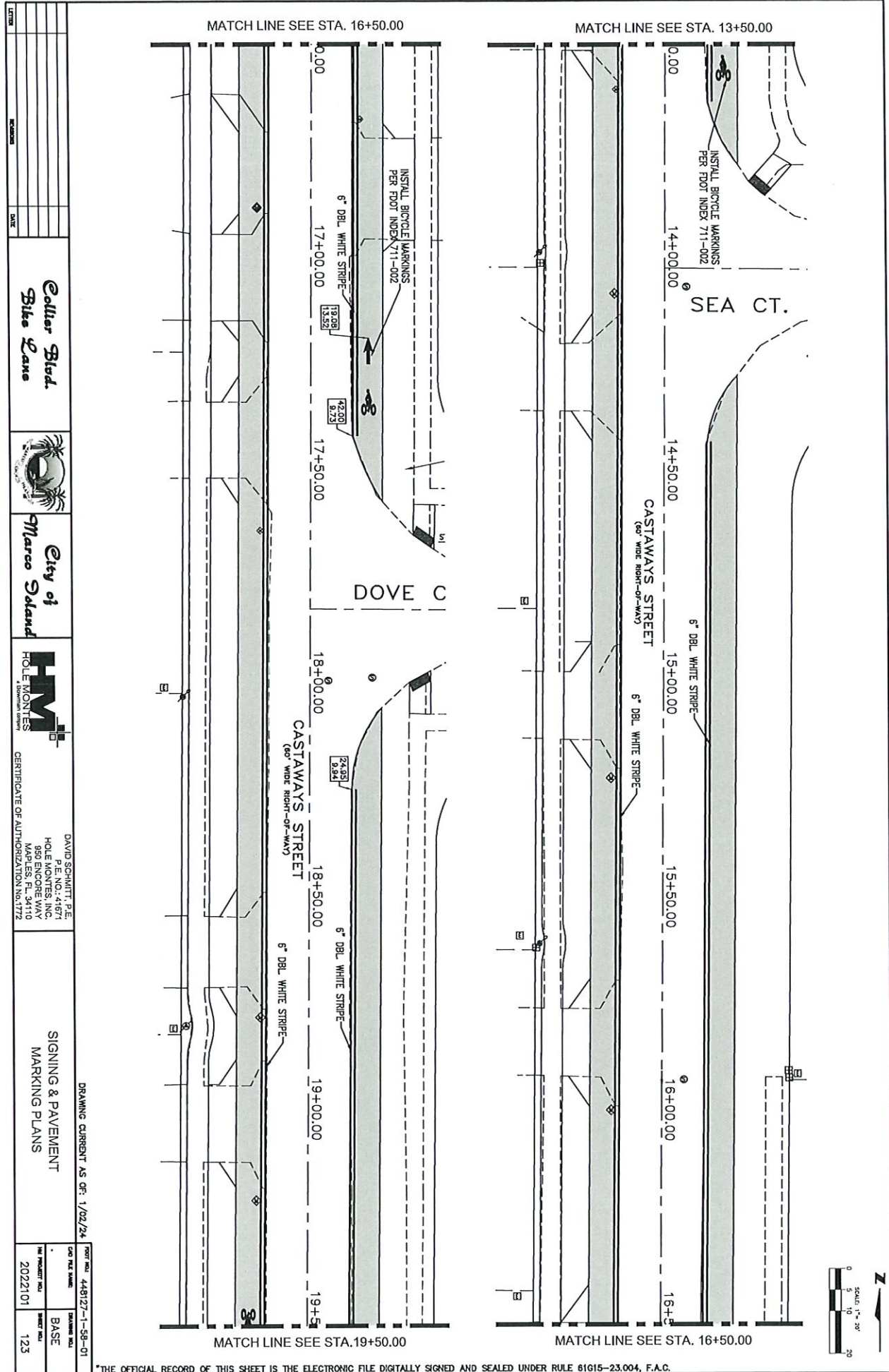
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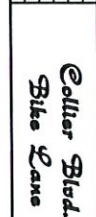
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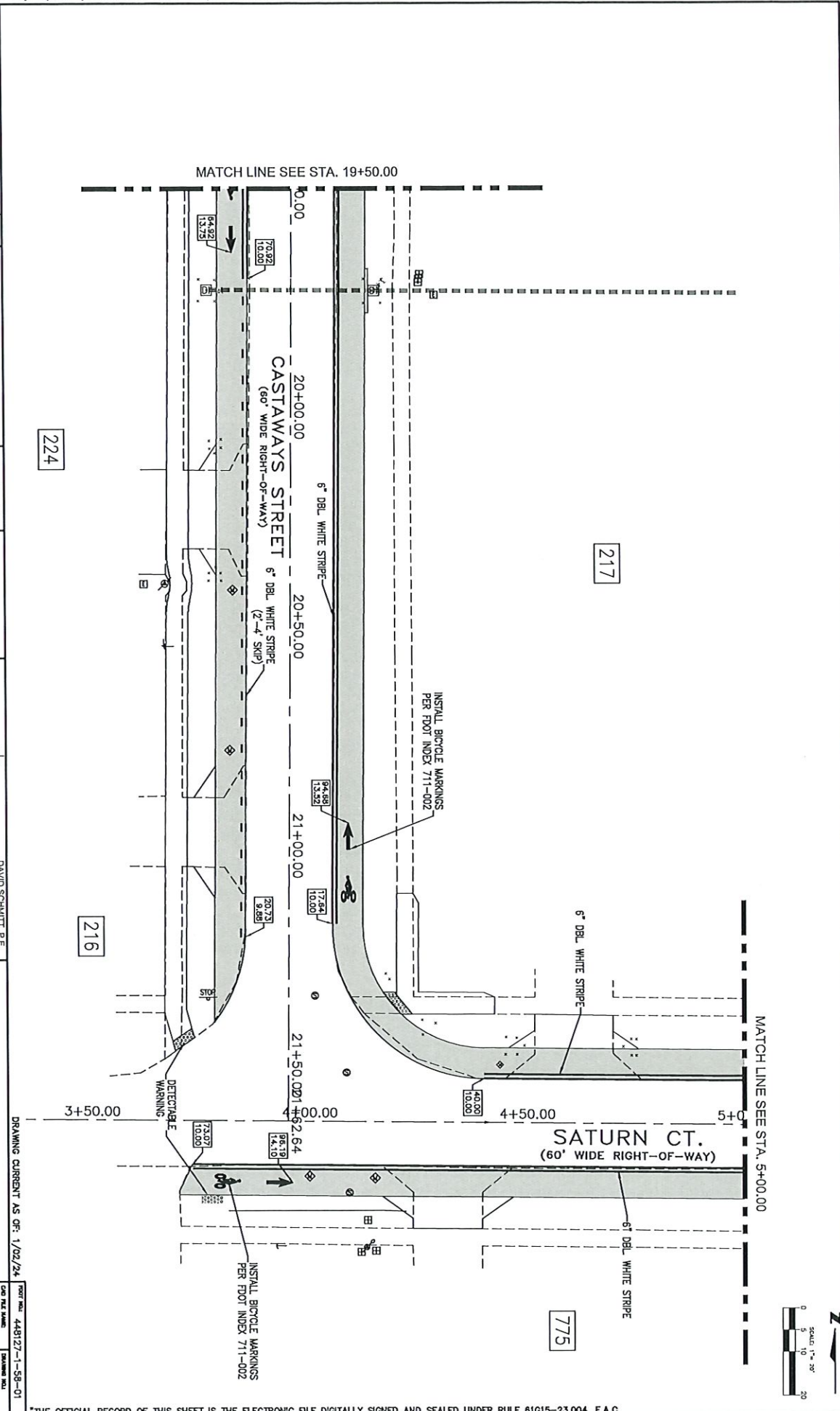
City of
Marco Island



