

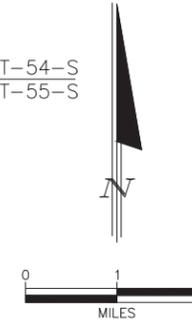
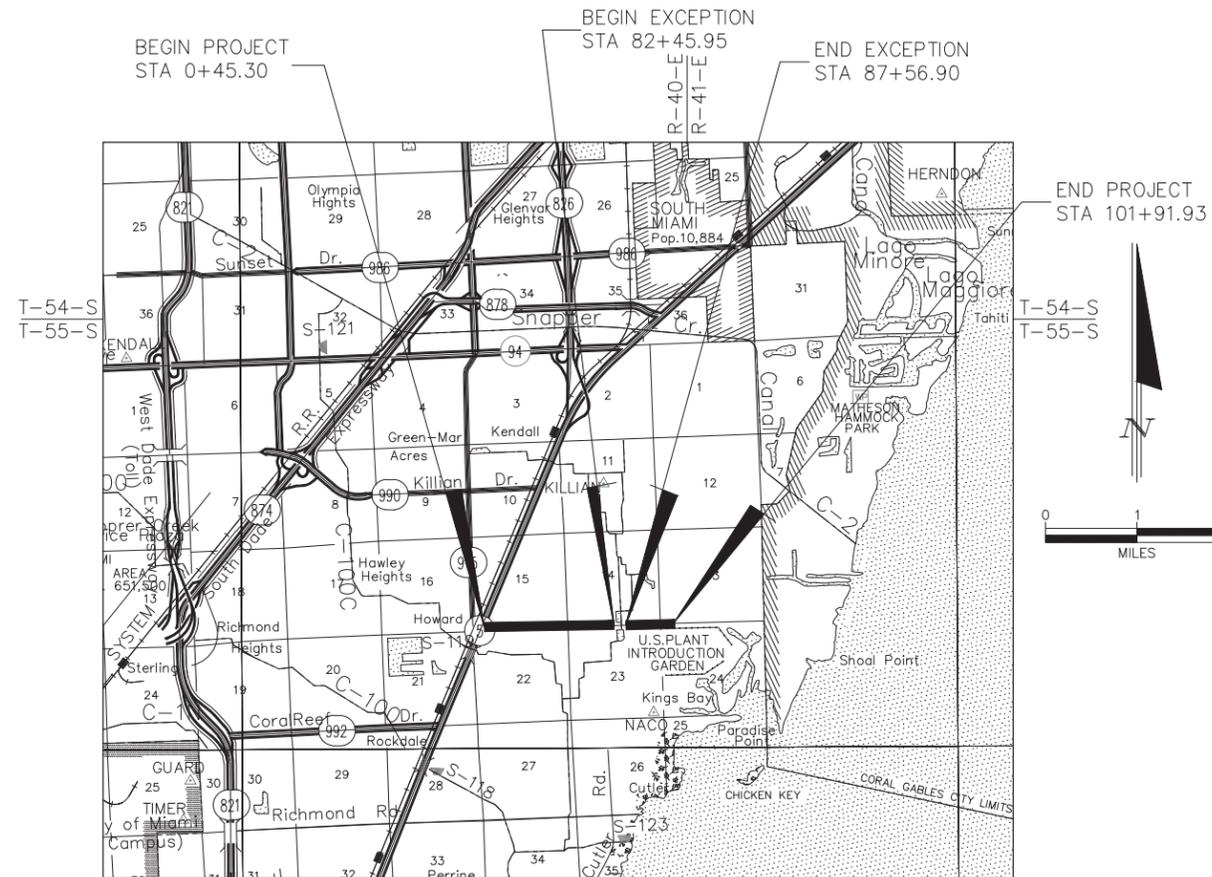
PLANS FOR PROPOSED
IMPROVEMENTS TO
SW 136TH STREET

FROM US-1 TO SW 67 COURT
MIAMI-DADE COUNTY PROJECT NO. N/A
LAP FPID No. 434-687-1-58-01

SHEET NO.	INDEX OF SHEETS
SHEET NO.	SHEET DESCRIPTION
1	COVER SHEET
1A	SIGNATURE SHEET
2	TYPICAL SECTION
3	SUMMARY OF QUANTITIES
4	GENERAL NOTES
5 - 23	ROADWAY PLAN
24 - 25	ROADWAY DETAILS
26 - 41	CROSS SECTIONS
42	TRAFFIC CONTROL PLAN
43-44	SWPPP
45	SOIL SURVEY SHEET
S-1	SUMMARY OF QUANTITIES SIGNING & PAVEMENT MARKINGS
S-2 - S-20	SIGNING & PAVEMENT MARKINGS PLAN
S-21	SIGNING & PAVEMENT MARKINGS DETAILS
S-22	GUIDE SIGNS WORKSHEET
TD-1 - TD-24	TREE DISPOSITION PLAN
PL-1 - PL-19	PLANTING PLAN
PL-20	PLANTING LIST
PL-21	PLANTING DETAILS
PL-22	PLANTING NOTES

NOTE:

ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN REDUCED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.



LENGTH OF JOB		
	LIN. FT.	MILES
ROADWAY	10,127.43	1.92
BRIDGE	-	-
GROSS LENGTH OF JOB	-	-
EXCEPTIONS	508.39	0.10
NET LENGTH OF JOB	9619.04	1.82

PREPARED FOR
MIAMI-DADE COUNTY
MIAMI-DADE COUNTY
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION

STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

BY

R.J BEHAR & COMPANY, INC.
6861 SW 196 AVE, SUITE 302
PEMBROKE PINES, FLORIDA 33332

CERTIFICATE OF AUTHORIZATION NO. 00008365
PHONE: (954) 680-7771

ENGINEER OF RECORD:

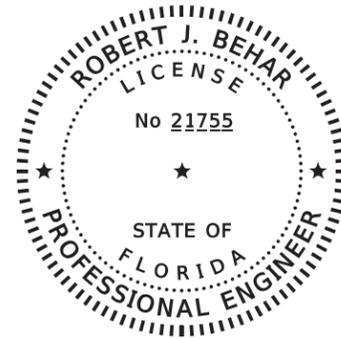
ROBERT J. BEHAR, PE
FLORIDA REGISTRATION P.E. No. 21755

100% SUBMITTAL

THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH AND ARE COVERED BY THE MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT STANDARDS AND SPECIFICATIONS PARTS 1, 2 AND 3. THE MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS. THE FLORIDA DEPARTMENT OF TRANSPORTATION ROADWAY AND TRAFFIC DESIGN STANDARDS, AND THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, AS AMENDED BY CONTRACT DOCUMENTS.



APPROVED _____	COUNTY ENGINEER
RECOMMENDED _____	ASSISTANT DIRECTOR
SUBMITTED _____	HIGHWAY DIVISION
PROPOSED _____	CHECK _____
DESIGN _____	DRAWN _____
DATE _____	SHEET 1



THIS ITEM HAS BEEN DIGITALLY
 SIGNED AND SEALED BY:
 Digitally signed by Robert
 Behar
 Date: 2020.03.19 17:46:52
 -04'00'

Robert Behar

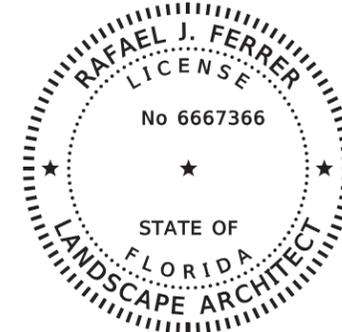
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 THE SIGNATURE MUST BE VERIFIED
 IN THE ELECTRONIC DOCUMENTS.

R.J. BEHAR & COMPANY, INC.
 6861 SW 196TH AVENUE SUITE 302
 PEMBROKE PINES, FL 33332
 CERTIFICATE OF AUTHORIZATION NO. 00008365
 ROBERT J. BEHAR, P.E. NO. 21755

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR
 THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

ROADWAY PLANS

SHEET NO.	DESCRIPTION
1	KEY SHEET
2	TYPICAL SECTION
3	SUMMARY OF QUANTITIES
4	GENERAL NOTES
5 - 23	ROADWAY PLAN
24 - 25	ROADWAY DETAILS
26 - 41	CROSS SECTIONS
42	TRAFFIC CONTROL PLAN
43-44	SWPPP
45	SOIL SURVEY SHEET
S-1	SUMMARY OF QUANTITIES
	SIGNING & PAVEMENT MARKINGS
S-2 - S-20	SIGNING & PAVEMENT MARKING PLANS
S-21	SIGNING & PAVEMENT MARKING DETAILS
S-22	GUIDE SIGN WORKSHEET



THIS ITEM HAS BEEN DIGITALLY
 SIGNED AND SEALED BY:
Rafael J Ferrer 2020.03.19
 17:42:30 -04'00'

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 IN THE ELECTRONIC DOCUMENTS.

CURTIS + ROGER DESIGN STUDIO
 7520 S RED RD. SUITE M
 SOUTH MIAMI FL, 33143
 CERTIFICATE OF AUTHORIZATION NO. LLC000241
 RAFAEL J. FERRER, L.A. NO. 6667366

THE ABOVE NAMED LANDSCAPE ARCHITECT SHALL BE RESPONSIBLE FOR THE
 FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

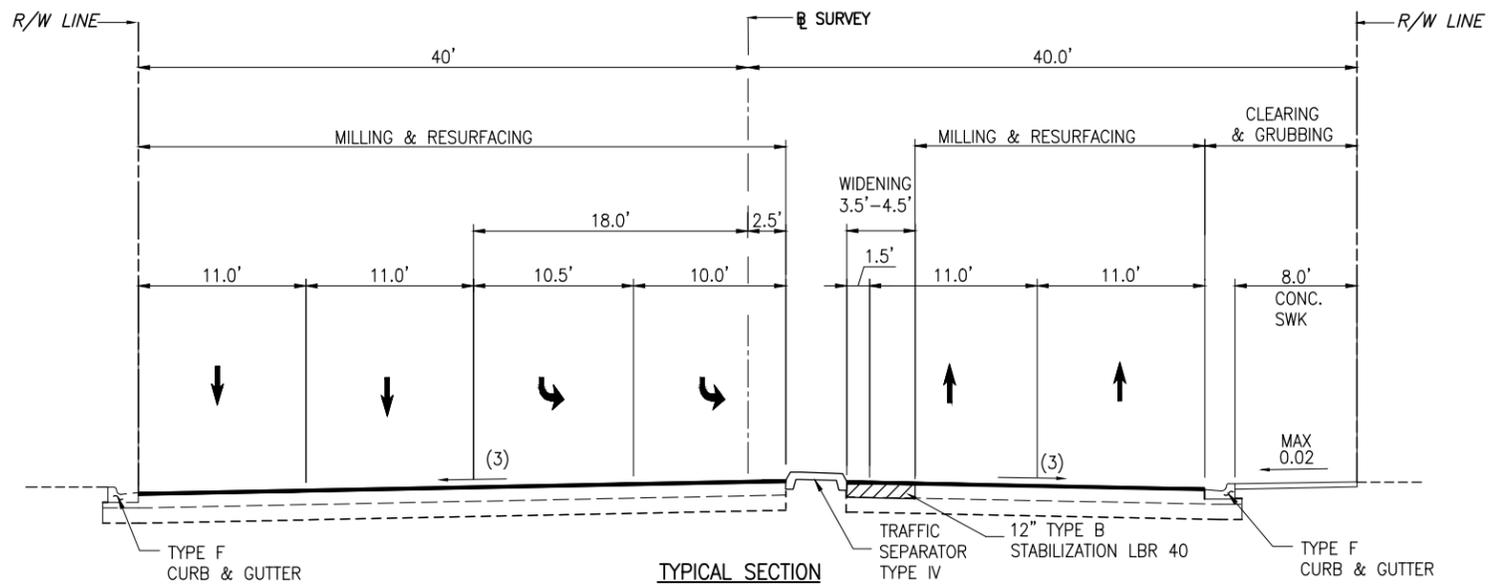
ROADWAY PLANS

SHEET NO.	DESCRIPTION
TD-1 - TD-24	TREE DISPOSITION PLAN
PL-1 - PL-19	PLANTING PLAN
PL-20	PLANTING LIST
PL-21	PLANTING DETAILS
PL-22	PLANTING NOTES

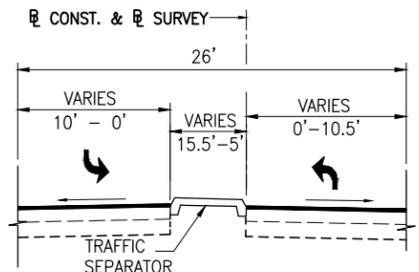
F:\19012_SW_136 Street from US 1 to Old Cutler Rd\Project\roadway\TD-Border-vcsd11to.dwg, Mar 19, 2020 - 4:50pm AMARINEZ



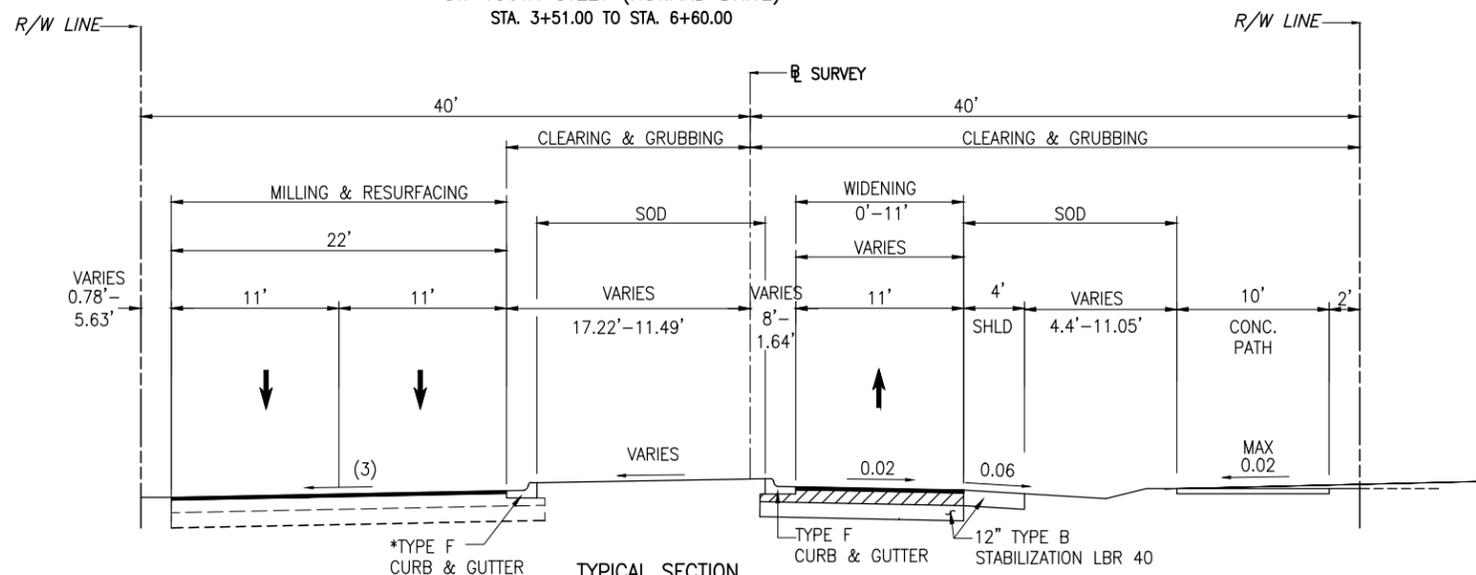
SIGNATURE SHEET



TYPICAL SECTION
 SW 136TH STEET (HOWARD DRIVE)
 STA. 0+45.30 TO STA. 6+60.00



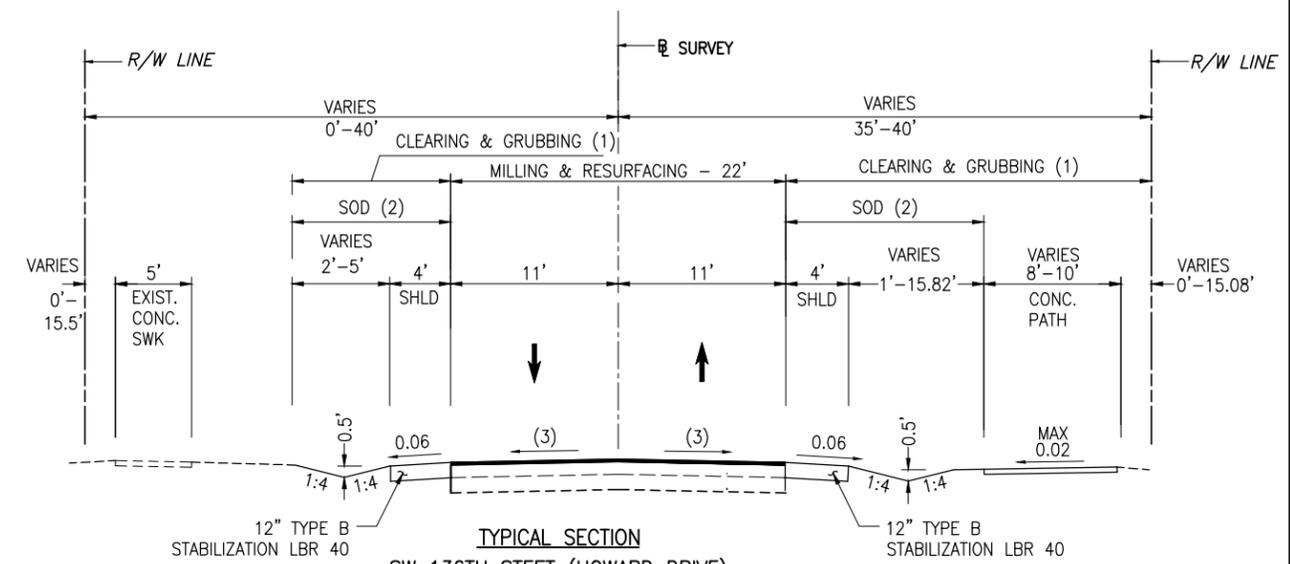
TYPICAL SECTION
 SW 136TH STEET (HOWARD DRIVE)
 STA. 3+51.00 TO STA. 6+60.00



TYPICAL SECTION
 SW 136TH STEET (HOWARD DRIVE)
 STA. 6+60.00 TO STA. 11+70.74
 *6+89.05-11+69.20
 **8+10.21-15+67.22

TYPICAL NOTES:

1. TREES IN LANDSCAPING PLANS TO REMAIN UNLESS OTHERWISE NOTED ON ROADWAY DETAIL
2. IF TREE ROOTS ARE EXPOSED, EXISTING GROUND TO REMAIN AS IT IS.
FOR SWALE DIMENSIONS SEE ROADWAY DETAIL SHEETS
3. PROPOSED ROADWAY CROSS SLOPES VARY TO MATCH EXISTING CROSS SLOPES



TYPICAL SECTION
 SW 136TH STEET (HOWARD DRIVE)
 STA. 11+70.74 TO STA. 82+45.95
 STA. 87+56.90 TO STA. 101+91.93

STA 0+45.30 - STA 29+00.00

MILLING
 MILL EXISTING ASPHALT PAVT 1" (AVG)

RESURFACING
 FRICTION COURSE FC-9.5 (1") (TRAFFIC C RUBBER)

STA 29+00.00 - STA 82+45.95
STA 87+56.90 - STA 101+91.93

MILLING
 MILL EXISTING ASPHALT PAVT 2" (AVG)

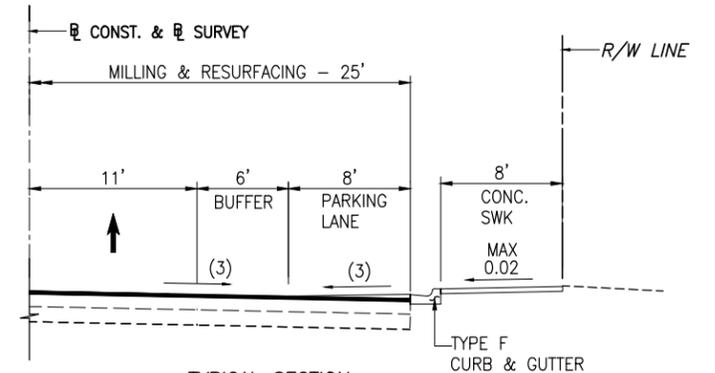
RESURFACING
 TYPE SP-9.5 (1") (TRAFFIC C)
 FRICTION COURSE FC-9.5 (1") (TRAFFIC C RUBBER)

WIDENING
 LIMEROCK BASE 8"
 TYPE SP-12.5 (2") (TRAFFIC C)
 FRICTION COURSE FC-9.5 (1") (TRAFFIC C RUBBER)

SIDE STREETS

MILLING
 MILL EXISTING ASPHALT PAVT 1" (AVG)

RESURFACING
 FRICTION COURSE FC-9.5 (1") (TRAFFIC C RUBBER)



TYPICAL SECTION
 SW 136TH STEET (HOWARD DRIVE)
 STA. 45+00.00 TO STA. 53+86.00

DESIGN SPEED 35 MPH

F:\19012_SW 136 Street from US 1 to Old Cutler Rd\Project\roadway\TYPRD01.dwg Apr 26, 2020 - 9:22am AMARINEZ

SUMMARY OF QUANTITIES

ITEM	DESCRIPTION	UNIT	TOTAL QTY.
102-1A	MAINTENANCE OF TRAFFIC (5%) (120 DAYS)	LS	1
104-18	INLET PROTECTION SYSTEM	EA	24
110-1-1B	CLEARING & GRUBBING	LS	1
110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	5,783
120-1	REGULAR EXCAVATION	CY	3,768
120-6	EMBANKMENT	CY	120
160-4	TYPE 'B' STABILIZATION (12") (MIN. C.B.R. OF 30)	SY	9,025
200-1-10	LIMEROCK BASE (8")	SY	1,040
327-70-01	MILLING EXISTING ASPHALT PAVEMENT (1" AVG)	SY	14,078
327-70-5	MILLING EXISTING ASPHALT PAVEMENT (2" AVG)	SY	25,270
350-1-1A	DRIVEWAY PAVEMENT - CONCRETE	SY	10
334-2-23-1	HOT MIX ASPHALT, TRAFFIC LEVEL C, SP-9.5 (PG 76-22)	TON	1,390
334-2-23-2	HOT MIX ASPHALT, TRAFFIC LEVEL C, SP-12.5	TON	88
337-8-32	HOT MIX ASPHALT FRICTION COURSE, TRAFFIC LEVEL C, FC-9.5, RUBBER	TON	2,208
425-1-331	INLET TYPE P-3	EA	1
425-1-365	INLET TOP TYPE P-6	EA	1
430-175-115	PIPE CULVERT, OPTIONAL MATERIAL, ROUND 15"	LF	142
440-1-20	UNDERDRAIN	LF	2,695
520-1-10B	CONCRETE CURB AND GUTTER (TYPE "F") INCLUDES BASE	LF	2,415
520-5-4	CONCRETE TRAFFIC SEPARATOR (TYPE IV) 4' WIDE, INCLUDES BASE	LF	360
520-70	CONCRETE TRAFFIC SEPARATOR (TYPE IV) VARIABLE WIDTH, INCLUDES BASE	SY	64
522-1	CONCRETE SIDEWALK (4" THICK)	SY	8,346
522-2	CONCRETE SIDEWALK (6" THICK)	SY	835
527-2	DETECTABLE WARNING ON WALKING SURFACE	S.F.	1,375
575-1-1	SODDING (PENSACOLA, BAHIA OR MATCH EXISTING) (INCLUDES WATERING)	SY	20,698
580-2-1	TREE RELOCATION	EA	2
580-3	TREE PROTECTION BARRICADES	LF	22,320
580-32-01	PALM REMOVAL (LESS THAN 12" DIAM. EACH)	EA	32
580-32-222	TREE REMOVAL (13"-24" dbh)	EA	50
580-322-5	TREE REMOVAL AND REPLACEMENT (INCLUDING WATERING) 24"-36" DBH	EA	2
580-4-42	NEW TREE PLANTING 12'-14' OA HT. TREES	EA	128

SUMMARY OF EARTHWORK

ITEM	QUANTITY
REGULAR EXCAVATION	3,768 C.Y.
FILL	121 C.Y.

- SUMMARY OF EARTHWORK IS BASED ON THE CONSTRUCTION OF LIMEROCK BASE 8" THICK AS INDICATED ON THE CROSS SECTIONS.
- ANY EXCAVATED MATERIAL IF UNSUITABLE, SHALL NOT BE USED IN THE CONSTRUCTION OF THE EMBANKMENT.
- EXCESS MATERIAL TO BE DISPOSED OF BY THE CONTRACTOR IN AREAS PROVIDED BY HIM. NO SEPARATE PAYMENT WILL BE MADE FOR THIS ITEM.

PAY ITEM NOTES

120-6 INCLUDE THE COST OF 264 CY No. 8 COARSE AGGREGATE.

GENERAL NOTES

1. B.M. DATA IS NATIONAL GEODETIC VERTICAL DATUM OF 1929 (N.G.V.D.--29).
2. ANY N.G.V.D. BENCH MARK MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED AND PROPERLY REFERENCED BY A REGISTERED--LAND SURVEYOR IN ACCORDANCE WITH THE MINIMUM TECHNICAL STANDARDS OF THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS PRIOR TO BEGINNING WORK AT THE SITE. IF ANY MONUMENT IS IN DANGER OF DAMAGE, THE PROJECT ENGINEER SHALL NOTIFY RON TAYLOR, FLORIDA DEPT. OF ENVIRONMENTAL PROTECTION (FDEP) SURVEYING AND MAPPING, 3900 COMMONWEALTH BLVD., MAIL STATION 105, TALLAHASSEE, FLORIDA 32399--3000 TELEPHONE (850) 245--2606.
3. ALL PUBLIC LAND CORNERS AND MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE PROTECTED BY THE CONTRACTOR AS FOLLOWS: CORNERS AND MONUMENTS IN CONFLICT WITH THE WORK AND IN DANGER OF BEING DAMAGED, DESTROYED, OR COVERED SHALL BE PROPERLY REFERENCED BY A REGISTERED--LAND SURVEYOR IN ACCORDANCE WITH MINIMUM TECHNICAL STANDARDS OF THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS PRIOR TO BEGINNING WORK THE AT THE SITE. THE CONTRACTOR SHALL RETAIN THE LAND SURVEYOR TO REFERENCE, AND RESTORE UPON COMPLETION OF THE WORK, ALL SUCH CORNERS AND MONUMENTS AND SHALL FURNISH TO MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT A SIGNED AND SEALED COPY OF THE LAND SURVEYOR'S REFERENCE DRAWING.
4. ALL STATIONS AND OFFSETS REFER TO CENTERLINE OF CONSTRUCTION, UNLESS OTHERWISE STATED.
5. ALL GRADES SHOWN IN PLAN ARE FINISHED GRADES.
6. THE CONTRACTOR SHALL PAINT ALL STATIONS WITH STENCILED NUMBERS ON THE FACE OF CURB WHERE CURB DOES NOT EXIST AND SHALL NOT BE CONSTRUCTED. THE CONTRACTOR SHALL MAINTAIN STATIONING WITH SURVEYING STAKES. CONTRACTOR SHALL MAINTAIN THE STATION MARKS VISIBLE UNTIL FINAL INSPECTION.
7. ALL CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT, AND ANY OTHER STATE OR LOCAL AGENCY WITH JURISDICTION. IT IS THE INTENT OF THESE PLANS TO BE IN ACCORDANCE WITH APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. ANY DISCREPANCIES BETWEEN THESE PLANS AND APPLICABLE CODES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
8. CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE EPA AND THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES).
9. THE LOCATION AND SIZE OF THE UTILITIES SHOWN IN THE PLANS ARE BASED ON THE BEST AVAILABLE INFORMATION AND SHOULD BE CONSIDERED APPROXIMATE ONLY. ADDITIONAL UTILITIES MAY EXIST WHICH ARE NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL VERIFY ALL UTILITIES BY ELECTRONIC METHODS AND BY PRE-TRENCHING IN COORDINATION WITH ALL UTILITY COMPANIES, PRIOR TO BEGINNING ANY CONSTRUCTION OPERATION. ANY AND ALL CONFLICTS OF EXISTING UTILITIES WITH PROPOSED IMPROVEMENTS MUST BE RESOLVED BY THE ENGINEER AND THE OWNER. THIS WORK BY THE CONTRACTOR SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
10. PLEASE CALL MR. MIKE WHITLING AT 305-375-2655 CONCERNING SURVEY RELATED QUESTIONS.
11. EXISTING TOPOGRAPHIC INFORMATION WAS OBTAINED FROM SURVEY PREPARED BY MIAMI-DADE COUNTY.
12. CONTRACTOR SHALL CONTACT SUNSHINE STATE ONE-CALL AT 1-(800)-432-4770 AT LEAST 48 HOURS PRIOR TO PERFORMING ANY DIGGING TO VERIFY THE EXACT LOCATION OF EXISTING UTILITIES. A CONTRACTOR'S REPRESENTATIVE MUST BE PRESENT WHEN UTILITY COMPANIES LOCATE THEIR FACILITIES.
14. KNOWN UTILITY COMPANIES IN THE PROJECT LIMITS INCLUDE, BUT ARE NOT LIMITED TO:

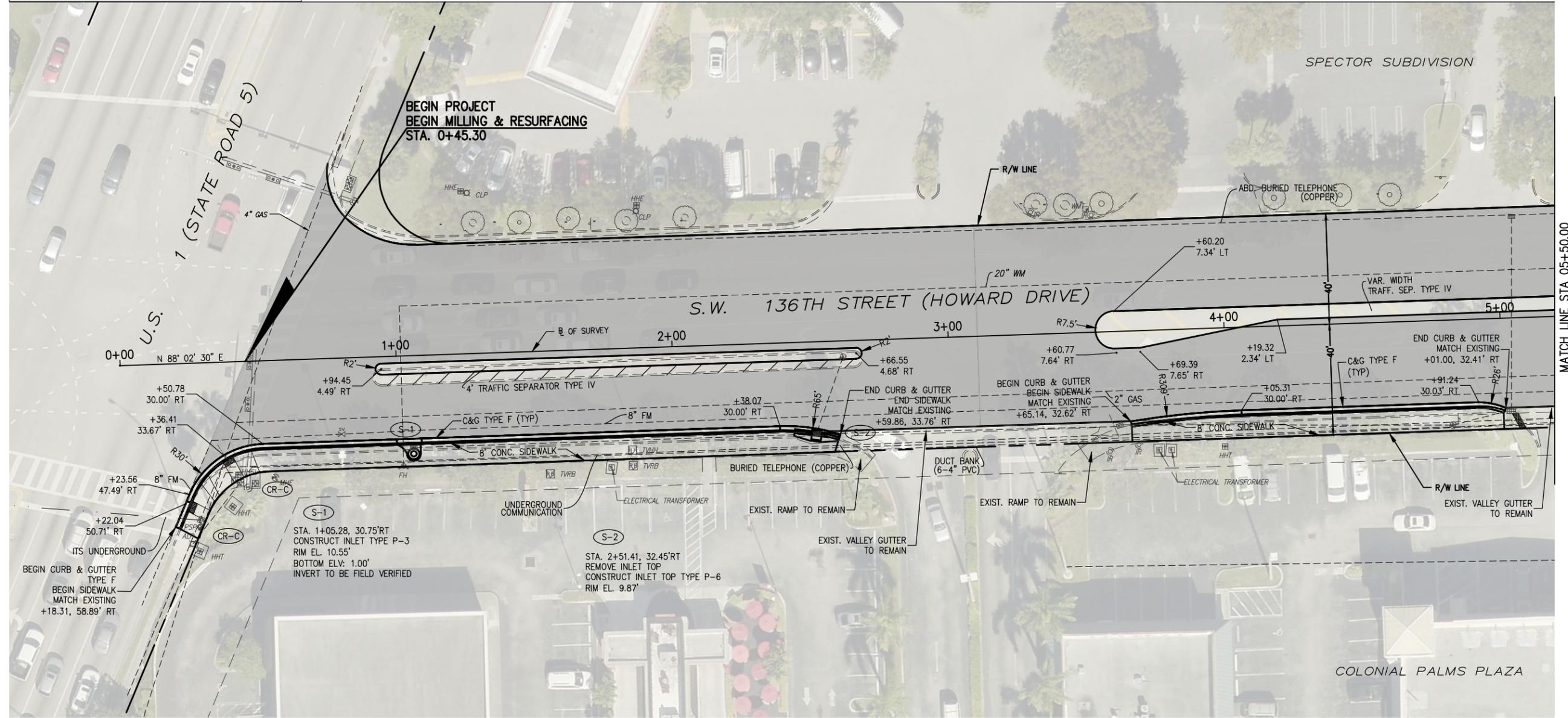
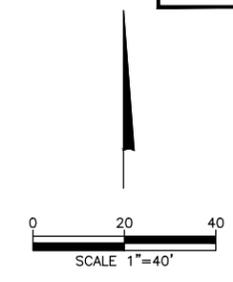
UTILITY OWNER	CONTACT	TELEPHONE NUMBER
Comcast	Leonard Maxwell-Newbold	954-444-5113
Florida City Gas	Gustavo Pena	305-835-3624
Dade County Public Works and Traffic	Octavio Vidal	305-412-0891 Ext: 201
FDOT VIITS	Thomas Miller	305-470-5757 Ext 7352
Florida Gas Transmission	Joseph E. Sanchez	407-838-7171
FPL-Dade	Edgar Aguilar	386-586-6403
Miami Dade Water & Sewer	Sergio Garcia	786-268-5320
AT&T Distribution	Dino Farruggio	561-997-0240
Fdot Lighting	Patrick Marchant	305-470-5214
15. MIAMI-DADE WATER AND SEWER DEPARTMENT REQUIRES THAT ACCESS TO ALL WATER AND SEWER VALVES, SANITARY MANHOLES, AND OTHER CONTROL MECHANISMS BE MAINTAINED THROUGHOUT CONSTRUCTION IN THE EVENT OF AN EMERGENCY TO ENSURE THE PUBLIC HEALTH AND SAFETY. COVERING VALVE BOXES AND MANHOLES CAN BE CONSIDERED UNAUTHORIZED OBSTRUCTION OF AND TAMPERING WITH DEPARTMENT UTILITIES. ALL REQUESTS FOR UTILITY ADJUSTMENTS MUST BE MADE IN WRITING AT LEAST TWO (2) WEEKS IN ADVANCE. FOR MANHOLE AND VALVES, CONTACT THE CONSTRUCTION MANAGEMENT SECTION, PUMP STATIONS UNIT, 3071 SW 38 AVENUE, FAX NO. 305-668-3626. THE DEPARTMENT WILL MAKE ONE FINAL AND PERMANENT ADJUSTMENT AT NO COST TO THE REQUESTING AGENCY. FOR THE ADJUSTMENT OF WATER METERS, CONTACT THE CHIEF OF METER OPERATIONS AND MAINTENANCE, FAX NO. 305-545-3482. FOR ANY FIRE HYDRANTS THAT ARE DAMAGED OR BUMPED DURING CONSTRUCTION, CONTACT THE MDWASD HYDRANT SHOP AT 305-805-4575 BEFORE POURING CONCRETE FOR THE SIDEWALK. IN THE EVENT OF A WATER OR SEWER EMERGENCY, CONTACT MIAMI DADE WATER AND SEWER DEPARTMENT AT 305-274-9272. THIS LINE IS OPEN 24 HOURS, 7 DAYS A WEEK.
16. THE CONTRACTOR IS ADVISED THAT PROPERTIES ADJACENT TO THE PROJECT HAVE ELECTRIC, TELEPHONE, GAS, WATER, AND/OR SEWER SERVICE LATERALS WHICH MAY NOT BE SHOWN IN PLANS. THE CONTRACTOR MUST REQUEST THE LOCATION OF THESE LATERAL SERVICES FROM THE UTILITY COMPANIES. THE ADDITIONAL COST OF EXCAVATING, INSTALLING, BACKFILLING, AND COMPACTING AROUND THESE LATERAL SERVICES MUST BE INCLUDED IN THE BID RELATED ITEM FOR THE WORK BEING DONE.
17. ANY DAMAGE TO PUBLIC OR PRIVATE PROPERTY SHALL BE RESTORED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
18. ANY ENCROACHMENT WITHIN THE LIMITS OF CONSTRUCTION SHALL BE RELOCATED OR PROTECTED BY THE ADJACENT PROPERTY OWNER AT THEIR EXPENSE.
19. CLEARING AND GRUBBING, GRADING AND OTHER INCIDENTAL WORK NECESSARY FOR HARMONIZATION OUTSIDE R/W SHALL BE INCLUDED IN RELATED BID ITEMS.
20. ALL GRASS AREAS AFFECTED BY CONSTRUCTION SHALL BE SODDED.
21. THE CONTRACTOR SHOULD TAKE SPECIAL NOTE OF SOIL CONDITIONS THROUGHOUT THIS PROJECT. ANY SPECIAL SHORING, SHEETING OR OTHER PROCEDURES NECESSARY TO PROTECT ADJACENT PROPERTY, PUBLIC OR PRIVATE, DURING THE EXCAVATION OF SUBSOIL MATERIAL AND EXFILTRATION TRENCH, OR FILLING OF ANY AREA, OR FOR ANY OPERATION DURING CONSTRUCTION, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
22. IF SHEETING, SHORING, OR DEWATERING, INCLUDING WELL POINTS ARE NECESSARY, THE CONTRACTOR MUST MONITOR AND CONTROL ALL WORK THAT MAY CAUSE CRACKING TO ANY ADJACENT BUILDING, STRUCTURE, OR PROPERTY AREA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES CAUSED BY THESE OPERATIONS. COST OF SHEETING, SHORING, OR DEWATERING SHALL BE INCLUDED IN THE RELATED BID ITEM FOR THE WORK BEING DONE.
23. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE DEWATERING PERMIT. COST OF THE PERMIT AND DEWATERING SHALL BE INCLUDED IN THE THE RELATED BID ITEM FOR THE WORK BEING DONE.
24. THE CONTRACTOR WILL RESTRICT PERSONNEL, THE USE OF EQUIPMENT, AND THE STORAGE OF MATERIALS TO AREAS WITHIN THE LIMITS OF CONSTRUCTION AND DESIGNATED STAGING AREA.
25. ALL DITCH EXCAVATIONS SHALL BE PERFORMED IN FULL COMPLIANCE WITH THE PROVISIONS OF THE TRENCH SAFETY ACT.
26. ALL EXCESS MATERIAL, AS DESIGNATED BY THE ENGINEER, IS TO BE DISPOSED BY THE CONTRACTOR IN AREAS PROVIDED BY HIM WITHIN 72 HOURS OF BEING DEPOSITED IN THE CONSTRUCTION AREA AND AT THE CONTRACTOR'S EXPENSE.
27. ALL DISPOSAL OF MATERIALS, RUBBISH, AND DEBRIS SHALL BE MADE AT A 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 OF SATISFACTORILY.
28. ANY KNOWN OR SUSPECTED HAZARDOUS MATERIAL FOUND ON THE PROJECT BY THE CONTRACTOR SHALL BE IMMEDIATELY REPORTED TO THE PROJECT ENGINEER, WHO SHALL DIRECT THE CONTRACTOR TO PROTECT THE AREA OF KNOWN OR SUSPECTED CONTAMINATION FROM FURTHER ACCESS. THE ENGINEER WILL ARRANGE FOR INVESTIGATION, IDENTIFICATION, AND REMEDIATION OF THE HAZARDOUS MATERIAL. THE CONTRACTOR SHALL NOT RETURN TO THE AREA OF CONTAMINATION UNTIL APPROVAL IS PROVIDED BY THE PROJECT ENGINEER.
29. EXISTING ABOVE GROUND FEATURES ARE SHOWN ACCORDING TO THE BEST AVAILABLE DATA AND MAY NOT ACCURATELY REFLECT PRESENT CONDITIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH CURRENT SITE CONDITIONS, AND SHALL REPORT DISCREPANCIES TO THE ENGINEER PRIOR TO STARTING WORK.
30. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING TREES, STRUCTURES AND UTILITIES, WHICH MAY NOT BE SHOWN ON PLANS. ANY STRUCTURE, PAVEMENT, TREES OR OTHER EXISTING IMPROVEMENT NOT SPECIFIED FOR REMOVAL WHICH IS DAMAGED, EXPOSED OR IN ANY WAY DISTURBED BY CONSTRUCTION PERFORMED UNDER THIS CONTRACT, SHALL BE REPAIRED, PATCHED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.
31. CONTRACTOR TO RELOCATE TREES AS DIRECTED BY THE ENGINEER. CONTRACTOR SHALL AVOID DAMAGE TO ANY EXISTING TREES TO REMAIN. EXISTING TREES SHALL BE REMOVED ONLY IF REQUIRED FOR CONSTRUCTION. THOSE TREES NOT INTERFERING WITH CONSTRUCTION SHALL BE PROTECTED IN PLACE.
32. 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 THE WORK.
33. WHEN DISSIMILAR MATERIAL CONNECTIONS ARE MADE, SUCH AS CONCRETE TO METAL, THE DISSIMILAR MATERIAL SHALL BE SEPARATED BY COATING THE CONTACT SURFACE WITH BITUMASTIC MATERIAL.
34. PRIOR TO CONSTRUCTION THE CONTRACTOR WILL INSPECT ALL EXISTING STRUCTURES WHICH ARE TO REMAIN AND NOTIFY THE ENGINEER OF ANY OBVIOUS STRUCTURAL DEFICIENCIES.
35. CONTRACTOR SHALL ADJUST ALL EXISTING CATCH BASINS, GRATES, AND STORM MANHOLE COVERS TO MEET NEW GRADES WHERE APPLICABLE.
36. RADII ON CURB RETURNS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
37. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION, INSTALLATION, AND MAINTENANCE OF ALL TRAFFIC CONTROL AND SAFETY DEVICES, IN ACCORDANCE WITH SPECIFICATIONS OUTLINED IN THE PUBLIC WORKS DEPARTMENT MANUAL, THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, AND THE FDOT DESIGN STANDARDS.
38. WHERE NEW PAVEMENT MEETS EXISTING, CONNECTION SHALL BE MADE IN A NEAT STRAIGHT LINE AND FLUSH WITH THE EXISTING PAVEMENT.
39. THE LOCATION OF SOME DRIVEWAYS IS APPROXIMATE. VERIFICATION OF EXACT LOCATION AND DIMENSIONS IS RECOMMENDED.
40. EXISTING DRIVEWAYS WITHIN THE LIMITS OF THIS PROJECT ARE TO BE REPLACED AT THE SAME LOCATION AND WIDTH, UNLESS OTHERWISE SHOWN IN PLANS.
41. WHERE CONNECTIONS TO EXISTING SIDEWALKS AND DRIVEWAYS ARE NOT INDICATED ON PLANS, PROPER CONNECTIONS ARE TO BE MADE AS DIRECTED BY THE ENGINEER.
42. CONTRACTOR TO INSTALL 1/2" PREFORMED EXPANSION JOINT WHEN PROPOSED SIDEWALK IMPROVEMENTS IS IMMEDIATELY ADJACENT TO EXISTING CONCRETE SLAB AND/OR BUILDING.
43. THE SIDEWALK AT DRIVEWAY TURNOUTS SHALL BE 6" CONCRETE.
44. ALL BUS STOP SIGNS TO BE FURNISHED BY MIAMI-DADE TRANSIT. ENGINEER TO CONTACT MIAMI-DADE COUNTY TRANSIT AT (305)637-3753 ONE (1) WEEK PRIOR TO POURING SIDEWALKS AND COORDINATE THE REMOVAL AND REPLACEMENT OF BUS STOP SIGNS AND BENCHES.
45. DESIGN WATER TABLE ELEVATION: 3.00 FT (NGVD)
46. MIAMI-DADE COUNTY FLOOD CRITERIA ELEVATION: 10.00 FT (NAVD)
47. THE INFORMATION PROVIDED IN THESE DRAWINGS IS SOLELY TO ASSIST THE CONTRACTOR IN ASSESSING THE NATURE AND EXTENT OF CONDITIONS WHICH WILL BE ENCOUNTERED DURING THE COURSE OF WORK. THE CONTRACTORS ARE DIRECTED, PRIOR TO BIDDING, TO CONDUCT WHATEVER INVESTIGATIONS THEY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSION REGARDING THE ACTUAL CONDITIONS THAT WILL BE ENCOUNTERED, AND UPON WHICH BIDS WILL BE BASED.
48. CONTRACTOR SHALL CONTACT THE FDOT MAINTENANCE OFFICE TO ARRANGE FOR THE FINAL ACCEPTANCE INSPECTION OF THE AREA OF THE PROJECT ADJACENT TO SR-5/US-1
49. THE FOLLOWING FEDERAL AND STATE LISTED ANIMAL SPECIES COULD INHABIT OR MIGRATE THROUGH THE CONSTRUCTION AREA: FLORIDA BONNETED BAT (ENDANGERED), AMERICAN CROCODILE (THREATENED), PIPING PLOVER (THREATENED), WEST INDIAN MANATEE (THREATENED), WOOD STORK (THREATENED), EASTERN INDIGO SNAKE (THREATENED).
50. ALL EXISTING VALVE BOX TOPS, WATER METERS AND MANHOLE TOPS WITHIN THE PROJECT LIMITS, NEED TO BE ADJUSTED BY UTILITY OWNERS.
51. IMPACTED DRIVEWAYS BY THE SHARED USE PATH, MUST BE REPLACED WITH INKIND MATERIALS.
52. ALL IMPROVEMENTS ARE TO BE CONSTRUCTED AND/OR INSTALLED WITHIN EXISTING STATE AND/OR LOCAL RIGHT OF WAY.

F:\19012_SW 136 Street from US 1 to Old Cutler Rd\Project\roadway\gmtrd01.dwg Mar 04, 2020 - 4:57pm AMARINEZ



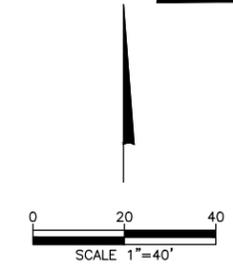
GENERAL NOTES

CAUTION: GAS MAIN IN AREA OF CONSTRUCTION

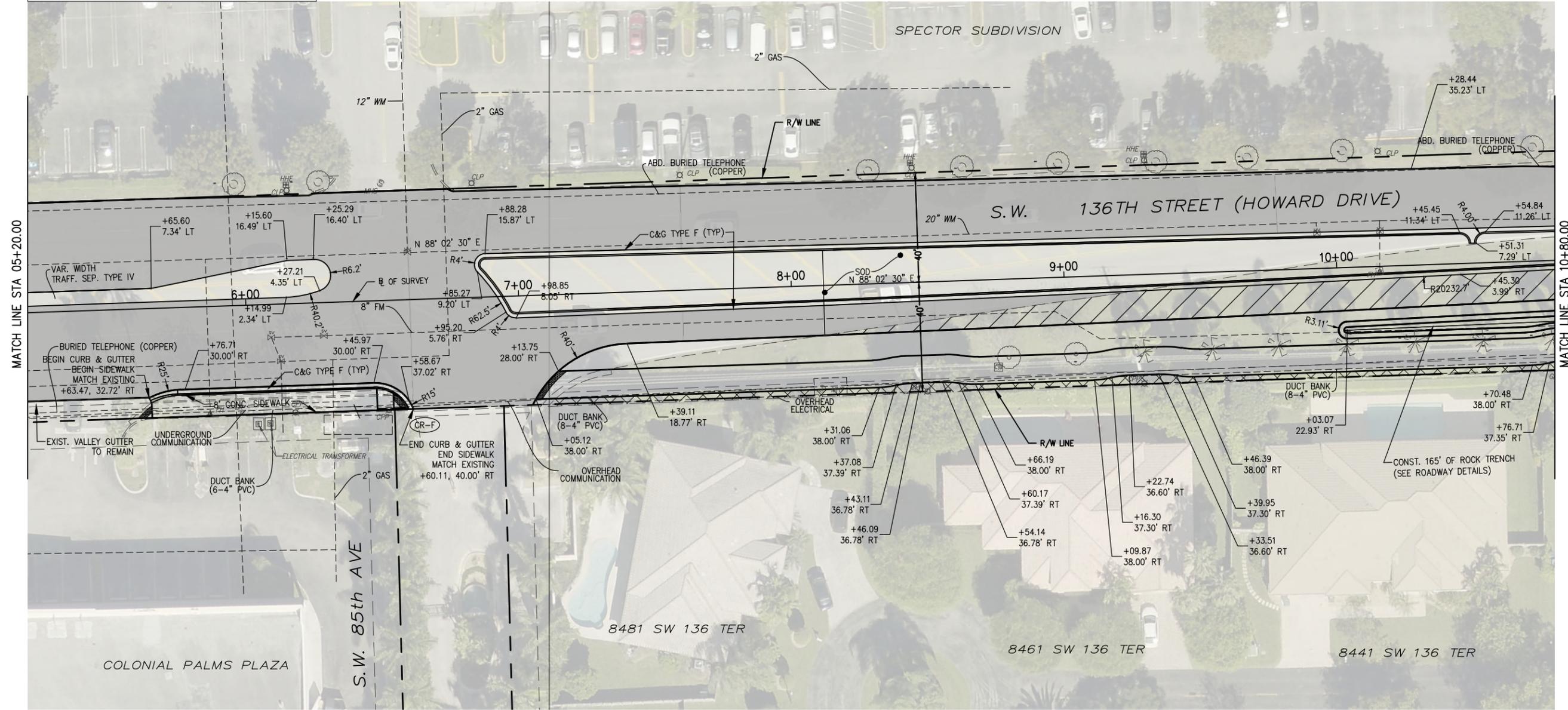


- LEGEND:**
-  WIDENING
 -  SIDEWALK REMOVAL
 -  MILLING AND RESURFACING LIMITS
 -  SWALES
 -  DETECTABLE WARNING

F:\19012_SW 136 Street from US 1 to Old Cutler Rd\Project\roadway\planrd01.dwg Apr. 26, 2020 - 9:15am AMARINEZ



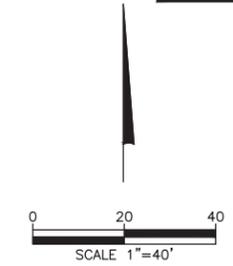
CAUTION: GAS MAIN IN AREA OF CONSTRUCTION



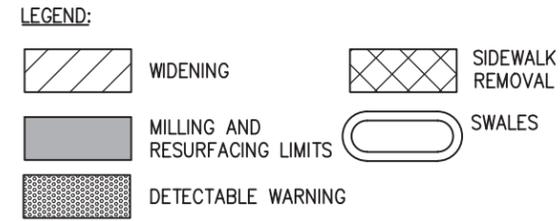
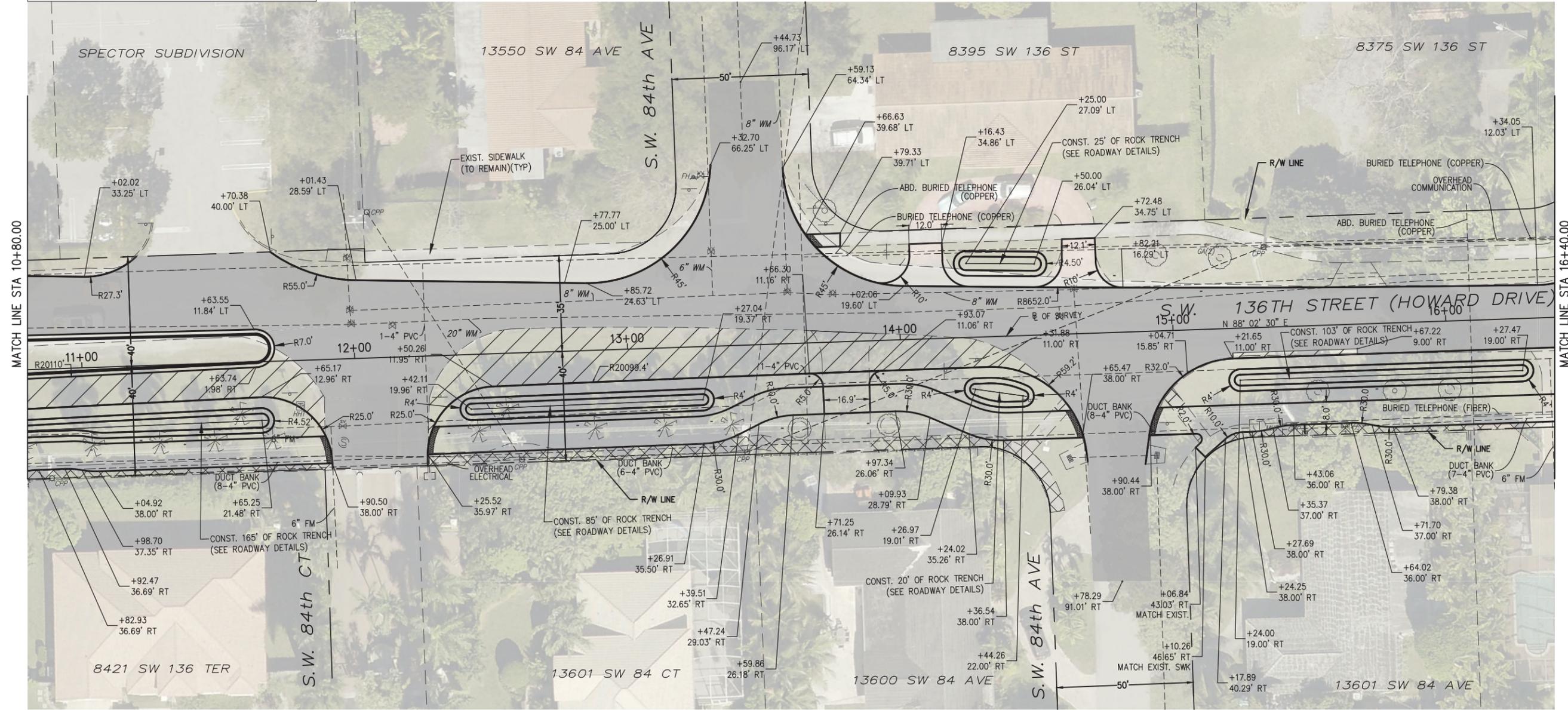
LEGEND:

	WIDENING		SIDEWALK REMOVAL
	MILLING AND RESURFACING LIMITS		SWALES
	DETECTABLE WARNING		

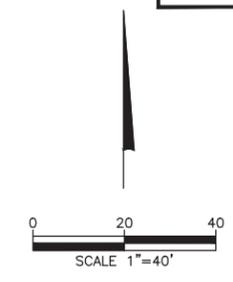
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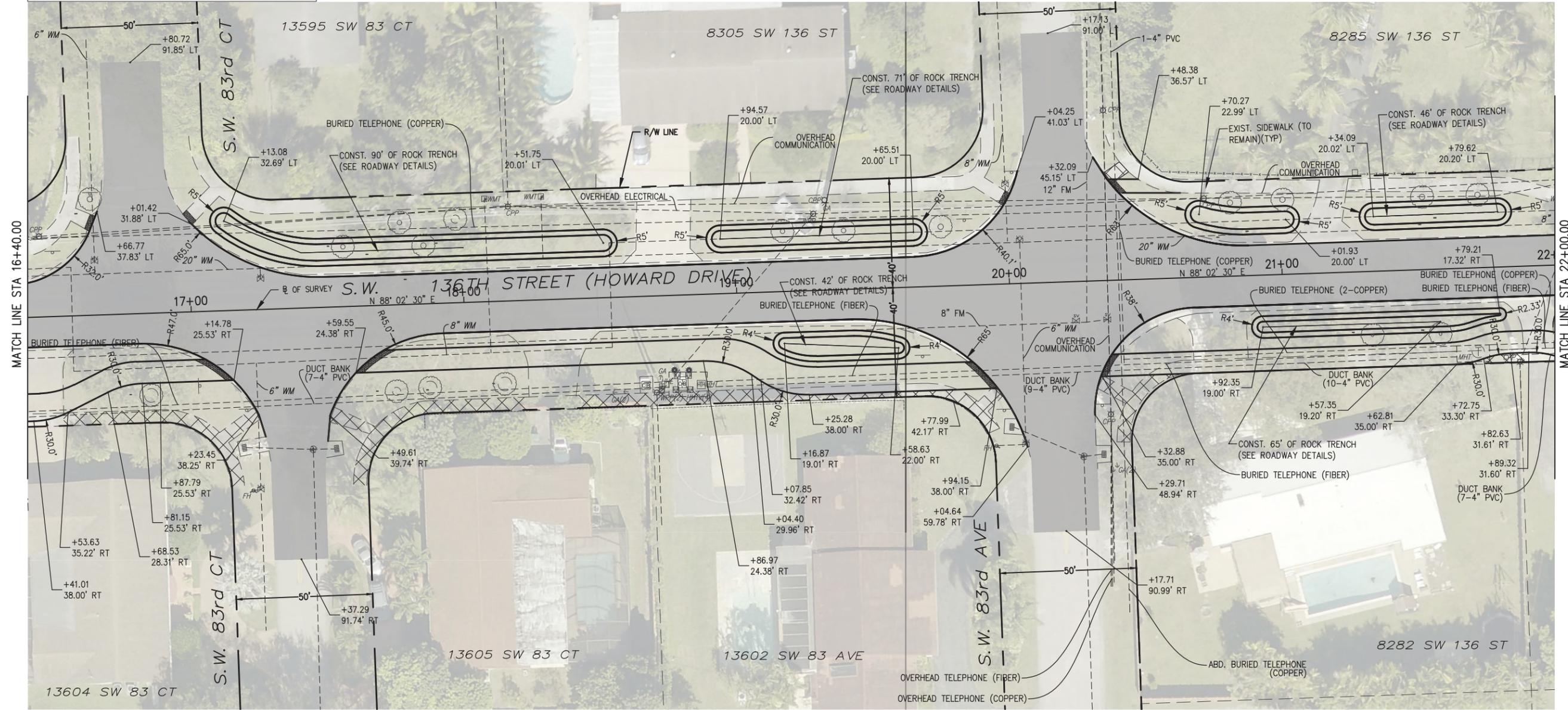
CAUTION: GAS MAIN IN AREA OF CONSTRUCTION



F:\19012_SW 136 Street from US 1 to Old Cutler Rd\Project\roadway\plan\rd03.dwg Mar. 24, 2020 - 4:15pm AMARINEZ



CAUTION: GAS MAIN IN AREA OF CONSTRUCTION

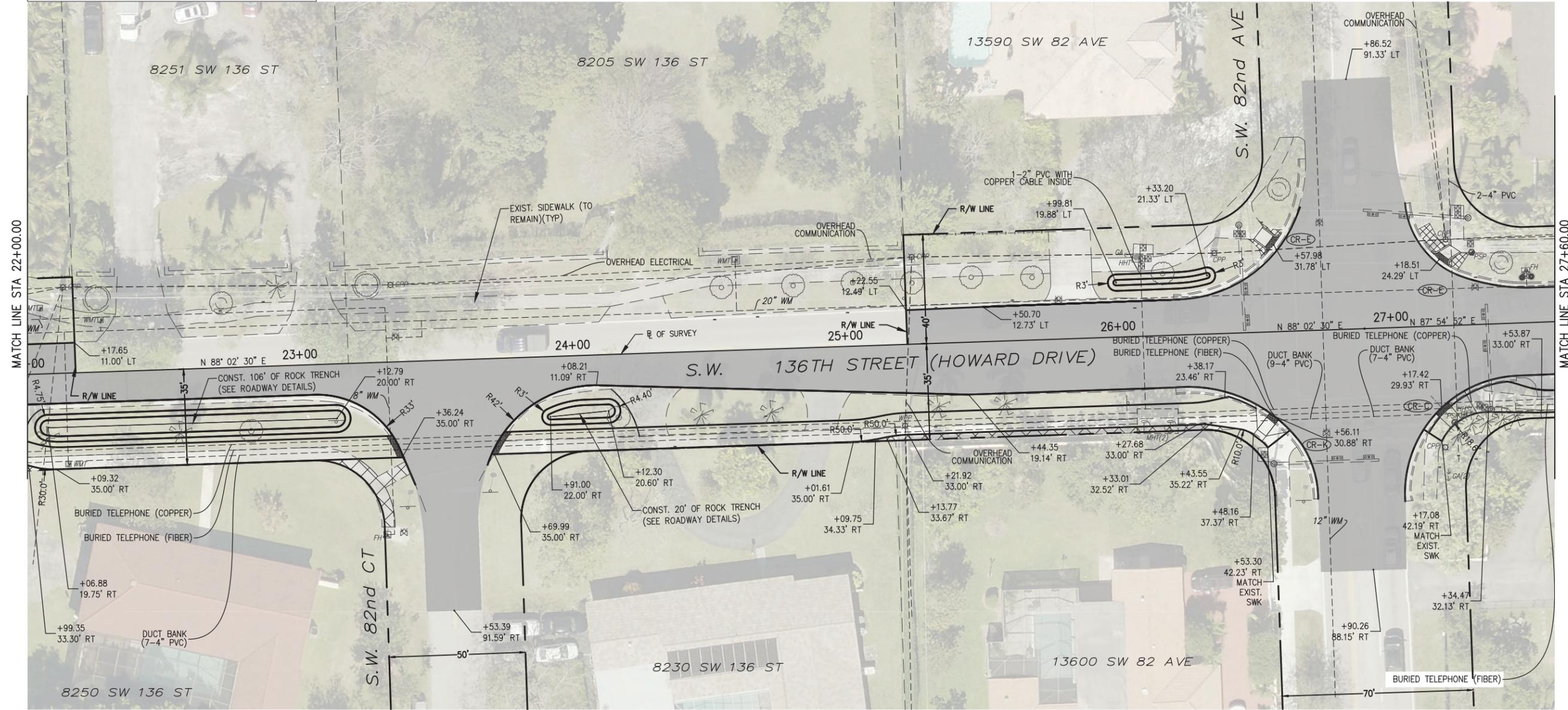
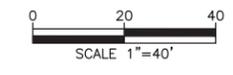


LEGEND:

	WIDENING		SIDEWALK REMOVAL
	MILLING AND RESURFACING LIMITS		SWALES
	DETECTABLE WARNING		

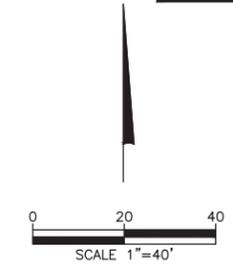
F:\19012_SW 136 Street from US 1 to Old Cutler Rd\Project\roadway\plan\road04.dwg Apr. 16, 2020 - 1:14pm AMARINEZ

CAUTION: GAS MAIN IN AREA OF CONSTRUCTION

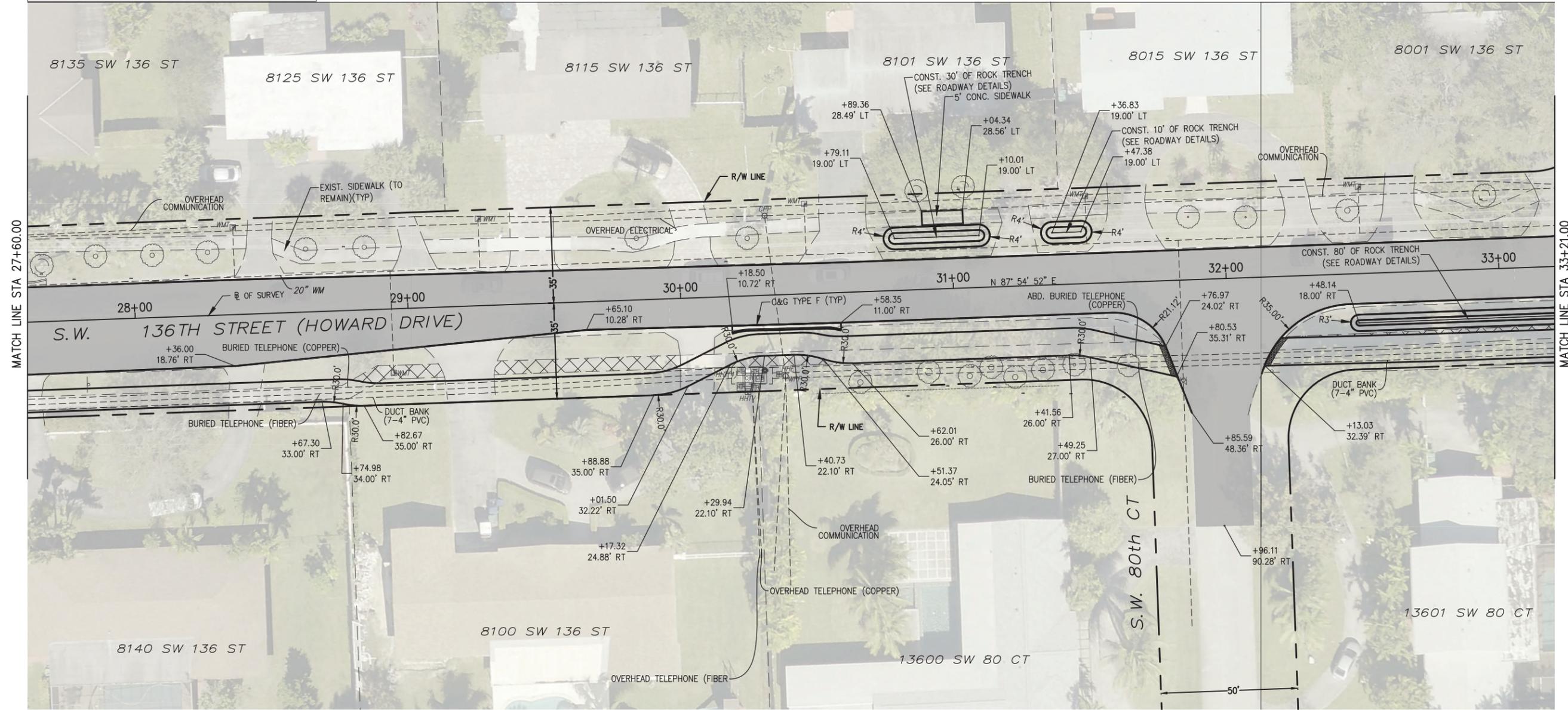


- LEGEND:**
- WIDENING
 - SIDEWALK REMOVAL
 - MILLING AND RESURFACING LIMITS
 - DETECTABLE WARNING
 - SWALES

F:\19012_SW 136 Street from US 1 to Old Cutler Rd\Project\roadway\plan\05.dwg Mar 04, 2020 - 4:56pm AMARINEZ



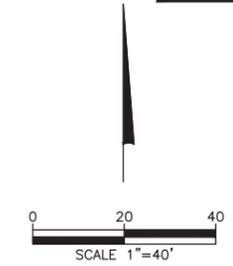
CAUTION: GAS MAIN IN AREA OF CONSTRUCTION



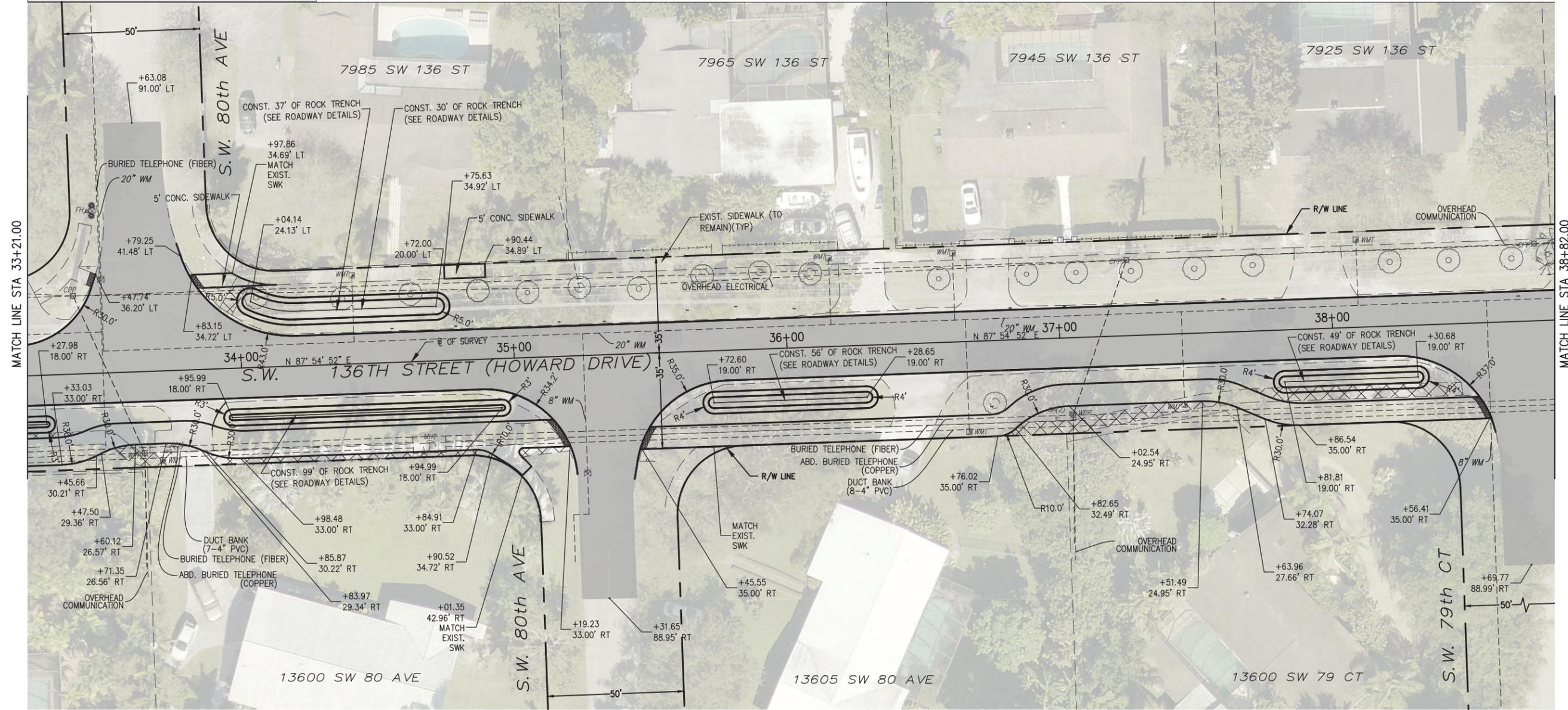
LEGEND:

	WIDENING		SIDEWALK REMOVAL
	MILLING AND RESURFACING LIMITS		SWALES
	DETECTABLE WARNING		

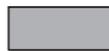
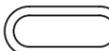
F:\19012_SW 136 Street from US 1 to Old Cutler Rd\Project\roadway\plan\rd06.dwg Mar 04, 2020 - 4:59pm AMARINEZ



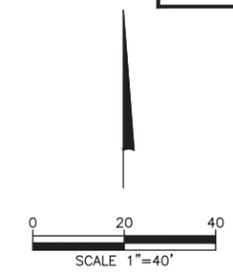
CAUTION: GAS MAIN IN AREA OF CONSTRUCTION



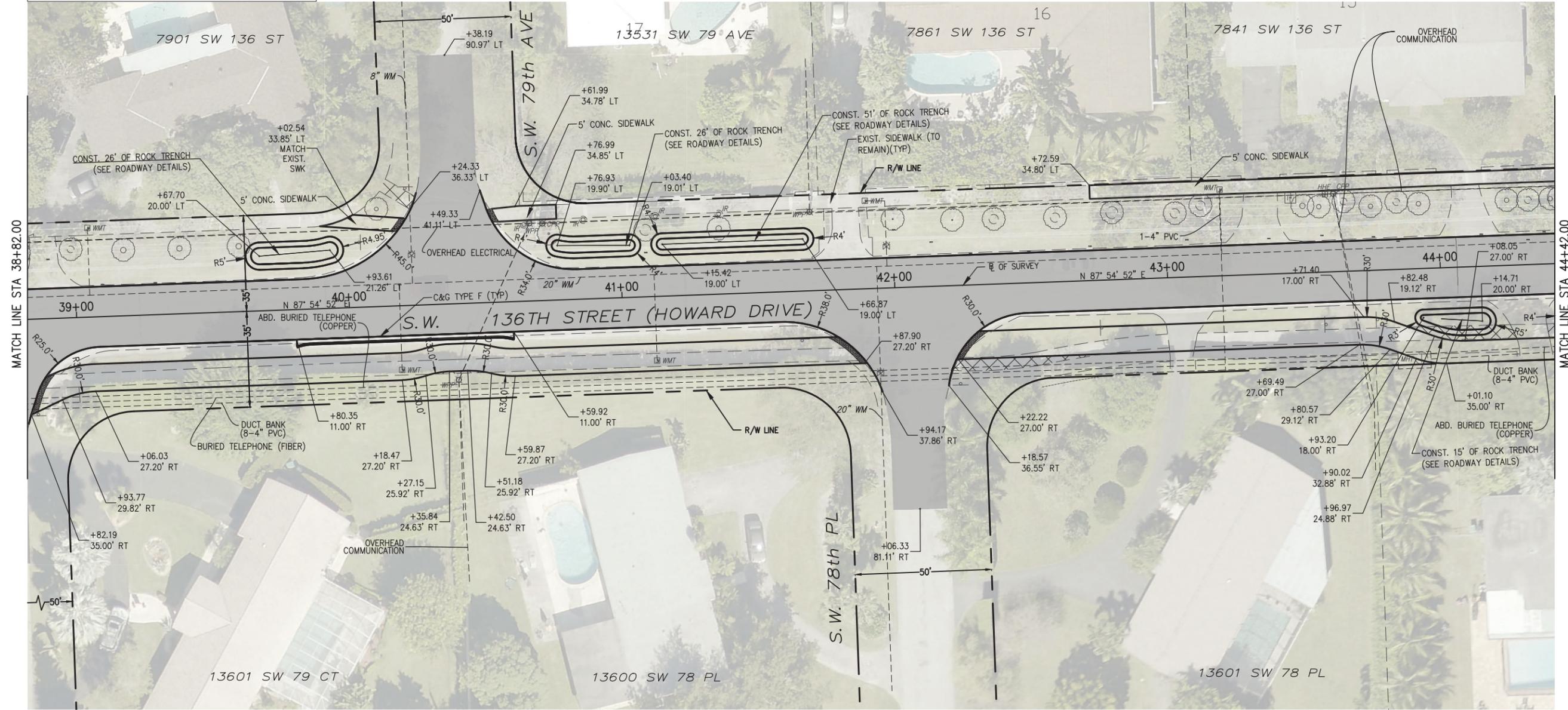
LEGEND:

 WIDENING	 SIDEWALK REMOVAL
 MILLING AND RESURFACING LIMITS	 SWALES
 DETECTABLE WARNING	

F:\19012_SW 136 Street from US 1 to Old Cutler Rd\Project\roadway\planrd07.dwg Mar 04, 2020 - 4:59pm AMARINEZ

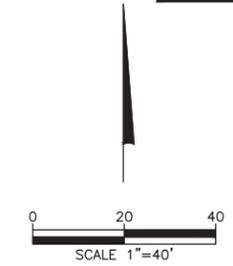


CAUTION: GAS MAIN IN AREA OF CONSTRUCTION

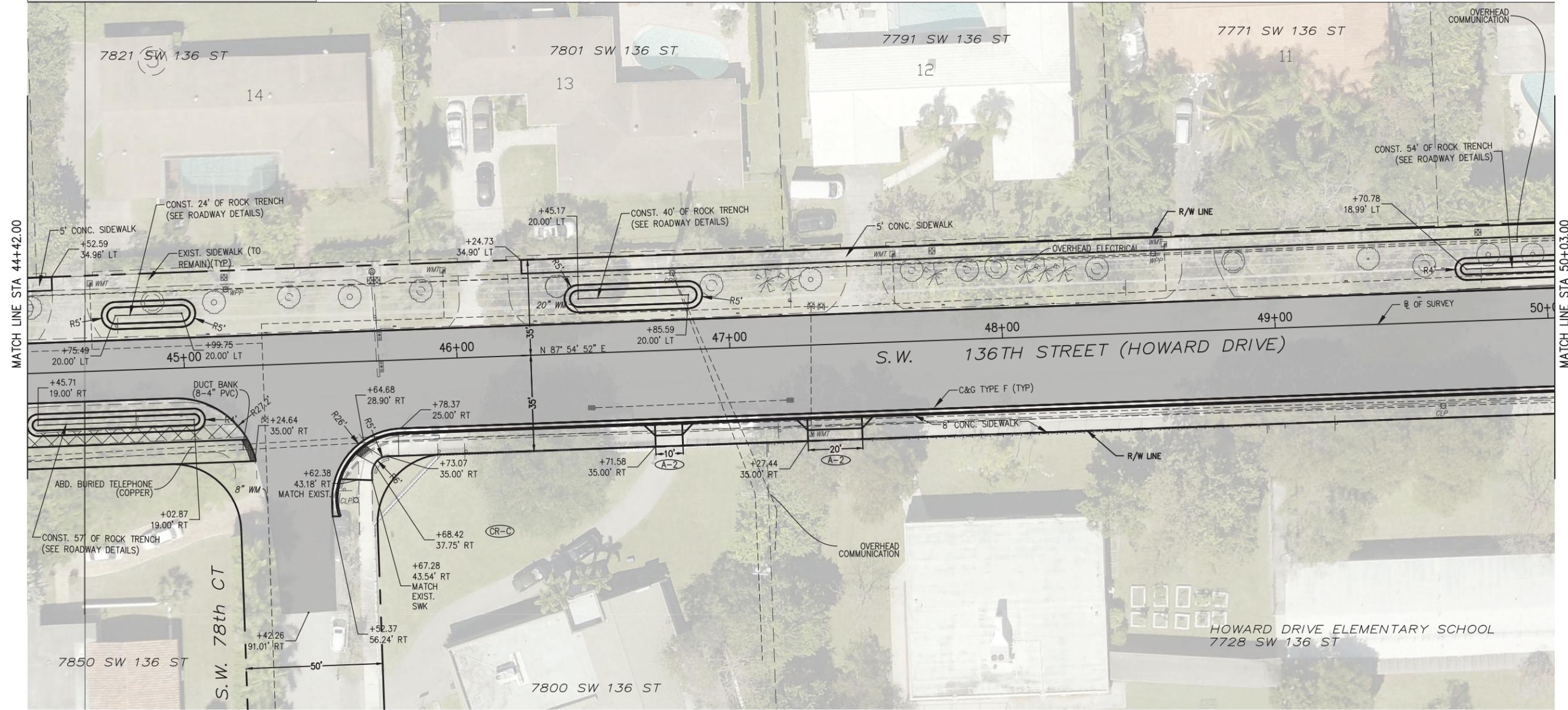


- LEGEND:**
- WIDENING
 - SIDEWALK REMOVAL
 - MILLING AND RESURFACING LIMITS
 - SWALES
 - DETECTABLE WARNING

F:\19012_SW 136 Street from US 1 to Old Cutler Rd\Project\roadway\plan\08.dwg Mar 04, 2020 - 4:59pm AMARINEZ



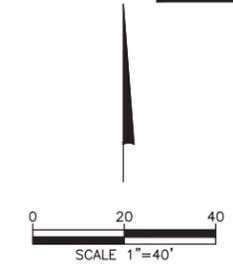
CAUTION: GAS MAIN IN AREA OF CONSTRUCTION



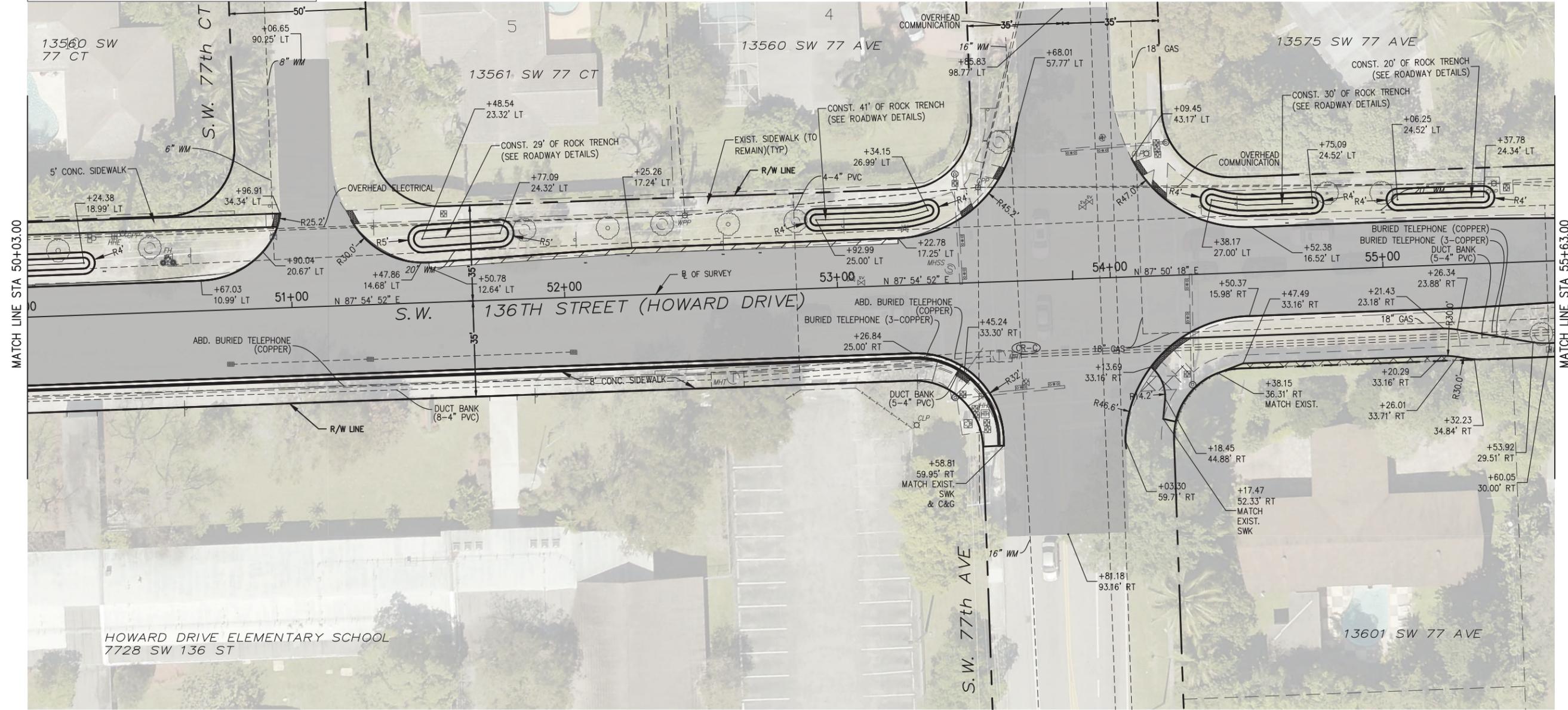
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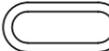
	WIDENING		SIDEWALK REMOVAL
	MILLING AND RESURFACING LIMITS		SWALES
	DETECTABLE WARNING		

F:\19012_SW 136 Street from US 1 to Old Cutler Rd\Project\roadway\plan\09.dwg Mar 04, 2020 - 5:00pm AMARINEZ

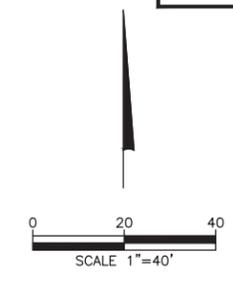


CAUTION: GAS MAIN IN AREA OF CONSTRUCTION

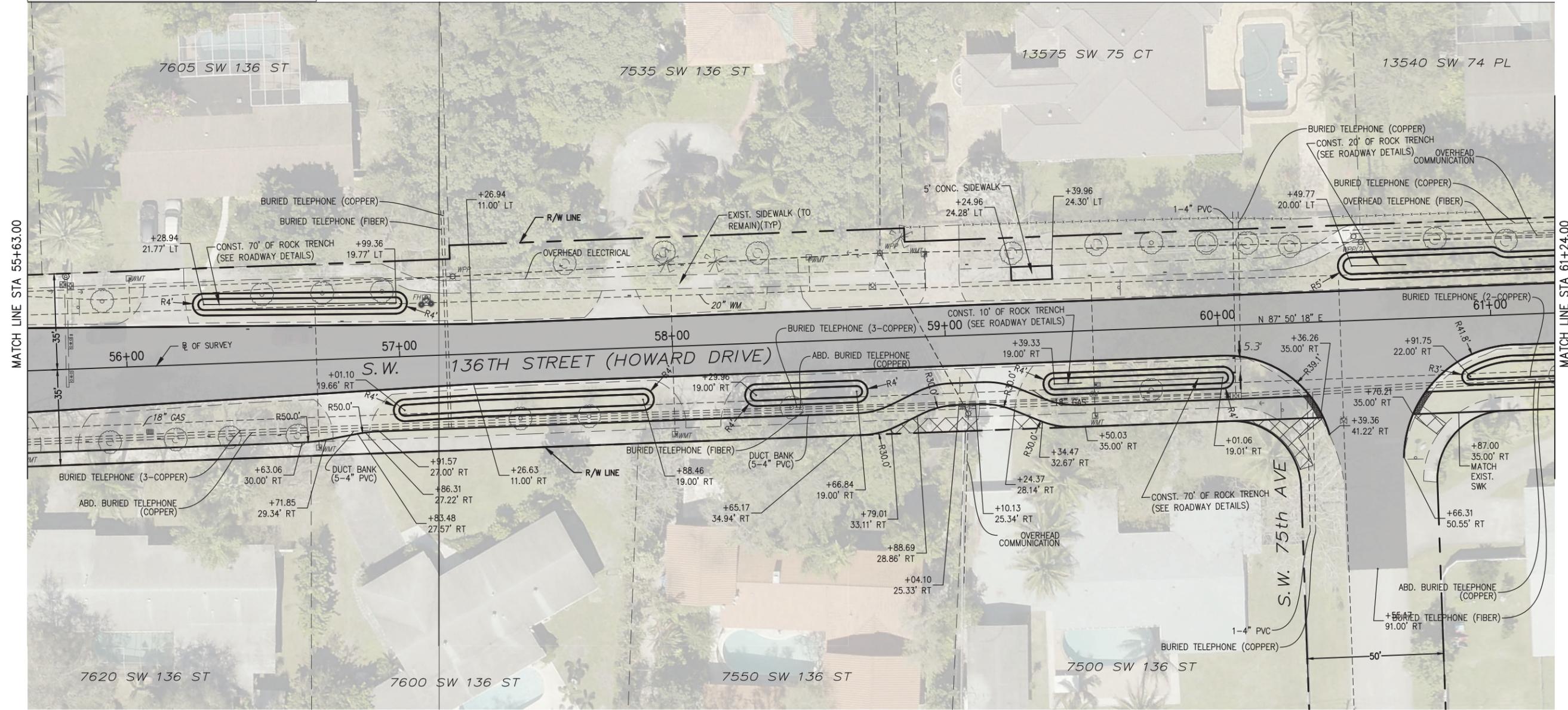


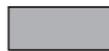
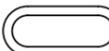
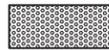
- LEGEND:**
-  WIDENING
 -  SIDEWALK REMOVAL
 -  MILLING AND RESURFACING LIMITS
 -  SWALES
 -  DETECTABLE WARNING

F:\19012_SW 136 Street from US 1 to Old Cutler Rd\Project\roadway\planrd10.dwg Mar 04, 2020 - 5:00pm AMARINEZ

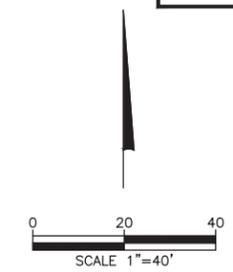


CAUTION: GAS MAIN IN AREA OF CONSTRUCTION

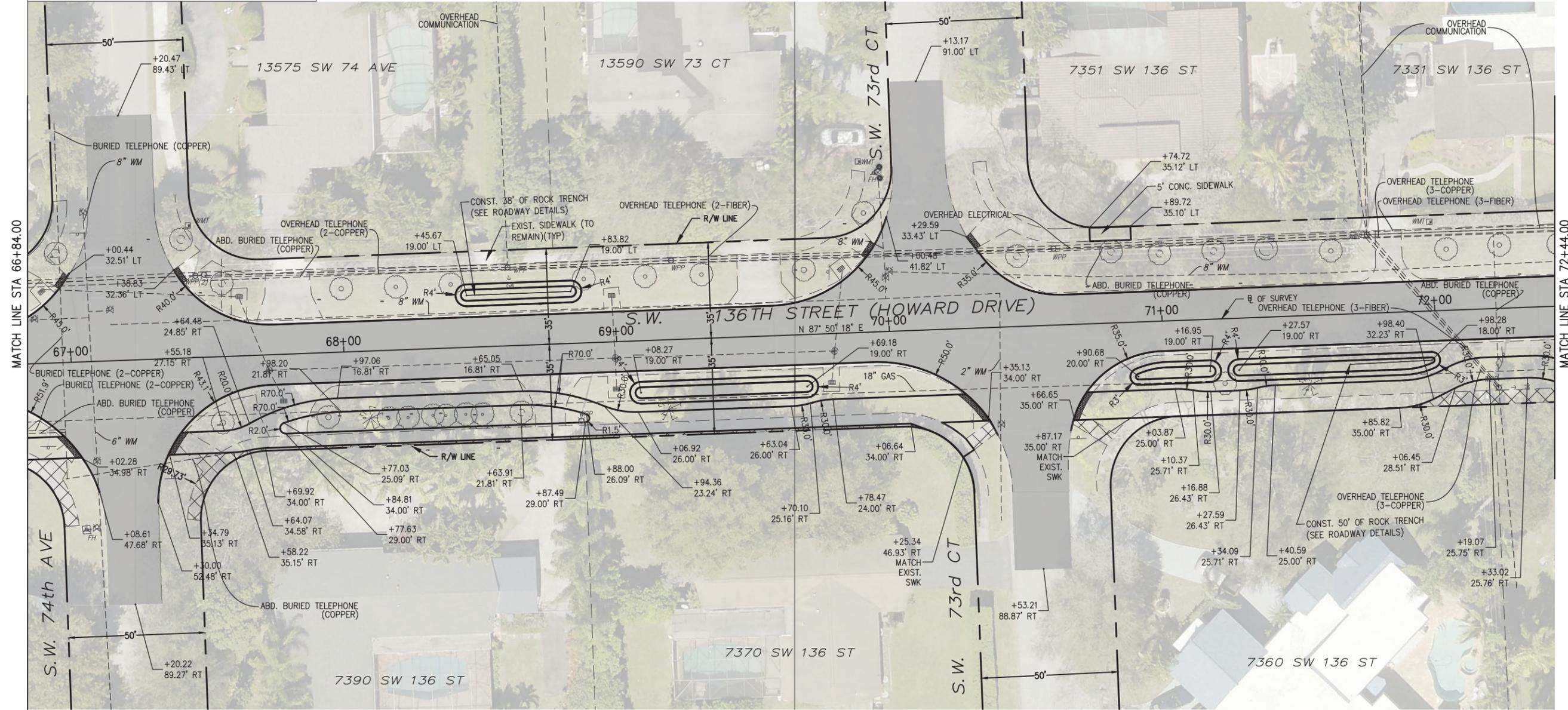


- LEGEND:**
-  WIDENING
 -  SIDEWALK REMOVAL
 -  MILLING AND RESURFACING LIMITS
 -  SWALES
 -  DETECTABLE WARNING

F:\19012_SW 136 Street from US 1 to Old Cutler Rd\Project\roadway\planrd11.dwg Mar 04, 2020 - 5:00pm AMARINEZ



CAUTION: GAS MAIN IN AREA OF CONSTRUCTION

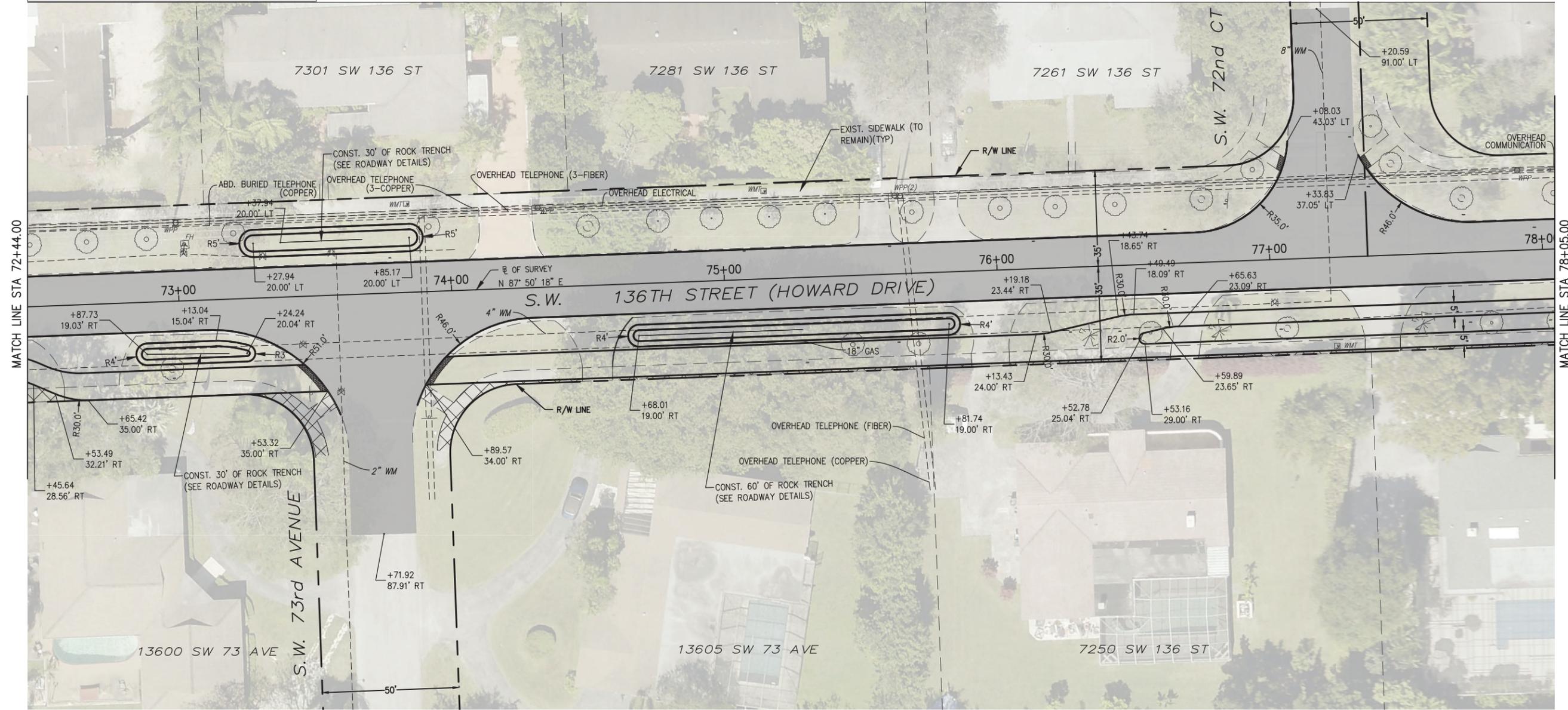
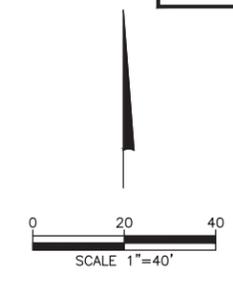