DAVID COFFERT, 11772
P.E. NO.: 41671
HOLE MONTES, INC.
950 ENCORE WAY
MAPLES, FL. 34110
CERTIFICATE OF AUTHORIZATION No. 17722

SIGNING & PAVEMENT
MARKING PLANS

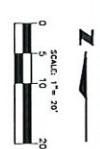
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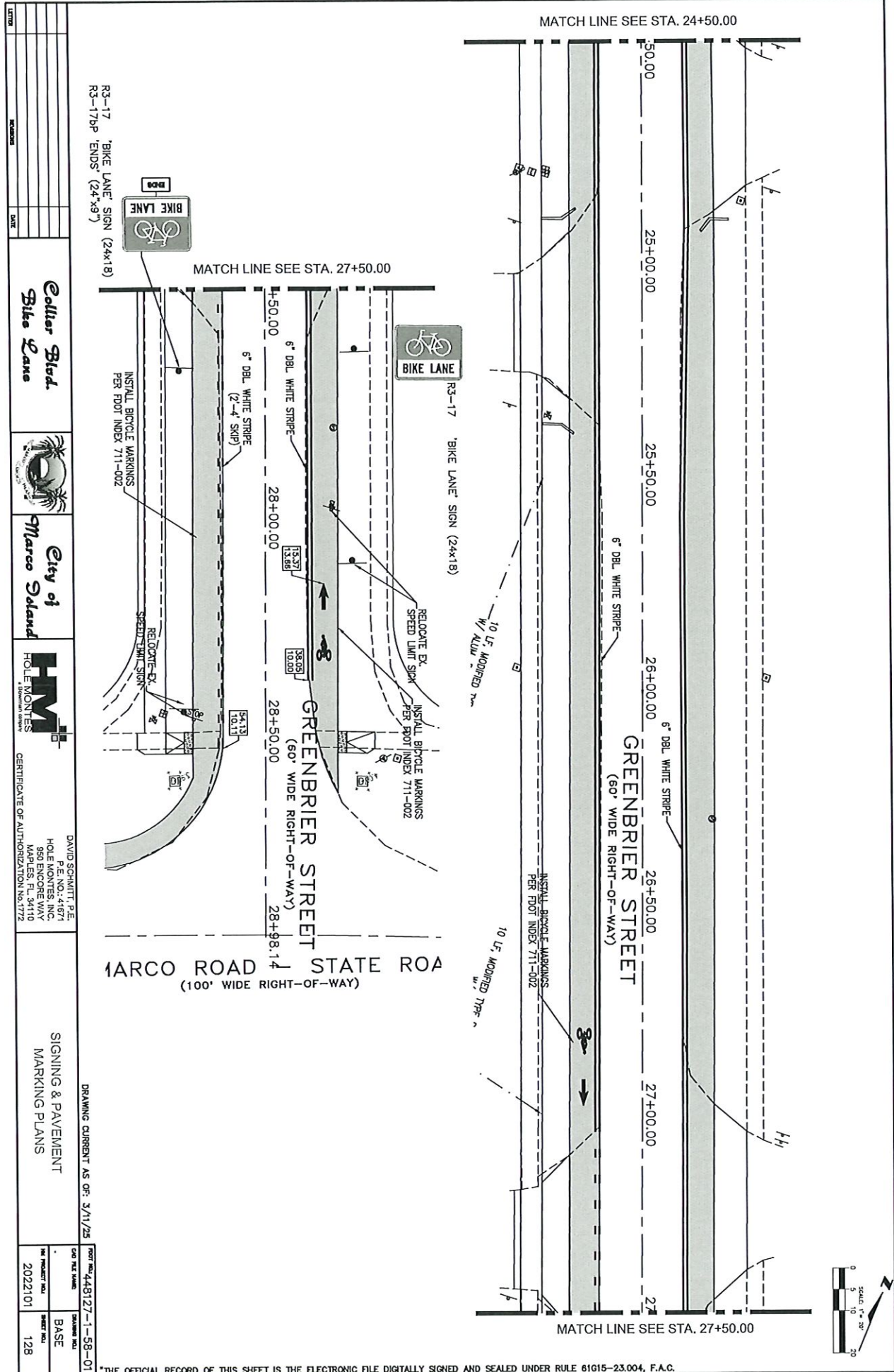
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2022101	125