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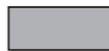
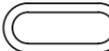
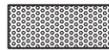
	WIDENING		SIDEWALK REMOVAL
	MILLING AND RESURFACING LIMITS		SWALES
	DETECTABLE WARNING		

F:\19012_SW 136 Street from US 1 to Old Cutler Rd\Project\roadway\plan\13.dwg Mar 04, 2020 - 5:01pm AMARINEZ

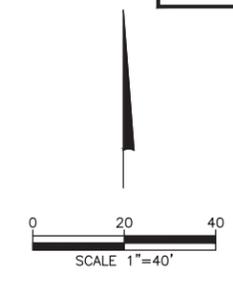
CAUTION: GAS MAIN IN AREA OF CONSTRUCTION



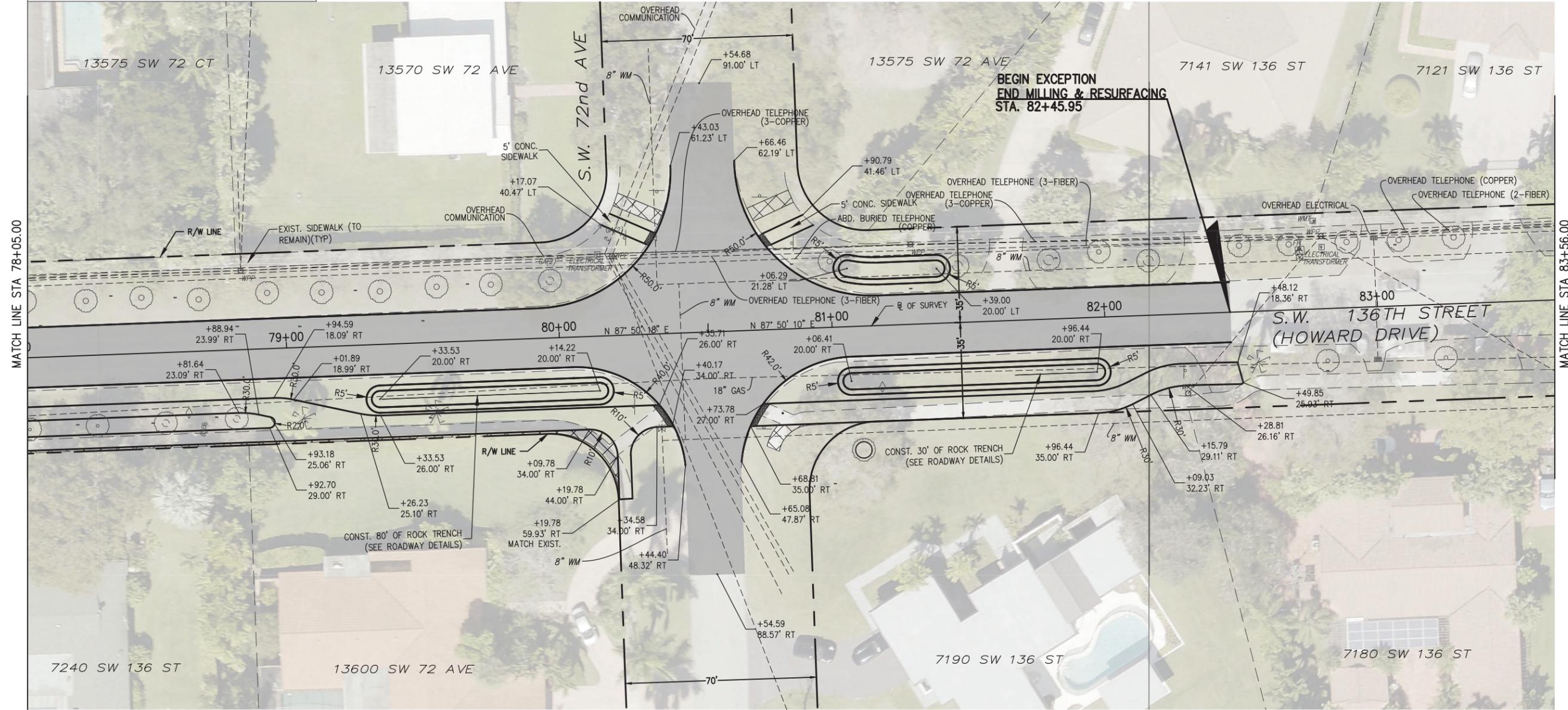
LEGEND:

	WIDENING		SIDEWALK REMOVAL
	MILLING AND RESURFACING LIMITS		SWALES
	DETECTABLE WARNING		

F:\19012_SW 136 Street from US 1 to Old Cutler Rd\Project\roadway\plan\14.dwg Mar 04, 2020 - 5:01pm AMARINEZ



CAUTION: GAS MAIN IN AREA OF CONSTRUCTION



LEGEND:

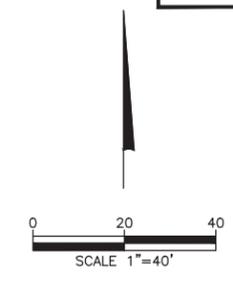
	WIDENING		SIDEWALK REMOVAL
	MILLING AND RESURFACING LIMITS		SWALES
	DETECTABLE WARNING		

F:\19012_SW 136 Street from US 1 to Old Cutler Rd\Project\roadway\plan\rd15.dwg Mar 04, 2020 - 5:02pm AMARINEZ

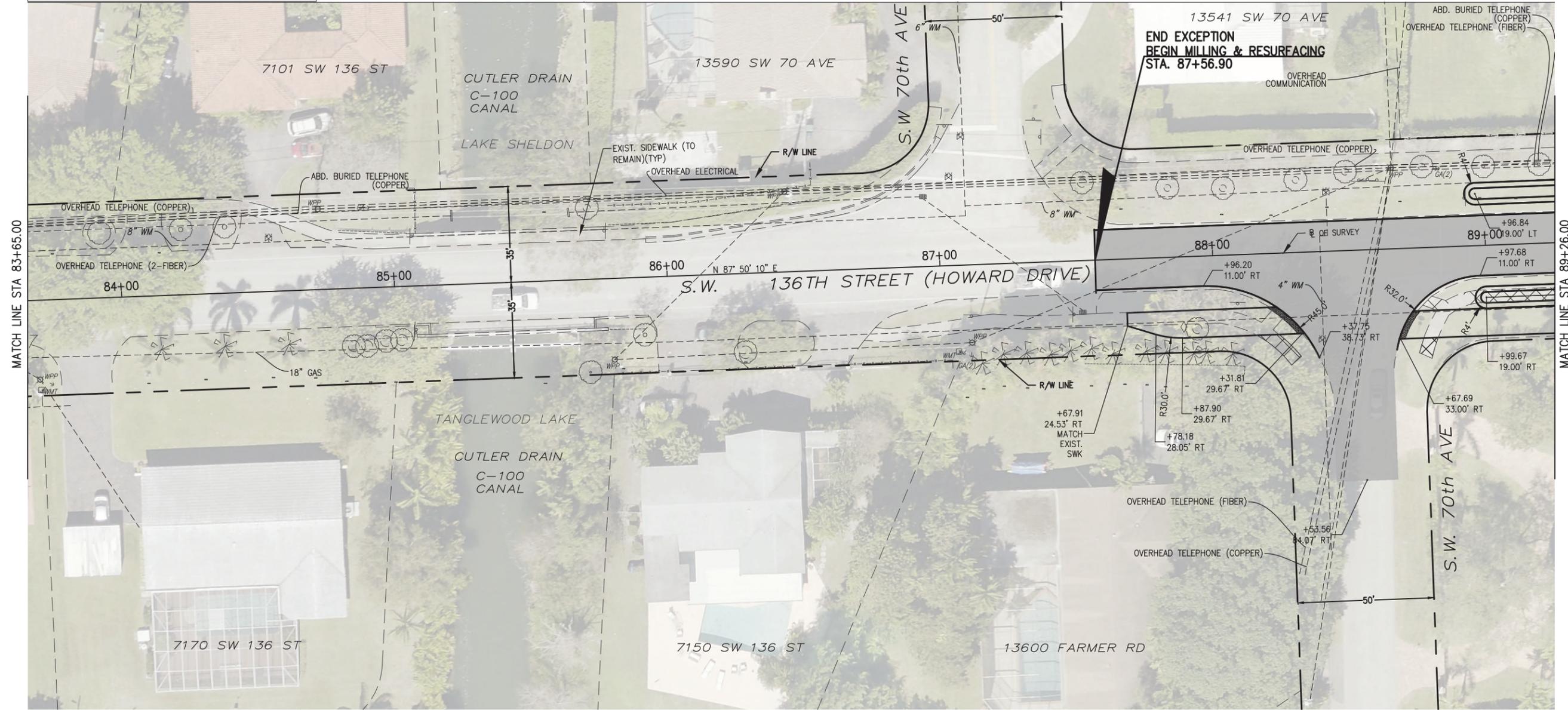
R.J.Behar & Company, Inc.
 Engineers • Planners

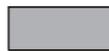
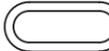
MIAMI-DADE COUNTY
 DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
 HIGHWAY DIVISION
 STEPHEN P. CLARK CENTER
 111 NW 1 ST
 MIAMI, FLORIDA 33128

ROADWAY PLAN

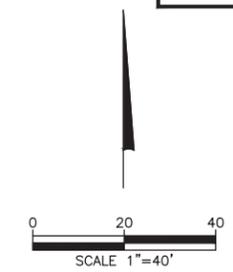


CAUTION: GAS MAIN IN AREA OF CONSTRUCTION

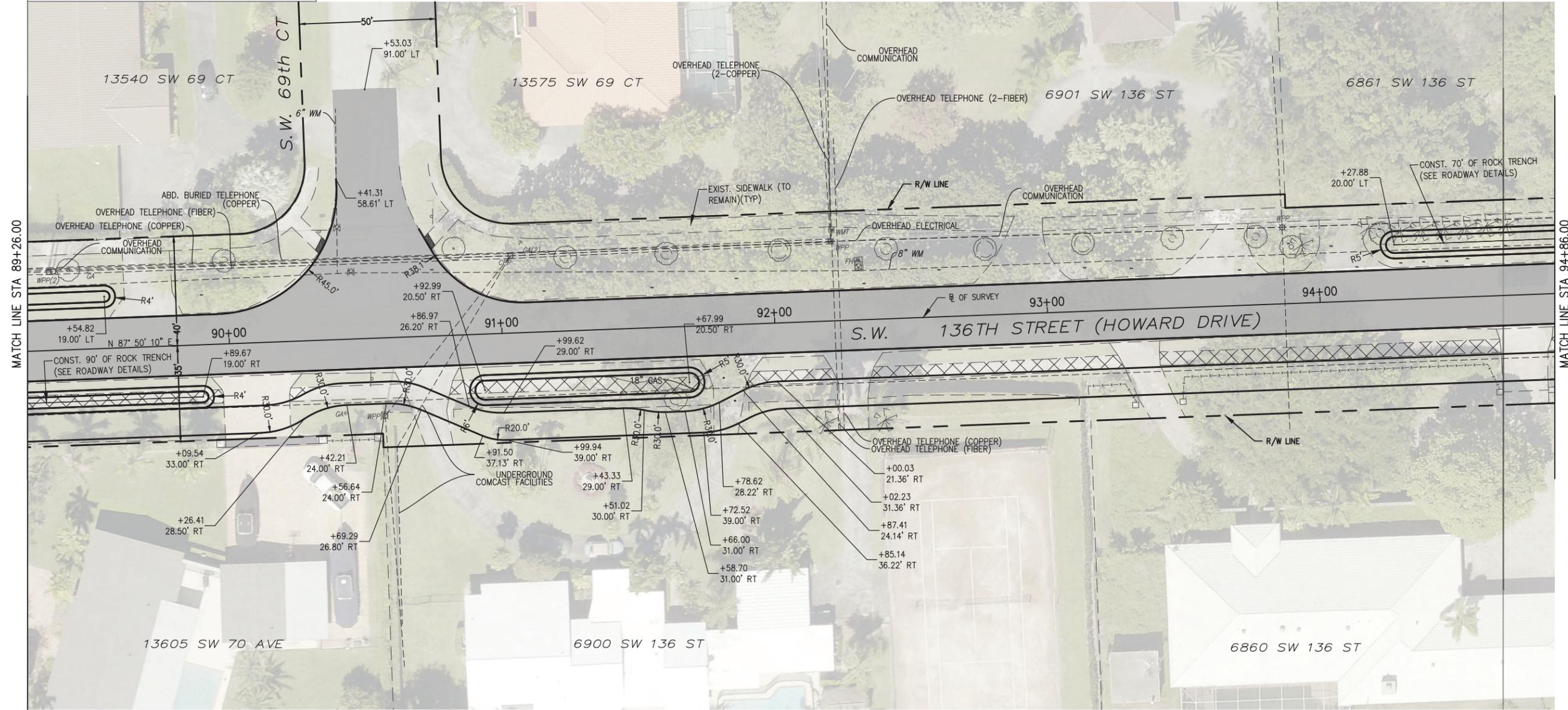


- LEGEND:**
-  WIDENING
 -  SIDEWALK REMOVAL
 -  MILLING AND RESURFACING LIMITS
 -  SWALES
 -  DETECTABLE WARNING

F:\19012_SW 136 Street from US 1 to Old Cutler Rd\Project\roadway\plan\16.dwg Apr. 13, 2020 - 4:33pm AMARINEZ



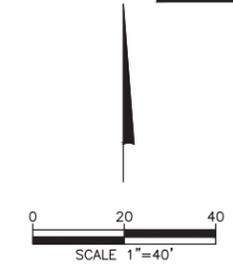
CAUTION: GAS MAIN IN AREA OF CONSTRUCTION



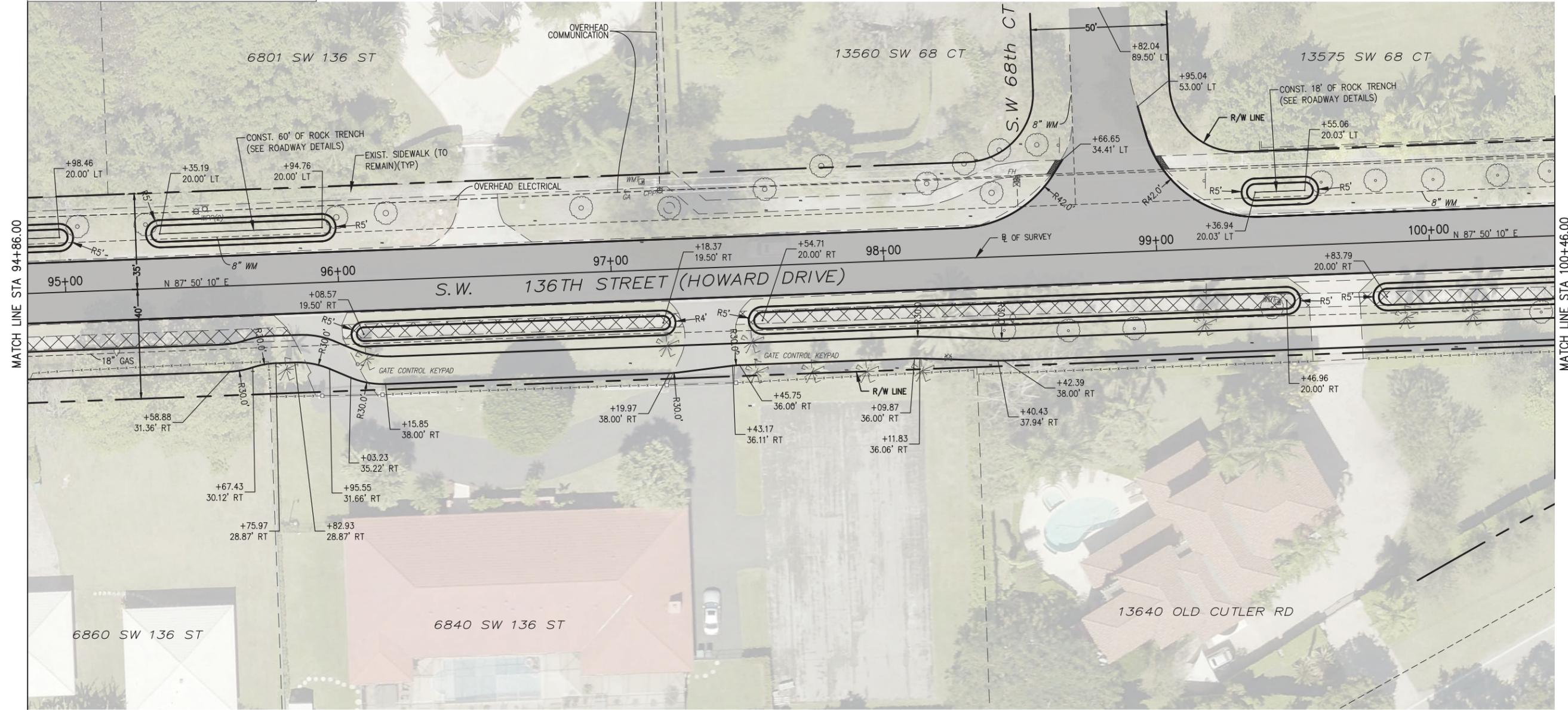
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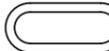
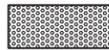
	WIDENING		SIDEWALK REMOVAL
	MILLING AND RESURFACING LIMITS		SWALES
	DETECTABLE WARNING		

F:\19012_SW 136 Street from US 1 to Old Cutler Rd\Project\roadway\planrd17.dwg Mar 04, 2020 - 5:02pm AMARINEZ

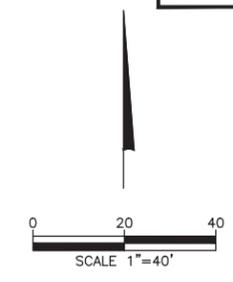


CAUTION: GAS MAIN IN AREA OF CONSTRUCTION

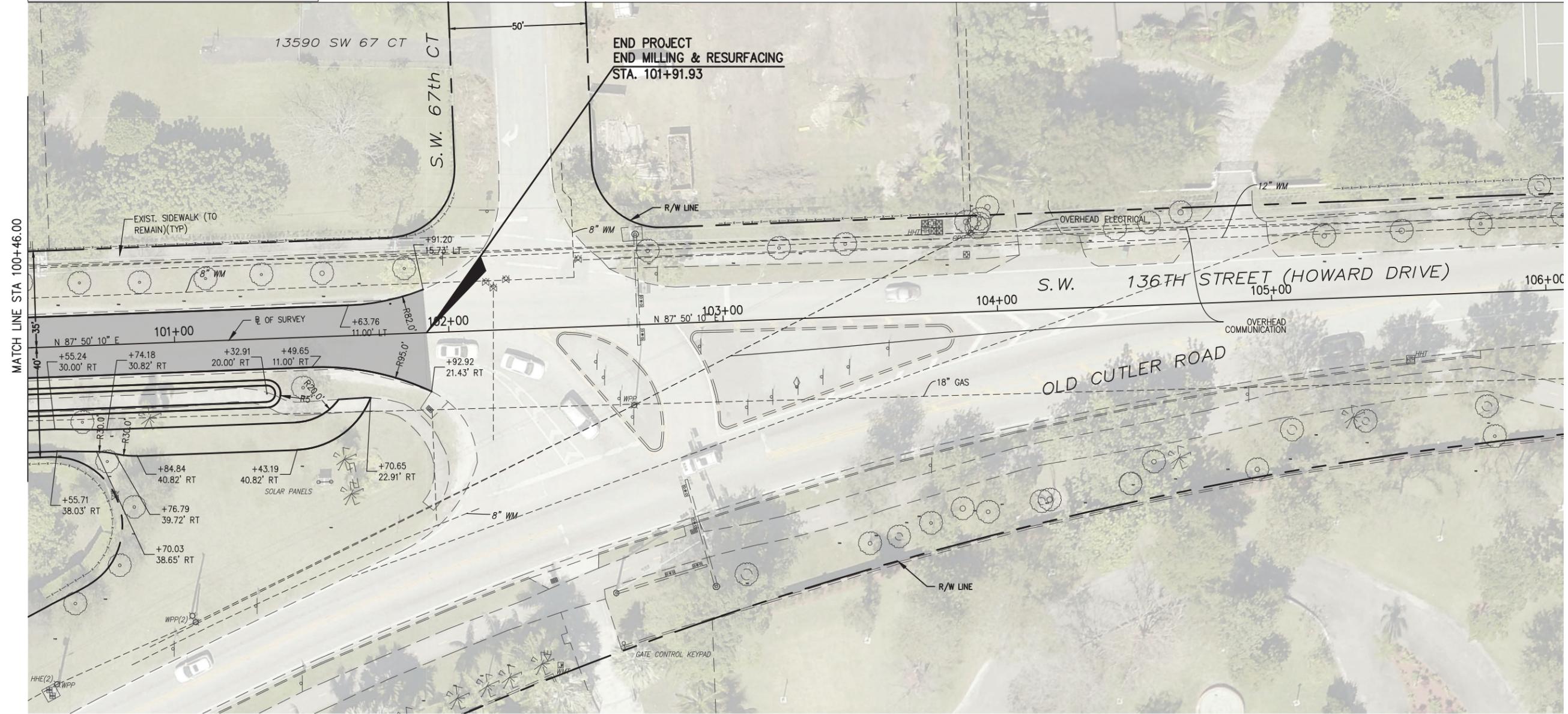


- LEGEND:**
-  WIDENING
 -  SIDEWALK REMOVAL
 -  MILLING AND RESURFACING LIMITS
 -  SWALES
 -  DETECTABLE WARNING

F:\19012_SW 136 Street from US 1 to Old Cutler Rd\Project\roadway\plan\18.dwg Mar 04, 2020 - 5:03pm AMARINEZ



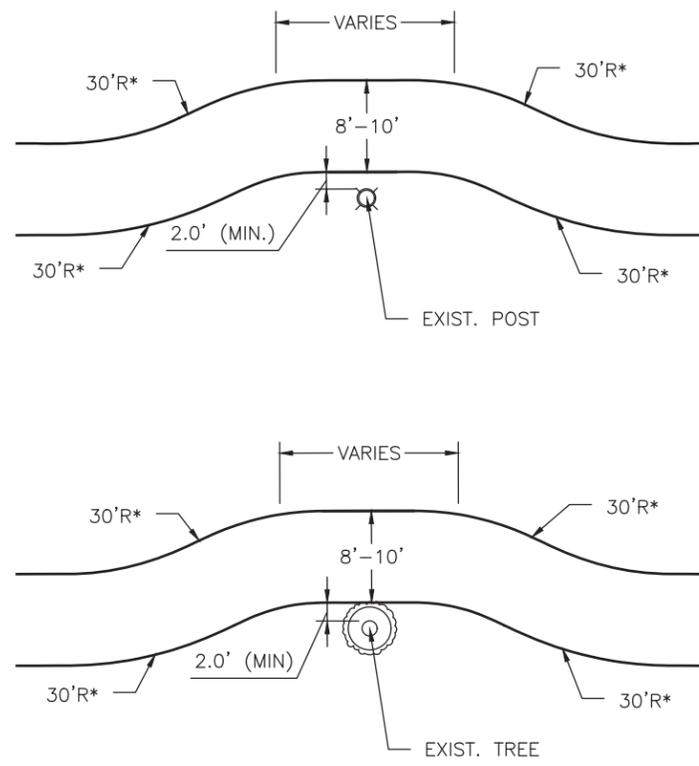
CAUTION: GAS MAIN IN AREA OF CONSTRUCTION



LEGEND:

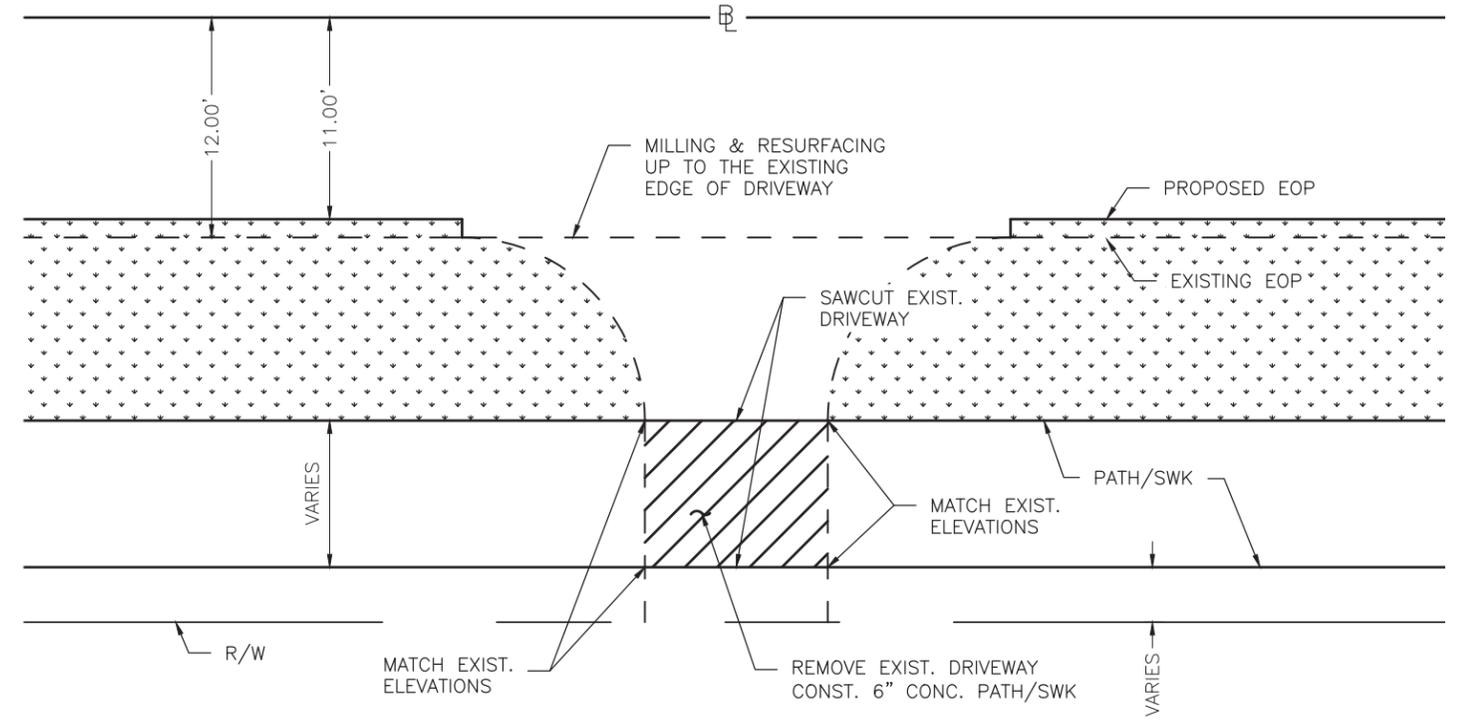
	WIDENING		SIDEWALK REMOVAL
	MILLING AND RESURFACING LIMITS		SWALES
	DETECTABLE WARNING		

F:\19012_SW 136 Street from US 1 to Old Cutler Rd\Project\roadway\plan\19.dwg Apr. 13, 2020 - 5:31pm AMARINEZ



* SEE ROADWAY PLANS FOR RADII OTHER THAN 30 FEET.

PATH DETAILS

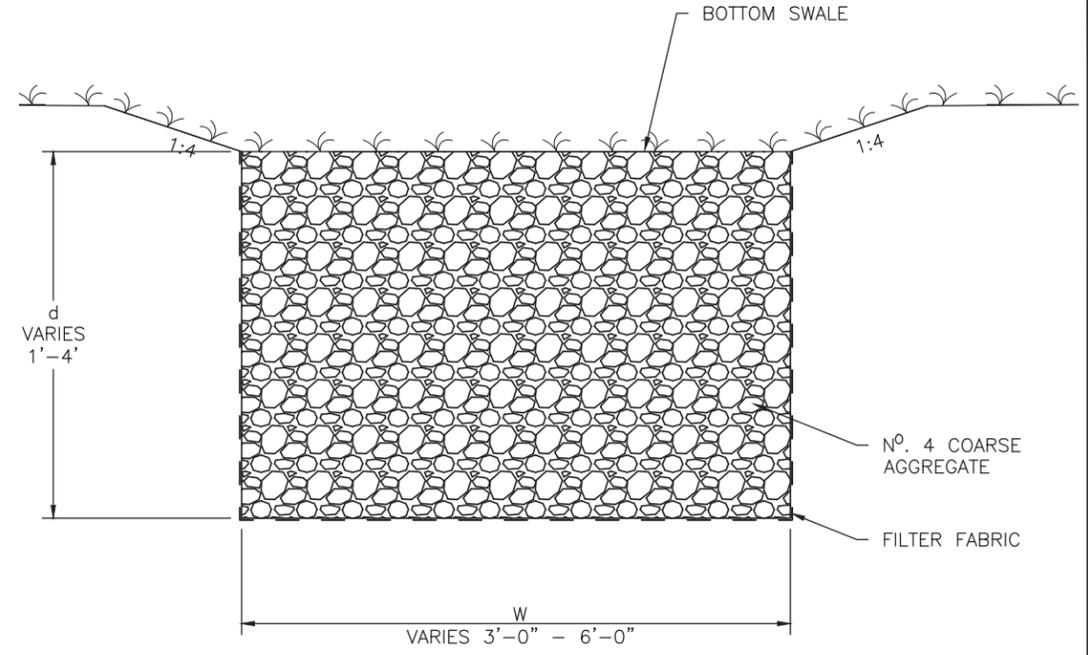


DRIVEWAY DETAIL
 N.T.S.

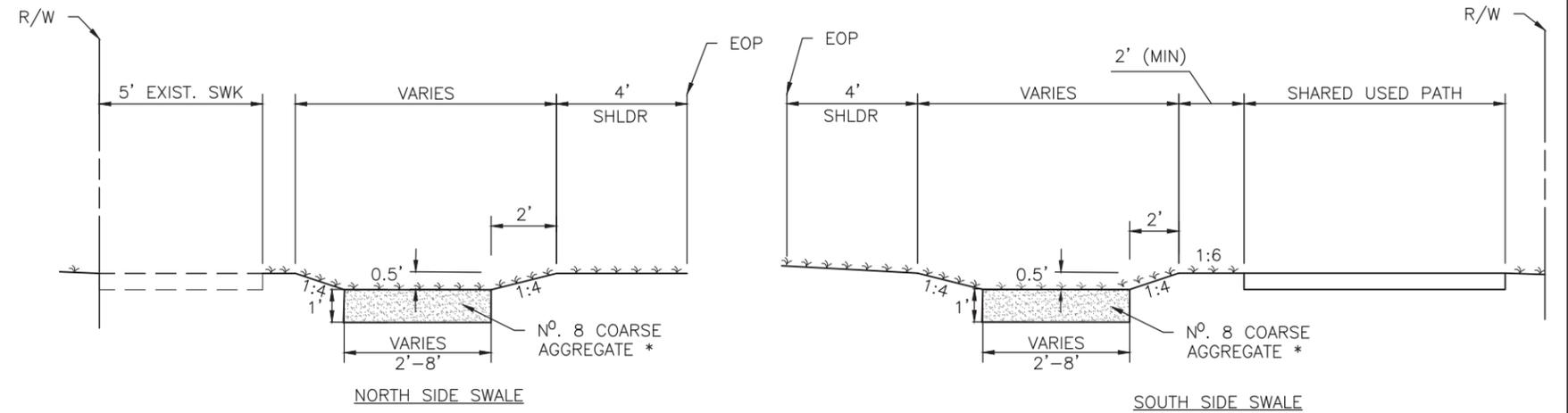
F:\19012_SW 136 Street from US 1 to Old Cutler Rd\Project\roadway\X-Ref_Det_1.dwg Mar 04, 2020 - 5:03pm AMARINEZ

UNDERDRAIN TRENCH				
LOCATION		SIDE	W	d
BEGIN STA.	END STA.			
10+03.07	11+00.00	RT	3'	2'
11+00.00	11+65.25	RT	4'	2'
12+42.11	13+27.04	RT	4'	4'
14+25.00	14+50.00	LT	5'	4'
14+26.97	14+44.26	RT	4'	4'
15+24.00	16+27.47	RT	4'	4'
17+13.08	18+00.50	LT	6'	4'
18+94.57	19+65.51	LT	6'	1'
19+16.87	19+58.63	RT	6'	1'
20+92.35	21+57.35	RT	4'	4'
21+34.09	21+79.62	LT	6'	1'
22+06.88	23+12.79	RT	4'	4'
23+91.00	24+12.30	RT	3'	4'
30+79.11	31+10.01	LT	4'	4'
31+36.83	31+47.38	LT	4'	4'
32+48.14	33+27.98	RT	4'	4'
33+95.99	34+94.99	RT	4'	4'
34+04.14	34+72.00	LT	6'	4'
35+72.60	36+28.65	RT	4'	4'
37+81.81	38+30.68	RT	4'	4'
39+67.70	39+93.61	LT	6'	4'
40+76.93	41+03.40	LT	4'	4'
41+15.42	41+66.87	LT	4'	4'
43+93.20	44+14.71	RT	4'	4'
44+45.71	45+02.87	RT	4'	4'
44+75.49	44+99.75	LT	6'	4'
46+45.17	46+85.59	LT	6'	3'
49+70.78	50+24.38	LT	4'	2'
51+48.54	51+77.09	LT	6'	3'
52+92.99	53+34.15	LT	4'	4'
54+38.17	54+75.09	LT	4'	3'
55+06.25	55+37.78	LT	4'	2'
56+28.94	56+99.36	LT	4'	2'
59+39.33	59+49.33	RT	4'	1'
59+61.06	60+01.06	RT	4'	1'
60+49.77	60+69.77	LT	6'	2'
61+58.80	61+91.49	LT	6'	2'
62+56.35	63+46.40	LT	7'	2'
63+29.21	63+44.37	RT	3'	1'
64+21.96	65+03.03	LT	8'	2'
64+56.62	65+03.81	RT	3'	1'
65+38.53	65+62.05	LT	7'	2'
65+95.22	66+65.22	LT	8'	2'

UNDERDRAIN TRENCH				
LOCATION		SIDE	W	d
BEGIN STA.	END STA.			
68+45.67	68+83.82	LT	4'	4'
71+68.28	71+98.28	RT	4'	1'
72+87.73	73+17.72	RT	4'	4'
73+37.94	73+67.94	LT	6'	2'
74+68.01	75+28.01	RT	4'	2'
79+33.53	80+14.83	RT	6'	1'
81+75.69	81+96.44	RT	6'	1'
88+99.67	89+89.67	RT	4'	1'
94+27.88	94+98.46	LT	6'	4'
95+35.19	95+94.76	LT	6'	4'
99+36.94	99+55.06	LT	6'	1'



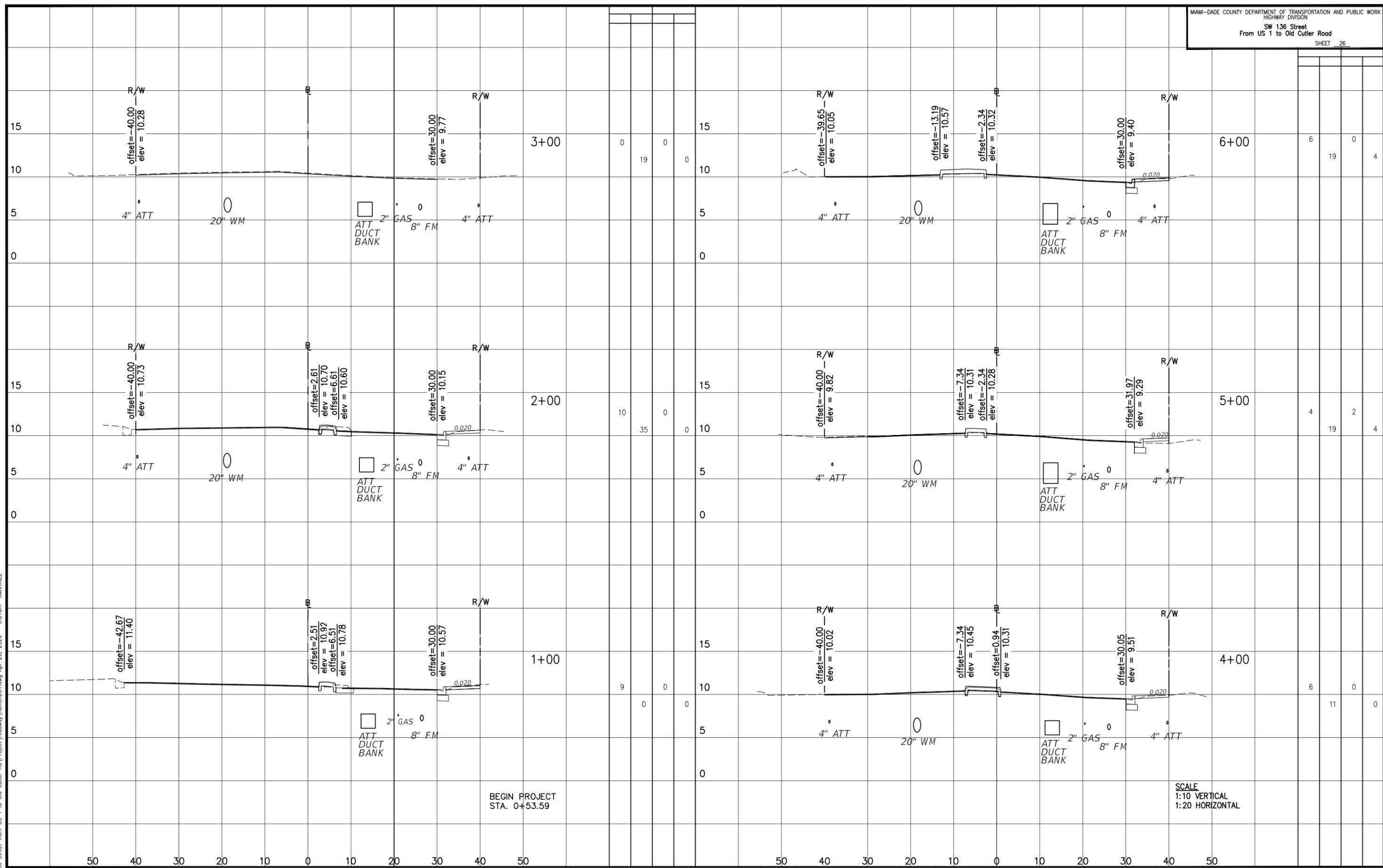
UNDERDRAIN DETAILS
 N.T.S.



* IF ROCK TRENCH IS UNDER THE SWALE, NO COARSE AGGREGATE IS NECESSARY.

SWALE DETAILS

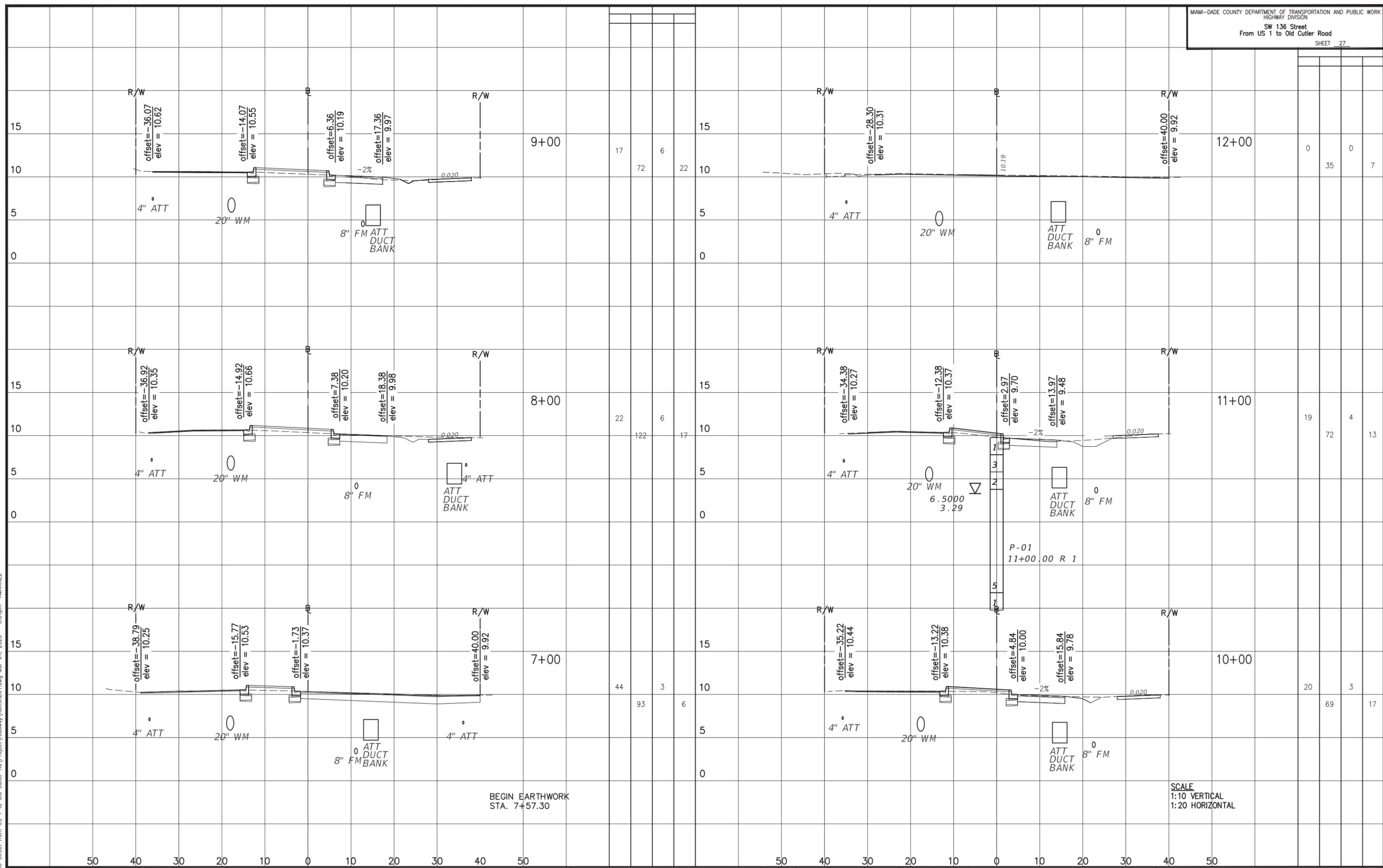
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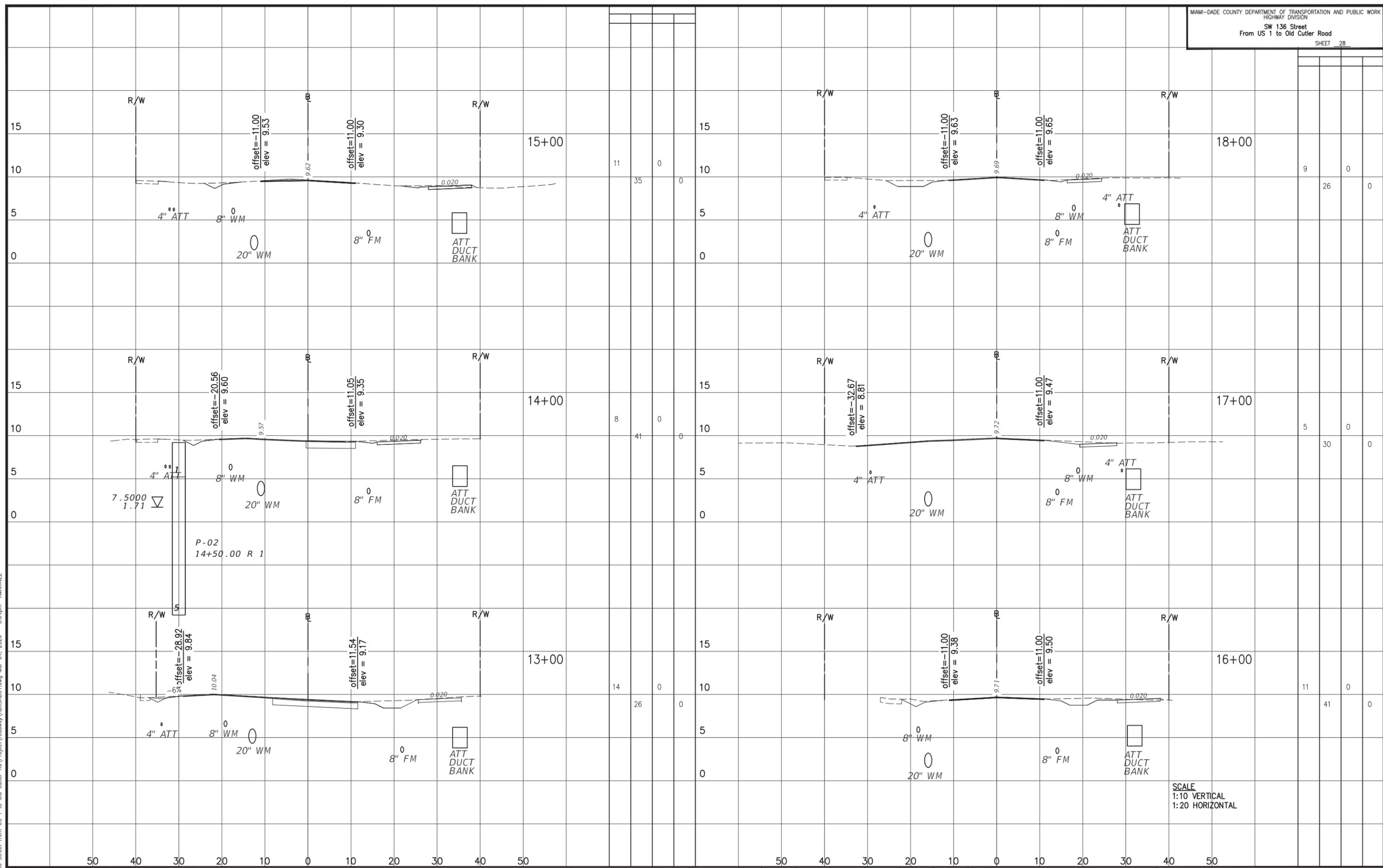
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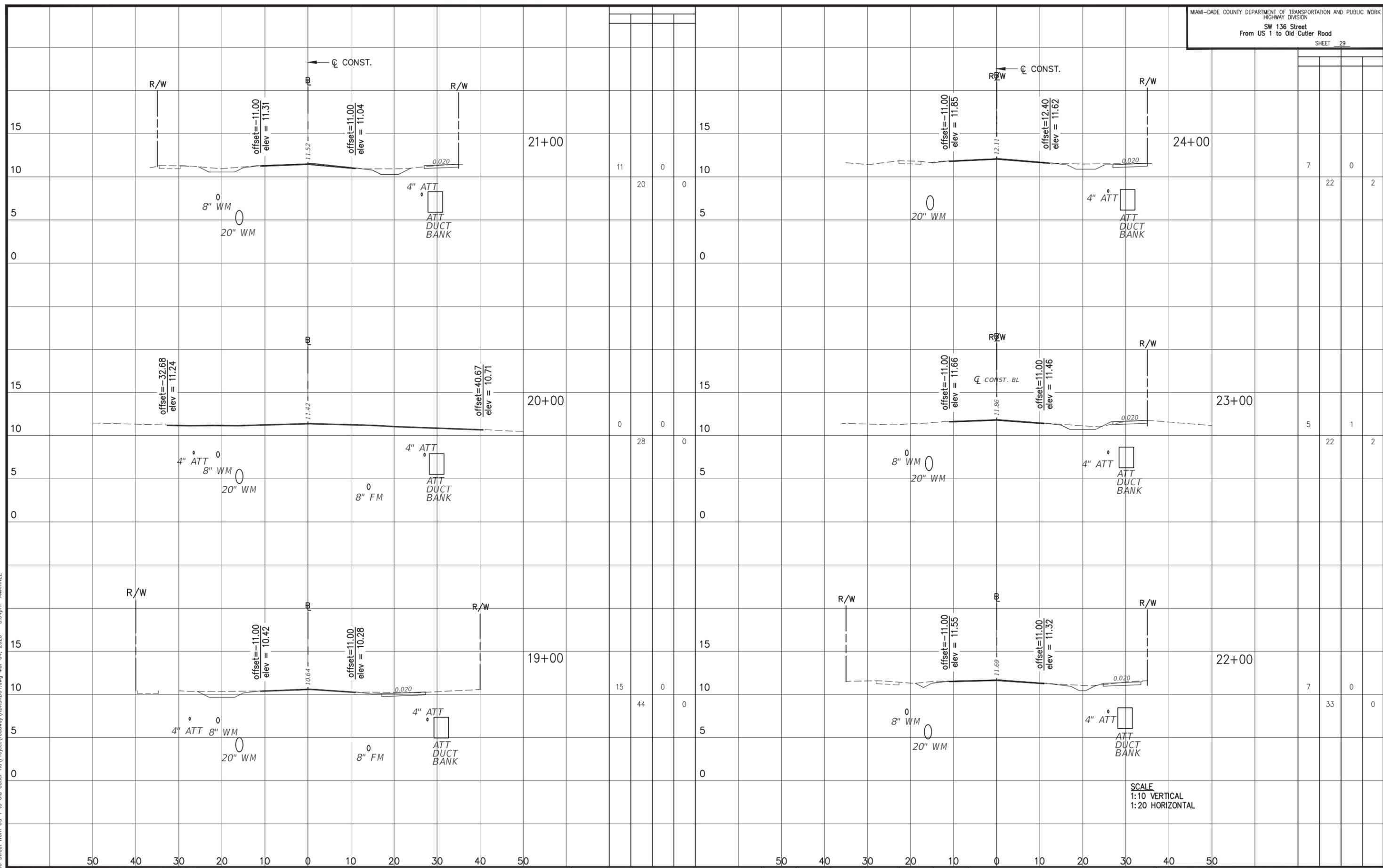
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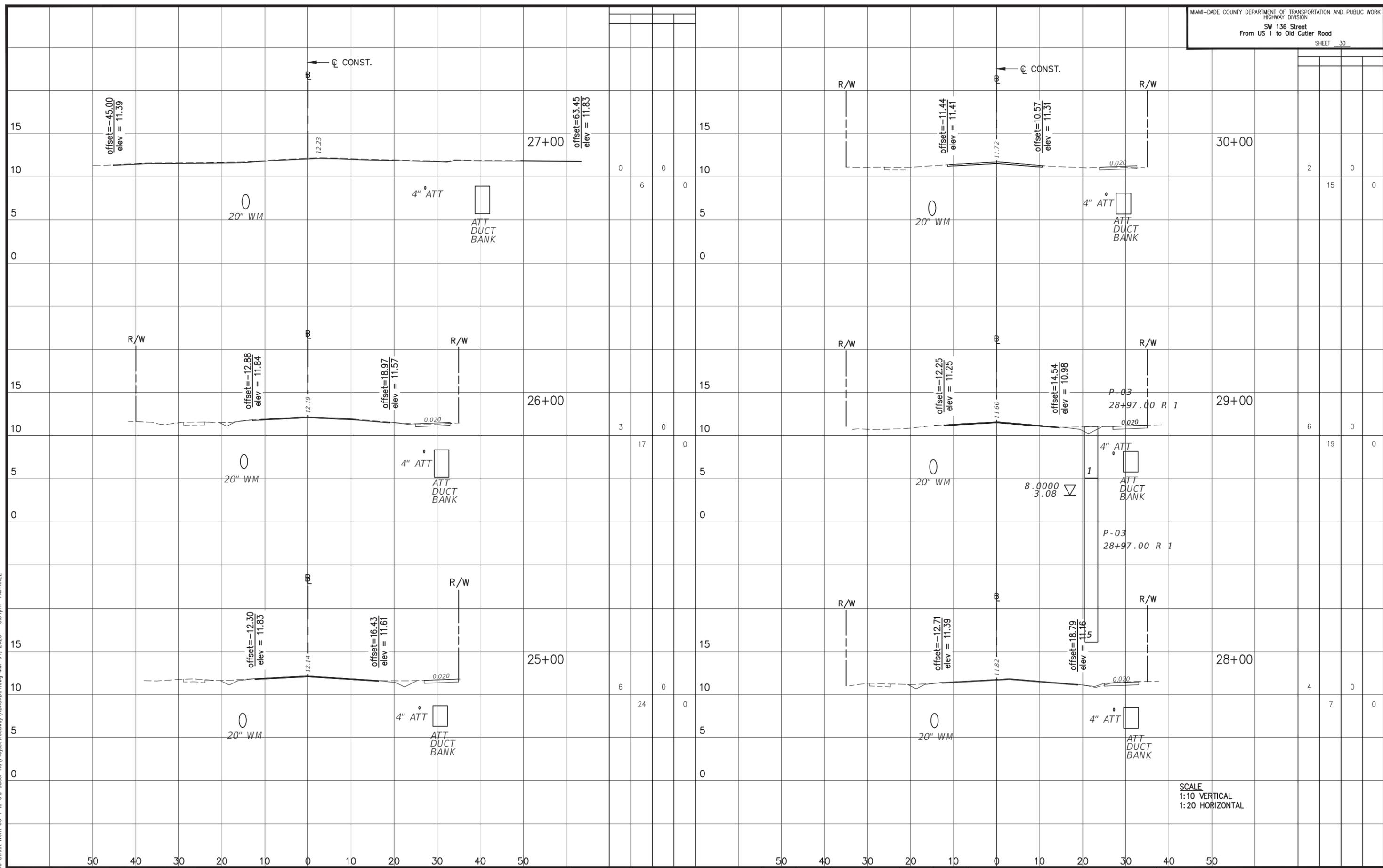
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1.71 ∇
P-02
14+50.00 R 1

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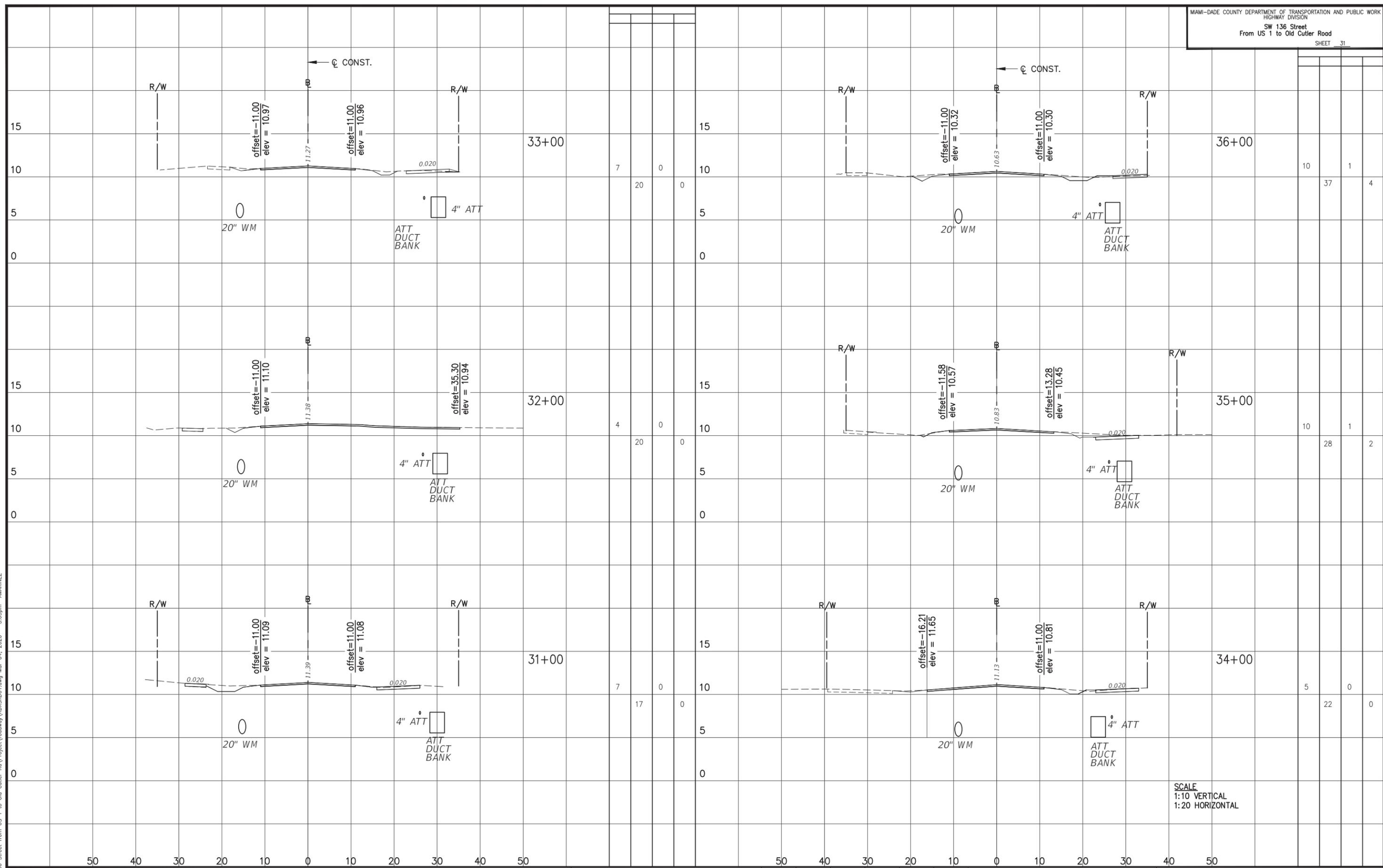


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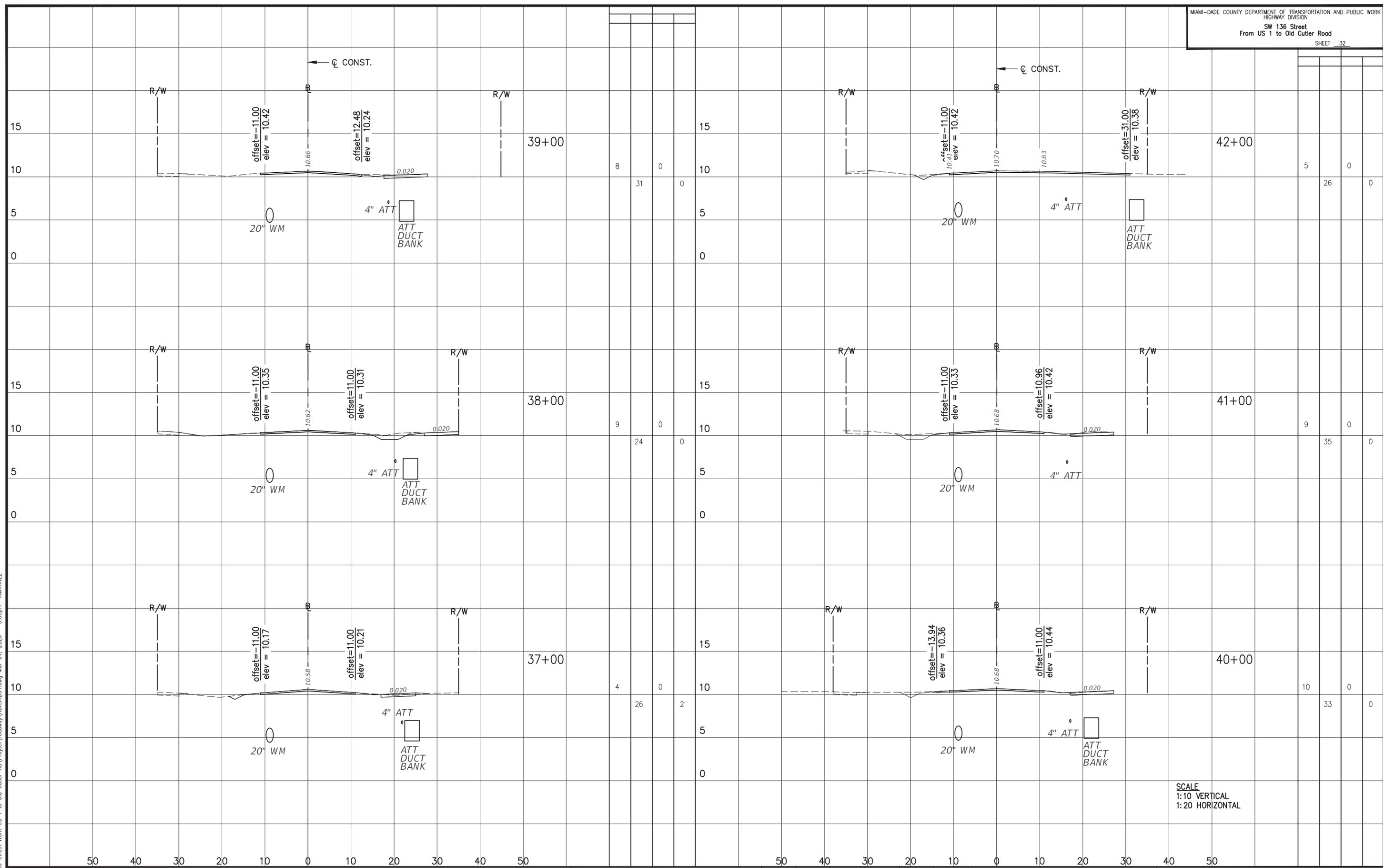


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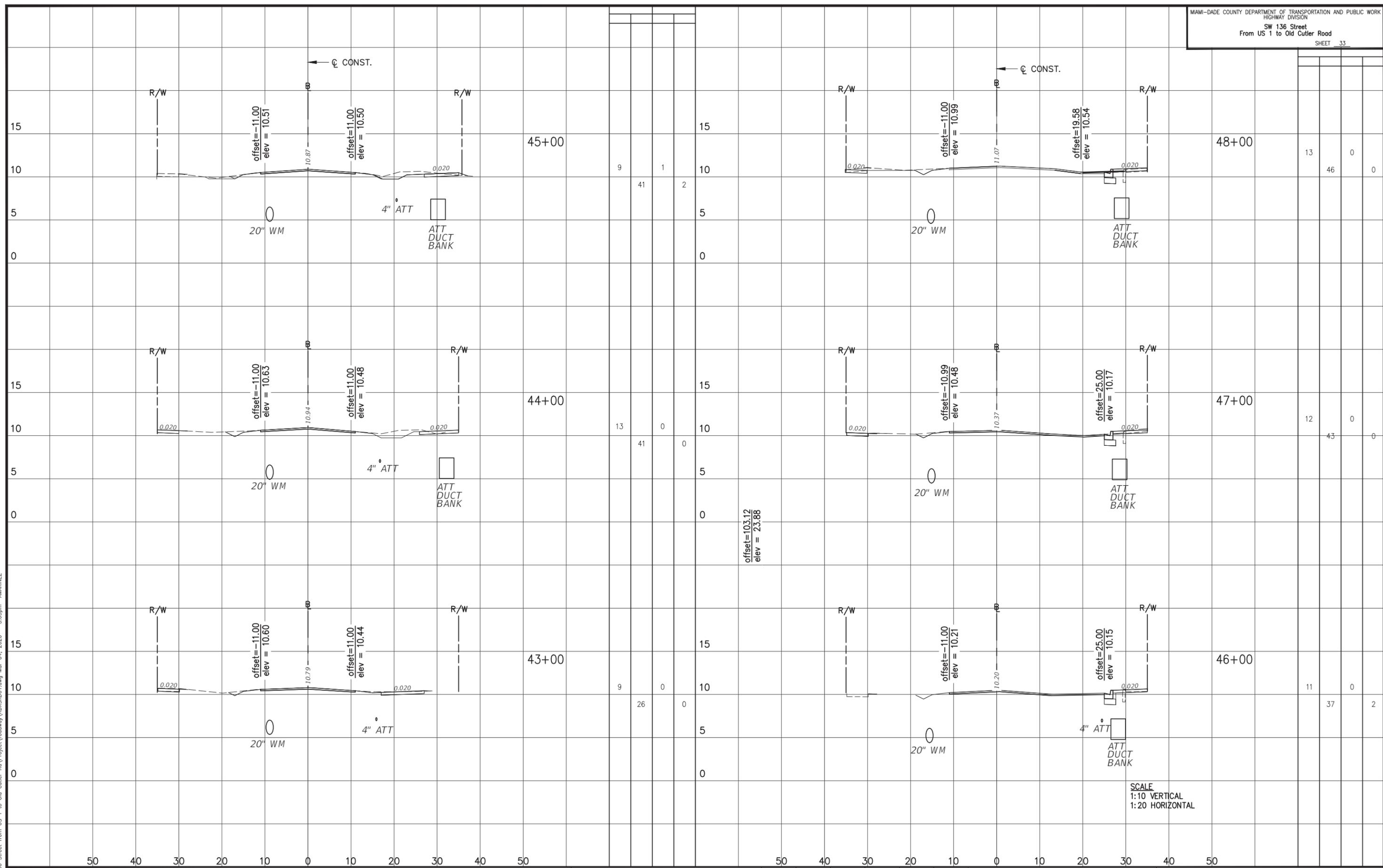
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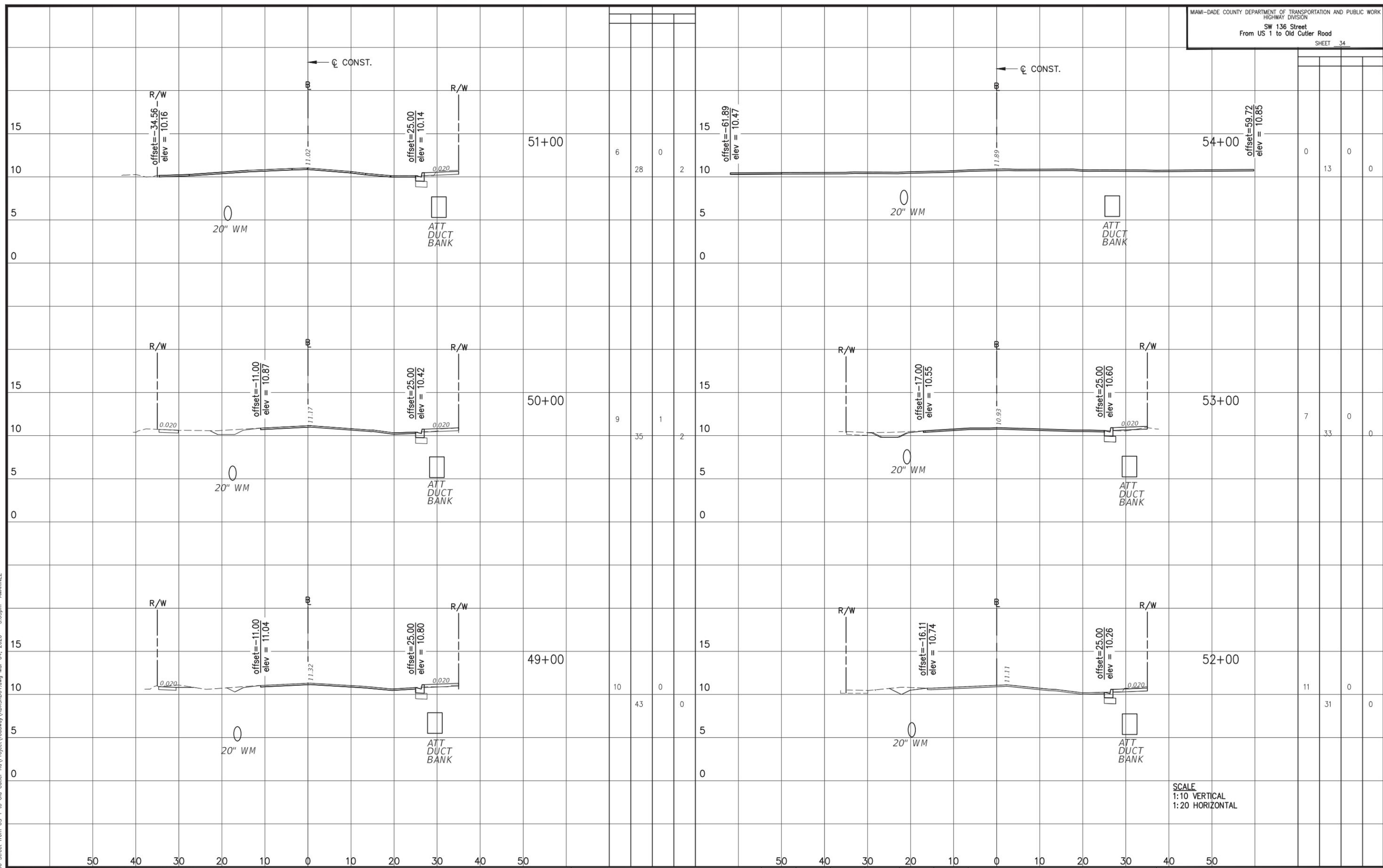
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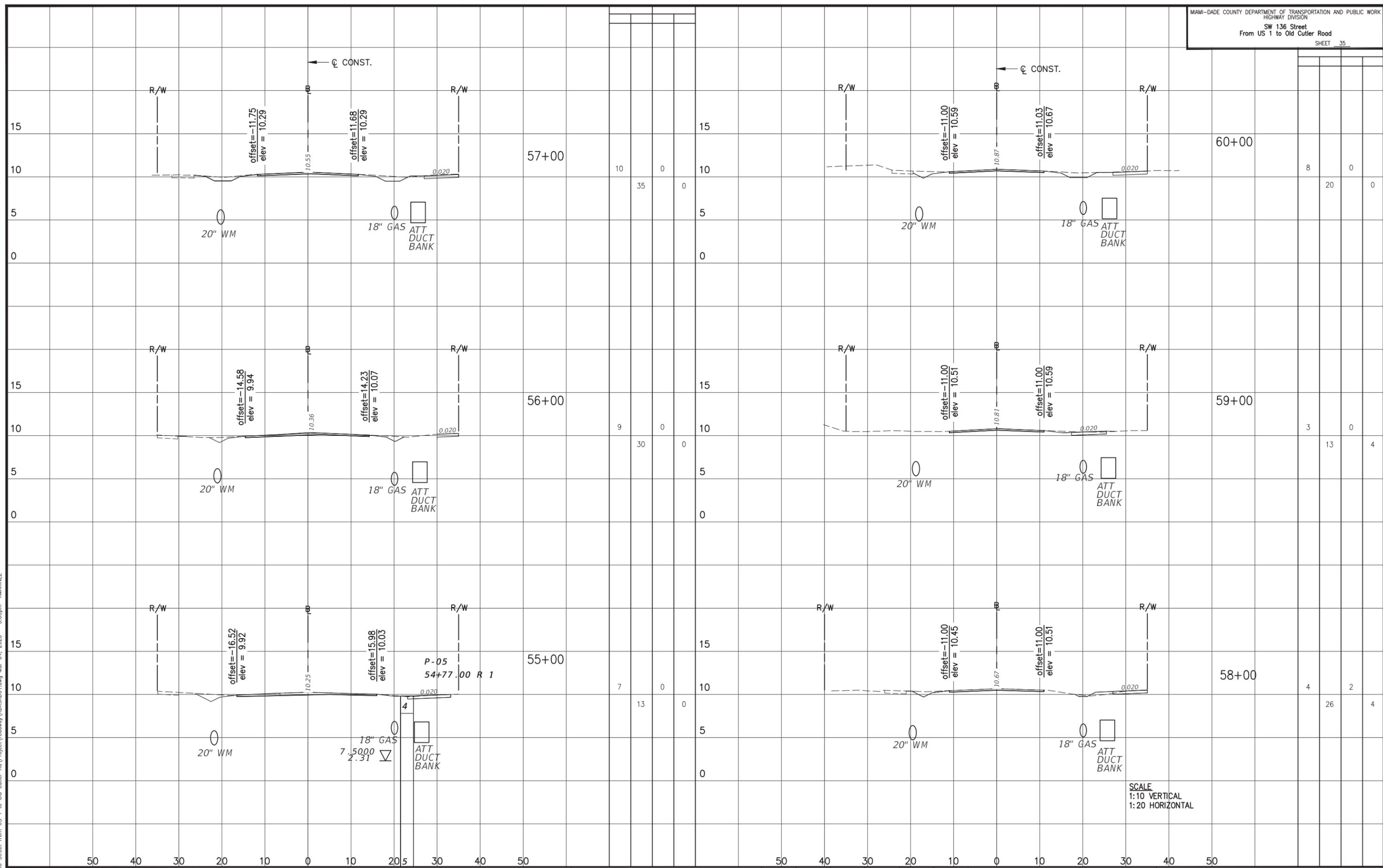
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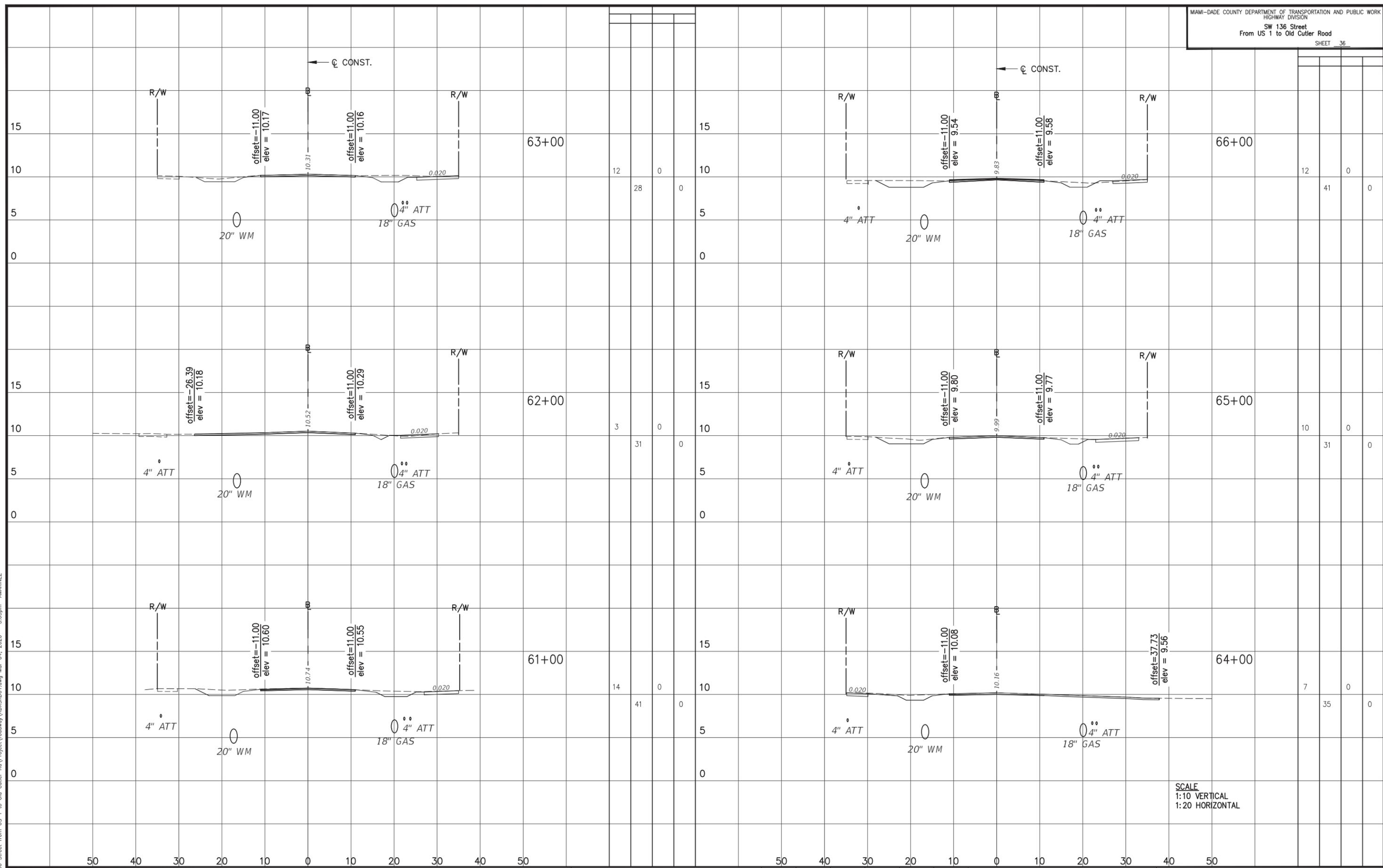
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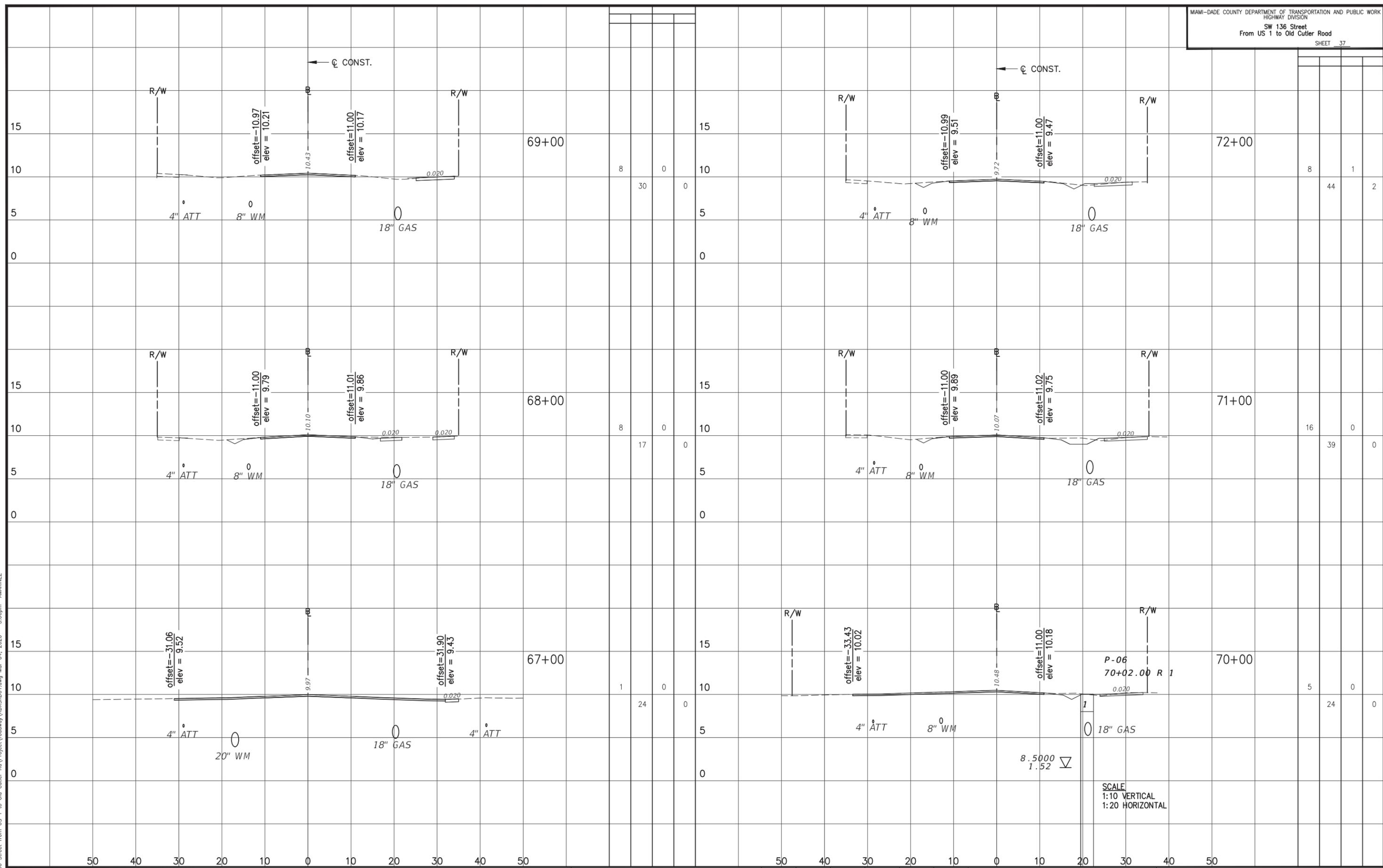
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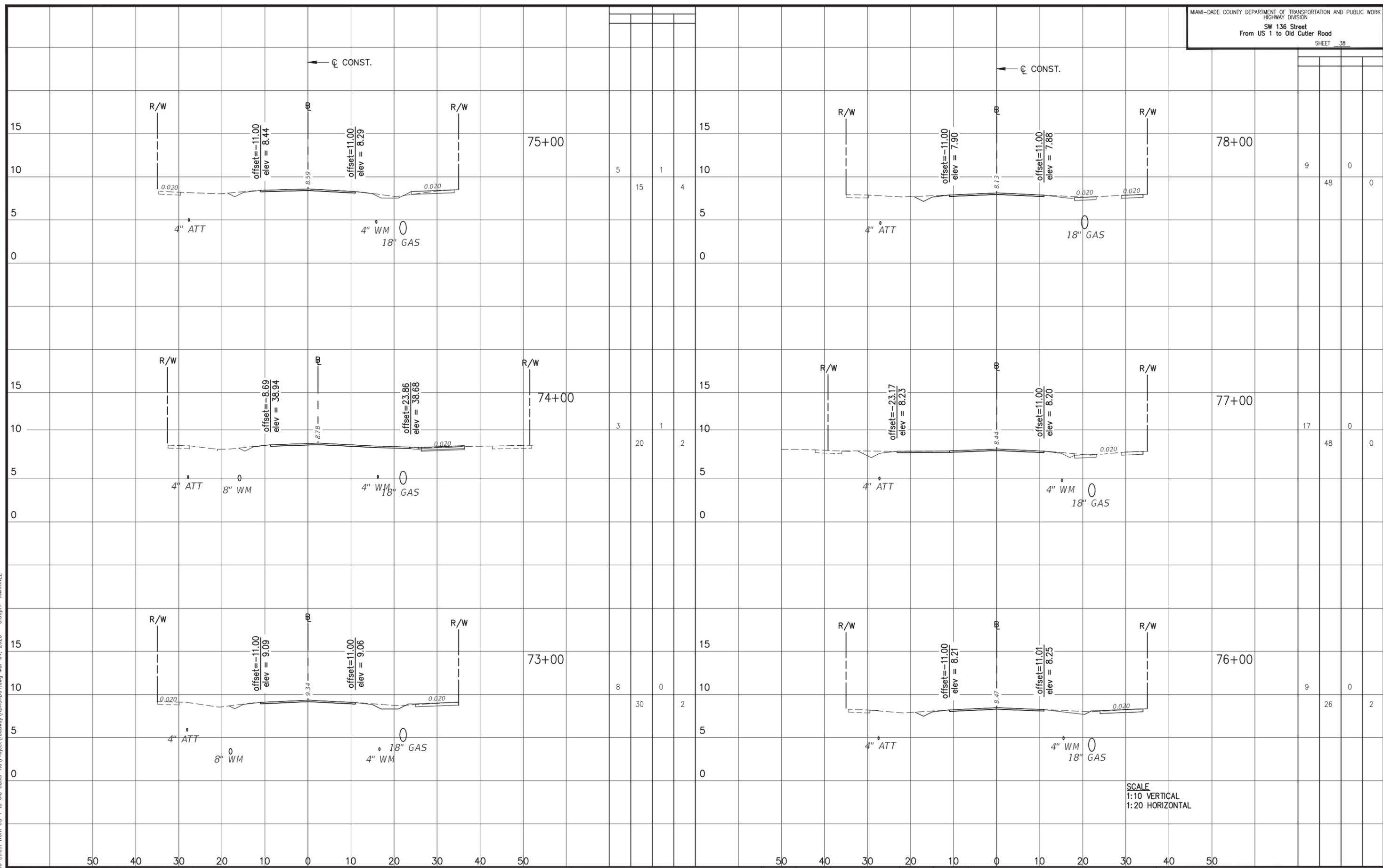
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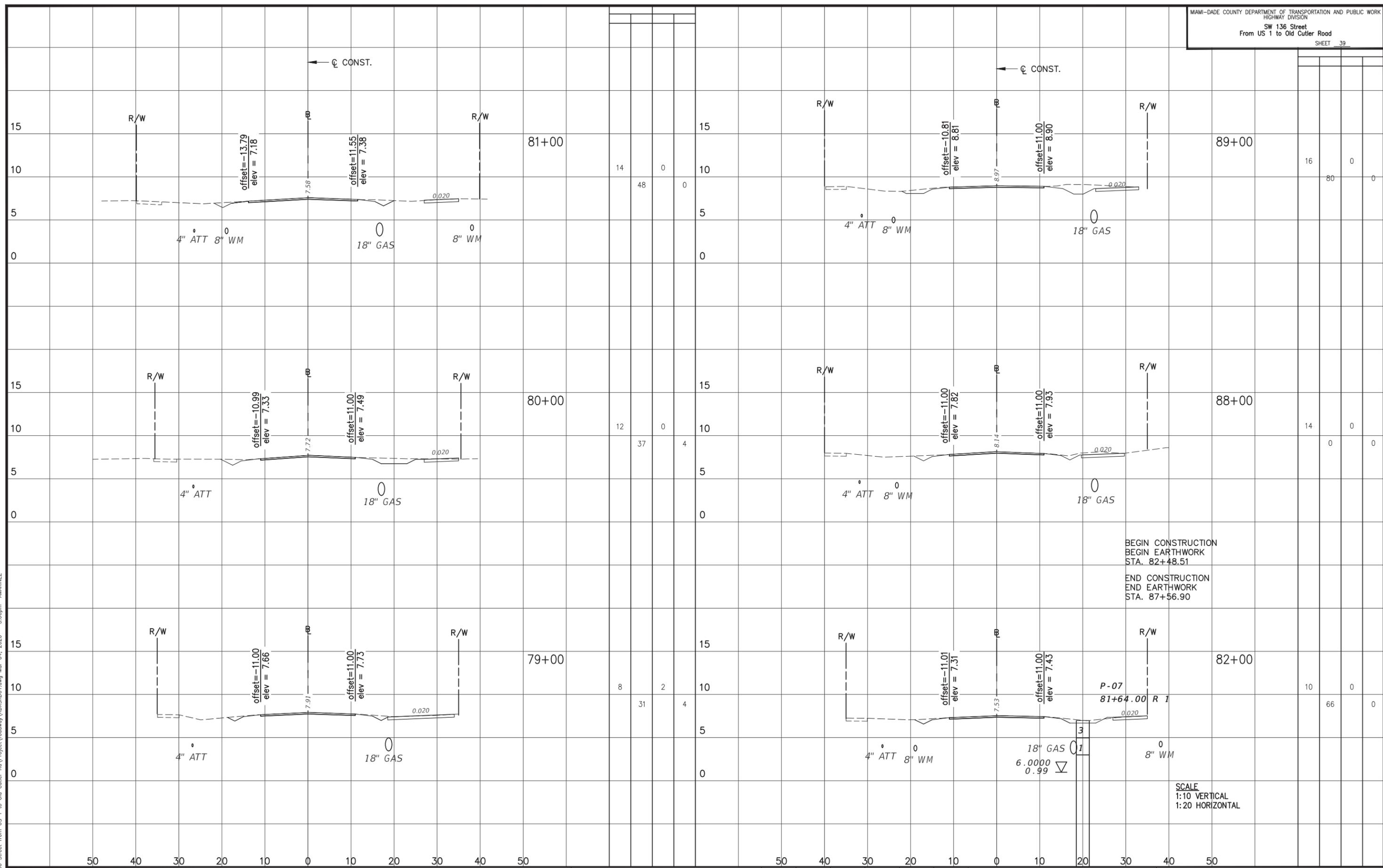
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SCALE
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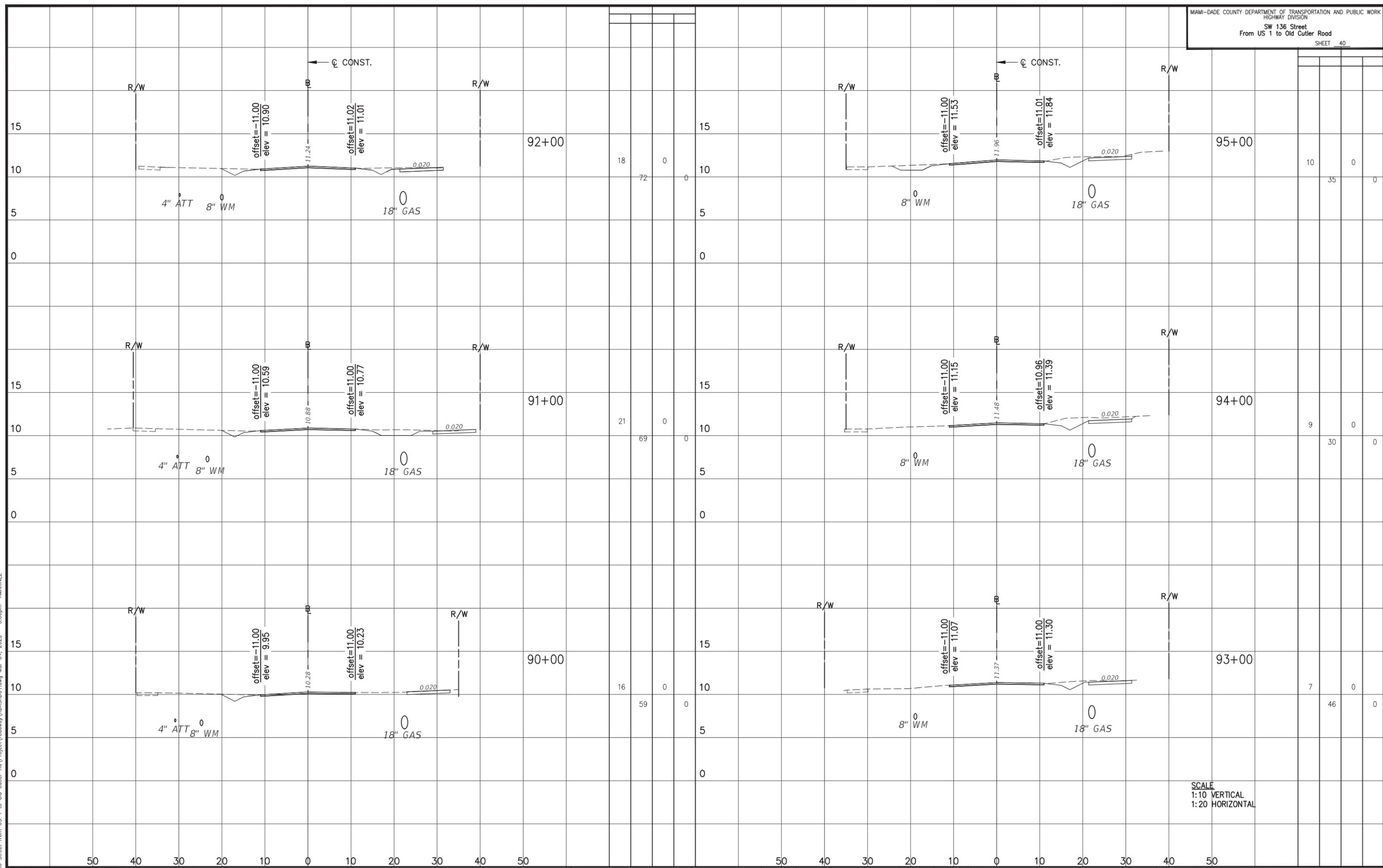
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BEGIN CONSTRUCTION
 BEGIN EARTHWORK
 STA. 82+48.51
 END CONSTRUCTION
 END EARTHWORK
 STA. 87+56.90

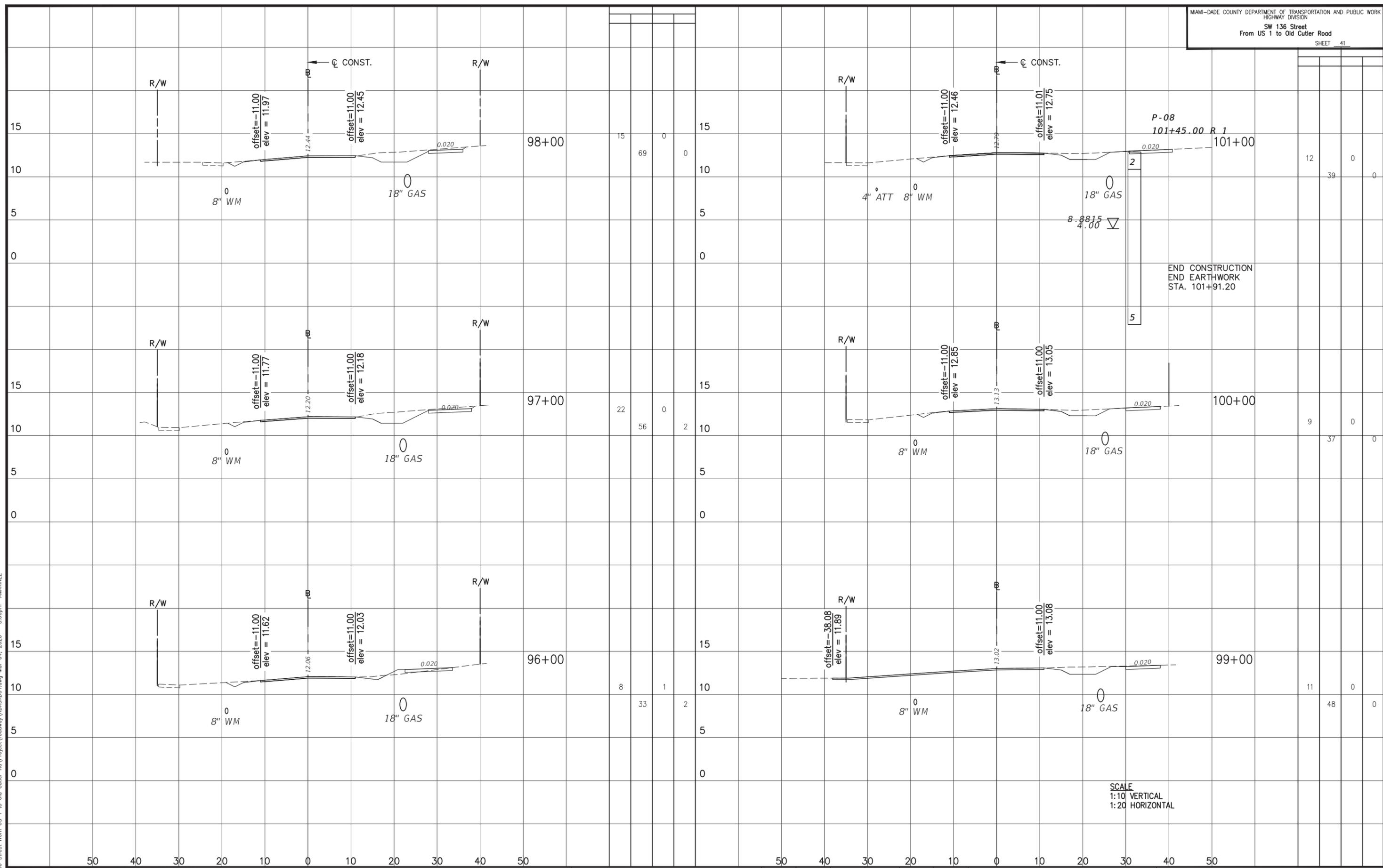
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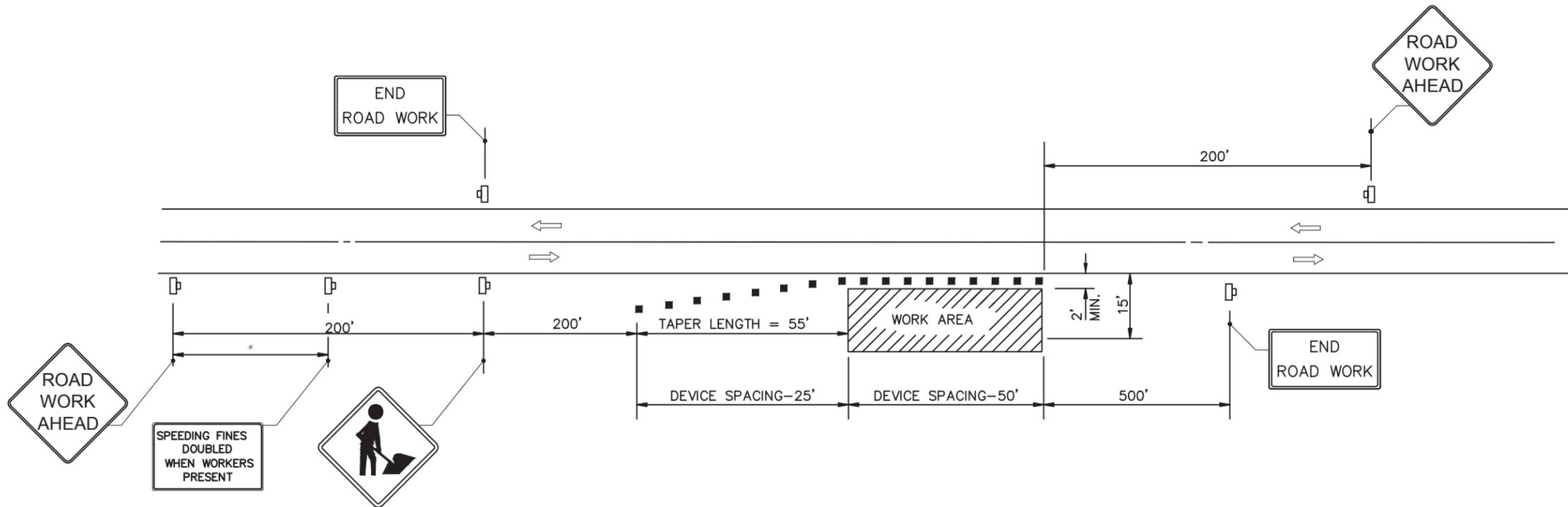
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END CONSTRUCTION
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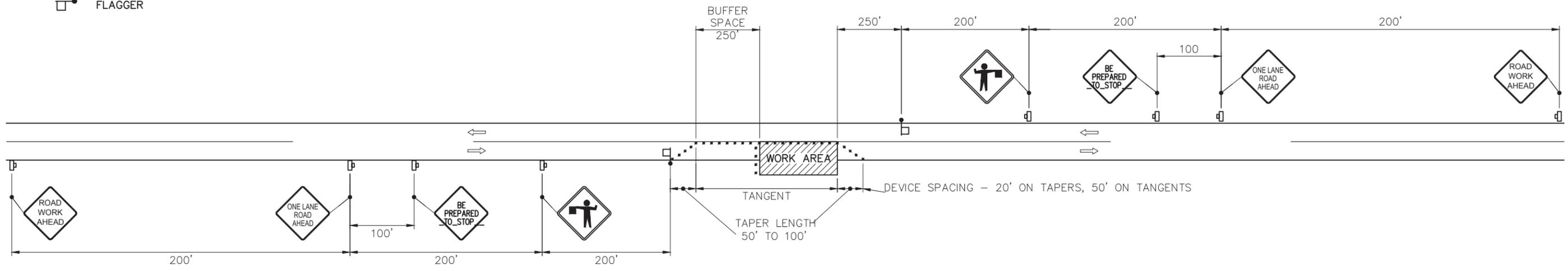
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*MIDWAY BETWEEN SIGNS.