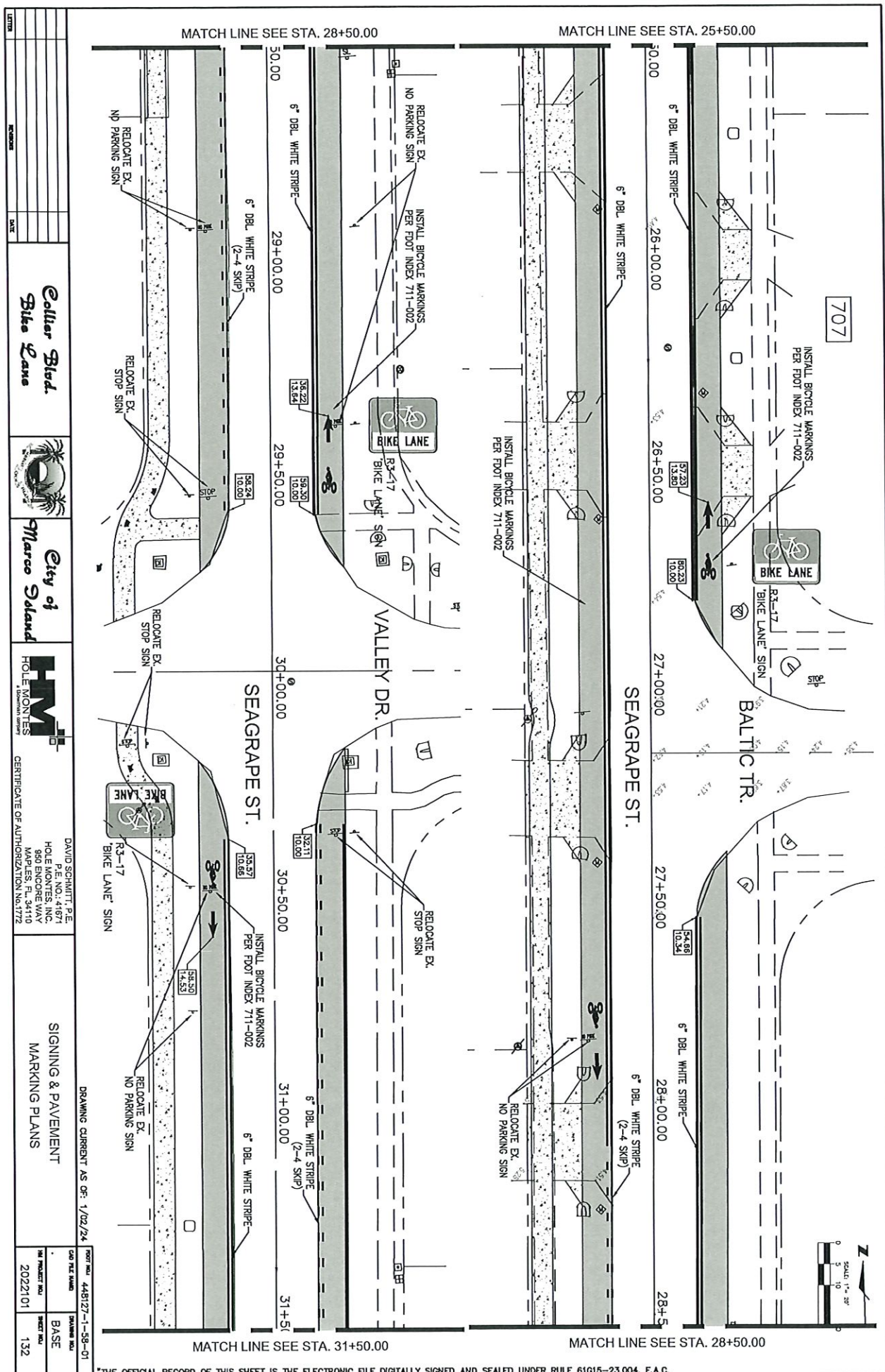


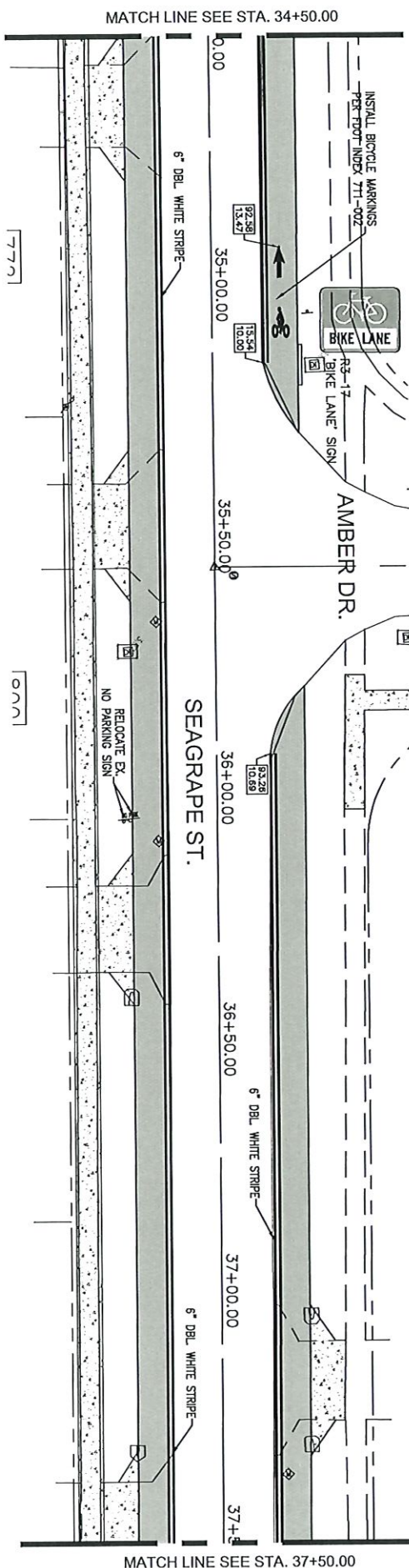
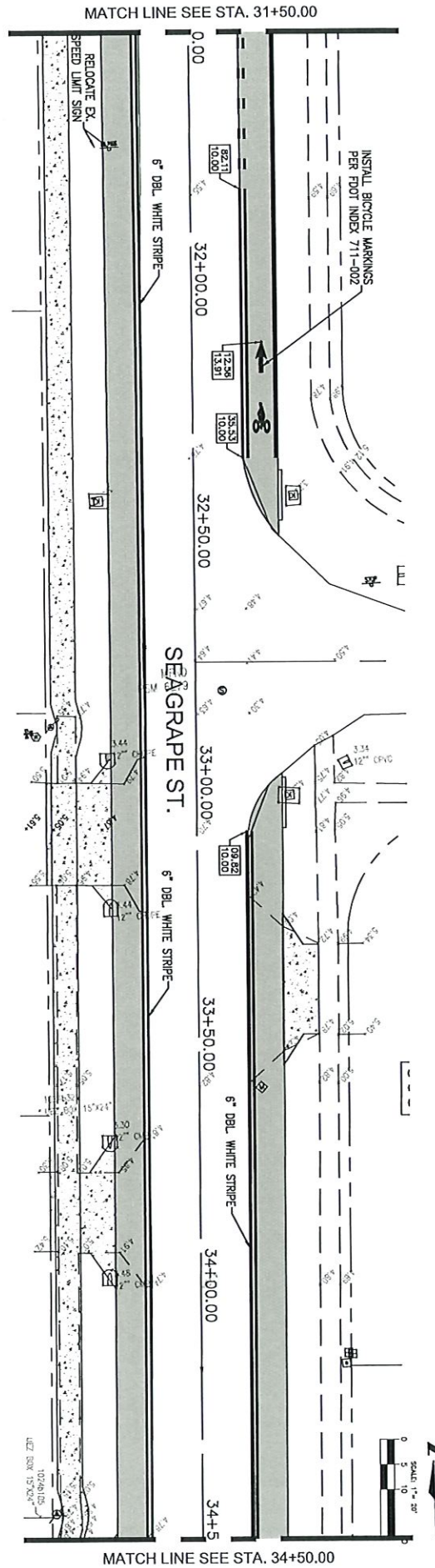
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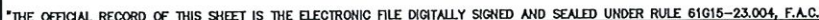