SYMBOLS

-  WORK AREA
-  CHANNELIZING DEVICE (SEE FDOT STANDARD PLANS INDEX 102-600)
-  WORK ZONE SIGN
-  LANE IDENTIFICATION + DIRECTION OF TRAFFIC
-  FLAGGER



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STORMWATER POLLUTION PREVENTION PLAN

NARRATIVE DESCRIPTION

THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) NARRATIVE CONTAINS REFERENCES TO THE CONTRACT DOCUMENTS, THE FDOT DESIGN STANDARDS, AND OTHER SHEETS OF THESE CONSTRUCTION PLANS. THE COMPLETE STORMWATER POLLUTION PREVENTION PLAN IS COMPRISED OF SEVERAL ITEMS INCLUDING: THIS NARRATIVE DESCRIPTION, THE REFERENCED IN THIS NARRATIVE, THE CONTRACTOR'S APPROVED EROSION CONTROL PLAN (ECP) PREPARED AND SUBMITTED IN ACCORDANCE WITH SECTION 104 OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AS MODIFIED BY THE CONTRACT DOCUMENTS, AND REPORTS OF INSPECTIONS MADE DURING CONSTRUCTION.

1.0 SITE DESCRIPTION:

1.a. NATURE OF CONSTRUCTION ACTIVITY:

S.W. 136TH STREET ROADWAY IMPROVEMENTS PROJECT CONSISTS OF APPROXIMATELY 1.92 MILES OF CORRIDOR IMPROVEMENTS INCLUDING MILLING & PAVEMENT RESURFACING, ROADWAY WIDENING, CONSTRUCTION OF SHARED USE PATH, SIDEWALK, AND SWALES. THE PROJECT LIMITS OF CONSTRUCTION ARE FROM US-1 TO CUTLER ROAD.

1.b. SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:

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.

a. CLEARING & GRUBBING AND EARTHWORK

b. EARTHWORK ASSOCIATED WITH ROADWAY, SIDEWALK, SHARED USE PATH, SWALE, AND GUTTER, VALLEY GUTTER SUB GRADE, BASE AND PAVEMENT

1.a. AREA ESTIMATES:

TOTAL SITE AREA: 17.7 AC.
TOTAL AREA TO BE DISTURBED: 6.4 AC.

1.b. RUNOFF DATA:

RUNOFF COEFFICIENTS:
BEFORE: C=0.70
DURING: C=0.70
AFTER: C=0.83

SOILS DATA: THE RESULTS OF THE SOIL BORINGS ALONG THE ROADWAY CORRIDOR ARE SHOWN IN THE GEOTECHNICAL REPORT (PREPARED BY AREHNA ENGINEERING, INC.) AND INCLUDED AS PART OF THE CONSTRUCTION DOCUMENTS.

1.c. SITE MAP:

THE CONSTRUCTION PLANS ARE BEING USED AS THE SITE MAPS. THE LOCATION OF THE REQUIRED INFORMATION IS DESCRIBED BELOW. THE SHEET NUMBERS FOR THE PLAN SHEETS REFERENCED ARE IDENTIFIED ON THE KEY SHEET OF THESE CONSTRUCTION PLANS.

- APPROXIMATE SLOPES: THE SLOPES OF THE SITE CAN BE SEEN IN THE ROADWAY CROSS SECTION SHEETS.
- AREAS OF SOIL DISTURBANCE: THE AREAS TO BE DISTURBED ARE INDICATED ON THE ROADWAY PLAN SHEETS AND THE ROADWAY CROSS SECTION SHEETS. ANY AREAS WHERE PERMANENT FEATURES ARE SHOWN TO BE CONSTRUCTED ABOVE OR BELOW THE EXISTING GROUND WILL BE DISTURBED.
- AREAS TO BE STABILIZED: AREAS WHERE PERMANENT STABILIZATION IS REQUIRED ARE INDICATED ON THE TYPICAL SECTIONS.
- SURFACE WATERS: THERE ARE NO SURFACE WATERS WITHIN THE PROJECT LIMITS.
- DISCHARGE POINTS TO SURFACE WATERS: ALTHOUGH THERE ARE NO SURFACE WATERS WITHIN THE PROJECT LIMITS, THERE ARE EXISTING DRAINAGE CONNECTIONS TO EXISTING DISCHARGE POINTS TO SURFACE WATERS OUTSIDE OF THE PROJECT LIMITS. THE DISCHARGE OF ANY FOREIGN MATERIAL INTO THESE SURFACE WATERS SHALL NOT BE PERMITTED.

2.0 CONTROLS:

2.a. EROSION AND SEDIMENT CONTROLS:

IN THE EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED STABILIZATION AND STRUCTURAL PRACTICES BASED ON THE CONTRACTOR'S PROPOSED TRAFFIC CONTROL PLAN. THE FOLLOWING RECOMMENDED GUIDELINES ARE BASED ON THE TRAFFIC CONTROL PLAN OUTLINED IN THE CONSTRUCTION PLANS. THE CONTRACTOR MAY CHOOSE TO ACCEPT THE FOLLOWING GUIDELINES OR MODIFY THEM IN THE EROSION CONTROL PLAN, SUBJECT TO APPROVAL OF THE ENGINEER. AS WORK PROGRESSES, THE CONTRACTOR SHALL MODIFY THE PLAN TO ADOPT TO SEASONAL VARIATION, CHANGES IN CONSTRUCTION ACTIVITIES AND THE NEED FOR BETTER PRACTICES.

FOR EACH CONSTRUCTION PHASE, INSTALL PERIMETER CONTROLS AFTER CLEARING AND GRUBBING NECESSARY FOR THE INSTALLATION OF THESE CONTROLS BUT BEFORE BEGINNING ANY OTHER WORK WITHIN THE PHASE. REMOVE PERIMETER CONTROLS ONLY AFTER ALL UPSTREAM AREAS ARE STABILIZED.

MAINTENANCE OF TRAFFIC NARRATIVE:

REFER TO TRAFFIC CONTROL PLANS AND NOTES. SEE ROADWAY PLANS.

2.a.1 STABILIZATION PRACTICES:

IN THE EROSION CONTROL PLAN, THE CONTRACTOR SHALL INITIATE ALL STABILIZATION MEASURES AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS BEFORE THE ACTIVITY. IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. THE STABILIZATION PRACTICES SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER:

TEMPORARY:

- ARTIFICIAL COVERINGS
- TURF AND SOD

PERMANENT:

- ASPHALT OR CONCRETE SURFACE
- SOD

2.a.2 STRUCTURAL PRACTICES:

IN THE EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED STRUCTURAL PRACTICES TO CONTROL OR TRAP SEDIMENT AND OTHERWISE PREVENT THE DISCHARGE OF POLLUTANTS FROM 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:

- SILT FENCES AND INLET PROTECTION SYSTEM IN ACCORDANCE WITH THE FLORIDA STORMWATER EROSION AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL.

PERMANENT:

- SOD

2.b. STORMWATER MANAGEMENT:

RUNOFF WILL BE ROUTED, VIA OVERLAND FLOW, TOWARDS EXISTING INLETS, SWALES, PIPES, AND PROPOSED SWALES. WATER QUALITY FOR ADDITIONAL IMPERVIOUS AREA WILL BE PROVIDED BY PROPOSED SWALES.

2.c. OTHER CONTROLS:

2.c.1 WASTE DISPOSAL:

IN THE EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS TO PREVENT THE DISCHARGE OF SOLID MATERIALS, INCLUDING BUILDING MATERIALS, SANITARY WASTE AND HAZARDOUS WASTE TO WATERS OF THE UNITED STATES. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER:

- PROVIDING LITTER CONTROL AND COLLECTION WITHIN THE PROJECT DURING ALL CONSTRUCTION ACTIVITIES.
- DISPOSING OF ALL FERTILIZER OR OTHER CHEMICAL CONTAINERS ACCORDING TO EPA'S STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER.
- DISPOSING OF SOLID MATERIALS INCLUDING BUILDING AND CONSTRUCTION MATERIALS OFF THE PROJECT SITE BUT NOT IN SURFACE WATERS, OR WETLANDS.

2.c.2 OFF-SITE VEHICLE TRACKING & DUST CONTROL:

IN THE EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS FOR 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 HAUL TRUCKS WITH TARPULINS.
- REMOVING EXCESS DIRT FROM ROADS DAILY.
- STABILIZING CONSTRUCTION ENTRANCES ACCORDING TO THE FLORIDA STORMWATER EROSION AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL AND BROWARD COUNTY PUBLIC WORKS DEPARTMENT MINIMUM STANDARDS.
- USING ROADWAY SWEEPERS DURING DUST GENERATING ACTIVITIES SUCH AS EXCAVATION AND MILLING OPERATIONS.

2.c.3 STATE AND LOCAL REGULATIONS FOR WASTE DISPOSAL, SANITARY SEWER, OR SEPTIC TANK REGULATIONS:

IN THE EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED PROCEDURES TO COMPLY WITH APPLICABLE STATE AND LOCAL REGULATIONS FOR WASTE DISPOSAL, AND SANITARY SEWER OR SEPTIC SYSTEMS.

2.c.4 FERTILIZERS AND PESTICIDES:

IN THE EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROCEDURES FOR APPLYING FERTILIZERS AND PESTICIDES.

2.c.5 TOXIC SUBSTANCES:

IN THE EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A LIST OF TOXIC SUBSTANCES THAT ARE LIKELY TO BE USED ON THE JOB AND PROVIDE A PLAN ADDRESSING THE GENERATION, APPLICATION, MIGRATION, STORAGE, AND DISPOSAL OF THESE SUBSTANCES.

3.0 MAINTENANCE:

IN THE EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A PLAN FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROLS THROUGHOUT CONSTRUCTION. THE MAINTENANCE PLAN SHALL AT A MINIMUM, COMPLY WITH THE FOLLOWING:

- INLET PROTECTION. THE CONTRACTOR SHOULD REPLACE INLET PROTECTION AS REQUIRED DUE TO DAMAGE
- SILT FENCE

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4.0 INSPECTIONS:

QUALIFIED PERSONNEL SHALL INSPECT THE FOLLOWING ITEMS AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.50 INCHES OR GREATER. TO COMPLY, THE CONTRACTOR SHALL INSTALL AND MAINTAIN RAIN GAGES AND RECORD THE DAILY RAINFALL. WHERE SITES HAVE BEEN PERMANENTLY STABILIZED, INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH. THE CONTRACTOR SHALL ALSO INSPECT THAT CONTROLS INSTALLED IN THE FIELD AGREE WITH THE LATEST STORMWATER POLLUTION PREVENTION PLAN. THE FOLLOWING, AT A MINIMUM, SHOULD BE INSPECTED WITH THE ABOVE-MENTIONED FREQUENCIES:

- POINTS OF DISCHARGE TO WATERS OF THE UNITED STATES.
- POINTS OF DISCHARGE TO MUNICIPAL SEPARATE STORM SEWER SYSTEMS.
- DISTURBED AREAS OF THE SITE THAT HAVE BEEN FULLY STABILIZED.
- AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION.
- STRUCTURAL CONTROLS.
- STORMWATER MANAGEMENT SYSTEMS.
- LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE.

THE CONTRACTOR SHALL INITIATE REPAIRS WITHIN 24 HOURS OF INSPECTIONS THAT INDICATE ITEMS ARE NOT IN GOOD WORKING ORDER.

IF INSPECTIONS INDICATE THAT THE INSTALLED STABILIZATION AND STRUCTURAL PRACTICES ARE NOT SUFFICIENT TO MINIMIZE EROSION, RETAIN SEDIMENT, AND PREVENT DISCHARGING POLLUTANTS, THE CONTRACTOR SHALL PROVIDE ADDITIONAL MEASURES, AS APPROVED BY THE ENGINEER.

5.0 NON-STORMWATER DISCHARGES

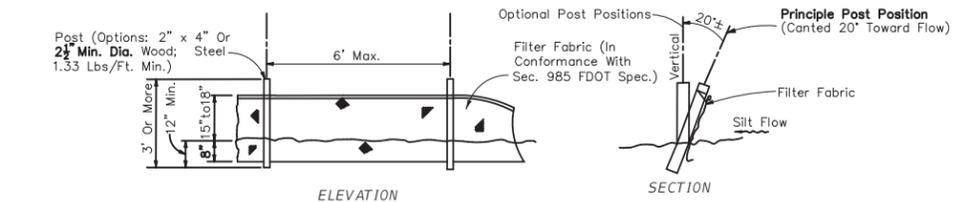
IN THE EROSION CONTROL PLAN, THE CONTRACTOR SHALL IDENTIFY ALL ANTICIPATED NON-STORMWATER DISCHARGES (EXCEPT FLOWS FROM FIRE FIGHTING ACTIVITIES). THE CONTRACTOR SHALL DESCRIBE THE PROPOSED MEASURES TO PREVENT POLLUTION OF THESE NON-STORMWATER DISCHARGES. IF THE CONTRACTOR ENCOUNTERS CONTAMINATED SOIL OR GROUNDWATER, CONTACT THE CITY OF WEST PARK IMMEDIATELY.

6.0 NPDES SUBMITTALS:

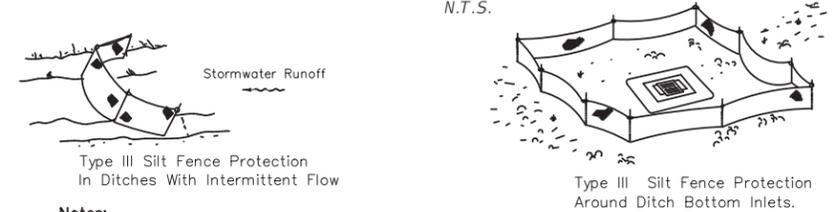
THE CONTRACTOR IS RESPONSIBLE FOR SUBMITTING AN EROSION CONTROL PLAN (ECP) TO MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY DIVISION FOR REVIEW AND APPROVAL PRIOR TO THE CONTRACTOR'S SUBMITTAL FOR THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP) NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT. IF THIS STORMWATER POLLUTION PREVENTION PLAN (SWPPP) IS ADOPTED AS PART OF THE CONTRACTOR'S ECP FOR THE PROJECT, COPIES OF THE SWPPP SHEETS AND OTHER PLAN SHEETS INCLUDED BY REFERENCE SHALL BE INCLUDED WITH THE ECP SUBMITTAL. THE CONTRACTOR MAY ELECT TO SUBMIT A REVISED SWPPP THAT IS IN COMPLIANCE WITH STORMWATER REGULATIONS AT 40 CFR 122.26 (BX14) AND STATE WATER QUALITY STANDARDS.

THE CONTRACTOR SHOULD BE AWARE THAT MODIFICATION OF THE TRAFFIC CONTROL PLANS MAY REQUIRE THE CONTRACTOR TO MODIFY THE SWPPP. THE CONTRACTOR'S MODIFIED SWPPP MUST BE PROVIDED TO MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY DIVISION FOR REVIEW PRIOR TO THE DEP APPLICATION SUBMITTAL.

THE NPDES PERMIT APPLICATION SHOULD BE SUBMITTED TO THE DEP THIRTY (30) DAYS BEFORE TO ANY CLEARING AND GRUBBING ACTIVITIES. NO SOIL DISTURBING ACTIVITIES CAN BE CONDUCTED UNTIL THE NPDES PACKAGE HAS BEEN MAILED TO THE FDEP, PROCESSED, AND APPROVED.



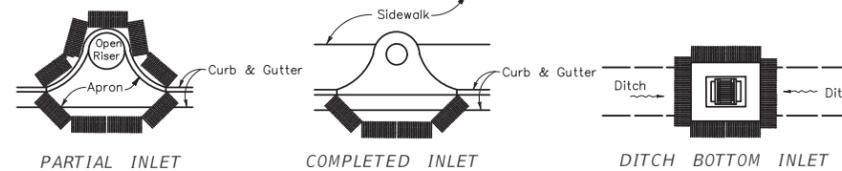
TYPE III SILT FENCE DETAIL
N.T.S.



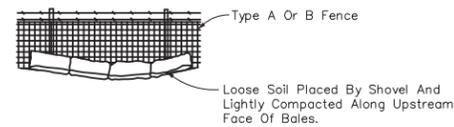
Notes:

1. Spacing for Silt Type III Fence to be in accordance with Chart 1, Sheet 1 of 3 per 2010-FDOT Standard Index 102
2. Do not deploy in a manner that silt fences will act as a dam across permanent flowing watercourses. Silt fences are to be used at upland locations and turbidity barriers used at permanent bodies of water.

SILT FENCE APPLICATIONS
N.T.S.



PROTECTION AROUND INLETS OR SIMILAR STRUCTURES
N.T.S.



BALES BACKED BY FENCE
N.T.S.

NOTES FOR SYNTHETIC BALES OR BALE TYPE BARRIERS

1. Type I and II Synthetic Barrier should be spaced in accordance with Chart 1, sheet 1 of 3 per 2010-FDOT Index 102.
2. Bales shall be anchored with 2-1" x 2" (or 1" dia.) x 4' wood stakes. Stakes of other material or shape providing equivalent strength may be used if approved by the Engineer. Stakes other than wood shall be removed upon completion of the project.
3. Rails and posts shall be 2" x 4" wood. Other materials providing equivalent strength may be used if approved by the Engineer.
4. Adjacent bales shall be butted firmly together.
5. Where used in conjunction with silt fence, bales shall be placed on the upstream side of the fence.

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**PROJECT NAME: SW 136TH ST
CROSS SECTION SOIL SURVEY FOR THE DESIGN OF ROADS**

DATE OF SURVEY: MAY 2019
SURVEY MADE BY: AREHNA ENGINEERING, INC.
SUBMITTED BY: ANGELA L. ALBA, P.E.

SURVEY BEGINS STA.: N/A SURVEY ENDS STA.: N/A

REFERENCE: N/A

DISTRICT: VI
ROAD No.: N/A
COUNTY: MIAMI-DADE

STRATUM NO.	ORGANIC CONTENT		MOISTURE CONTENT		SIEVE ANALYSIS RESULTS % PASS					ATTERBERG LIMITS (%)				DESCRIPTION	CORROSION TEST RESULTS					
	No. OF TESTS	% ORGANIC	No. OF TESTS	MOISTURE CONTENT	No. OF TESTS	10 MESH	40 MESH	60 MESH	100 MESH	200 MESH	NO. OF TESTS	LIQUID LIMIT	PLASTIC INDEX		AASHTO GROUP	NO. OF TESTS	RESISTIVITY OHM-CM	CHLORIDES PPM	SULFATE PPM	pH
1	--	----	1	13	1	62	57	46	19	10	--	----	----	A-3	LIGHT BROWN TO BROWN FINE SAND, OCCASIONALLY WITH FEW TO SOME LIMESTONE	--	----	----	----	----
2	--	----	1	37	1	52	43	35	26	18	--	----	----	A-2-4	BROWN SILTY FINE SAND, OCCASIONALLY WITH FEW LIMESTONE	--	----	----	----	----
3	--	----	2	41-44	2	100-97	97-95	93	90-88	88-86	2	52-56	12-15	A-7-5	GRAY CLAY	--	----	----	----	----
4	--	----	2	15	2	53-42	47-37	35-27	17-15	9	--	----	----	A-1-b	LIGHT BROWN TO GRAY SANDY LIMESTONE	--	----	----	----	----
5	--	----	--	----	--	----	----	----	----	----	--	----	----	----	SANDY LIMESTONE	--	----	----	----	----

EMBANKMENT AND SUBGRADE MATERIAL

STRATA BOUNDARIES ARE APPROXIMATE. MAKE FINAL CHECK AFTER GRADING.

☒ GROUNDWATER TABLE AT THE TIME OF DRILLING

GNE GROUNDWATER TABLE NOT ENCOUNTERED

NOTES:

1. THE MATERIAL FROM STRATUM 1 (A-3) APPEARS SATISFACTORY FOR USE IN THE EMBANKMENT WHEN UTILIZED IN ACCORDANCE WITH STANDARD PLANS, INDEX 120-001.
2. THE MATERIAL FROM STRATUM 2 (A-2-4) APPEARS SATISFACTORY FOR USE IN THE EMBANKMENT WHEN UTILIZED IN ACCORDANCE WITH STANDARD PLANS, INDEX 120-001. HOWEVER, THIS MATERIAL IS LIKELY TO RETAIN EXCESS MOISTURE AND MAY BE DIFFICULT TO DRY AND COMPACT. IT SHOULD BE USED IN THE EMBANKMENT ABOVE THE WATER LEVEL EXISTING AT THE TIME OF CONSTRUCTION.
3. THE MATERIAL FROM STRATUM 3 (A-7-5) IS HIGHLY PLASTIC (H) MATERIAL AND SHALL BE REMOVED IN ACCORDANCE WITH STANDARD PLANS, INDEX 120-002. IT MAY REMAIN IN PLACE ABOVE THE EXISTING WATER LEVEL (AT THE TIME OF CONSTRUCTION) TO WITHIN 2 FEET OF THE PROPOSED BASE. MATERIAL FROM STRATUM 3 EXCAVATED WITHIN THE PROJECT LIMITS MAY BE USED IN EMBANKMENT CONSTRUCTION AS INDICATED IN STANDARD PLANS, INDEX 120-002 (I.E. OUTSIDE CONTROL LINE).
4. THE MATERIAL FROM STRATA 4 AND 5 CORRESPONDS TO A LIMESTONE FORMATION THAT TYPICALLY OFFERS HIGH RESISTANCE TO EXCAVATION. SPECIAL EQUIPMENT AND BREAKING TOOLS MAY BE REQUIRED TO EXCAVATE IT. IN SHEETPILE WORK THIS MATERIAL WILL TYPICALLY REQUIRE PREDRILLING TO ASSIST IN OBTAINING THE REQUIRED PENETRATION. THIS MATERIAL IS ALSO DIFFICULT TO DEWATER DUE TO ITS HIGH POROSITY AND PERMEABILITY.

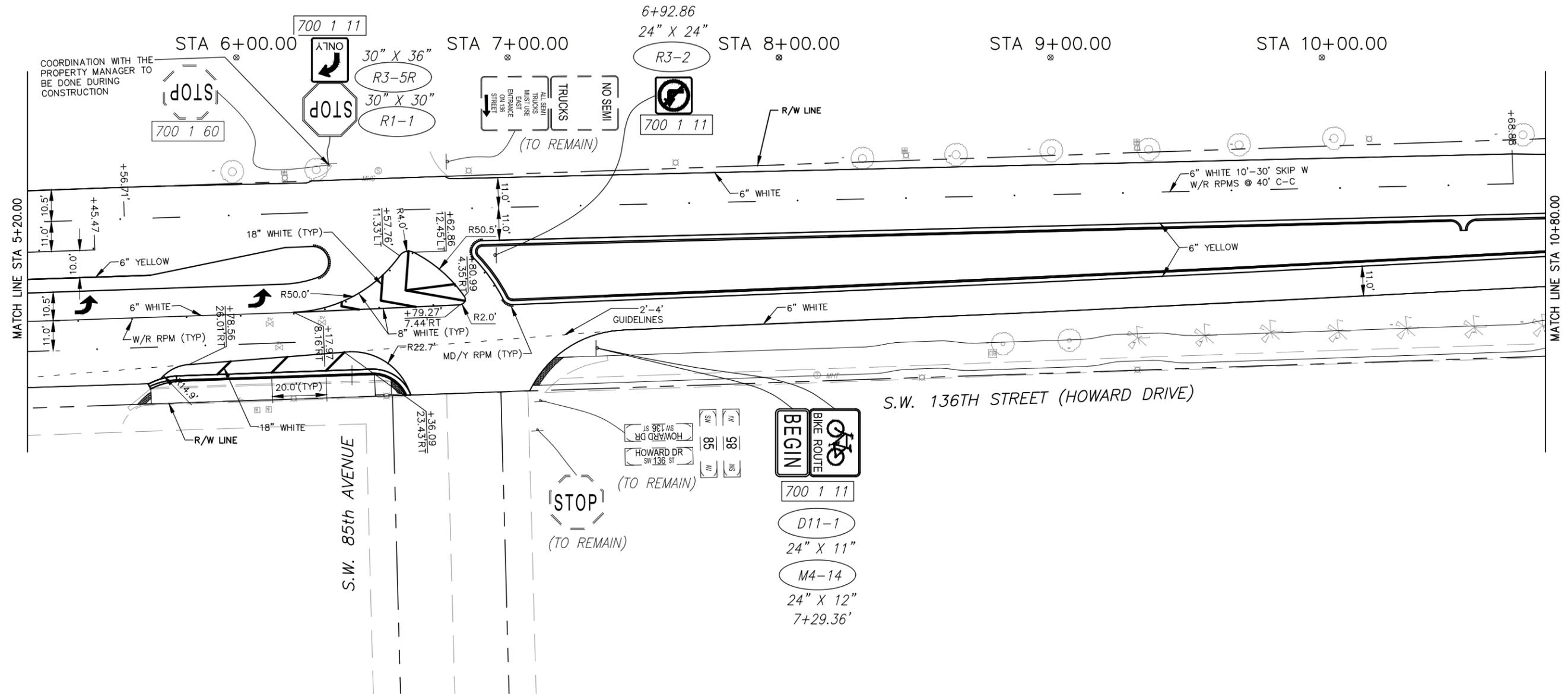
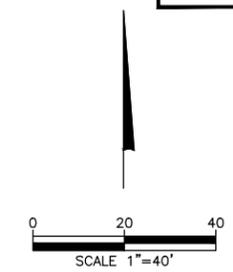
E:\1-Archival\Projects\19-030-19-030-SW 136th Street\19-030.dwg (4-SURVEY) 6/13/2019 9:51am

<table border="1"> <thead> <tr> <th colspan="3">REVISIONS</th> </tr> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTIONS</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>			REVISIONS			NO.	DATE	DESCRIPTIONS										PREPARED BY:  AREHNA Engineering, Inc. 5012 West Lemon Street, Tampa, FL 33609 Phone 813.944.3464 Fax 813.944.4959 Certificate of Authorization No. 28410	ROADWAY SOIL SURVEY	<table border="1"> <thead> <tr> <th>NAME</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>DESIGNED BY: AL</td> <td>5/2019</td> </tr> <tr> <td>DRAWN BY: DG</td> <td>5/2019</td> </tr> <tr> <td>CHECKED BY: AT</td> <td>5/2019</td> </tr> <tr> <td>SUPERVISED BY: Angela L. Alba, P.E.</td> <td> </td> </tr> </tbody> </table>	NAME	DATE	DESIGNED BY: AL	5/2019	DRAWN BY: DG	5/2019	CHECKED BY: AT	5/2019	SUPERVISED BY: Angela L. Alba, P.E.		PROJECT NAME SW 136TH ST PINECREST, FLORIDA	PROJECT NO. B-19-030	SHEET NO. 45
REVISIONS																																	
NO.	DATE	DESCRIPTIONS																															
NAME	DATE																																
DESIGNED BY: AL	5/2019																																
DRAWN BY: DG	5/2019																																
CHECKED BY: AT	5/2019																																
SUPERVISED BY: Angela L. Alba, P.E.																																	

TABULATION OF QUANTITIES																						
PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS																			
			SHT S-2		SHT S-3		SHT S-4		SHT S-5		SHT S-6		SHT S-7		SHT S-8		SHT S-9		SHT S-10		SHT S-11	
			ORIG.	FINAL	ORIG.	FINAL	ORIG.	FINAL	ORIG.	FINAL	ORIG.	FINAL	ORIG.	FINAL	ORIG.	FINAL	ORIG.	FINAL	ORIG.	FINAL	ORIG.	FINAL
700-1-11	SINGLE POST SIGN, FURNISH & INSTALL GROUND MOUNT UP TO 12 SF	AS	1		1		4		1		3		1		1		7		3		7	
700-1-50	RELOCATED WITHIN PROJECT	AS					3		2		2		1		2		1		2		1	
700-1-60	SINGLE POST REMOVE	AS	1				4		1		1		1		1		3		2		5	
700-3-501	RELOCATE PANEL ONLY; DOES NOT INCLUDE POST; UP TO 12 SF	AS																				
706-3	RETRO - REFLECTIVE PAVEMENT MARKINGS	EA	117		99		163		33		42		39		26		22		28		86	
711-11-121	THERMOPLASTIC, WHITE, SOLID, 6"	LF	1615.2		1235		1119		1008		1284		1163		1055		1060		1960		1731	
711-11-122	THERMOPLASTIC, WHITE, SOLID, 8"	LF			219																	
711-11-123	THERMOPLASTIC, WHITE, SOLID, 12"	LF	225				309		312		459		70		188		170		77		494	
711-11-124	THERMOPLASTIC, WHITE, SOLID, 18"	LF			87														172		68	
711-11-125	THERMOPLASTIC, WHITE, SOLID, 24"	LF	272				104		78		117		14		33		27		106		634	
711-11-131	THERMOPLASTIC, STD, WHITE, SKIP, 6"	GM	0.11		0.1																	
711-11-160	THERMOPLASTIC (WHITE) MESSAGE	EA	1		4		16		4				8		4		13				4	
711-11-170	THERMOPLASTIC, WHITE, ARROWS	EA	10		4		9		2		4		4		2		6				11	
711-11-221	THERMOPLASTIC, STD, YELLOW,SOLID, 6"	LF	724.4		1024		1657		482		776		863		301		201		960		1354	
711-11-224	THERMOPLASTIC, STD, YELLOW,SOLID, 18"	LF	5.5				54						10								62	
711-11-231	THERMOPLASTIC, STD, YELLOW,SKIP, 6"	GM							0.1		0		0		0.1		0.1		0			
711-11-151	THERMOPLASTIC (WHITE) DOTTED/GUIDELINE 6"	LF	67.1		99								119								0.03	
711-3-3	PAVEMENT MESSAGES (SCHOOL)	EA																	1			

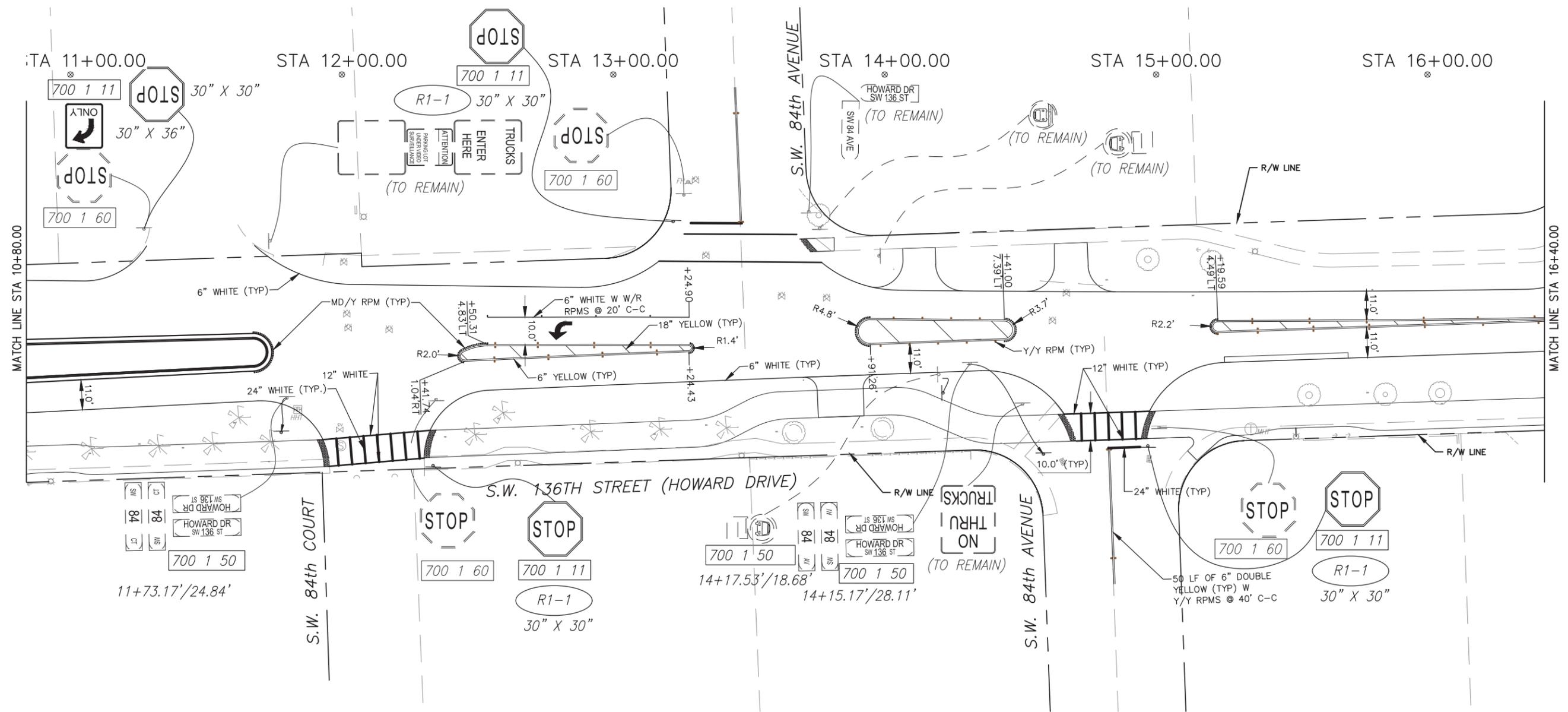
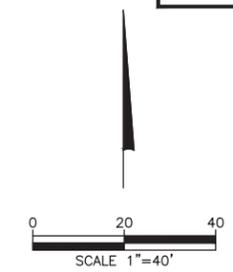
TABULATION OF QUANTITIES																						
PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS																		GRAND TOTAL	
			SHT S-12		SHT S-13		SHT S-14		SHT S-15		SHT S-16		SHT S-17		SHT S-18		SHT S-19		SHT S-20			
			ORIG.	FINAL	ORIG.	FINAL	ORIG.	FINAL	ORIG.	FINAL	ORIG.	FINAL	ORIG.	FINAL	ORIG.	FINAL	ORIG.	FINAL	ORIG.	FINAL	ORIG.	FINAL
700-1-11	SINGLE POST SIGN, FURNISH & INSTALL GROUND MOUNT UP TO 12 SF	AS	3		2		5		1		2		1		2		1		2		48	
700-1-50	RELOCATED WITHIN PROJECT	AS	1		1		2		1		2		1								22	
700-1-60	SINGLE POST REMOVE	AS	3		2		5		1		2		1		2		1				36	
700-3-501	RELOCATE PANEL ONLY; DOES NOT INCLUDE POST; UP TO 12 SF	AS					1		1												2	
706-3	RETRO - REFLECTIVE PAVEMENT MARKINGS	EA	39		22		28		22		18		8		17		17		6		832	
711-11-121	THERMOPLASTIC, WHITE, SOLID, 6"	LF	1066		1066		975		1064		846		306		1083		1086		282		26015	
711-11-122	THERMOPLASTIC, WHITE, SOLID, 8"	LF																			219	
711-11-123	THERMOPLASTIC, WHITE, SOLID, 12"	LF	77		145		474.3		154		155		135		83		76		50		3651	
711-11-124	THERMOPLASTIC, WHITE, SOLID, 18"	LF																			327	
711-11-125	THERMOPLASTIC, WHITE, SOLID, 24"	LF	35		23		53		28		29		75		15		12		60		1715	
711-11-131	THERMOPLASTIC, STD, WHITE, SKIP, 6"	GM																			0.23	
711-11-160	THERMOPLASTIC (WHITE) MESSAGE	EA			8		8		8				8						4		90	
711-11-170	THERMOPLASTIC, WHITE, ARROWS	EA			4		8		6		2		4				1		4		81	
711-11-221	THERMOPLASTIC, STD, YELLOW,SOLID, 6"	LF	763		201		528		264		264		264		288		300		264		11479	
711-11-224	THERMOPLASTIC, STD, YELLOW,SOLID, 18"	LF	26																		158	
711-11-231	THERMOPLASTIC, STD, YELLOW,SKIP, 6"	GM	0.1		0.1		0.106		0.1		0.1				0.1		0.1				1.03	
711-11-151	THERMOPLASTIC (WHITE) DOTTED/GUIDELINE 6"	LF																			285	
711-3-3	PAVEMENT MESSAGES (SCHOOL)	EA	1																		2	

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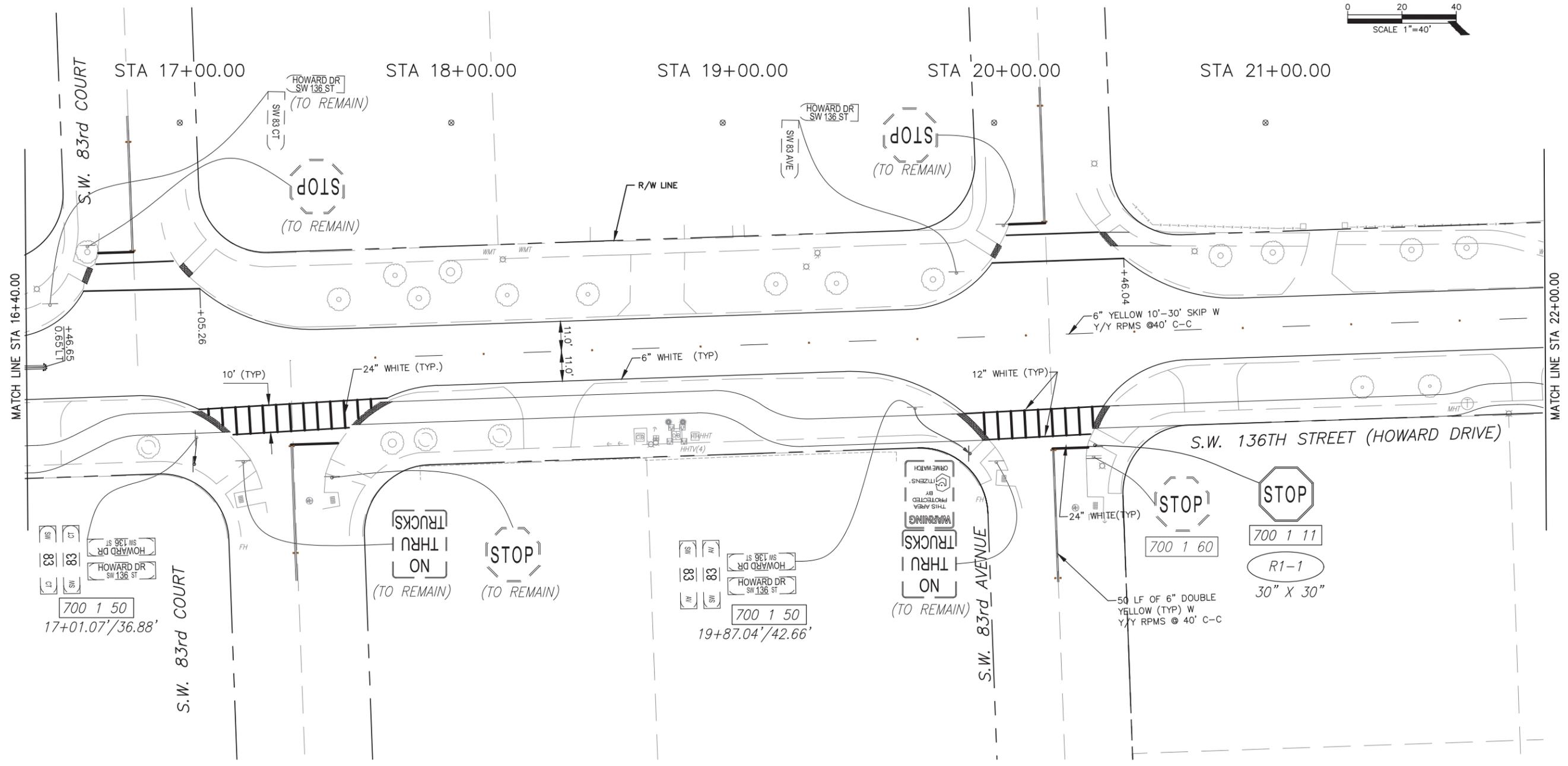
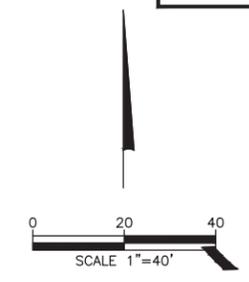
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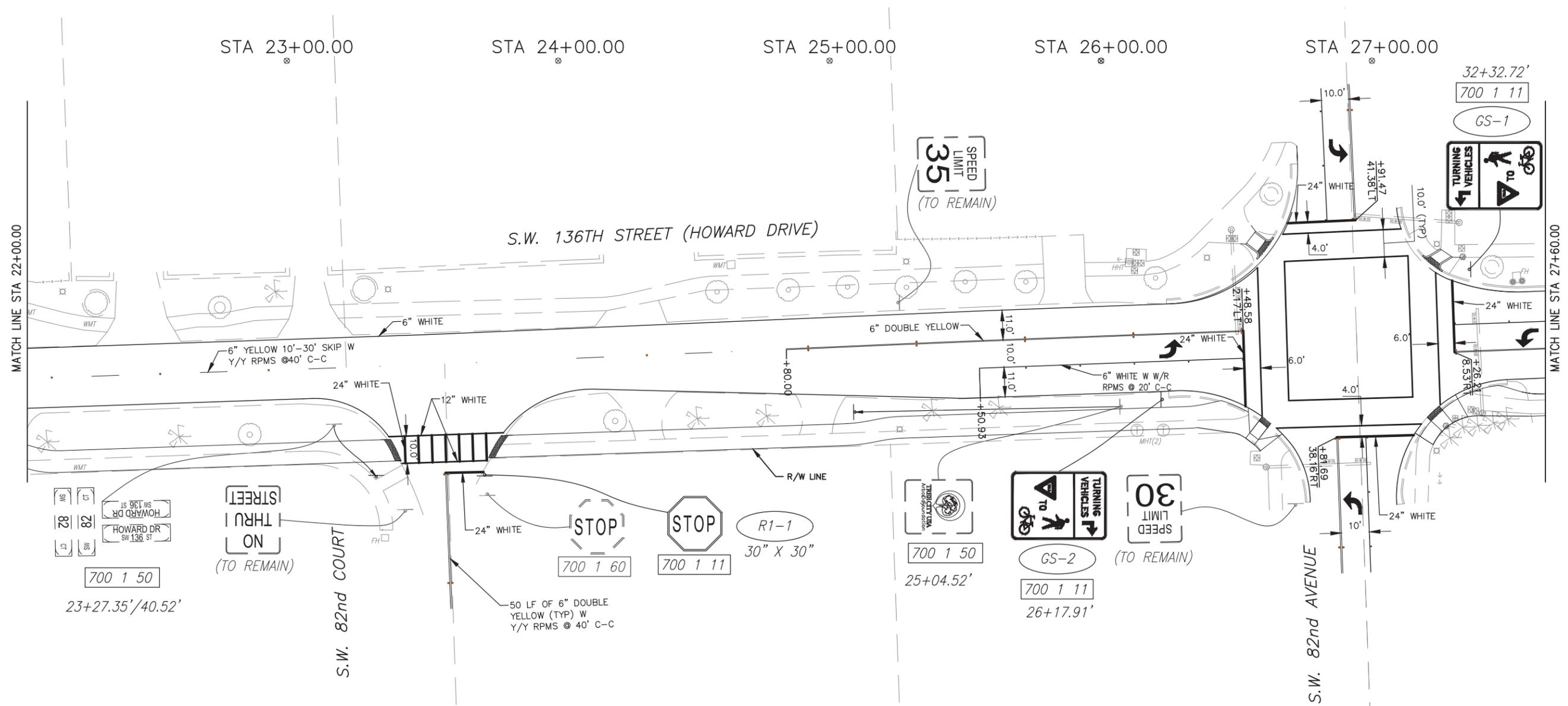
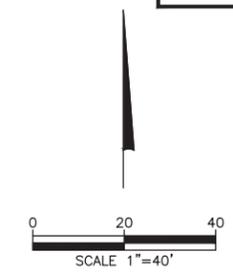
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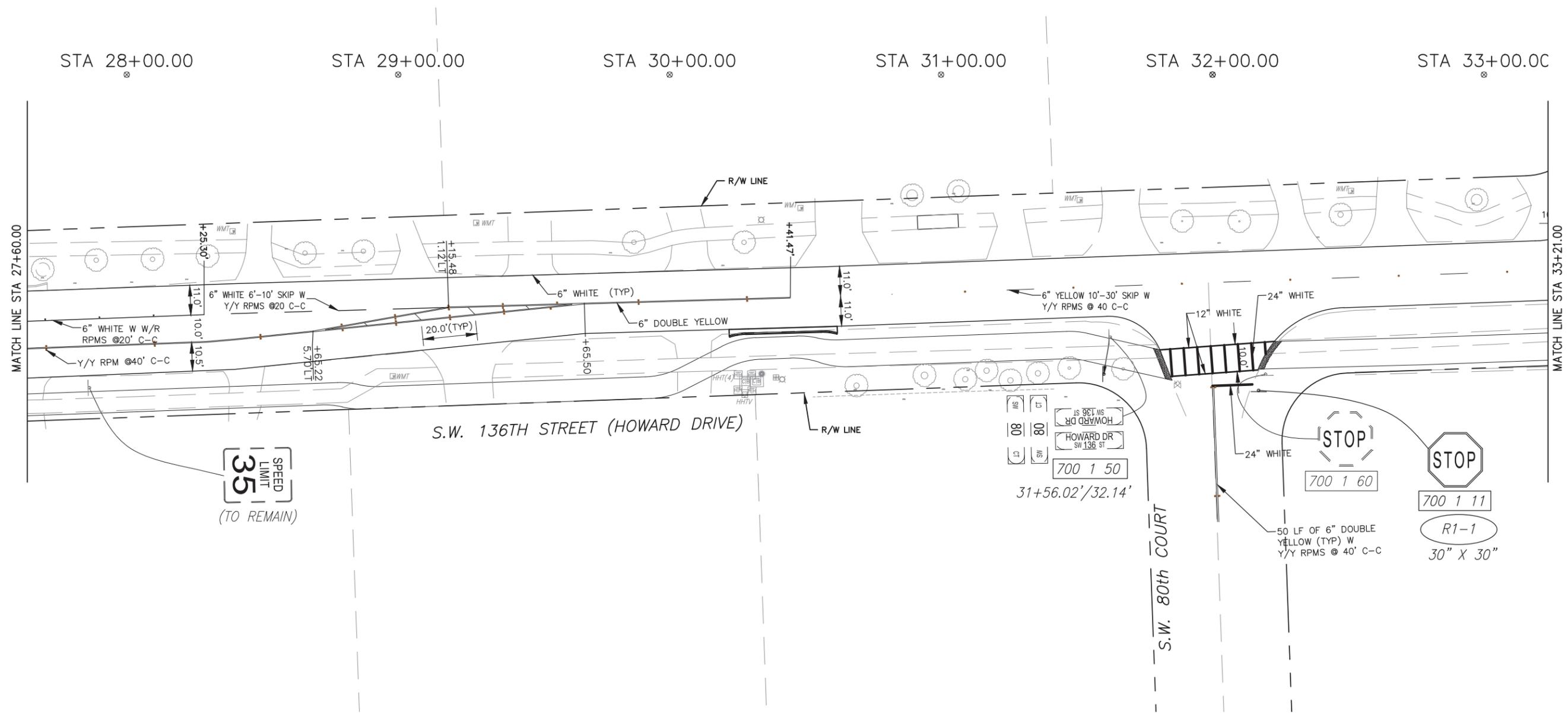
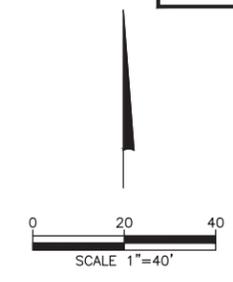
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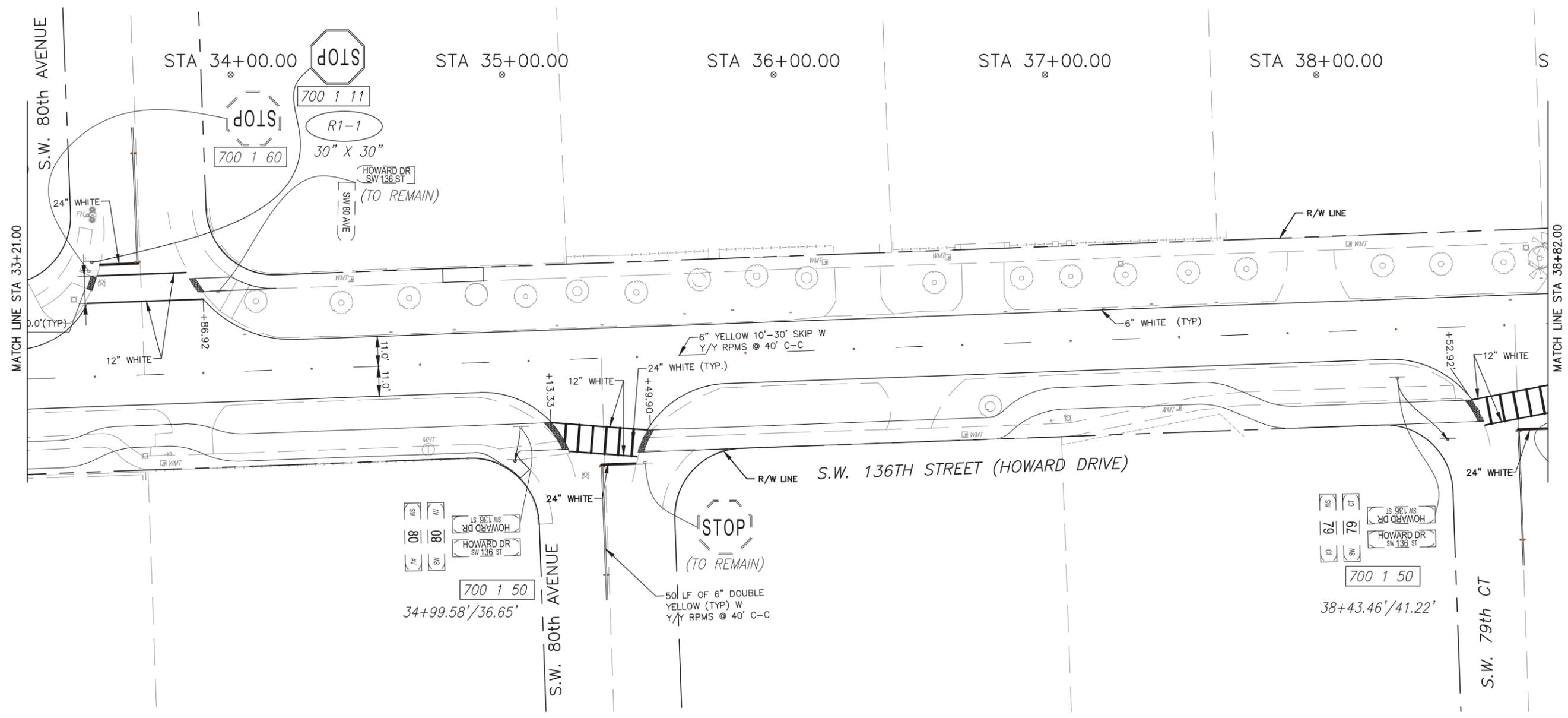
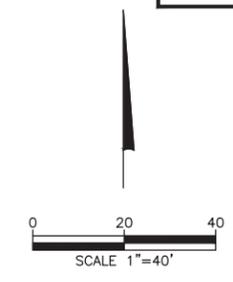
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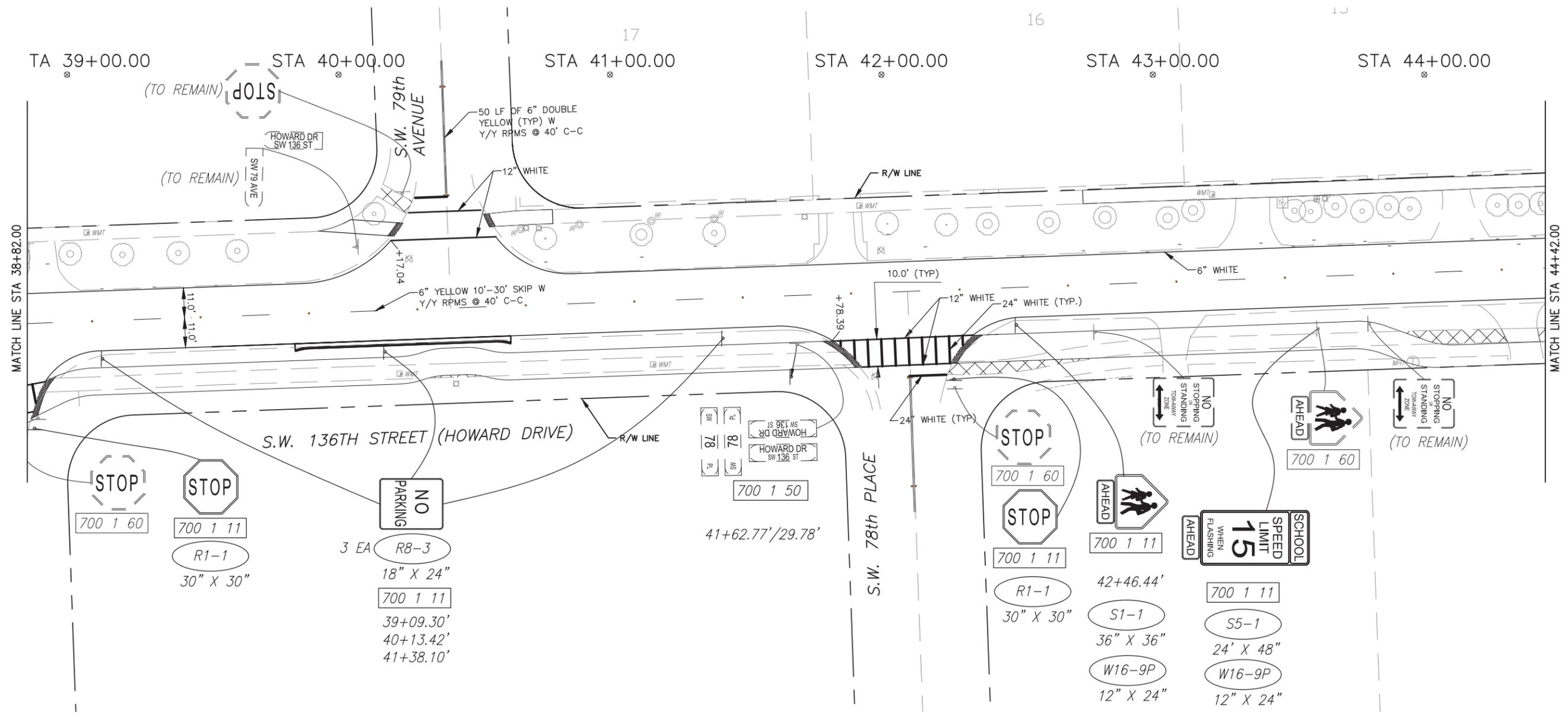
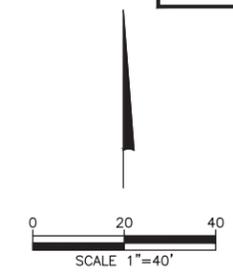
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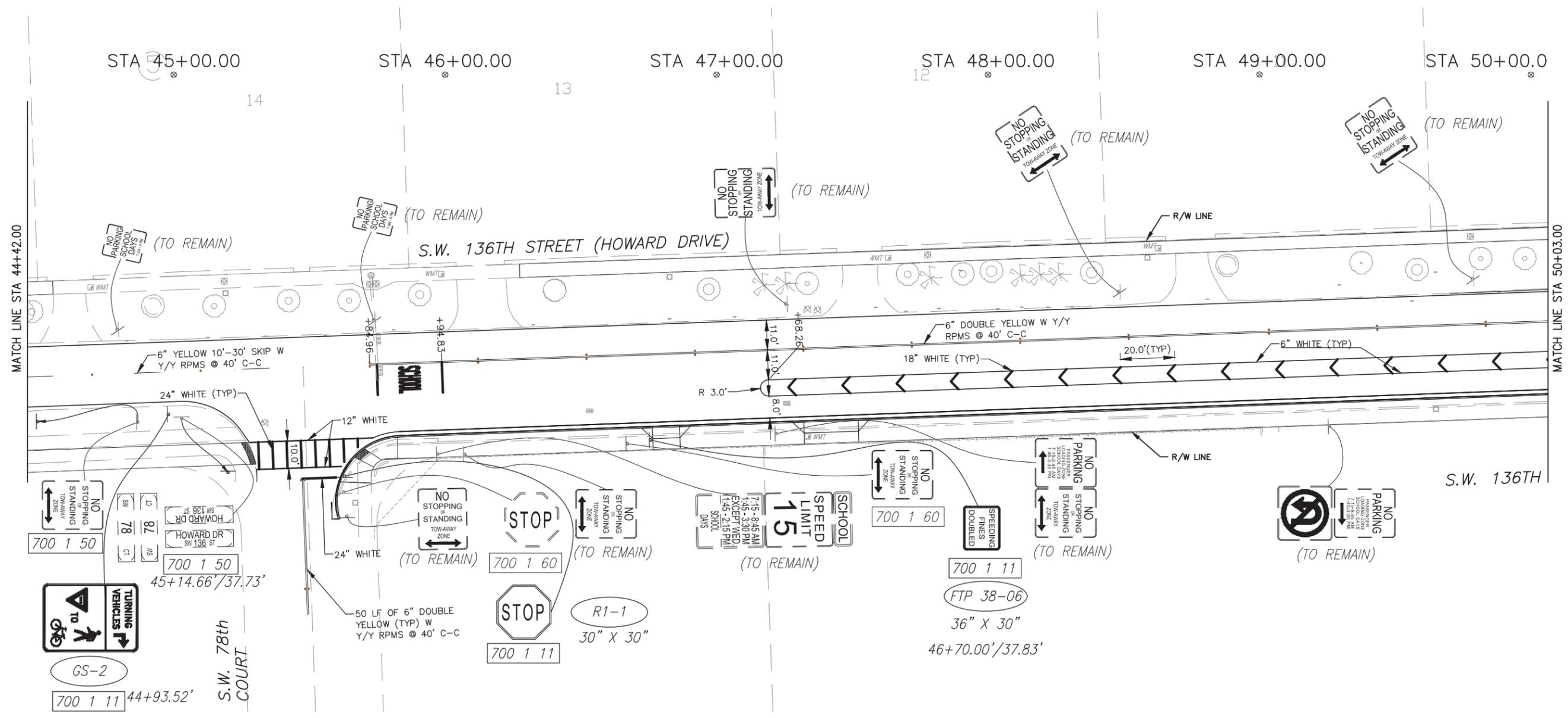
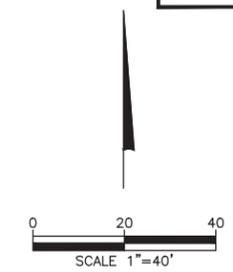
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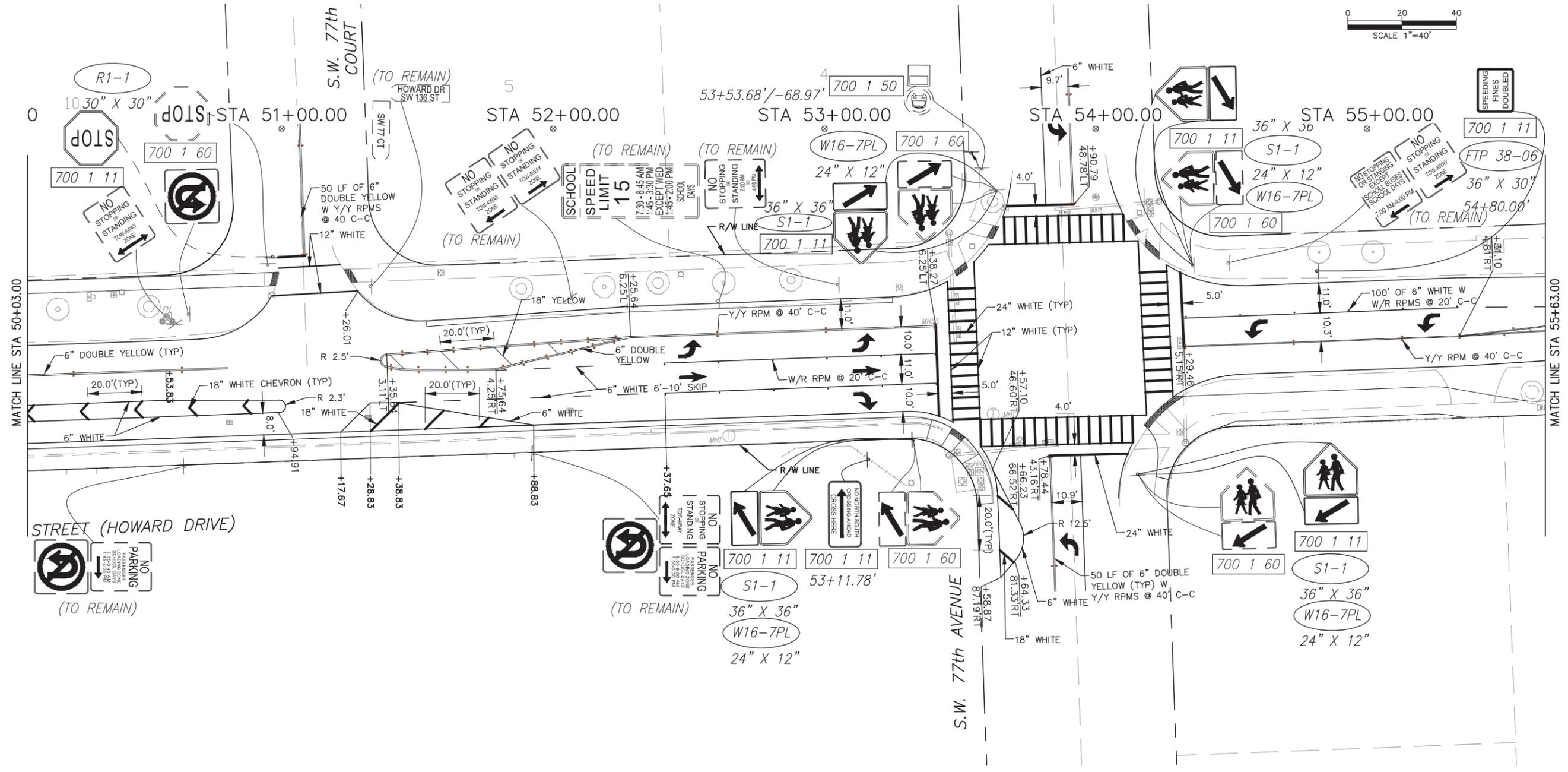
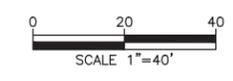
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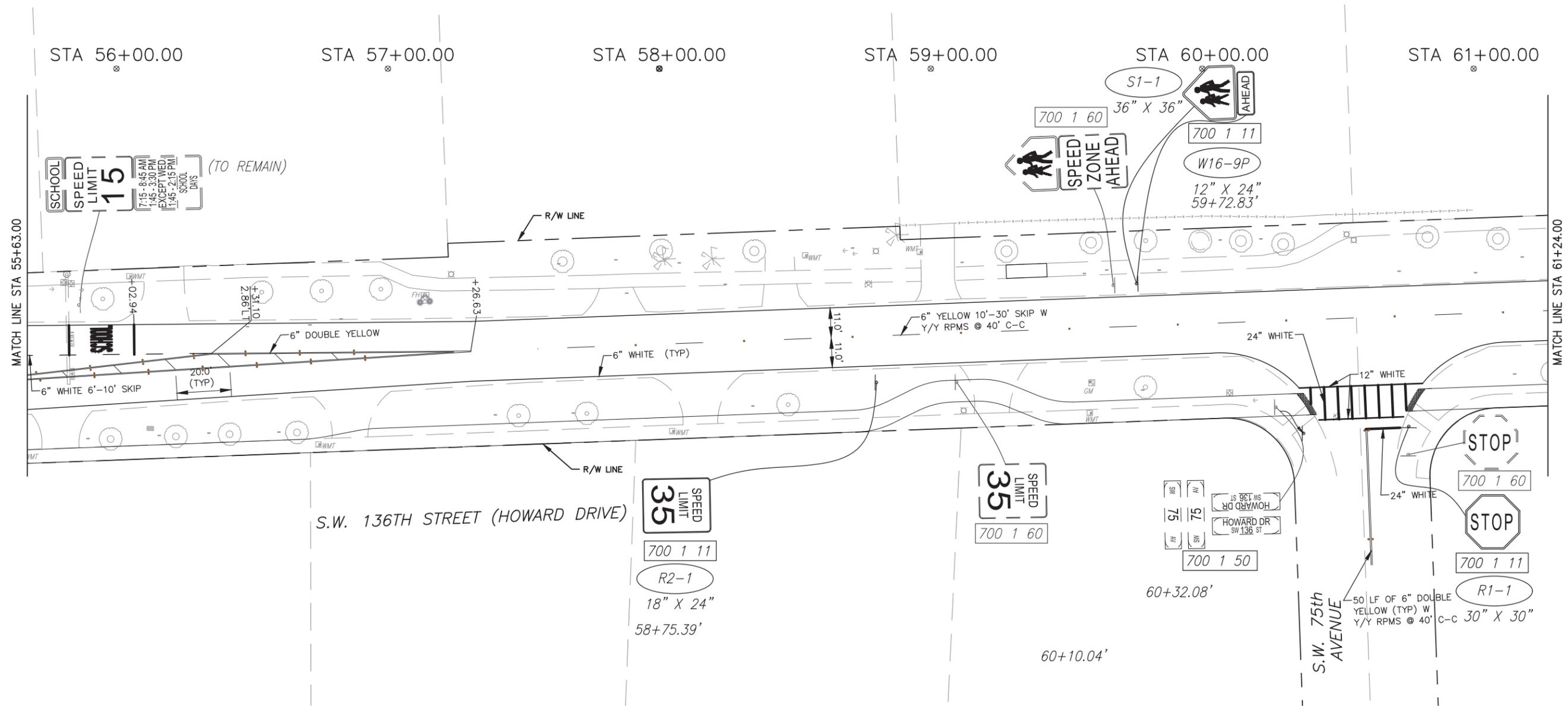
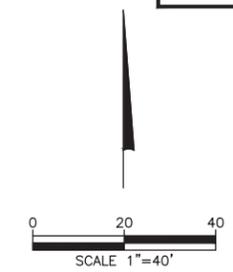
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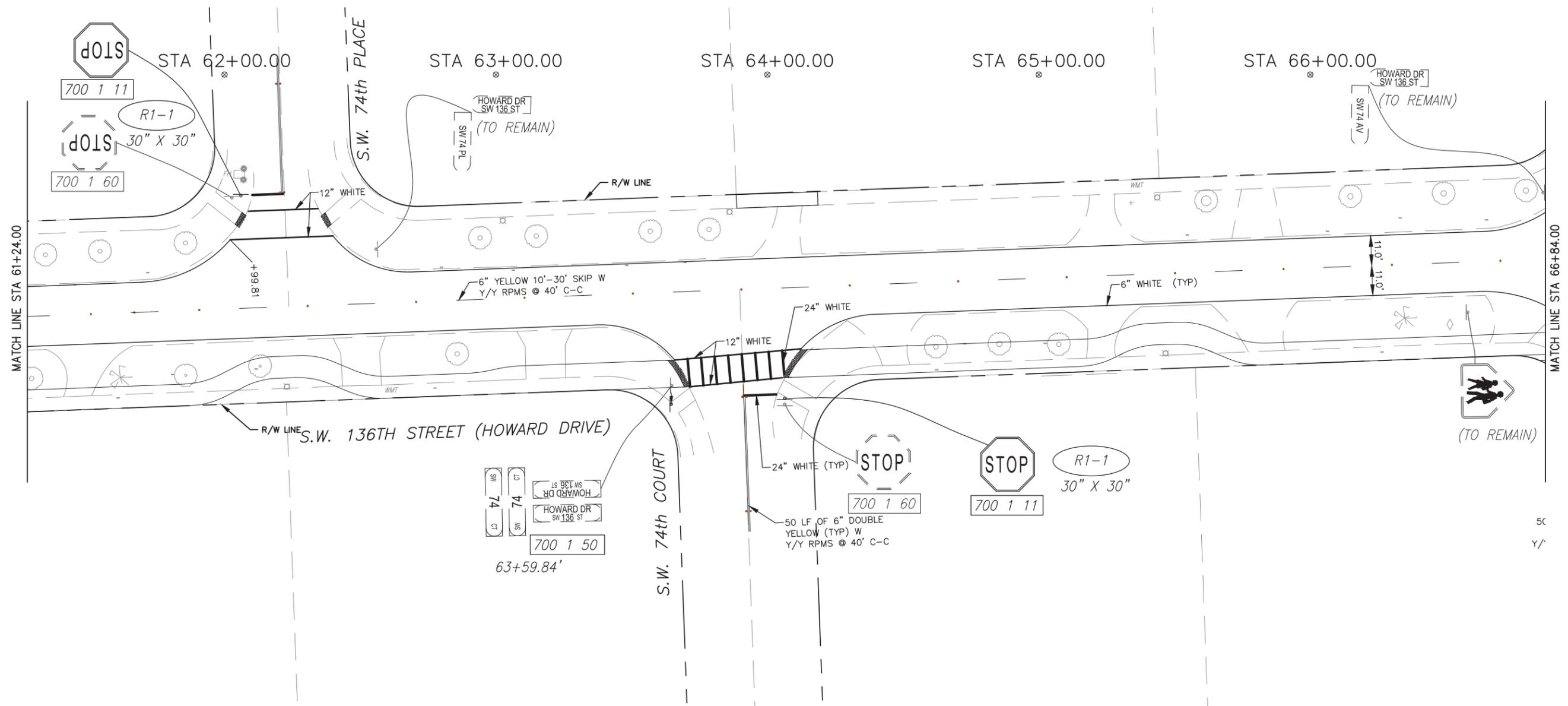
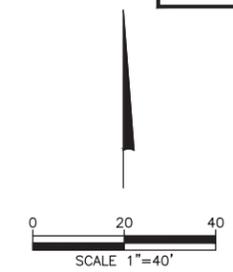
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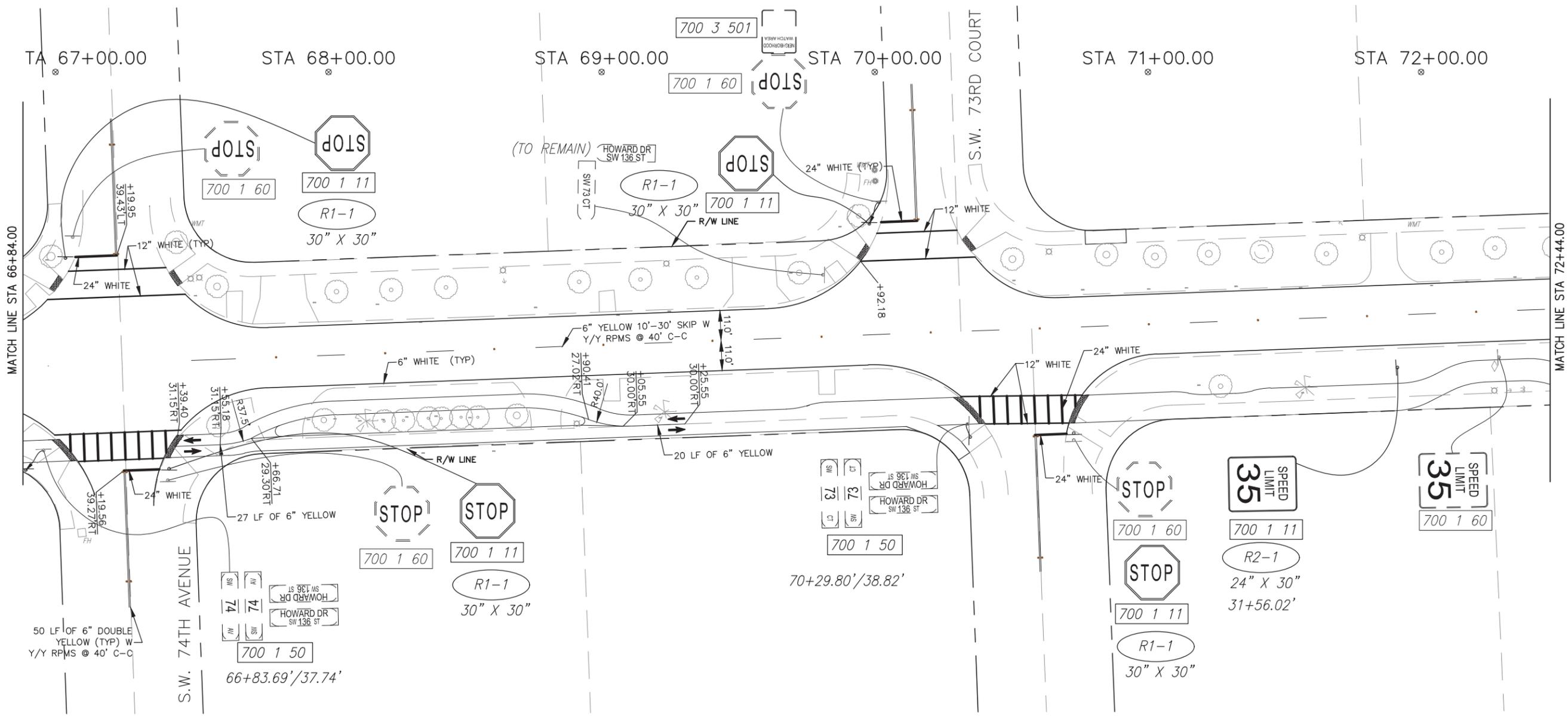
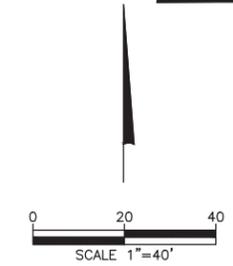
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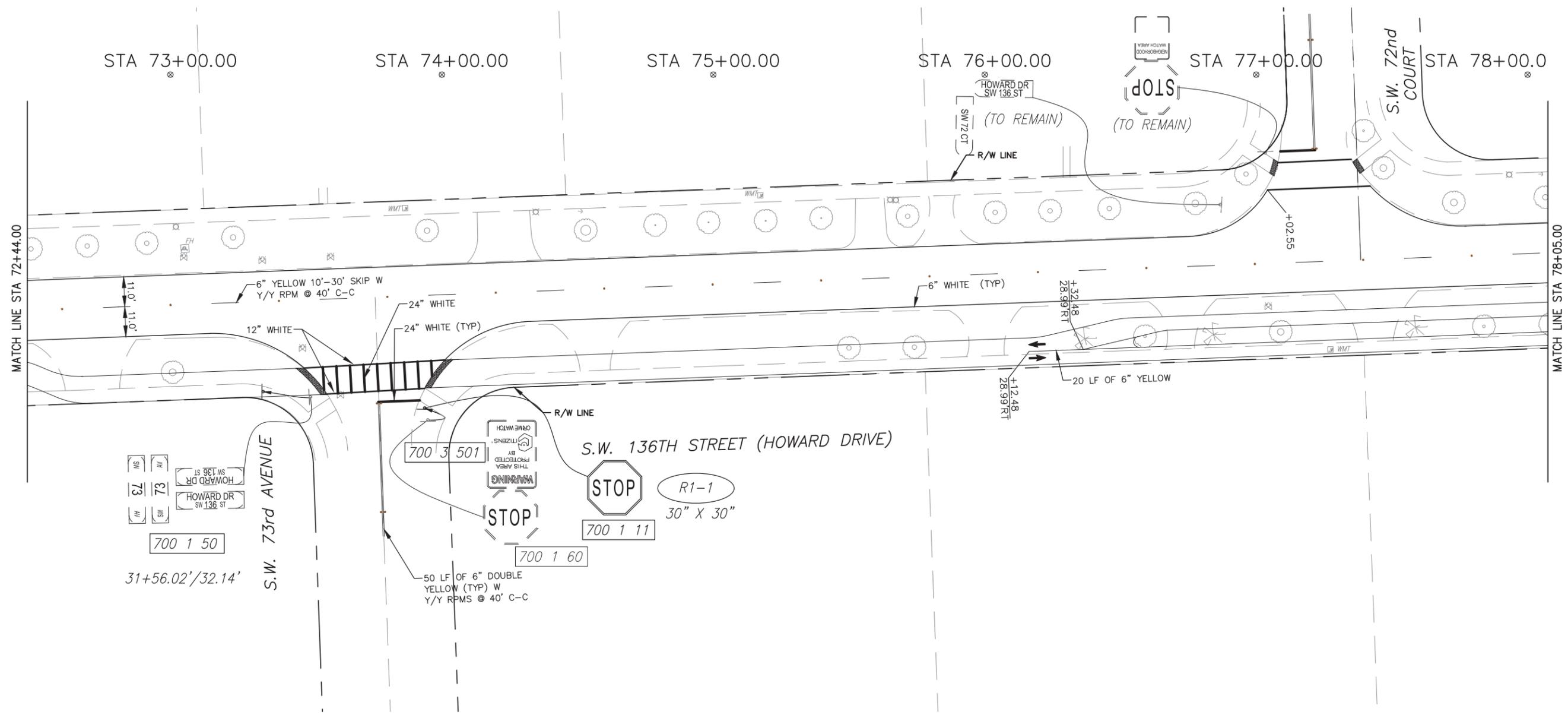
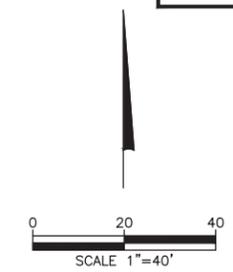
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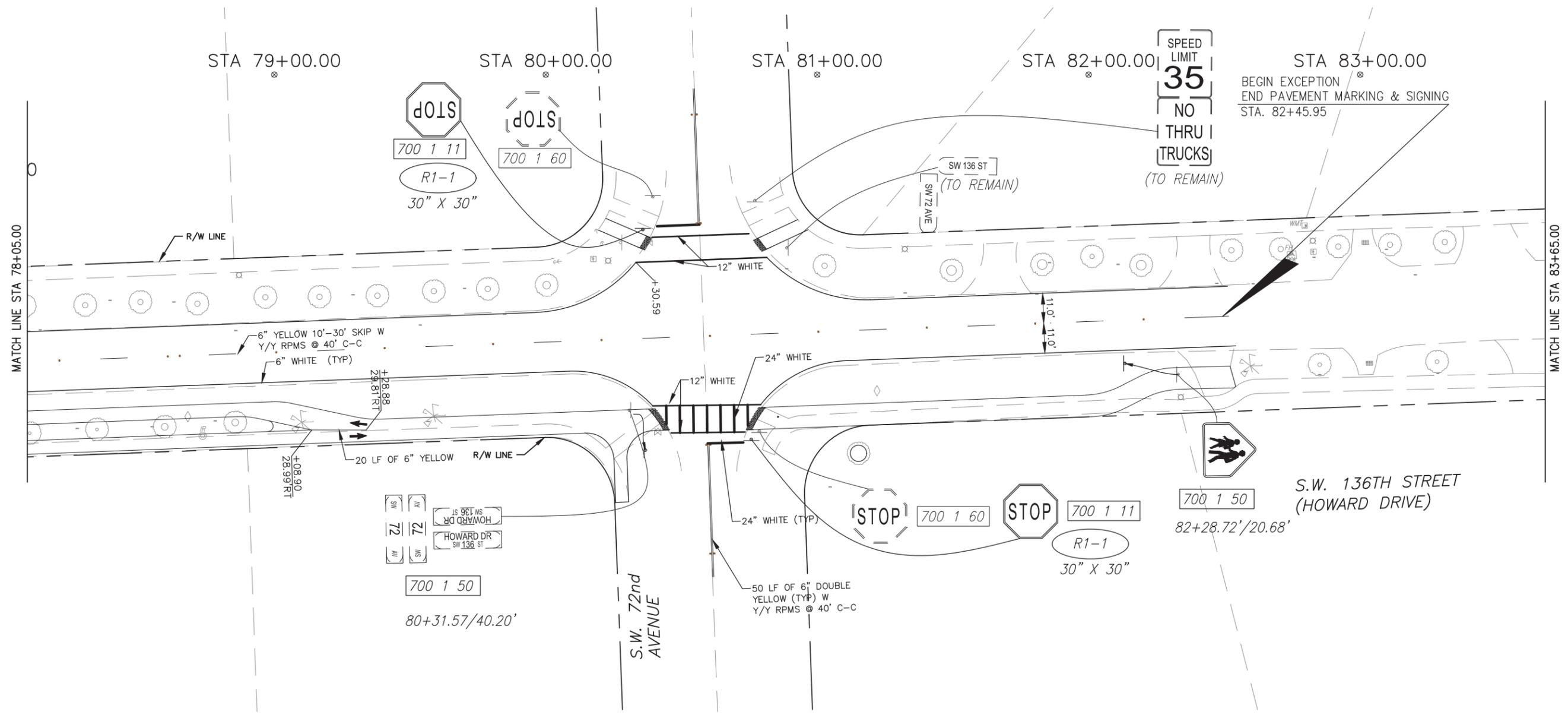
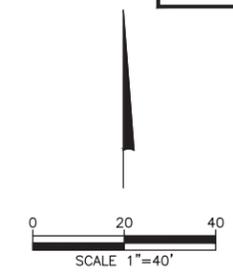
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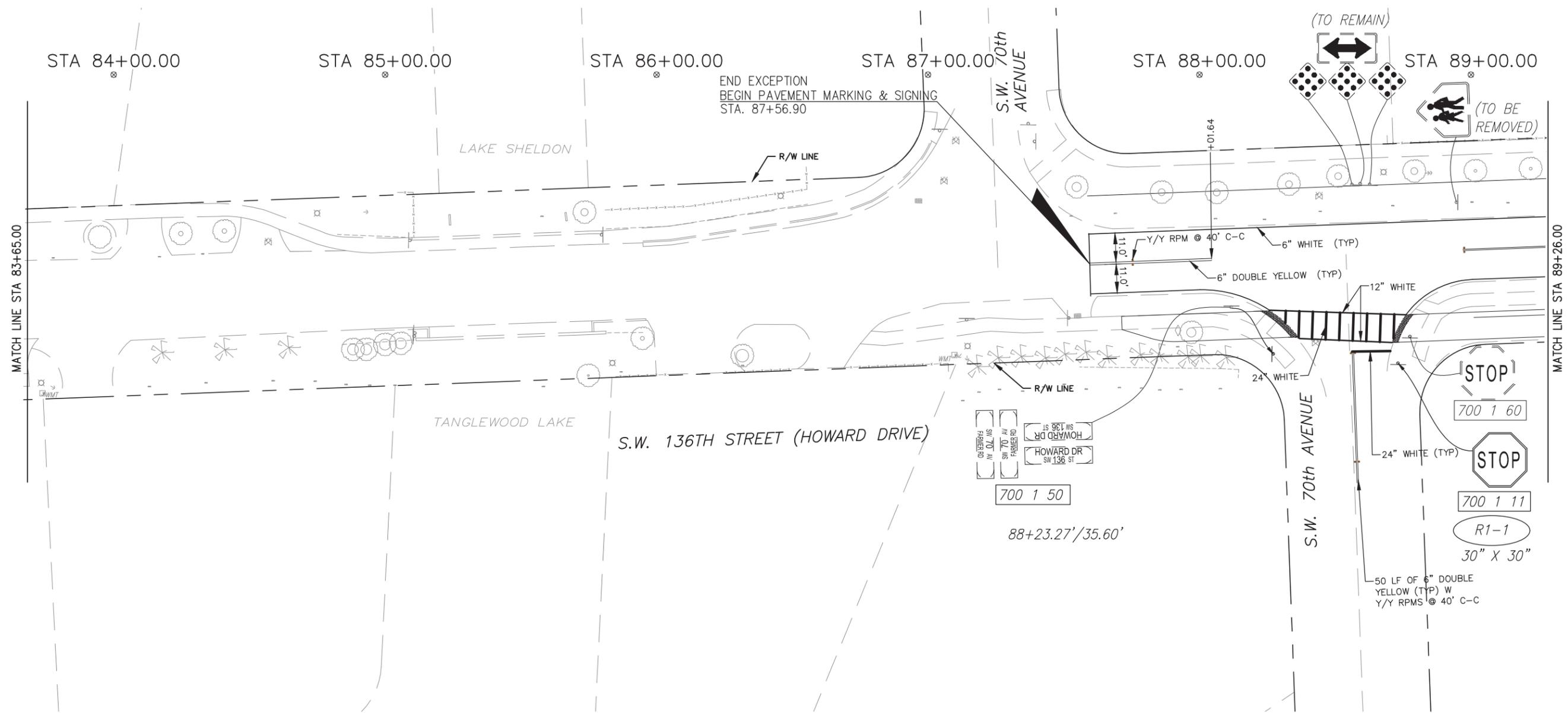
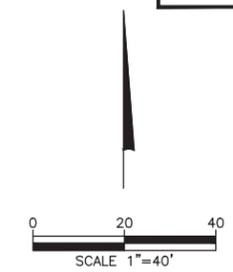
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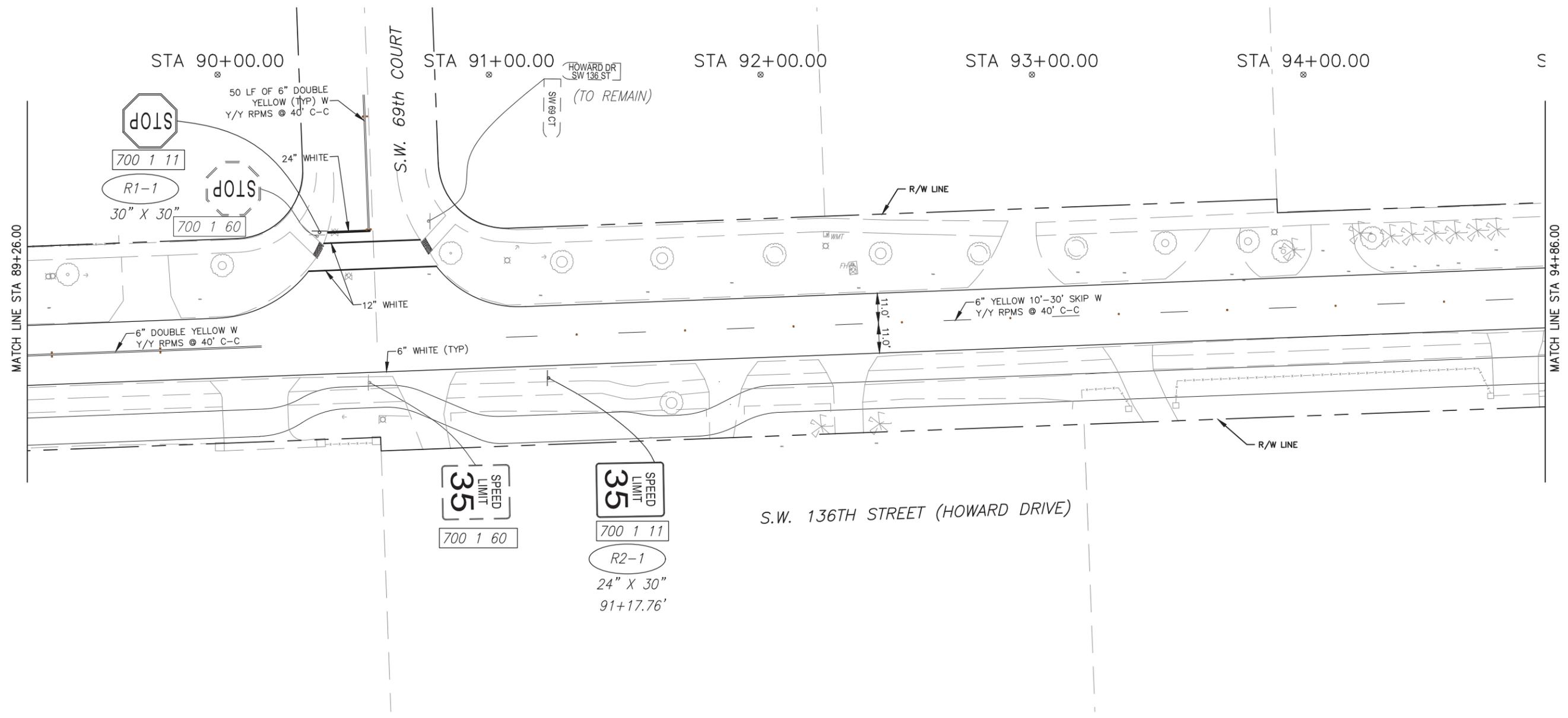
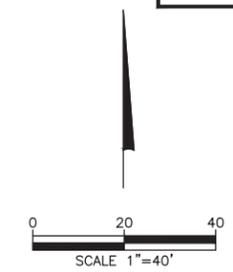
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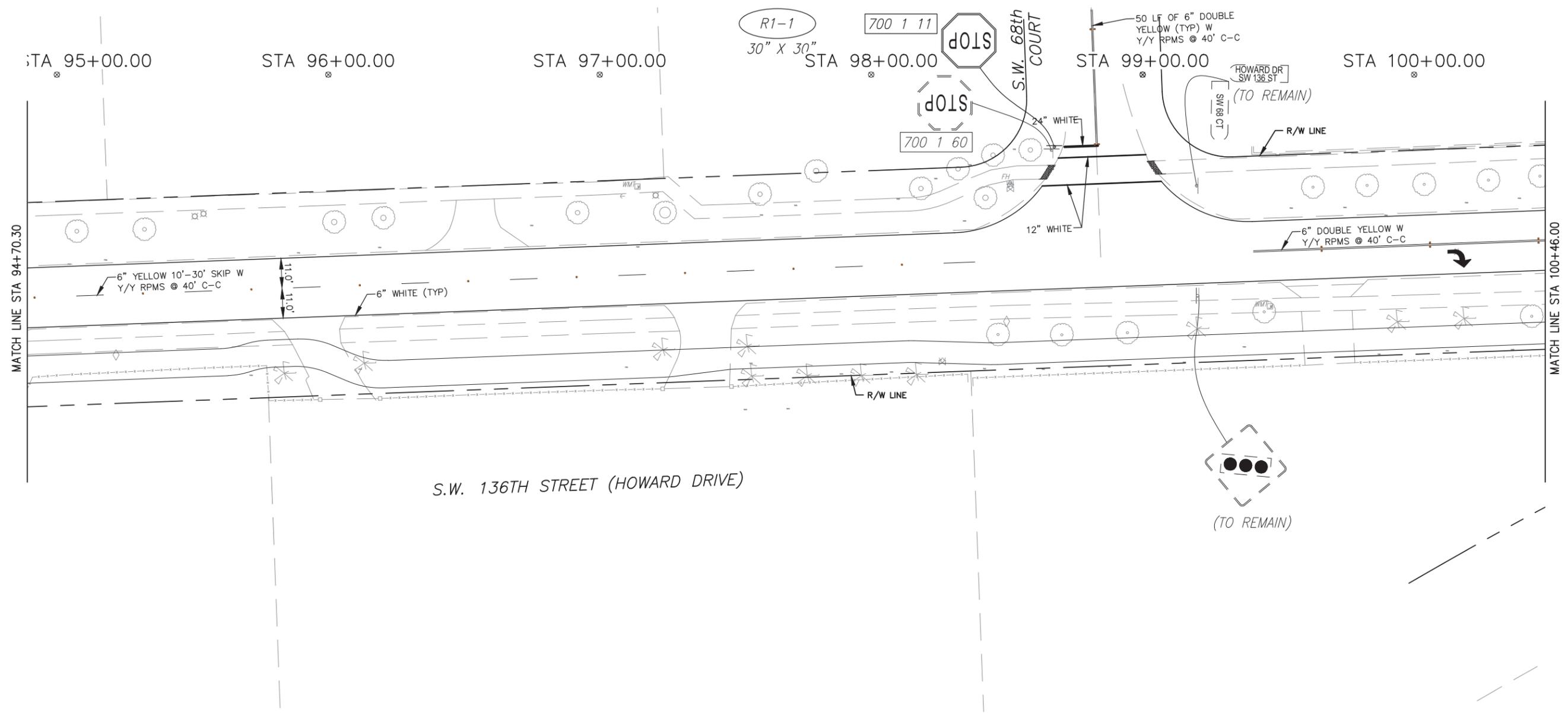
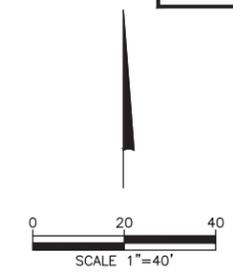
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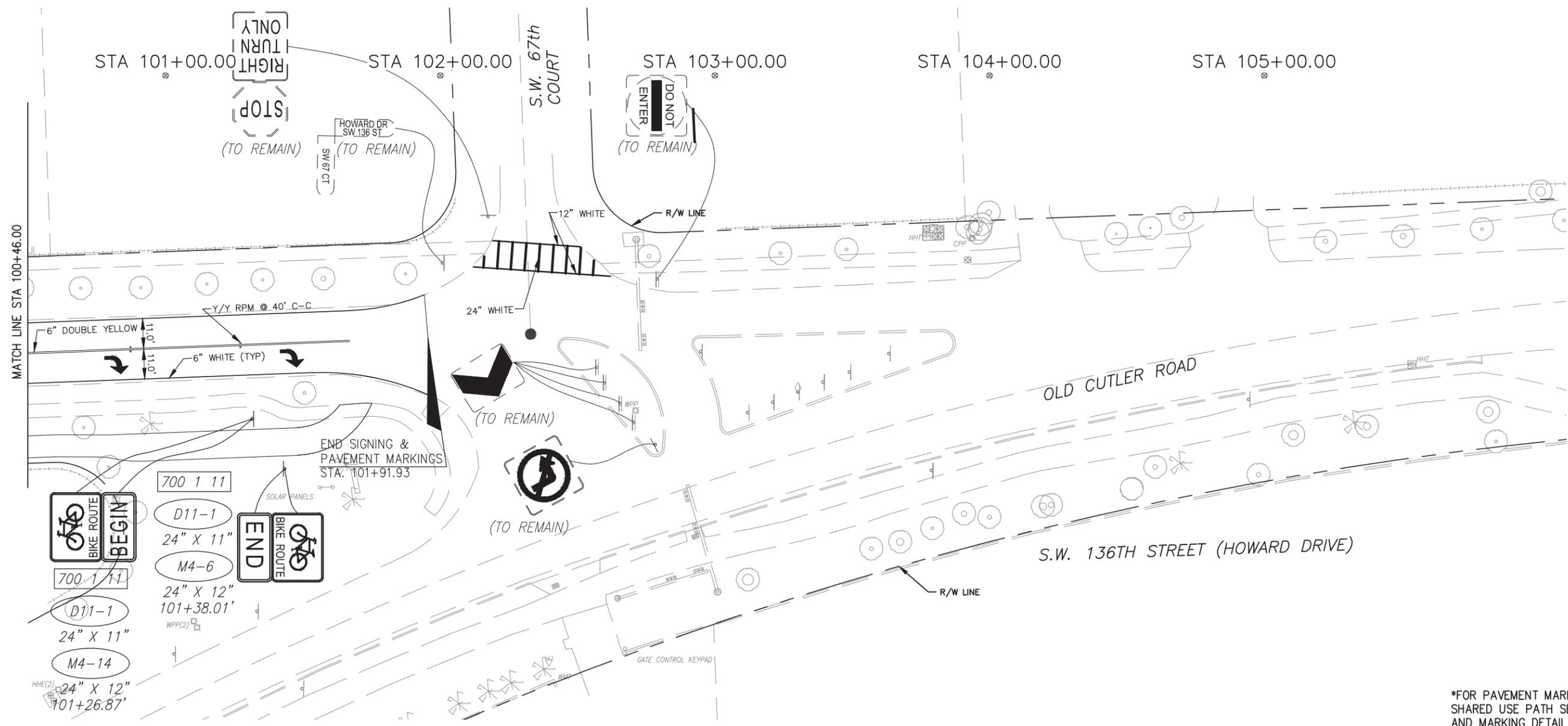
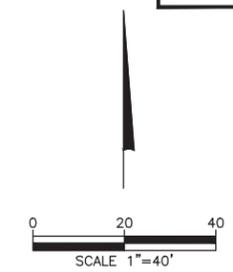
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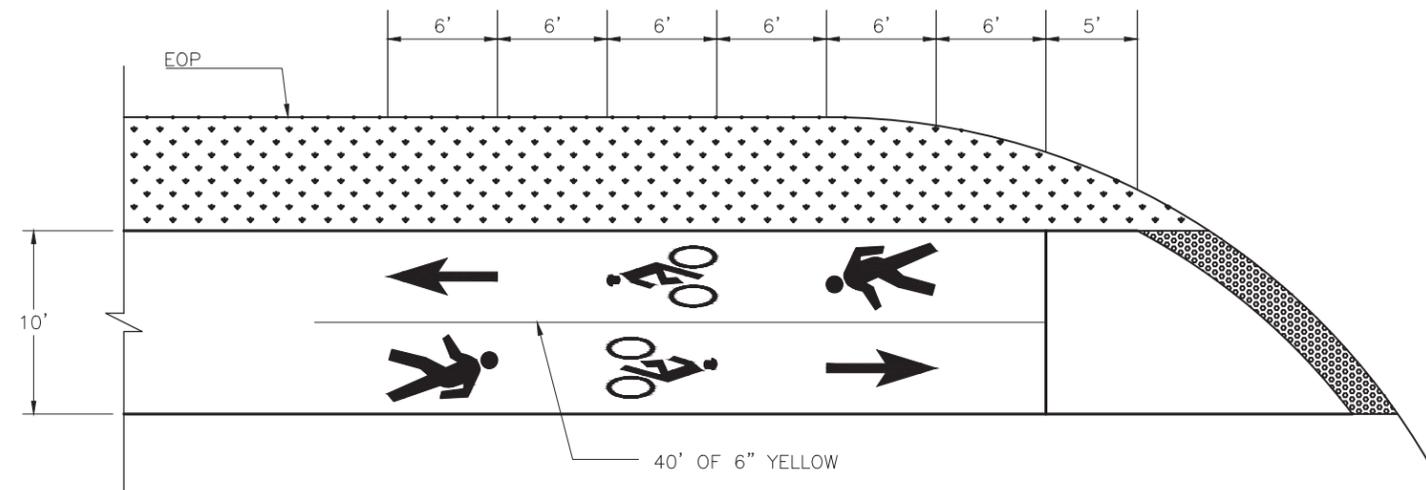
*FOR PAVEMENT MARKINGS ALONG SHARED USE PATH SEE SIGNING AND MARKING DETAIL SHEET S-21