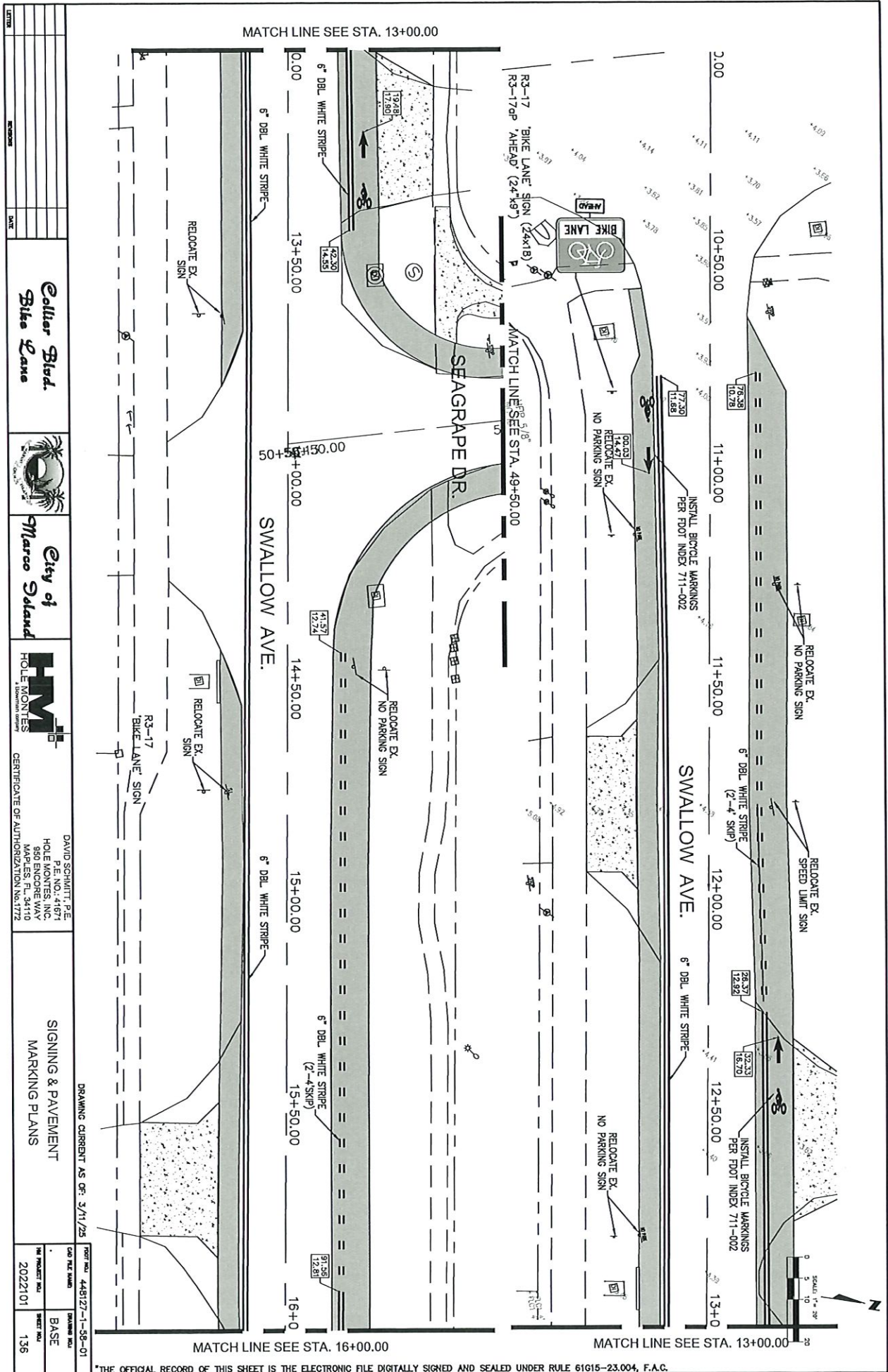






LETTER	REVISION	DATE	Collins Blvd. Bike Lane	City of Marco Island	HMI HOLE MONTES A DESIGNER COMPANY	DAVID SCHWARTZ P.E. P.E. NO. 44817 HOLE MONTES, INC. 860 ENCORE WAY MAPLES, FL 34110 CERTIFICATE OF AUTHORIZATION No. 1772	SIGNING & PAVEMENT MARKING PLANS	PROJECT NO. 448127-1-58-01 SHEET NO. 133
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Collins Blvd.
Bike Lane



City of
Marco Island

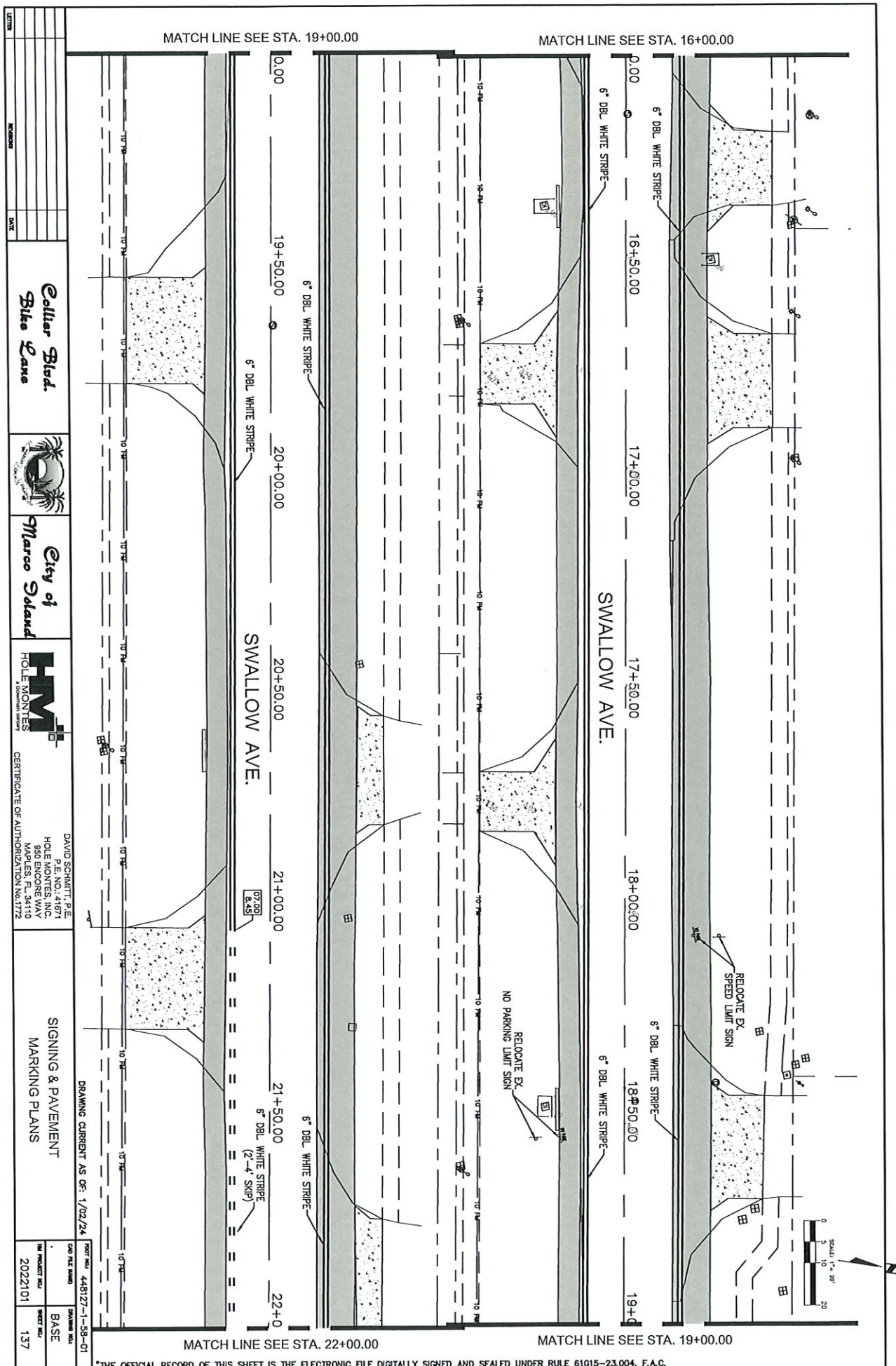


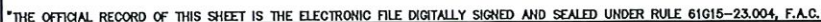
DAVID SCHWARTZ, P.E.
HOLE MONTY, INC.
880 ENCORE WAY
MAPLES, FL 34110
CERTIFICATE OF AUTHORIZATION NO. 1772

SIGNING & PAVEMENT
MARKING PLANS

PROJECT NO. 448127-1-08-01
SHEET NO. 136

DRAWING CURRENT AS OF: 3/11/25





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Collier Blvd.
Bike Lane



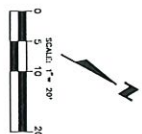
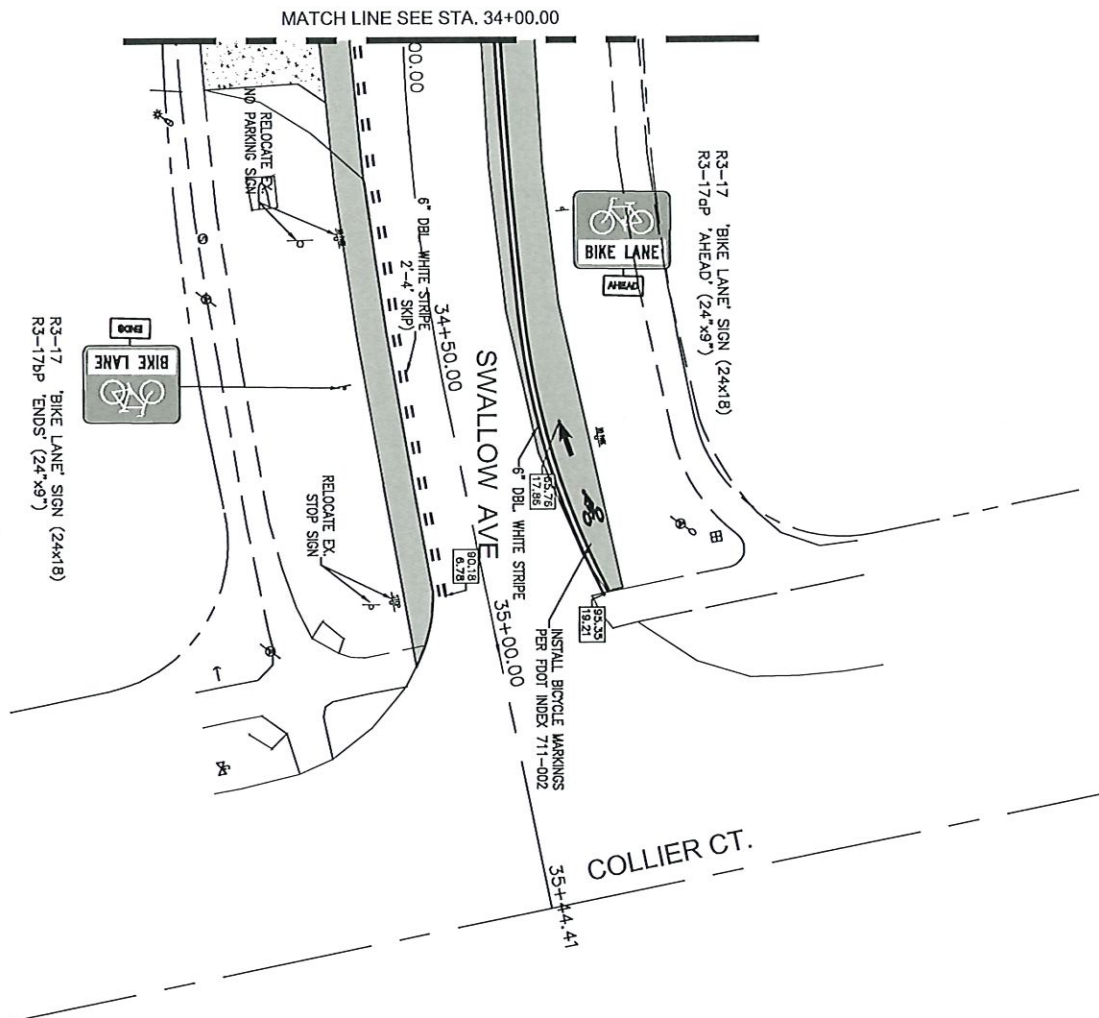
City of
Marco Island

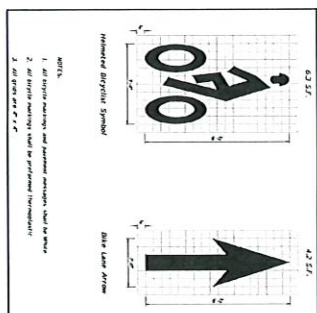


DAVID SCHMIDT, P.E.
HOLE MONTROSS, INC.
950 BENDORE WAY
MAPLES, FL 34110
CERTIFICATE OF AUTHORIZATION No. 1772

SIGNING & PAVEMENT
MARKING PLANS

PROJECT NO.	448127-1-58-01
CAD FILE NAME	DRAWING 501
DATE PROJECTED	BASE
DATE PROJECTED	140





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LAST REVISION	DESCRIPTION	INDEX	SHEET
11/01/22	FDOT STANDARD PLANS	711-001	2 of 13
DAVID SCHMITT, P.E. P.E. NO. 41871 HOLE IN THE ROAD MAPESS, FL 34110 CERTIFICATE OF AUTHORIZATION NO. 1772 City of Milwaukee		MARKING & PAVEMENT MARKING DETAILS	
DRAWING CURRENT AS OF: 5/01/25			

BICYCLE MARKINGS
(per F.D.O.T. Index No. 711-002)
NOT TO SCALE

PAVEMENT MARKING LINES

MARKINGS FOR MERGE

MAINTENANCE OF TRAFFIC NOTES

ROADWAY

1. THE MAINTENANCE OF TRAFFIC FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FLORIDA D.O.T. STANDARD PLANS 102-600, THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF PUBLIC WORKS FOR ROAD AND BRIDGE CONSTRUCTION, TRAFFIC CONTROL DEVICES (WITCO), TRAFFIC CONTROL AND LANE CLOSURES (AS REQUIRED) SHALL BE IN ACCORDANCE WITH THE APPROPRIATE DESIGN STANDARDS TRAFFIC CONTROL THROUGH WORK ZONE INDEX.
2. THE CONTRACTOR SHALL SUBMIT COMPLETE TRAFFIC CONTROL PLANS FOR REVIEW PRIOR TO CONSTRUCTION FOR CITY AND CESS APPROVAL. TRAFFIC CONTROL PLANS SHALL BE PREPARED BY QUALIFIED PROFESSIONALS WHO HAVE COMPLETED A COURSE OF PREPARATION OF TRAFFIC CONTROL PLANS AND SHALL BE SIGNED BY A PROFESSIONAL ENGINEER (P.E.) REGISTERED IN THE STATE OF FLORIDA. ALL MAINTENANCE OF TRAFFIC RELATED COSTS SHALL BE INCLUDED IN THE PROJECT BIDDING. THE MAINTENANCE OF TRAFFIC PLAN ITEMS IDENTIFIED IN THE PLANS.
3. THE CONTRACTOR SHALL INSTALL CONSTRUCTION SIGNING PRIOR TO COMMENCEMENT OF CONSTRUCTION AND MAINTAIN SIGNING DURING ALL PHASES OF CONSTRUCTION.
4. THE ALTERATION OF TOWEL WAYS TO CREATE A WORK ZONE SHALL BE COMPLETED UNTIL ALL LABOR AND MATERIAL ARE READY FOR THE CONSTRUCTION IN THAT ZONE.
5. PUBLIC ACCESS TO BUSINESSES, RESIDENCES, SCHOOL, AND SIDE STREETS MUST BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
6. NOTIFICATION OF LANE CLOSURES OR TEMPORARY DETOURS OF TRAFFIC SHALL BE COMPLETED 14 CALENDAR DAYS PRIOR TO CLOSURE OR DETOUR BY SUBMITTING THE REQUIRED LANE CLOSURE FORM, SKETCHES, CALCULATIONS AND OTHER DATA REQUIRED BY THE PROJECT ENGINEER.
7. THE CONTRACTOR SHALL MAKE PROVISIONS FOR THE REMOVAL OF STORM WATER FROM THE ROADWAY SURFACE. THE PROJECT CONSULTING ENGINEER FOR APPROVAL PRIOR TO USE. THE COST OF WATER REMOVAL SHALL BE INCLUDED IN PAY ITEM NO. 102-1. MAINTENANCE OF TRAFFIC (LUMP SUM).
8. THE CONTRACTOR SHALL REMOVE OR COVER ANY EXISTING OR PROPOSED SIGNS OR PAVER MARKINGS WHICH COULD BE IN CONFLICT WITH THE TRAFFIC CONTROL PLAN. THE CONTRACTOR SHALL RESTORE THE SIGNS OR PAVER MARKINGS TO THEIR ORIGINAL POSITION. EXISTING PAVER MARKINGS SHALL BE REMOVED BY MILLING, GRINDING OR BY OTHER METHODS APPROVED BY THE PROJECT ENGINEER. USE OF BLACK PAINT TO COVER EXISTING PAVER MARKINGS IS PROHIBITED. THE COST OF SIGN REMOVAL AND RESTORATION SHALL BE INCLUDED IN PAY ITEM NO. 102-1. MAINTENANCE OF TRAFFIC (LUMP SUM).
9. THE CONTRACTOR SHALL TURNISH PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS), MESSAGES FOR THE PCMS SHALL BE AS INDICATED AS DIRECTED BY THE ENGINEER. THE PCMS SHALL BE IN PLACE 14 DAYS PRIOR TO THE START OF ANY WORK. STRIPS TURNING WAYS SHALL BE REMOVED TWO CALENDAR WEEKS AFTER THE START OF THE ABOVE AS REFERENCED WORK ITEMS, EXCEPT DURING NIGHT WORK, OR AS OTHERWISE DIRECTED BY THE PROJECT ENGINEER. PCMS SHALL BE PAID FOR UNDER ITEM 102-1. MAINTENANCE OF TRAFFIC (LUMP SUM).