*FOR PAVEMENT MARKINGS ALONG SHARED USE PATH SEE SIGNING AND MARKING DETAIL SHEET S-21

*A BIKE/PED CONNECTION TO THE SOUTH SIDE SHALL BE PROVIDED ON A FUTURE PROJECT AT SW 136 ST AND OLD CUTLER RD AND SW 67 AVE.
 THE TEMPORARY BIKE/PED CROSSINGS SIGN IS PROVIDED AT SW 77 ST.

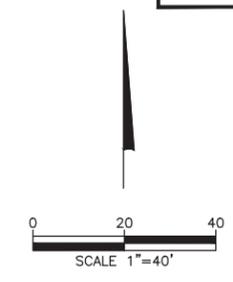
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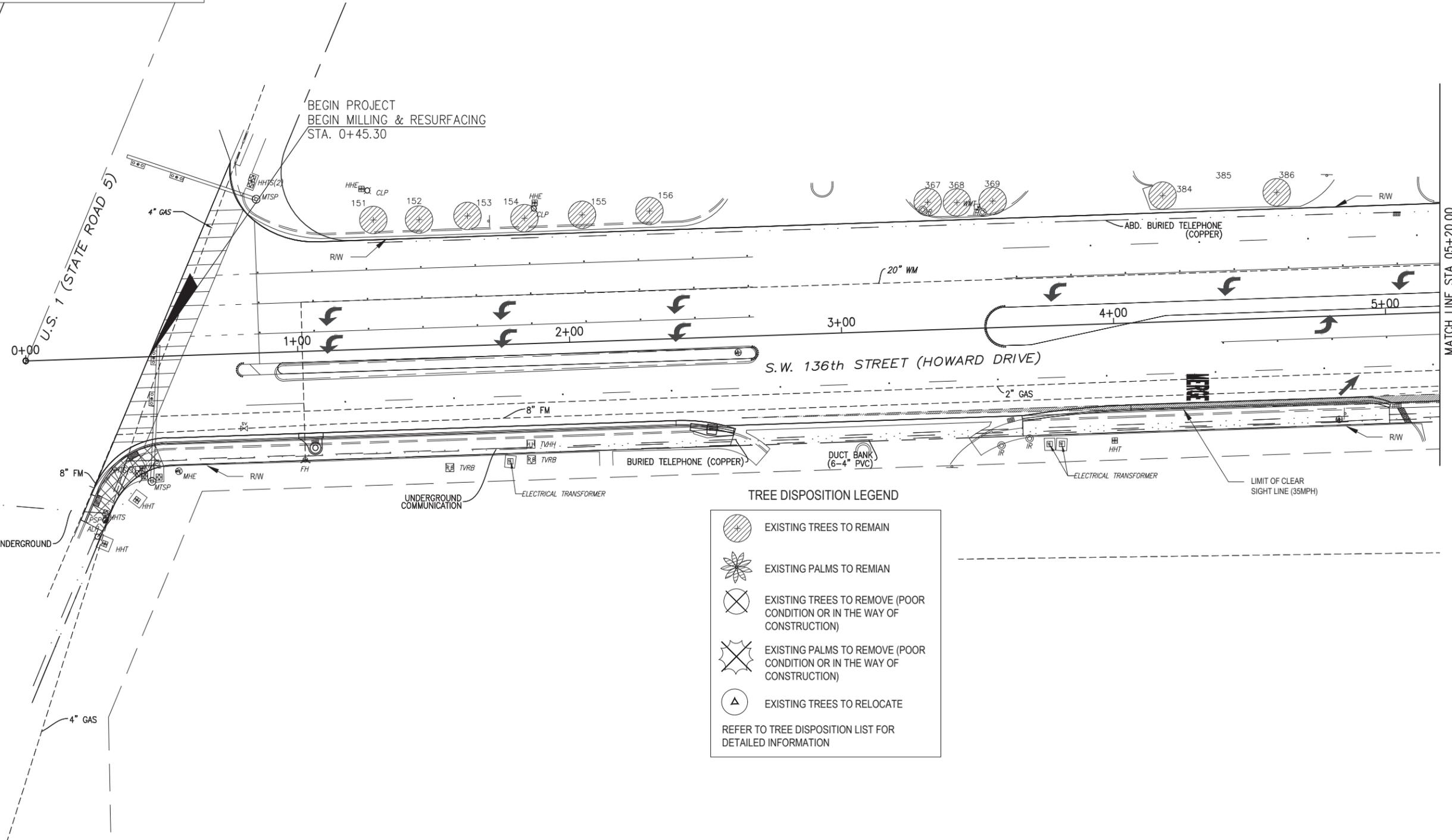
SHARED USED PATH MARKINGS AT INTERSECTIONS
 N.T.S.

NOTE:
 TO BE USED AT ALL INTERSECTIONS.

F:\19012_SW 136 Street from US 1 to Old Cutler Rd\Project\signing\SPDTSPO1.dwg Mar 17, 2020 - 2:10pm AMARINEZ



CAUTION: GAS MAIN IN AREA OF CONSTRUCTION

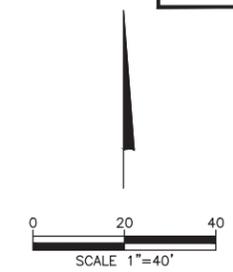


TREE DISPOSITION LEGEND

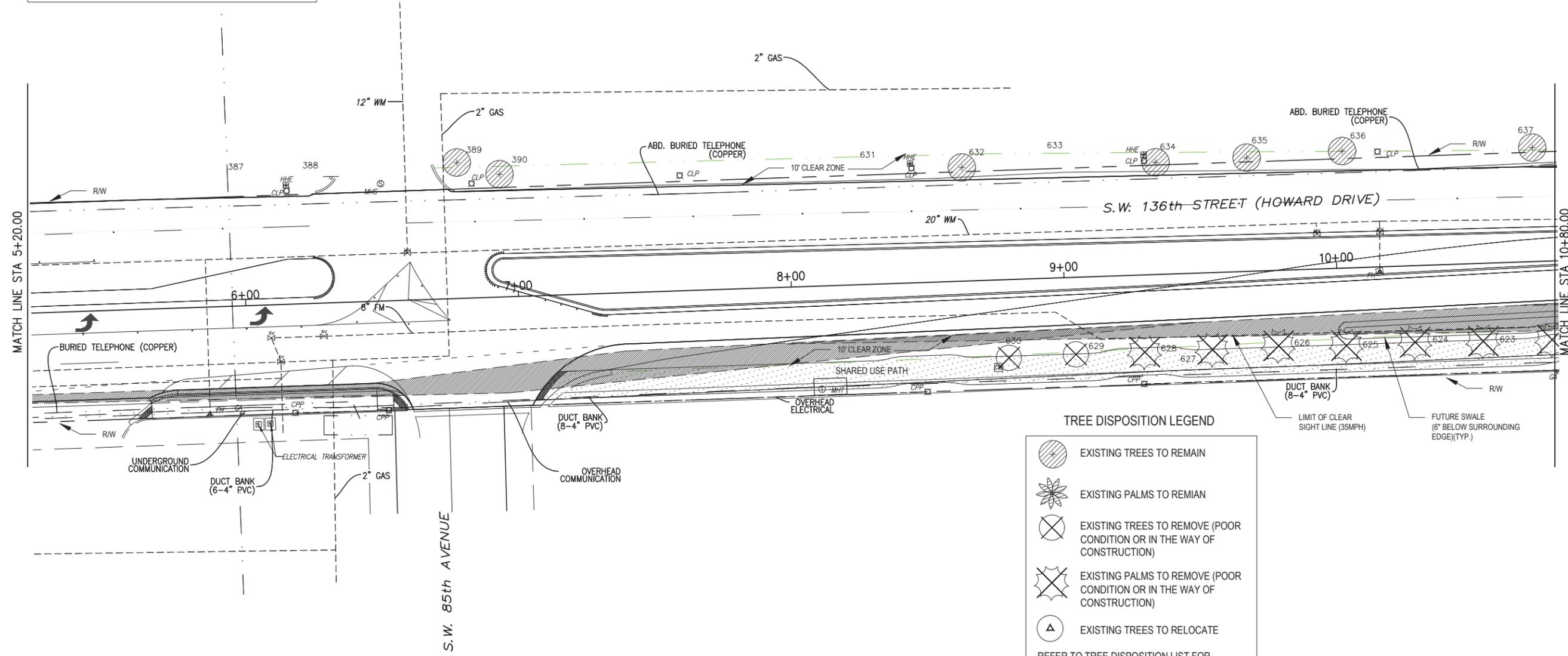
-  EXISTING TREES TO REMAIN
-  EXISTING PALMS TO REMIAN
-  EXISTING TREES TO REMOVE (POOR CONDITION OR IN THE WAY OF CONSTRUCTION)
-  EXISTING PALMS TO REMOVE (POOR CONDITION OR IN THE WAY OF CONSTRUCTION)
-  EXISTING TREES TO RELOCATE

REFER TO TREE DISPOSITION LIST FOR DETAILED INFORMATION

C:\Project Files\SW 136th Street - US1 to Old Cutler\Drawings\CAD\2 CAD\1 BASES\landscape\Current\plan\plan01.dwg Mar 18, 2020 - 4:05pm JULIO



CAUTION: GAS MAIN IN AREA OF CONSTRUCTION



TREE DISPOSITION LEGEND

-  EXISTING TREES TO REMAIN
-  EXISTING PALMS TO REMAIN
-  EXISTING TREES TO REMOVE (POOR CONDITION OR IN THE WAY OF CONSTRUCTION)
-  EXISTING PALMS TO REMOVE (POOR CONDITION OR IN THE WAY OF CONSTRUCTION)
-  EXISTING TREES TO RELOCATE

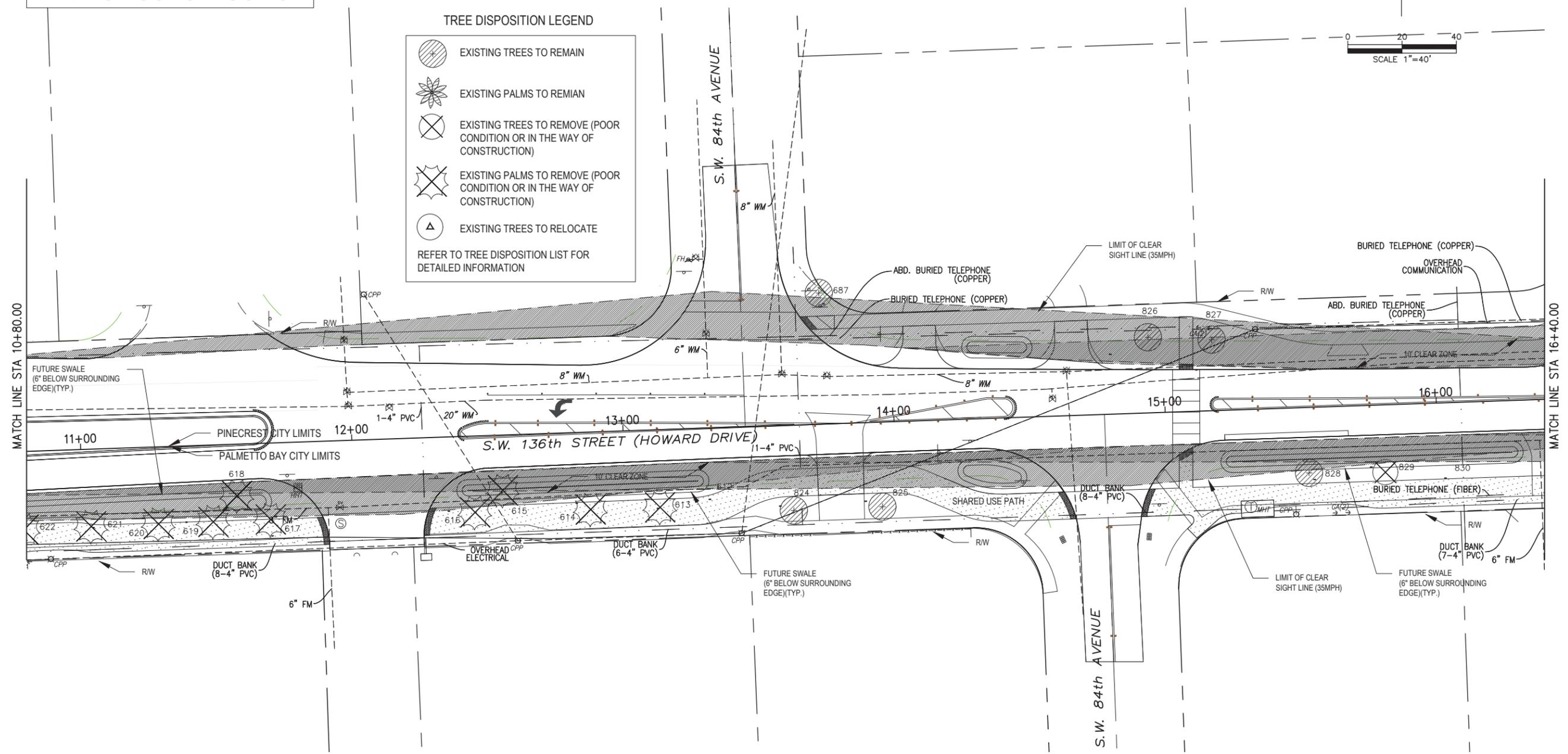
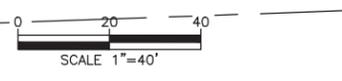
REFER TO TREE DISPOSITION LIST FOR DETAILED INFORMATION

C:\Project Files\SW 136th Street - US1 to Old Cutler\Drawings\CAD\2 CAD\1 BASES\landscape\Current\plan\td02.dwg Mar 18, 2020 - 4:07pm JULIO

CAUTION: GAS MAIN IN AREA OF CONSTRUCTION

TREE DISPOSITION LEGEND

-  EXISTING TREES TO REMAIN
 -  EXISTING PALMS TO REMIAN
 -  EXISTING TREES TO REMOVE (POOR CONDITION OR IN THE WAY OF CONSTRUCTION)
 -  EXISTING PALMS TO REMOVE (POOR CONDITION OR IN THE WAY OF CONSTRUCTION)
 -  EXISTING TREES TO RELOCATE
- REFER TO TREE DISPOSITION LIST FOR DETAILED INFORMATION



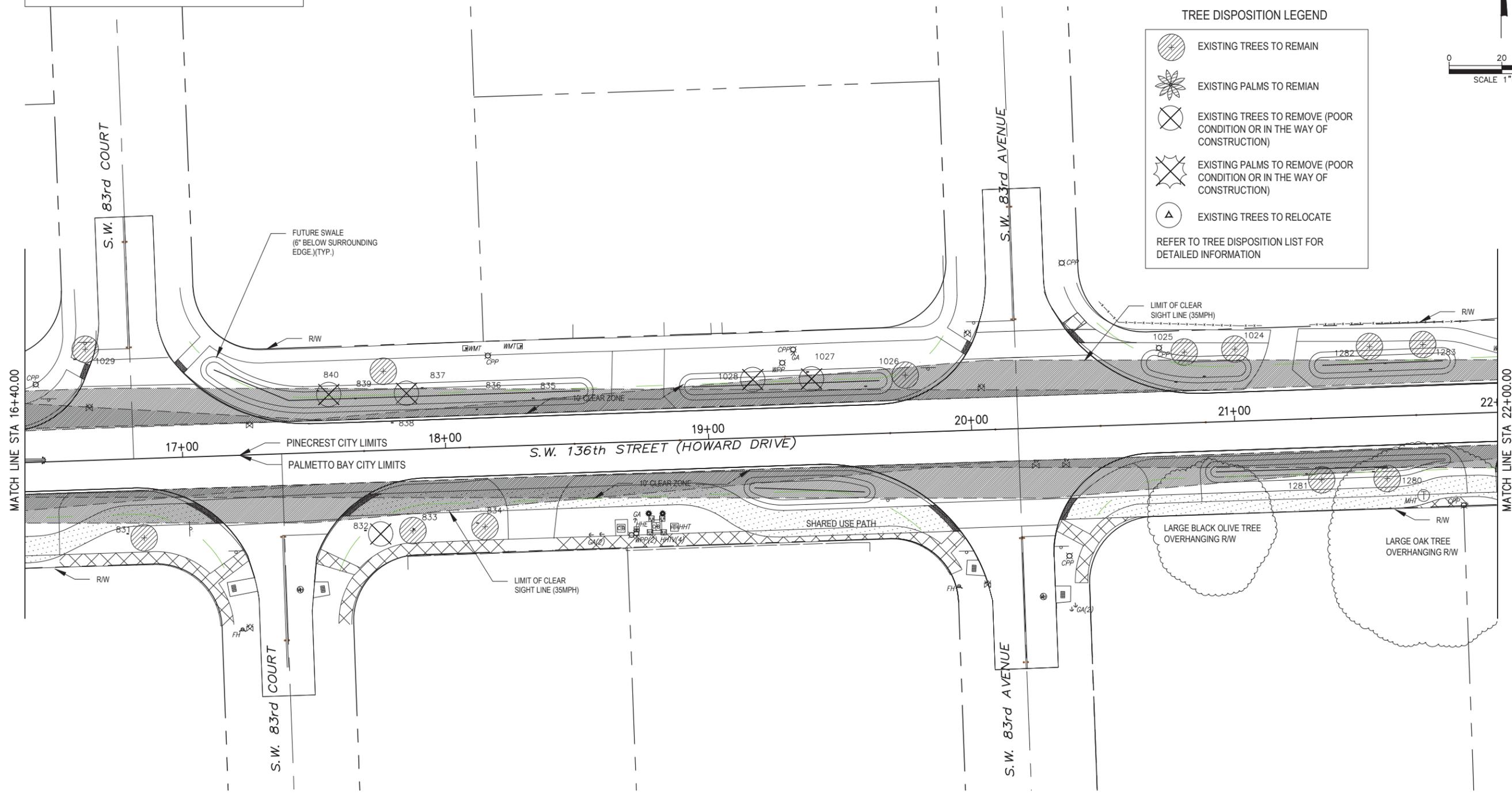
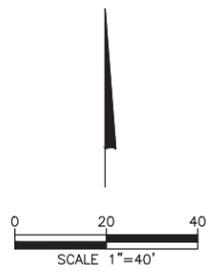
C:\Project Files\SW 136th Street - US1 to Old Cutler\Drawings\CAD\2 CAD\1 BASES\landscape\Current\plan\td3.dwg Mar 18, 2020 - 4:10pm JULIO

CAUTION: GAS MAIN IN AREA OF CONSTRUCTION

TREE DISPOSITION LEGEND

-  EXISTING TREES TO REMAIN
-  EXISTING PALMS TO REMAIN
-  EXISTING TREES TO REMOVE (POOR CONDITION OR IN THE WAY OF CONSTRUCTION)
-  EXISTING PALMS TO REMOVE (POOR CONDITION OR IN THE WAY OF CONSTRUCTION)
-  EXISTING TREES TO RELOCATE

REFER TO TREE DISPOSITION LIST FOR DETAILED INFORMATION



C:\Project Files\SW 136th Street - US1 to Old Cutler\Drawings\CAD\2 CAD\1 BASES\landscape\Current\plan04.dwg Mar 18, 2020 - 4:12pm JULIO

CURTIS + ROGERS
 DESIGN STUDIO INC
 Landscape Architecture
 7520 S RED ROAD, SUITE M
 SOUTH MIAMI, FLORIDA 33143
 305.442.1774 | 305.445.9888 FAX
 www.curtisrogers.com LC 000241

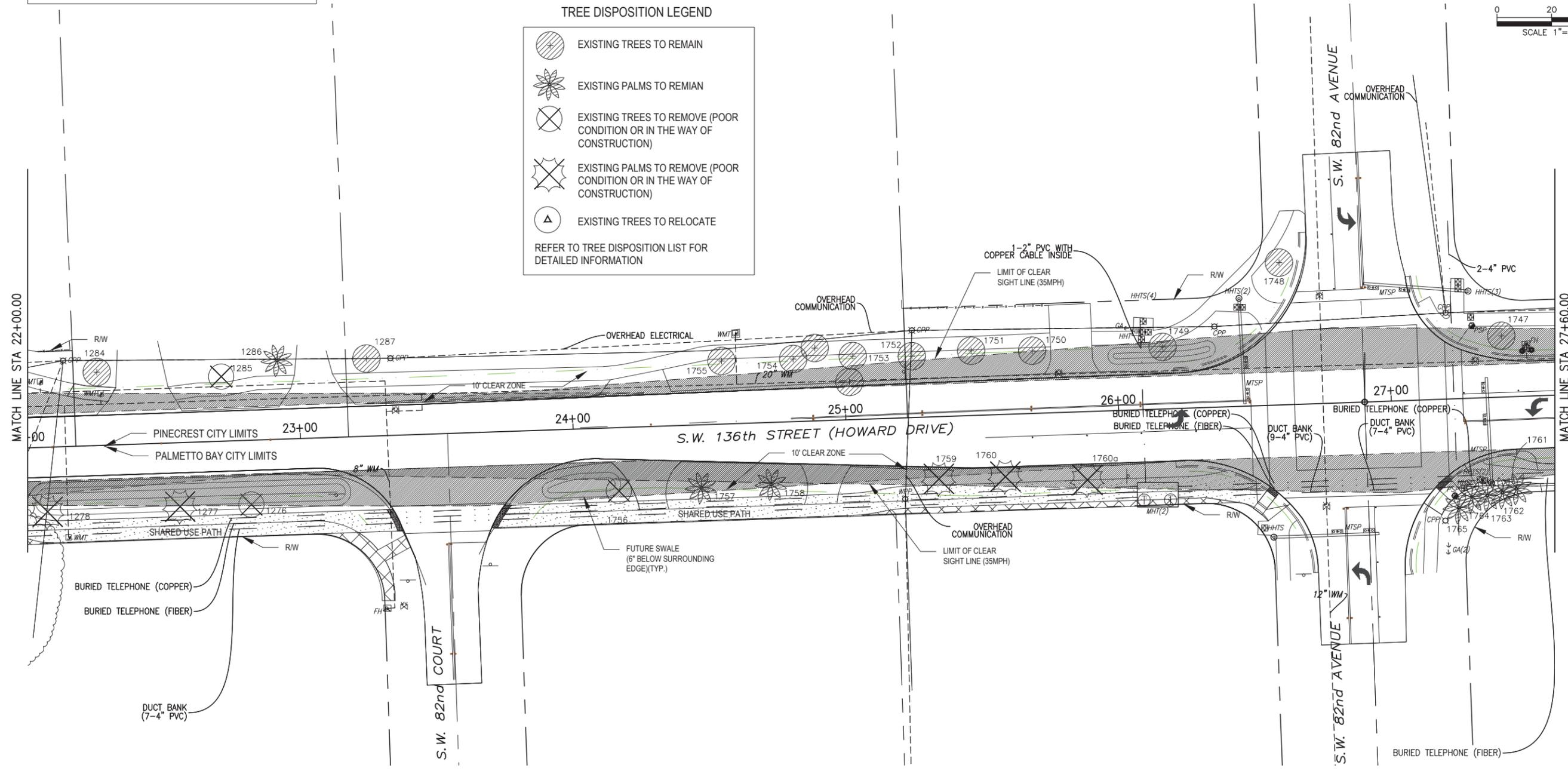
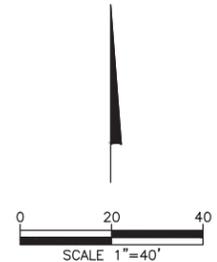
MIAMI-DADE COUNTY
 DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
 HIGHWAY DIVISION
 STEPHEN P. CLARK CENTER
 111 NW 1 ST
 MIAMI, FLORIDA 33128

CAUTION: GAS MAIN IN AREA OF CONSTRUCTION

TREE DISPOSITION LEGEND

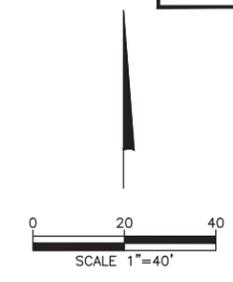
-  EXISTING TREES TO REMAIN
-  EXISTING PALMS TO REMIAN
-  EXISTING TREES TO REMOVE (POOR CONDITION OR IN THE WAY OF CONSTRUCTION)
-  EXISTING PALMS TO REMOVE (POOR CONDITION OR IN THE WAY OF CONSTRUCTION)
-  EXISTING TREES TO RELOCATE

REFER TO TREE DISPOSITION LIST FOR DETAILED INFORMATION



C:\Project Files\SW 136th Street - US1 to Old Cutler\Drawings\CAD\2 CAD\1 BASES\landscape\Current\plan\05.dwg Mar 18, 2020 - 4:27pm JULIO

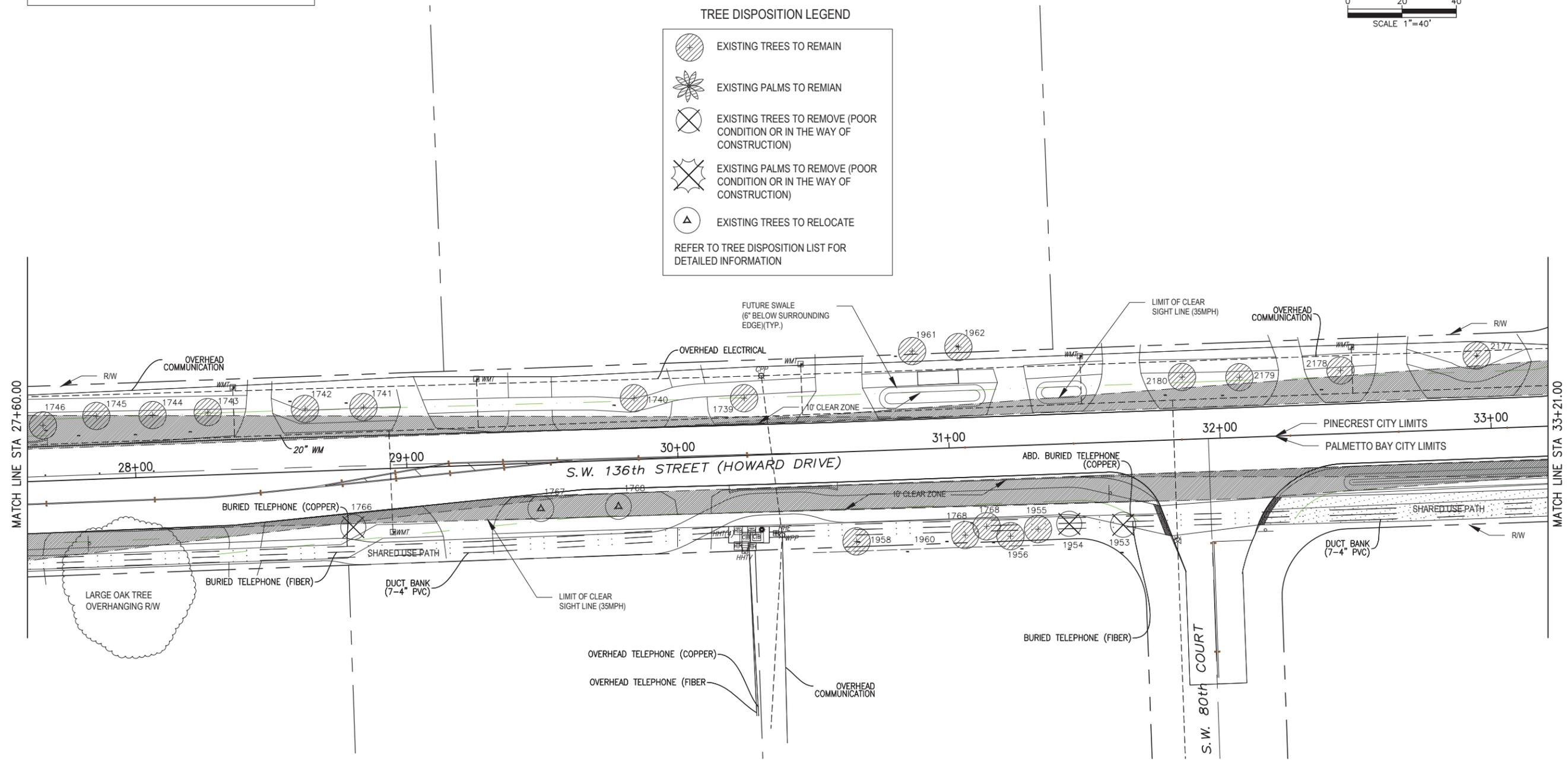
CAUTION: GAS MAIN IN AREA OF CONSTRUCTION



TREE DISPOSITION LEGEND

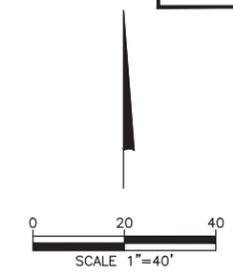
-  EXISTING TREES TO REMAIN
-  EXISTING PALMS TO REMAIN
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-  EXISTING PALMS TO REMOVE (POOR CONDITION OR IN THE WAY OF CONSTRUCTION)
-  EXISTING TREES TO RELOCATE

REFER TO TREE DISPOSITION LIST FOR DETAILED INFORMATION



C:\Project Files\SW 136th Street - US1 to Old Cutler\Drawings\CAD\2 CAD\1 BASES\landscape\Current\plan\td06.dwg Mar 18, 2020 - 4:30pm JULIO

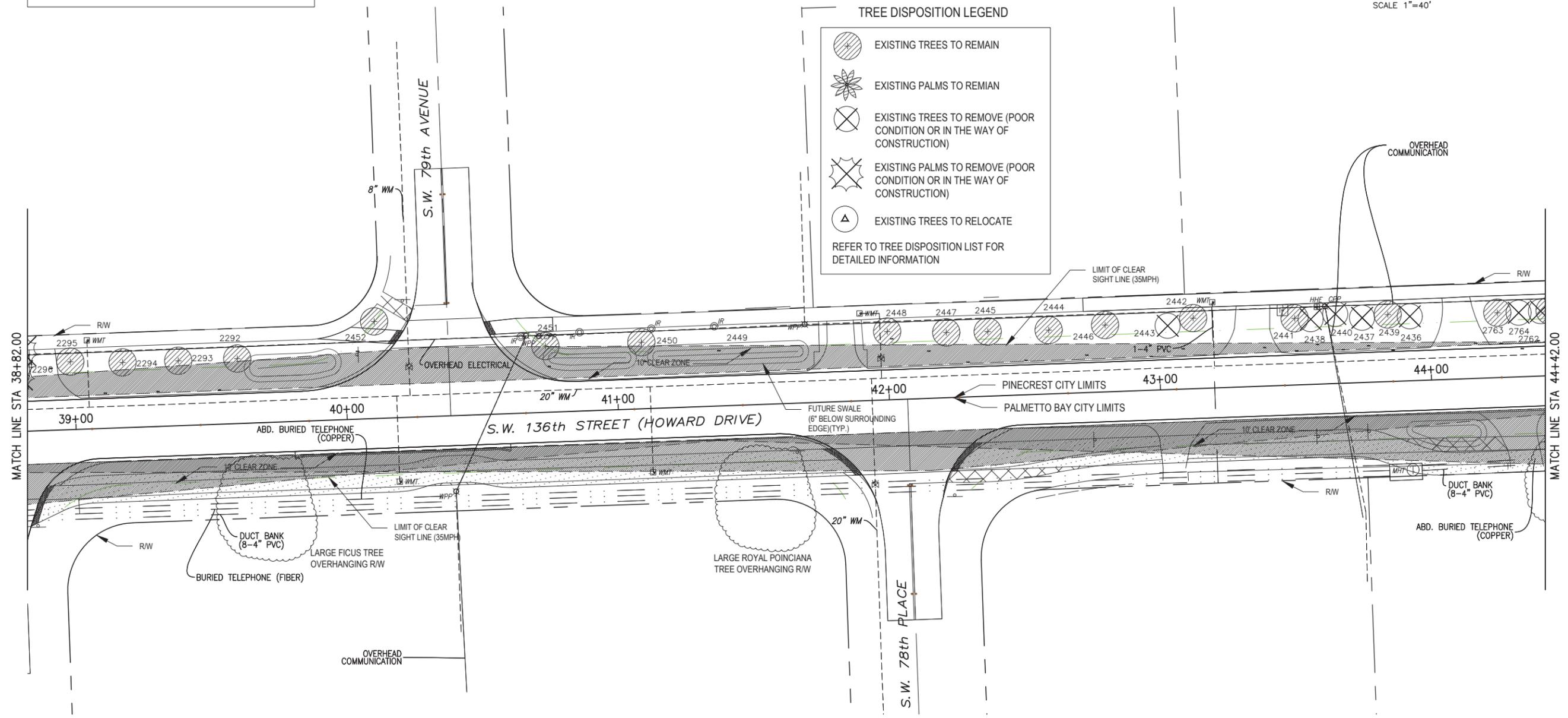
CAUTION: GAS MAIN IN AREA OF CONSTRUCTION



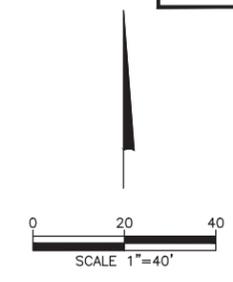
TREE DISPOSITION LEGEND

-  EXISTING TREES TO REMAIN
-  EXISTING PALMS TO REMIAN
-  EXISTING TREES TO REMOVE (POOR CONDITION OR IN THE WAY OF CONSTRUCTION)
-  EXISTING PALMS TO REMOVE (POOR CONDITION OR IN THE WAY OF CONSTRUCTION)
-  EXISTING TREES TO RELOCATE

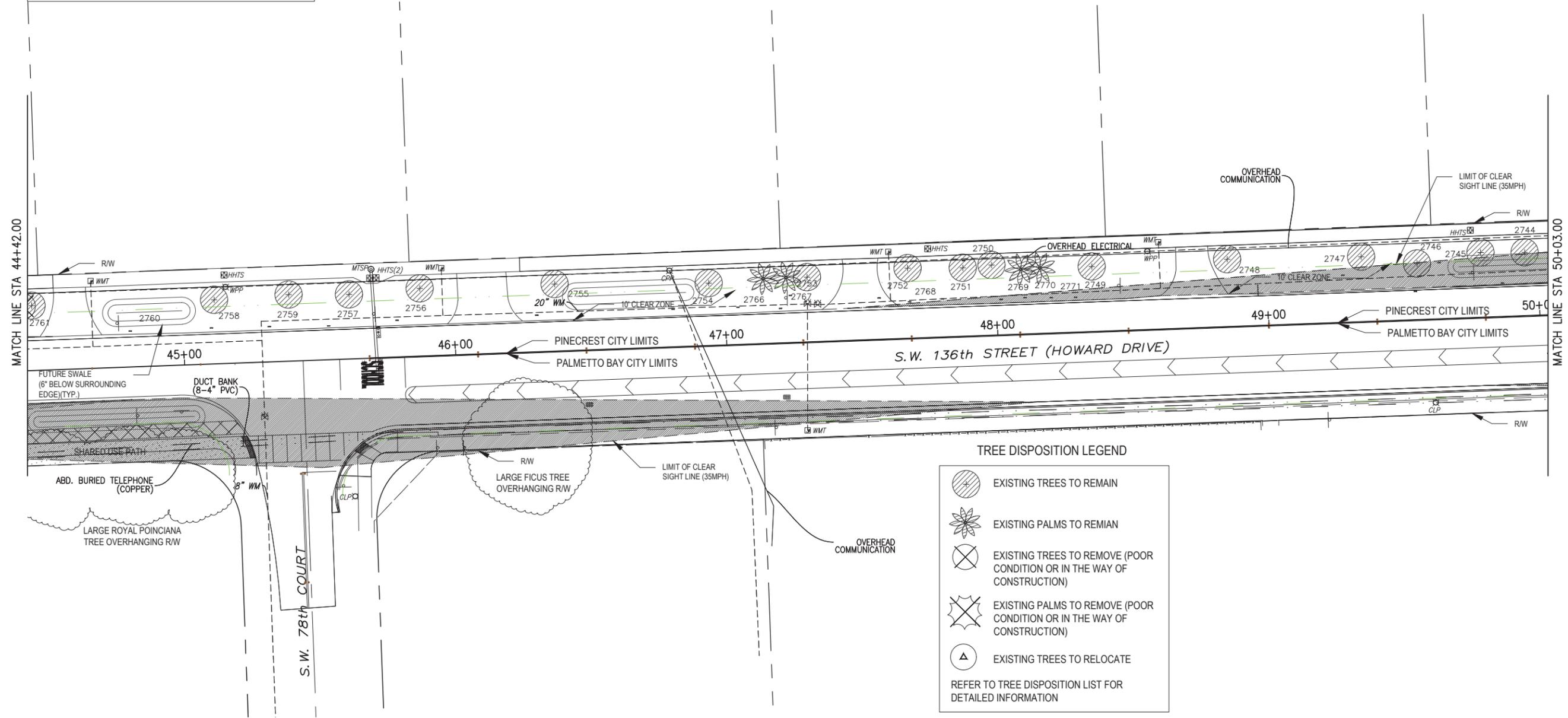
REFER TO TREE DISPOSITION LIST FOR DETAILED INFORMATION



C:\Project Files\SW 136th Street - US1 to Old Cutler\Drawings\CAD\2 CAD\1 BASES\landscape\Current\plan\td08.dwg Mar 18, 2020 - 4:35pm JULIO