ROADWAY, CONT.

10. PEAK HOURS ARE CONSIDERED TO BE BETWEEN 6 AM AND 6 PM. TRAVEL LANE CLOSURES SHALL BE LIMITED TO 1 HOUR PER DAY. TRAVEL LANE CLOSURES SHALL BE ALLOWED ONLY DURING OFF-PEAK HOURS FROM 6 PM TO 6 AM.
 11. THE CONTRACTOR SHALL USE A STREET SWEEPER (USING WATER OR OTHER EQUIPMENT CAPABLE OF CONTROLLING AND REMOVING DUST, APPROVAL OF THE USE OF SUCH EQUIPMENT IS CONTINGENT UPON ITS DEMONSTRATED ABILITY TO DO WORK, CLEANING AND SWEEPING IS TO BE INCLUDED IN PART ITEM NO. 102-1).
- DROP OFFS AND ABOVE GROUND HAZARDS:**
1. AT THE END OF EACH WORK PERIOD, ANY DROP OFF IN THE AREA ADJACENT TO THE TRAVEL WAY SHALL BE BACKFILLED IN ACCORDANCE WITH STANDARD INDEX NO. 600, OR SHALL BE OTHERWISE PROTECTED WITH TEMPORARY BARRIER WALL AT CONTRACTORS EXPENSE. TEMPORARY IMPACT ATTENUATORS MAY BE REQUIRED DEPENDING ON HOW THE CONTRACTOR ALIGNS THE ENDS OF THE BARRIER WALLS.
 2. CONTRACTOR SHALL PROVIDE PROTECTION FROM ABOVE GROUND HAZARDS IN THE AREA ADJACENT TO THE TRAVELWAY. PROTECTION FROM ABOVE GROUND HAZARDS SHALL BE AT THE CONTRACTORS EXPENSE.
- UTILITIES:**
1. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE UTILITY COMPANIES DURING SUITABLE UTILITY RELOCATION/ ADJUSTMENTS THAT WILL BE REQUIRED TO ACCOMMODATE THE MAINTENANCE OF TRAFFIC. THE COST FOR CONTRACTOR COORDINATING WITH THE UTILITY OWNERS SHALL BE PAID UNDER PM ITEM 102-1, MAINTENANCE OF TRAFFIC (LUMP SUM).
- TEMPORARY MAINTENANCE:**
1. WHERE TEMPORARY PAVEMENT IS REQUIRED IT SHALL CONSIST OF OPTIONAL BASE GROUP 9, TYPE B-1-25 (ONLY). THE TEMPORARY PAVEMENT SHALL BE CONSTRUCTED ON A FIRM UNYIELDING, WELL COMPACTED SUBGRADE. THE COST OF THE TEMPORARY PAVEMENT, INCLUDING THE WELL COMPACTED SUBGRADE, REMOVAL AND DISPOSAL OF THE TEMPORARY PAVEMENT, TO BE INCLUDED IN PAY ITEM 102-1, MAINTENANCE OF TRAFFIC (LUMP SUM).
- WORK ZONE LIMITS:**
1. THE CONTRACTOR WILL NOT BE ALLOWED TO OPEN UP TRENCHES THAT CANNOT BE BACKFILLED DURING THE SAME WORKING PERIOD WITHOUT THE APPROVAL OF THE PROJECT ENGINEER.
- PEDESTRIAN, BICYCLES, & WHEELCHAIRS:**
1. AT THE END OF EACH WORK PERIOD, ANY DROP OFF ADJACENT TO THE SUBJECT TRAVELWAY SHALL BE BACKFILLED FLUSH WITH THE TRAVELWAY OR SHALL BE PROTECTED WITH BARRICADES, TEMPORARY BARRIER WALL, APPROVED HANDRAIL.
 2. THROUGHOUT THE PROJECT LIMITS, WHERE EXISTING PEDESTRIAN AND BICYCLE FACILITIES EXIST, CONTRACTOR SHALL MAINTAIN ACCESS. WHERE THE TRAVELWAY SHALL BE WIDENED TO 5' WIDE SMOOTH BUT NOT SLICK, WITH A WATERPROOF SURFACE.
 3. PEDESTRIAN, BICYCLE, AND WHEELCHAIR TRAFFIC SHALL BE GUIDED AND MAINTAINED USING APPROVED WARNING LIGHTS SINGING AND CHANNELIZATION DEVICES FOR GUIDANCE.

PEDESTRIAN, BICYCLES, & WHEELCHAIRS, CONT.

4. CONTROL DEVICES SHALL BE INSPECTED AND MAINTAINED ACCORDANCE WITH FDOT SPECIFICATIONS AND THE MUTCD SECTIONS ON WORK ZONE TRAFFIC CONTROL.
5. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A SAFE AND ADEQUATE WALKING SURFACE FOR PEDESTRIANS. SPECIFIC ROUTES FOR ALL PEDESTRIANS AND TRANSIT USERS WITHIN THE VICINITY OF THE CONSTRUCTION ZONE SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION. THIS INCLUDES SAFE WALK/ACCESS TO AND FROM EXISTING BUS STOPS AND TRANSIT VEHICLES IF THE CURRENT WALKING SURFACE AND ACCESS TO AND FROM TRANSIT VEHICLES AT BUS STOPS CAN NOT BE MAINTAINED. THEN A TEMPORARY ROAD-ROCK WALK WAY SHALL BE CREATED. THE SAFE WALK ROUTE SHALL BE SEPARATED FROM THE CONSTRUCTION ACTIVITY BY THE 4' HIGH ORANGE CONSTRUCTION FENCE FOR THE ENTIRE LENGTH OF THE PROJECT AND THE LENGTH OF THE WALK ROUTE, WHICHEVER IS LESS.

PEDESTRIAN, BICYCLES, & WHEELCHAIRS, CONT.

12. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSTAL ANY NECESSARY PAVEMENT, ROAD ROCK, PAVEMENT MARKINGS, GUARDS, FLOOD BESS, SIGNAGE, AND/OR FENCING TO ACCOMMODATE AN EXISTING OR ALTERNATE WALK CROSSING/ROUTE.
13. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE STATE CERTIFIED SCHOOL CROSSING GUARDS OR OFF DUTY POLICE OFFICERS TO CROSS STUDENTS AT ANY LOCATIONS OTHER THAN THOSE PREVIOUSLY DESIGNATED. THE CONTRACTOR MAY USE "GARDEN, ONLY" TRAIL AND STATE CERTIFIED AS A SCHOOL CROSSING GUARD.
14. ALL COSTS FOR MAINTAINING PEDESTRIAN, TRANSIT, SCHOOL STUDENT, BICYCLES & WHEELCHAIRS ACCESS ARE INCLUDED IN PAY ITEM 102-1, MAINTENANCE OF TRAFFIC (LUMP SUM).

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STORMWATER POLLUTION PREVENTION PLAN

1. SITE DESCRIPTION

1.A. NATURE OF CONSTRUCTION ACTIVITY:

THIS IS A BICYCLE PATH BEING CONSTRUCTED ON EACH SIDE OF THE EXISTING ROAD, INCLUDING REPLACING A 4.0' SIDEWALK WITH A 5.0' WIDE SIDEWALK. THE PROJECT INCLUDES REMOVAL OF EXISTING SIDEWALK, EXTENSION OF EXISTING CULVERTS, CONSTRUCTION OF NEW CULVERTS, AND CONSTRUCTION OF NEW INLETS, AND REGRADING OF GROSSED SHOULDS. THE EXISTING ROADWAY WILL REMAIN UNALTERED.

1.B. SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A DETAILED SEQUENCE OF CONSTRUCTION FOR ALL CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL FOLLOW THE SEQUENCE OF MAJOR ACTIVITIES DESCRIBED BELOW, UNLESS THE CONTRACTOR PROPOSES A DIFFERENT SEQUENCE THAT IS EQUAL OR BETTER AT CONTROLLING EROSION AND TRAPPING SEDIMENT AND IS APPROVED BY THE ENGINEER. FOR EACH CONSTRUCTION PHASE, INSTALL PERIMETER CONTROLS AFTER CLEARING AND GRUBBING NECESSARY FOR INSTALLATION OF CONTROLS BUT BEFORE BEGINNING OTHER WORK FOR THE CONSTRUCTION PHASE. REMOVE PERIMETER CONTROLS ONLY AFTER ALL UPSTREAM AREAS ARE STABILIZED.

1.C. AREA ESTIMATES:

TOTAL SITE AREA: 16.42 ACRES
TOTAL AREA TO BE DISTURBED: 9.63 ACRES

1.D. SITE DRAINAGE

DRAINAGE PATTERNS WITHIN THE PROJECT LIMITS CONSIST OF EXISTING ROADSIDE SWALE AND CULVERTS CONVEYING THE STORMWATER RUNOFF TO MULTIPLE LOCATIONS ALONG THE PROJECT. EXISTING DRAINAGE PATTERNS WILL BE MAINTAINED.

1.E. DUTY-FULL INFORMATION:

THE PROJECT DISCHARGES AT THE FOLLOWING LOCATIONS:

18' RCP STA. 12+25 CASTAWAYS STREET
30' RCP STA. 19+75 CASTAWAYS STREET
18' RCP STA. 12+00 GREENBRIER STREET
30' RCP STA. 19+50 GREENBRIER STREET
38"60" ENCP STA. 2+00 PERU STREET
48' RCP STA. 35+75 SEAGRAPE DRIVE
18' RCP STA. 41+80 SEAGRAPE DRIVE
60' RCP STA. 18+50 SHALLOW AVE.

2.0 CONTROLS

2.A. EROSION AND SEDIMENT CONTROLS

THE SOIL EROSION AND SEDIMENT CONTROL SHALL BE MAINTAINED BY THE CONTRACTOR TO MINIMIZE THE AMOUNT OF DISTURBED SOIL. PREVENT OFF-SITE RUNOFF FROM FLOWING ACROSS DISTURBED AREAS, SLOW THE RUNOFF FLOWING ACROSS THE SITE AND REMOVE SEDIMENT FROM ON-SITE RUNOFF BEFORE IT LEAVES THE SITE. THE CONTRACTOR IS ADVISED THAT THE CONTRACT DRAWINGS ONLY INDICATE EROSION, SEDIMENT, AND TURBIDITY CONTROLS AT LOCATIONS DETERMINED IN THE DESIGN PROCESS. HOWEVER, THE CONTRACTOR IS REQUIRED TO PROVIDE ANY ADDITIONAL CONTROLS NECESSARY TO PREVENT THE POSSIBILITY OF SILTING ANY ADJACENT LOW LAND PARCEL OR RECEIVING WATER.

2.A.1. STABILIZATION PRACTICES:

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A DETAILED SEQUENCE OF CONSTRUCTION FOR ALL CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL FOLLOW THE SEQUENCE OF MAJOR ACTIVITIES DESCRIBED BELOW, UNLESS THE CONTRACTOR PROPOSES A DIFFERENT SEQUENCE THAT IS EQUAL OR BETTER AT CONTROLLING EROSION AND TRAPPING SEDIMENT AND IS APPROVED BY THE ENGINEER. FOR EACH CONSTRUCTION PHASE, INSTALL PERIMETER CONTROLS AFTER CLEARING AND GRUBBING NECESSARY FOR INSTALLATION OF CONTROLS BUT BEFORE BEGINNING OTHER WORK FOR THE CONSTRUCTION PHASE. REMOVE PERIMETER CONTROLS ONLY AFTER ALL UPSTREAM AREAS ARE STABILIZED.

TEMPORARY:

✦ ARTIFICIAL COVERINGS IN ACCORDANCE WITH SPECIFICATION SECTION 104.
✦ TURF AND SOD IN ACCORDANCE WITH SPECIFICATION SECTION 104.

PERMANENT:

✦ ASPHALT OR CONCRETE SURFACE.
✦ SOD IN ACCORDANCE WITH SPECIFICATION SECTION 570 AND 575.

2.A.2. STRUCTURAL PRACTICES:

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED STRUCTURAL PRACTICES TO CONTROL OR TRAP SEDIMENT AND OTHERWISE PREVENT THE DISTURBED AREAS FROM BEING EXPOSED AREAS OF THE SITE. SEDIMENT CONTROLS SHALL BE IN PLACE BEFORE DISTURBING SOIL UPSTREAM OF THE CONTROL. THE STRUCTURAL PRACTICES SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER:

TEMPORARY:

✦ INLET PROTECTION SYSTEM IN ACCORDANCE WITH DESIGN STANDARD 102 AND SPECIFICATION SECTION 104.
✦ SEDIMENT BARRIER IN ACCORDANCE WITH DESIGN STANDARD 102 AND SPECIFICATION SECTION 104.

PERMANENT:

✦ ROADSIDE SWALES.
✦ SOD IN ROADSIDE SWALES.

2.B. STORMWATER MANAGEMENT

STORMWATER MANAGEMENT: THE PROPOSED WORK WILL NOT MODIFY THE EXISTING PATTERN OF THE STORMWATER MANAGEMENT SYSTEM. THERE WILL BE REMOVAL AND REPLACEMENT OF DRIVEWAY CULVERTS, REPLACING CULVERTS, AND INSTALLATION OF NEW INLETS, CULVERTS AND INTERMED END SECTIONS.

2.C. OTHER CONTROLS

THE CONTRACTOR SHALL PRACTICE GOOD HOUSEKEEPING BY INSTITUTING A CLEAN ORDERLY CONSTRUCTION SITE. THE FOLLOWING CONTROLS SHALL BE IMPLEMENTED TO FURTHER REDUCE POLLUTION AT THE PROJECT SITE:

2.C.1. DISCHARGE OF MATERIALS TO SURFACE WATERS:

NO CONSTRUCTION MATERIAL SHALL BE DISCHARGED TO WATERS OF THE STATE UNLESS AUTHORIZED BY A SECTION 404 PERMIT AND/OR THE STATE OF FLORIDA ENVIRONMENTAL RESOURCES PERMIT. ALL CONSTRUCTION DEBRIS SHALL BE DISPOSED OF IN AN APPROVED UP-LAND LOCATION. BUILDING MATERIAL SHALL NOT BE DISPOSED OF IN WETLANDS OR BURNED ON-SITE.

2.C.2. OFF-SITE VEHICLE TRACKING AND DUST CONTROL:

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS OF MINIMIZING OFF-SITE VEHICLE TRACKING OF SEDIMENTS AND GENERATING DUST. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER:

✦ COVERING LOADED HAIL TRUCKS WITH TARP-AULDS.
✦ REMOVING EXCESS DIRT FROM ROADS DAILY.
✦ USING ROADWAY SHEEPERS DURING DUST GENERATING ACTIVITIES SUCH AS EXCAVATION OPERATIONS.

2.C.3. WASTE DISPOSAL:

THE CONTRACTOR SHALL DEMONSTRATE THE PROPER DISPOSAL OF ALL CONSTRUCTION WASTE GENERATED WITHIN THE PROJECT LIMITS. WASTE MAY INCLUDE, BUT NOT BE LIMITED TO, VEGETATION FROM CLEARING AND GRUBBING ACTIVITIES, PACKAGING MATERIALS, SCRAP BUILDING MATERIALS, LITTER FROM TRAVELING PUBLIC, SEWAGE FROM SANITARY FACILITIES, HERBICIDES AND PESTICIDES AND THEIR CONTAINERS, AND HYDROCARBON PRODUCTS. THE CONTRACTOR SHALL DESIGNATE A WASTE COLLECTION AREA ON SITE AND DELINEATE THE AREA ON THE SUPPLY SITE MAP.

SANITARY/SEPTIC FACILITIES SHALL BE PROVIDED AND MAINTAINED IN A NEAT AND SANITARY CONDITION. FOR THE USE OF THE CONTRACTOR'S EMPLOYEES AS NECESSARY, SANITARY WASTE MANAGEMENT CONTRACTOR AS REQUIRED BY THE STATE AND LOCAL BODIES OF HEALTH. A NECESSARY SANITARY WASTE MANAGEMENT CONTRACTOR AS REQUIRED BY STATE REGULATIONS WILL COLLECT ALL SANITARY WASTE FROM THE PORTABLE UNITS. THE CONTRACTOR WILL PROVIDE LITTER CONTROL AND COLLECTION WITHIN THE PROJECT LIMITS DURING CONSTRUCTION ACTIVITIES. CONTRACTOR WILL PROVIDE AN ADEQUATE NUMBER OF LITTER CONTAINERS IN THE LITTER COLLECTION STATION. STOCKPILE, AND FIELD OFFICE AREAS. WASTE COLLECTION WILL BE CONDUCTED SO THAT CONTAINERS ARE EMPTIED PRIOR TO OVERFLOW. SPILLED LITTER CONTAINERS WILL BE CLEANED UP IMMEDIATELY.

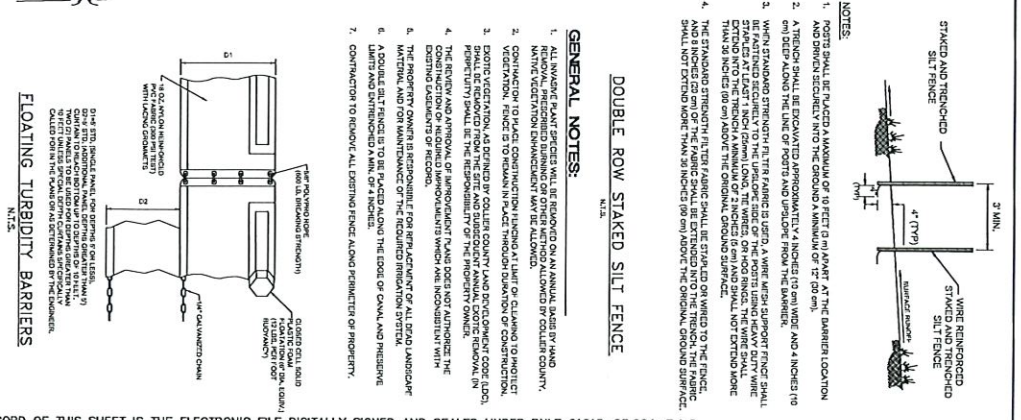
LETTER	REVISION	DATE	COLLIER BLVD. BIKE LANE	CITY OF MARCO ISLAND	H.M. HOLE MONIES LAND SURVEYING	DAVID SCHNITZ, P.E. P.E. NO.: 41871 HOLE MONIES INC. 600 WHISKEY CREEK DRIVE SEASIDE, FL 33426 CERTIFICATE OF AUTHORIZATION No. 1772	STORMWATER POLLUTION PREVENTION PLAN	DATE FILED NO PROJECT NO. 2022101	DRAWING NO. SPPP3 143
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DRAWING CURRENT AS OF: 1/02/24

THE CONTRACTOR'S RESPONSIBILITY TO DEVELOP A DETAILING SYSTEM THAT PROVIDES PRETREATMENT OF EFFLUENT PRIOR TO DISCHARGE INTO ADJACENT SURFACE WATERS. THE CONTRACTOR'S DETAILING METHOD MUST MEET ALL FEDERAL, STATE, AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING THIS PRACTICE INCLUDING THE USE OF PERMITTED OFFSHORE STRUCTURES. THIS RULE IS ONLY A PART OF THE SECTION 104 ENDSOW CONTROL PLAN. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SUBMIT TO THE ENGINEER A HAZARDOUS MATERIALS CONTROL PLAN TO BE INCLUDED IN THE SECTION 104 CONTROL PLAN.

START OF CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING PROOF OF DATE TO THE PROJECT ADMINISTRATOR.

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