CAUTION: GAS MAIN IN AREA OF CONSTRUCTION



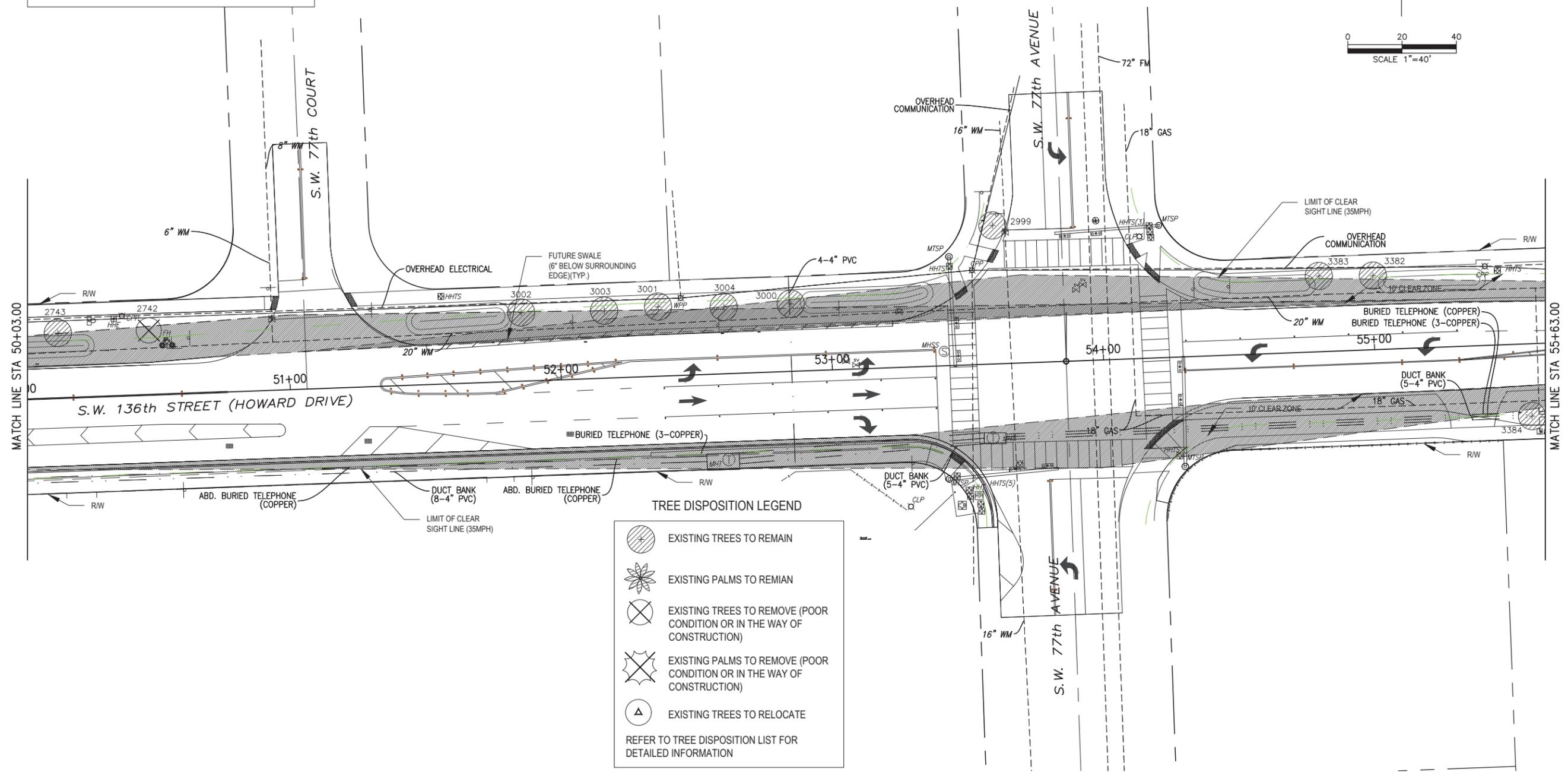
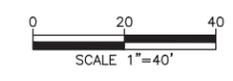
TREE DISPOSITION LEGEND

-  EXISTING TREES TO REMAIN
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-  EXISTING TREES TO REMOVE (POOR CONDITION OR IN THE WAY OF CONSTRUCTION)
-  EXISTING PALMS TO REMOVE (POOR CONDITION OR IN THE WAY OF CONSTRUCTION)
-  EXISTING TREES TO RELOCATE

REFER TO TREE DISPOSITION LIST FOR DETAILED INFORMATION

C:\Project Files\SW 136th Street - US1 to Old Cutler\Drawings\CAD\2 CAD\1 BASES\landscape\Current\plan\td9.dwg Mar 18, 2020 - 4:36pm JULIO

CAUTION: GAS MAIN IN AREA OF CONSTRUCTION

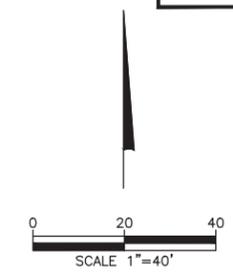


TREE DISPOSITION LEGEND

- EXISTING TREES TO REMAIN
- EXISTING PALMS TO REMIAN
- EXISTING TREES TO REMOVE (POOR CONDITION OR IN THE WAY OF CONSTRUCTION)
- EXISTING PALMS TO REMOVE (POOR CONDITION OR IN THE WAY OF CONSTRUCTION)
- EXISTING TREES TO RELOCATE

REFER TO TREE DISPOSITION LIST FOR DETAILED INFORMATION

C:\Project Files\SW 136th Street - US1 to Old Cutler\Drawings\CAD\2 CAD\1 BASES\landscape\Current\plan\td10.dwg Mar 18, 2020 - 4:40pm JULIO

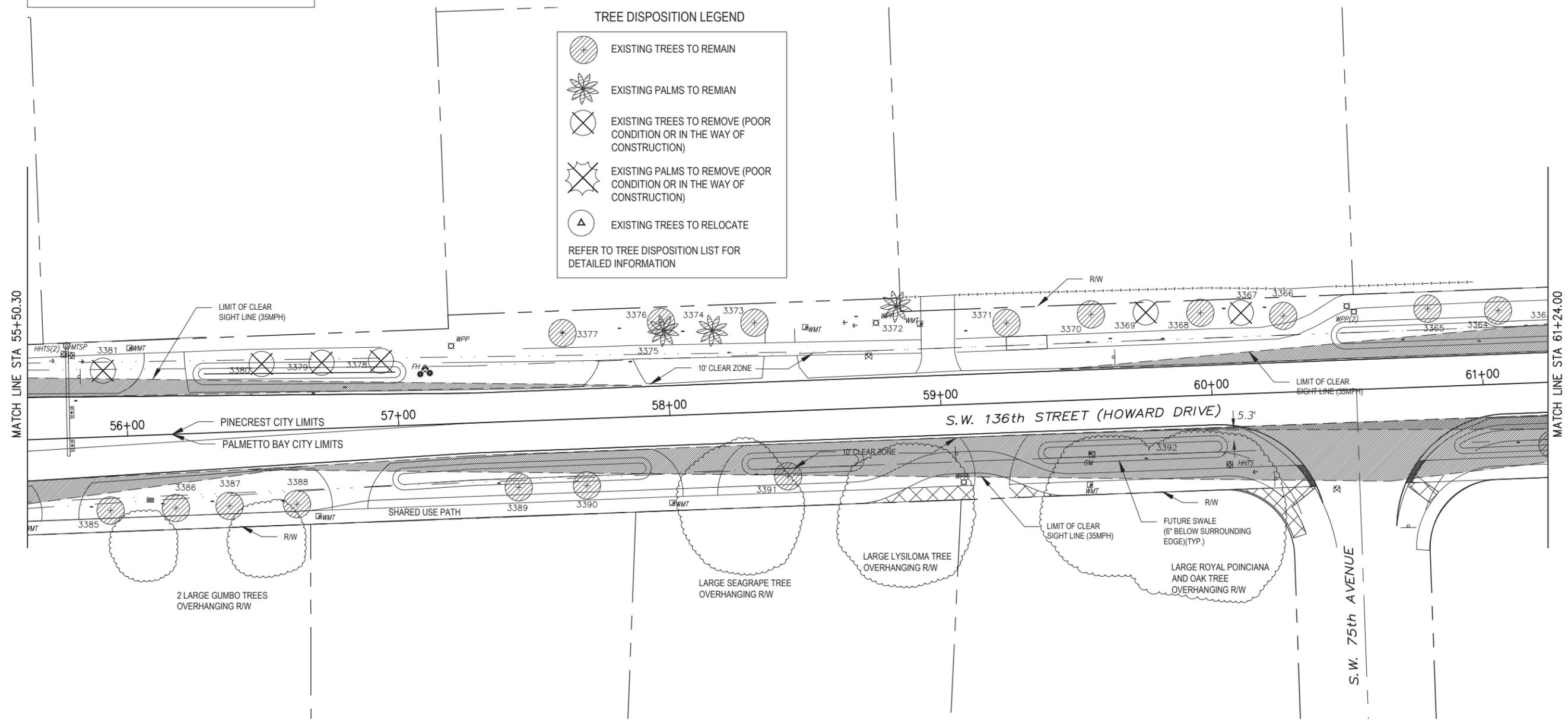


CAUTION: GAS MAIN IN AREA OF CONSTRUCTION

TREE DISPOSITION LEGEND

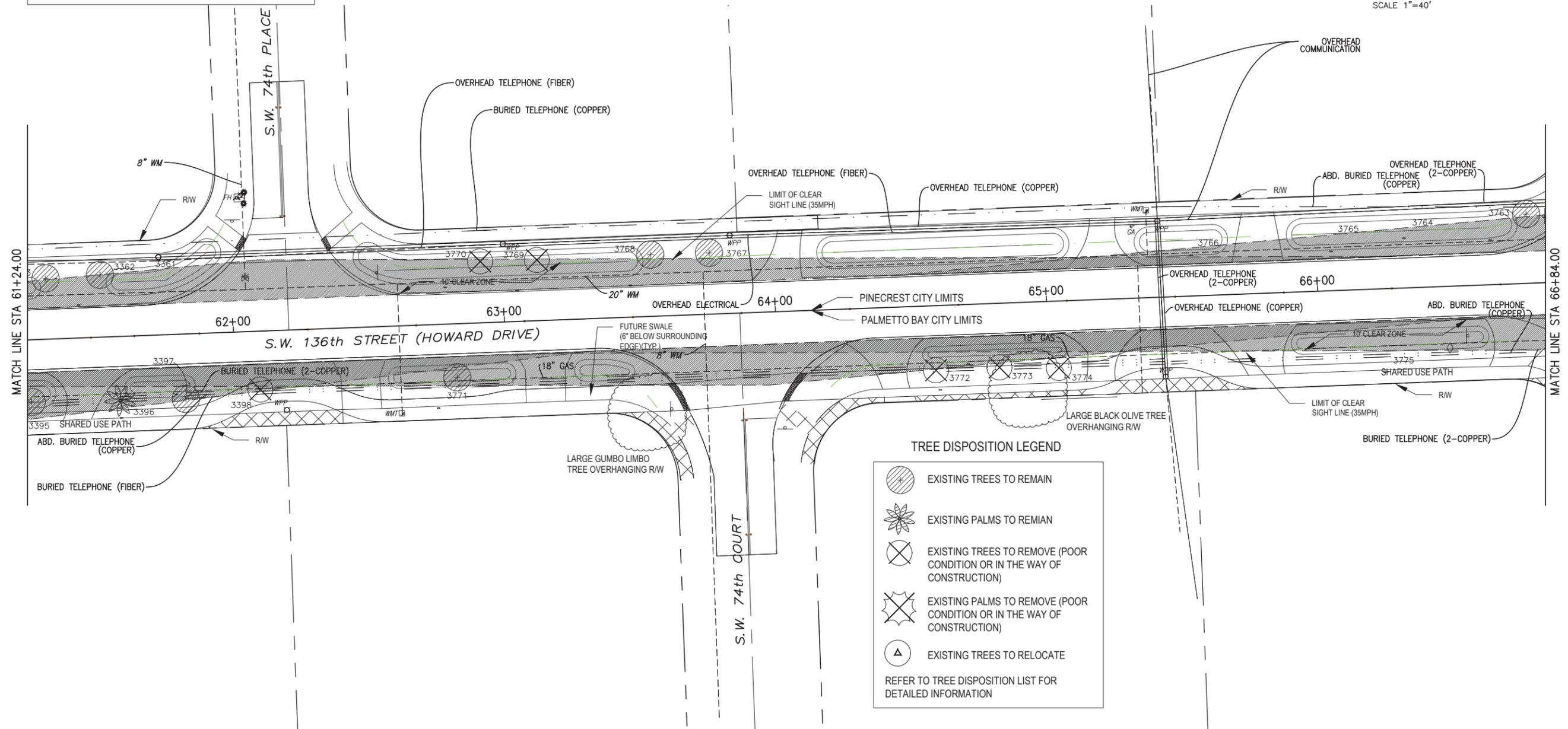
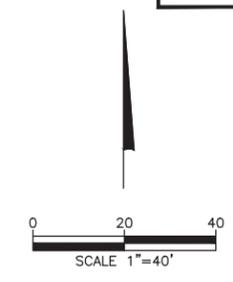
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REFER TO TREE DISPOSITION LIST FOR DETAILED INFORMATION



C:\Project Files\SW 136th Street - US1 to Old Cutler\Drawings\CAD\2 CAD\1 BASES\landscape\Current\plan\1.dwg Mar 18, 2020 - 4:43pm JULIO

CAUTION: GAS MAIN IN AREA OF CONSTRUCTION



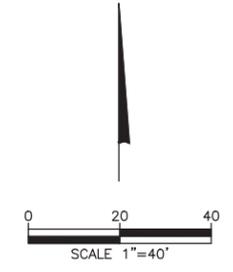
TREE DISPOSITION LEGEND

- EXISTING TREES TO REMAIN
- EXISTING PALMS TO REMAIN
- EXISTING TREES TO REMOVE (POOR CONDITION OR IN THE WAY OF CONSTRUCTION)
- EXISTING PALMS TO REMOVE (POOR CONDITION OR IN THE WAY OF CONSTRUCTION)
- EXISTING TREES TO RELOCATE

REFER TO TREE DISPOSITION LIST FOR DETAILED INFORMATION

C:\Project Files\SW 136th Street - US1 to Old Cutler\Drawings\CAD\2 CAD\1 BASES\landscape\Current\planrd12.dwg, Mar 18, 2020 - 4:57pm JULIO

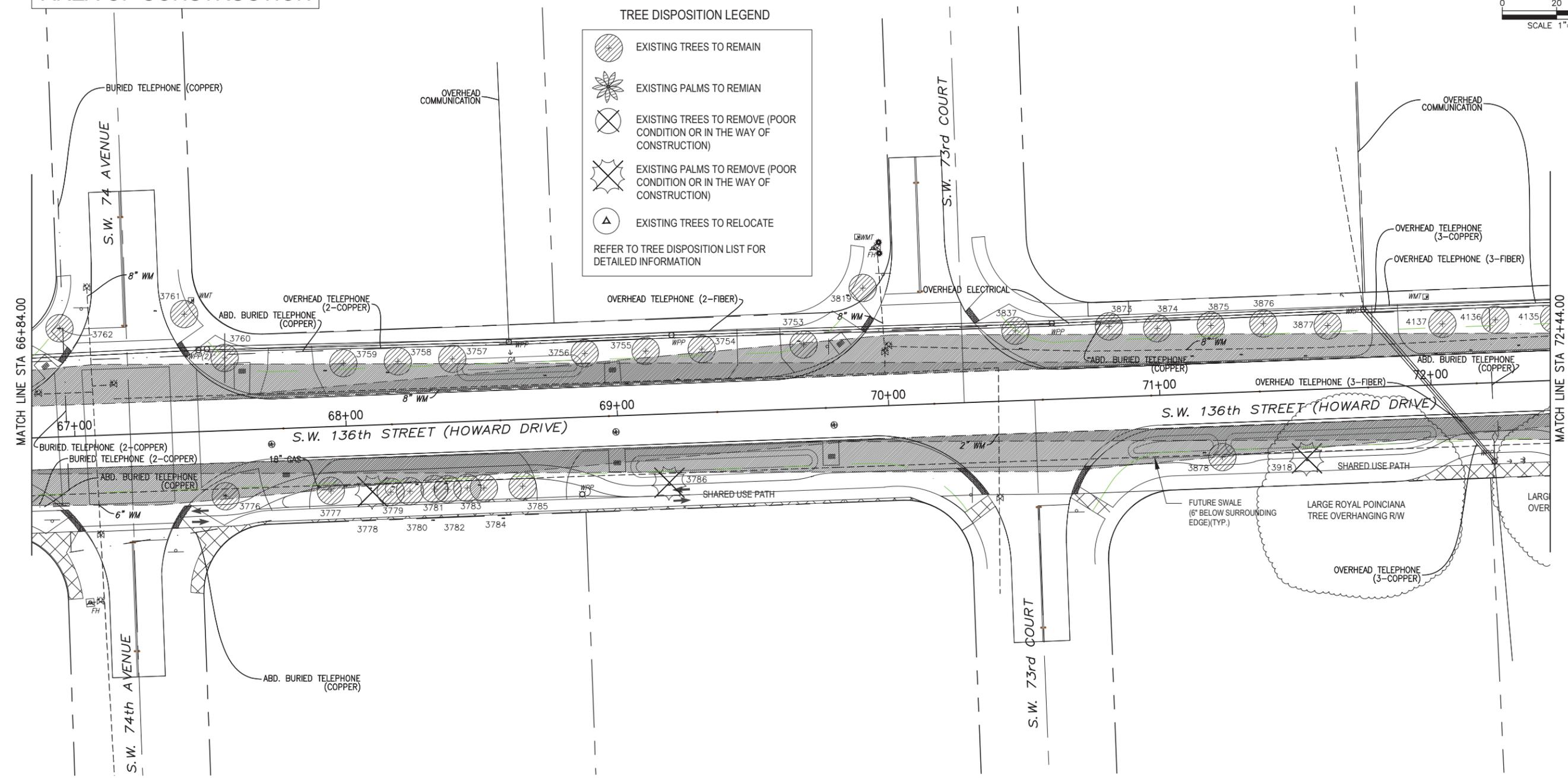
CAUTION: GAS MAIN IN AREA OF CONSTRUCTION



TREE DISPOSITION LEGEND

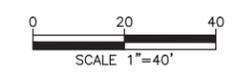
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REFER TO TREE DISPOSITION LIST FOR DETAILED INFORMATION



C:\Project Files\SW 136th Street - US1 to Old Cutler\Drawings\CAD\2 CAD\1 BASES\landscape\Current\plan\13.dwg, Mar. 18, 2020 - 5:34pm JULIO

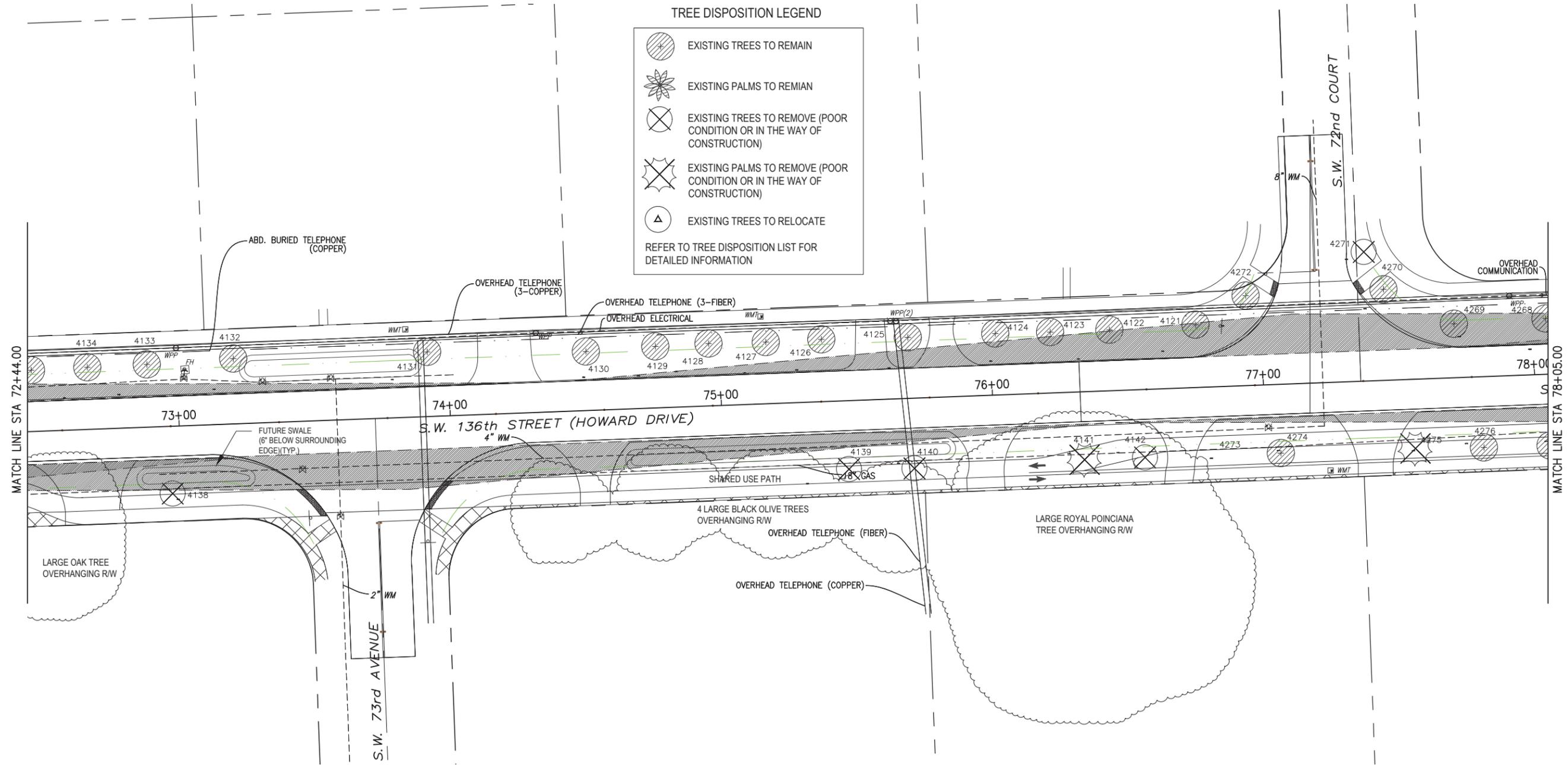
CAUTION: GAS MAIN IN AREA OF CONSTRUCTION



TREE DISPOSITION LEGEND

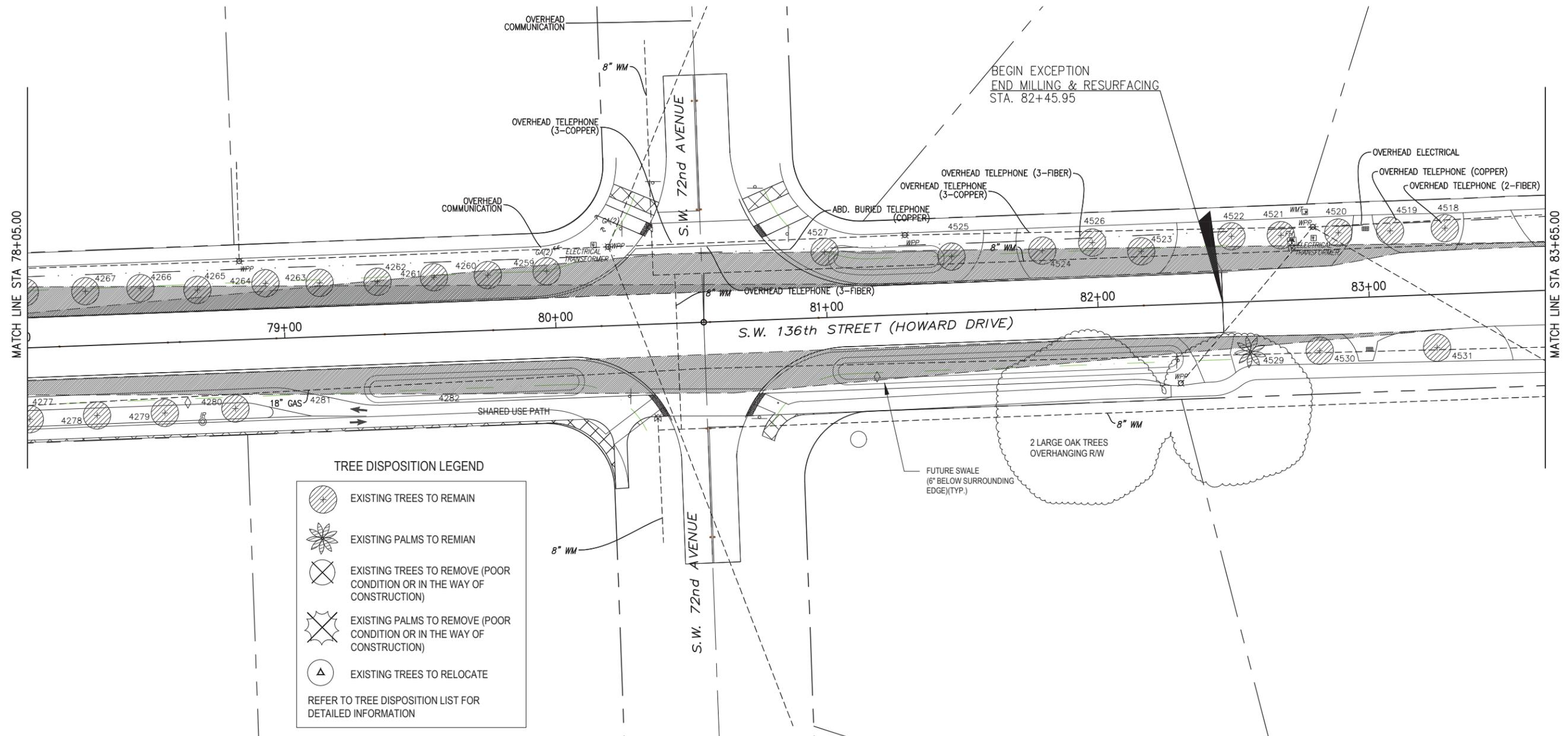
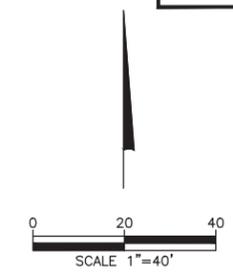
- EXISTING TREES TO REMAIN
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REFER TO TREE DISPOSITION LIST FOR DETAILED INFORMATION



C:\Project Files\SW 136th Street - US1 to Old Cutler\Drawings\CAD\2 CAD\1 BASES\landscape\Current\plan\td14.dwg Mar 18, 2020 - 5:33pm JULIO

CAUTION: GAS MAIN IN AREA OF CONSTRUCTION



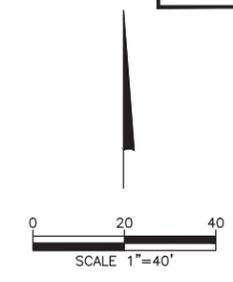
TREE DISPOSITION LEGEND

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REFER TO TREE DISPOSITION LIST FOR DETAILED INFORMATION

C:\Project Files\SW 136th Street - US1 to Old Cutler\Drawings\CAD\2 CAD\1 BASES\landscape\Current\planrd15.dwg Mar 18, 2020 - 5:56pm JULIO

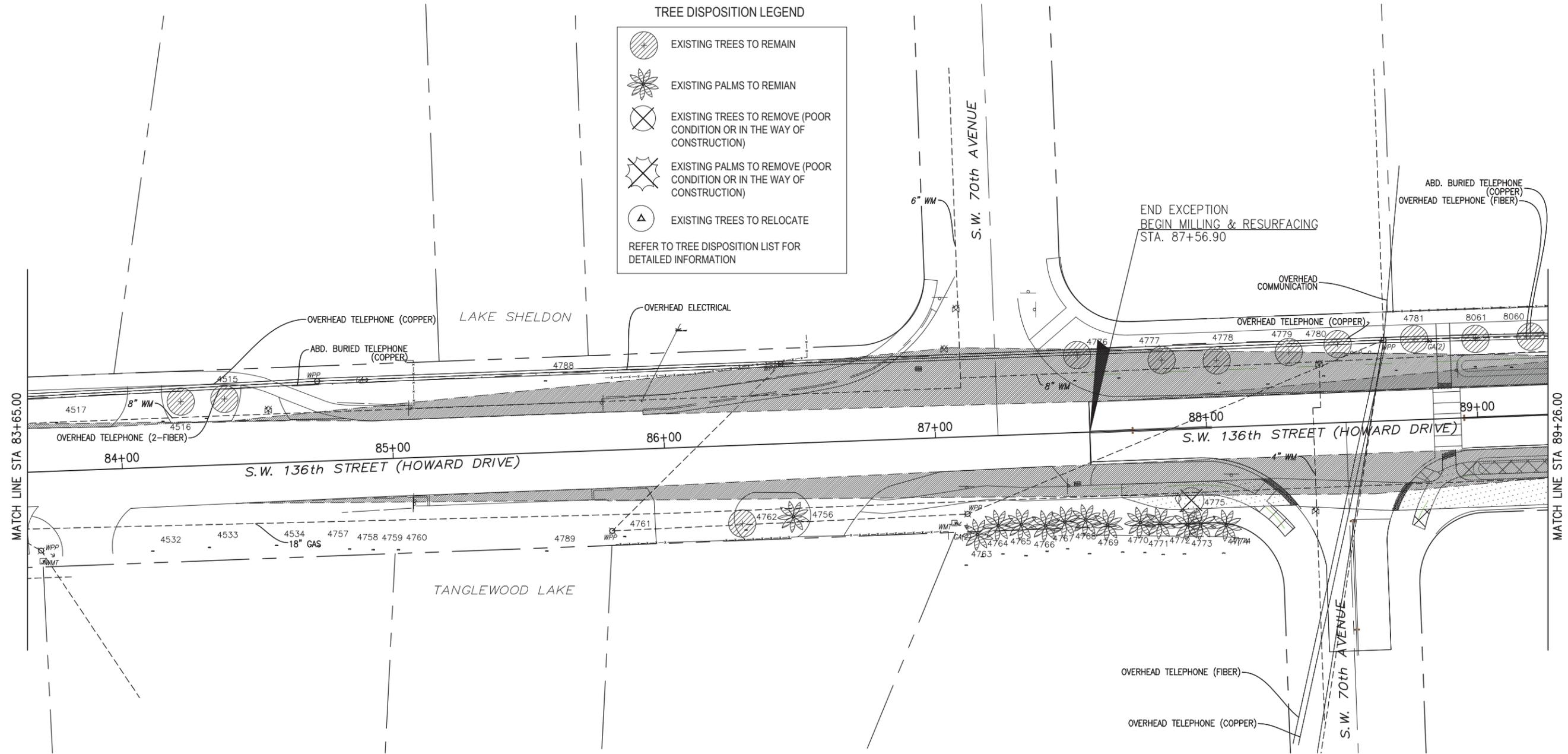
CAUTION: GAS MAIN IN AREA OF CONSTRUCTION



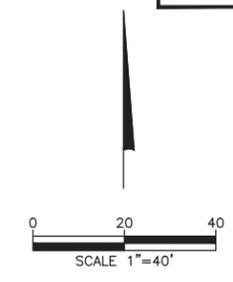
TREE DISPOSITION LEGEND

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REFER TO TREE DISPOSITION LIST FOR DETAILED INFORMATION



C:\Project Files\SW 136th Street - US1 to Old Cutler\Drawings\CAD\2 CAD\1 BASES\landscape\Current\plan16.dwg Mar. 18, 2020 - 5:55pm JULIO

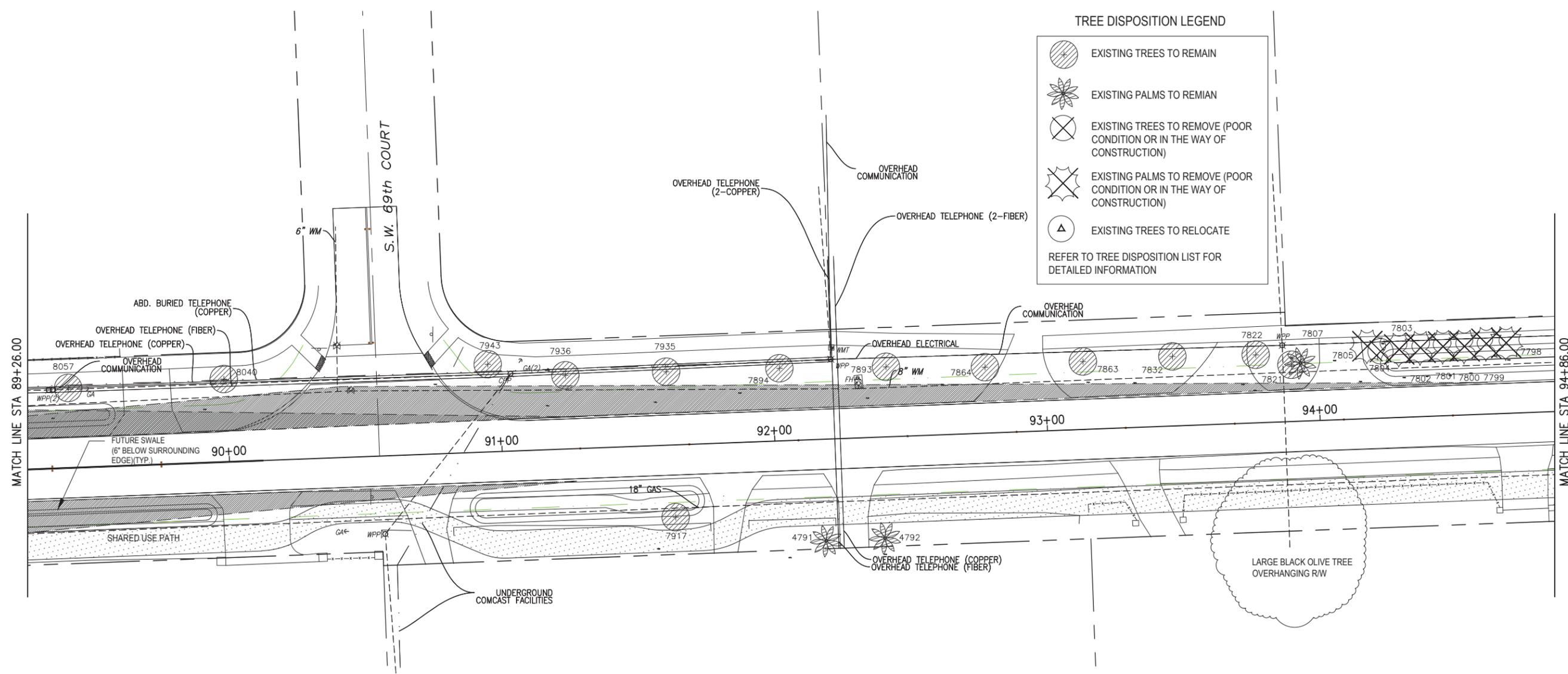


**CAUTION: GAS MAIN IN
 AREA OF CONSTRUCTION**

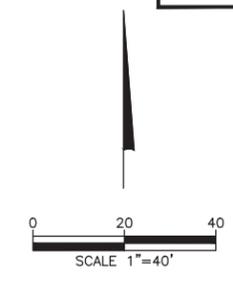
TREE DISPOSITION LEGEND

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REFER TO TREE DISPOSITION LIST FOR DETAILED INFORMATION



C:\Project Files\SW 136th Street - US1 to Old Cutler\Drawings\CAD\2 CAD\1 BASES\landscape\Current\planrd17.dwg Mar 18, 2020 - 6:02pm JULIO

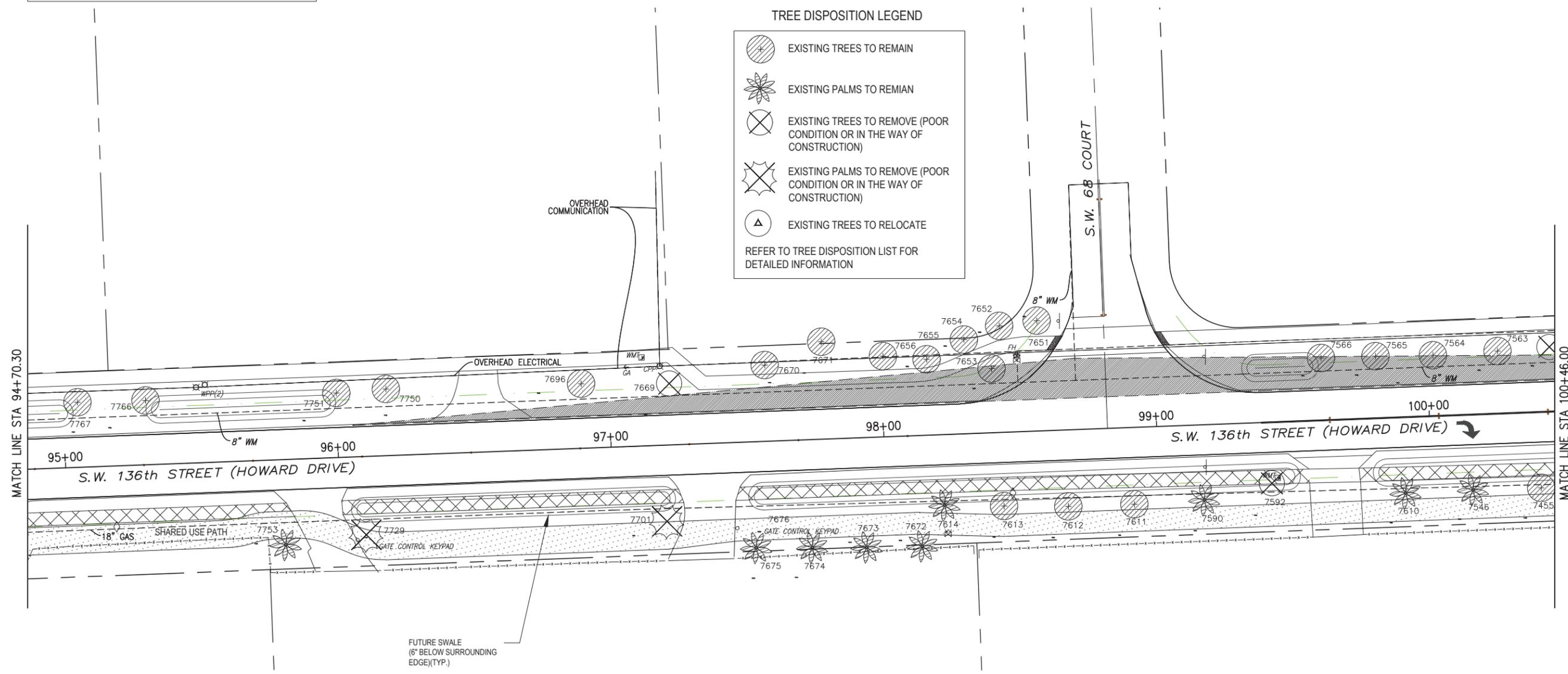


CAUTION: GAS MAIN IN AREA OF CONSTRUCTION

TREE DISPOSITION LEGEND

-  EXISTING TREES TO REMAIN
-  EXISTING PALMS TO REMIAN
-  EXISTING TREES TO REMOVE (POOR CONDITION OR IN THE WAY OF CONSTRUCTION)
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REFER TO TREE DISPOSITION LIST FOR DETAILED INFORMATION



C:\Project Files\SW 136th Street - US1 to Old Cutler\Drawings\CAD\2 CAD\1 BASES\landscape\Current\plan\18.dwg Mar 18, 2020 - 6:15pm JULIO

Pinecrest Tree Disposition List

City	Tree #	Scientific Name	Common Name	DBH in inches	Height in feet	Spread in feet	Mitigation in sf	Speciman in sf	Notes	Disposition
Pinecrest	151								Out of scope of work	
Pinecrest	152								Out of scope of work	
Pinecrest	153								Out of scope of work	
Pinecrest	154								Out of scope of work	
Pinecrest	155								Out of scope of work	
Pinecrest	156								Out of scope of work	
Pinecrest	367								Out of scope of work	
Pinecrest	368								Out of scope of work	
Pinecrest	369								Out of scope of work	
Pinecrest	384								Out of scope of work	
Pinecrest	385								Missing	
Pinecrest	386								Out of scope of work	
Pinecrest	387								Missing	
Pinecrest	388								Missing	
Pinecrest	389								Out of scope of work	
Pinecrest	390								Out of scope of work	
Pinecrest	631								Missing	
Pinecrest	632								Out of scope of work	
Pinecrest	633								Missing	
Pinecrest	634								Out of scope of work	
Pinecrest	635								Out of scope of work	
Pinecrest	636								Out of scope of work	
Pinecrest	637								Out of scope of work	
Pinecrest	687	Plumeria sp.	Frangipani	12	30	35			Good condition	Remain
Pinecrest	826	Lagerstroemia indica	Crepe Myrtle	15	25	30			Good condition	Remain
Pinecrest	827	Lagerstroemia indica	Crepe Myrtle	15	25	30			Good condition	Remain
Pinecrest	835								Missing	
Pinecrest	836								Missing	
Pinecrest	837								Missing	
Pinecrest	838	Lagerstroemia indica	Crepe Myrtle	12	20	20	314.00		Good condition, in conflict with construction	Remove
Pinecrest	839	Handroanthus chrysanthus	Yellow Trumpet Tree	10	20	20			Good condition	Remain
Pinecrest	840	Lagerstroemia indica	Crepe Myrtle	10	20	20	314.00		Good condition, in conflict with construction	Remove
Pinecrest	1024	Lagerstroemia indica	Crepe Myrtle	12	25	30			Good condition	Remain
Pinecrest	1025	Lagerstroemia indica	Crepe Myrtle	12	25	30			Good condition	Remain
Pinecrest	1026	Chorisa speciosa	Pink Floss Tree	12	30	30			Good condition	Remain
Pinecrest	1027	Lagerstroemia indica	Crepe Myrtle	10	25	25	490.63		Good condition, in conflict with construction	Remove
Pinecrest	1028	Lagerstroemia indica	Crepe Myrtle	10	25	25	490.63		Good condition, in conflict with construction	Remove
Pinecrest	1029	Plumeria sp.	Frangipani	12	25	30			Good condition	Remain
Pinecrest	1282	Lagerstroemia indica	Crepe Myrtle	12	25	25			Good condition	Remain
Pinecrest	1283	Lagerstroemia indica	Crepe Myrtle	12	25	25			Good condition	Remain
Pinecrest	1284	Ficus sp.	Ficus	60	35	55			Good condition	Remain
Pinecrest	1285	Calistemon viminalis	Bottlebrush	24	15	25	490.63	490.63	Poor condition	Remove
Pinecrest	1286	Sabal palmetto	Sabal Palm	12	8	8			Fair condition	Remain
Pinecrest	1287	Ficus aurea	Strangler Fig	60	45	50			Good condition, under powerlines	Remain
Pinecrest	1739	Bulnesia arborea	Verawood	4.5	10	16			Good condition	Remain
Pinecrest	1740	Lagerstroemia indica	Crepe Myrtle	10	20	20			Good condition	Remain
Pinecrest	1741	Lagerstroemia indica	Crepe Myrtle	10	20	20			Good condition	Remain
Pinecrest	1742	Lagerstroemia indica	Crepe Myrtle	10	20	20			Good condition	Remain
Pinecrest	1743	Lagerstroemia indica	Crepe Myrtle	10	20	20			Good condition	Remain
Pinecrest	1744	Lagerstroemia indica	Crepe Myrtle	10	20	20			Good condition	Remain
Pinecrest	1745	Lagerstroemia indica	Crepe Myrtle	10	20	20			Good condition	Remain
Pinecrest	1746	Delonix regia	Royal Poinciana	30	60	60			Good condition	Remain
Pinecrest	1747	Delonix regia	Royal Poinciana	30	60	60			Good condition	Remain
Pinecrest	1748	Delonix regia	Royal Poinciana	30	60	60			Good condition	Remain
Pinecrest	1749	Lagerstroemia indica	Crepe Myrtle	10	20	20			Good condition	Remain
Pinecrest	1750	Lagerstroemia indica	Crepe Myrtle	10	20	20			Good condition	Remain
Pinecrest	1751	Lagerstroemia indica	Crepe Myrtle	10	20	20			Good condition	Remain
Pinecrest	1752	Lagerstroemia indica	Crepe Myrtle	10	20	20			Good condition	Remain
Pinecrest	1753	Lagerstroemia indica	Crepe Myrtle	10	20	20			Good condition	Remain
Pinecrest	1754	Lagerstroemia indica	Crepe Myrtle	10	20	20			Good condition	Remain
Pinecrest	1755	Lagerstroemia indica	Crepe Myrtle	10	20	20			Good condition	Remain
Pinecrest	1961								Out of scope of work	
Pinecrest	1962								Out of scope of work	
Pinecrest	2164	Lagerstroemia indica	Crepe Myrtle	10	20	20			Good condition	Remain

City	Tree #	Scientific Name	Common Name	DBH in inches	Height in feet	Spread in feet	Mitigation in sf	Speciman in sf	Notes	Disposition
Pinecrest	2165	Lagerstroemia indica	Crepe Myrtle	10	20	20			Good condition	Remain
Pinecrest	2166	Lagerstroemia indica	Crepe Myrtle	10	20	20			Good condition	Remain
Pinecrest	2167	Persea americana	Avocado Tree	24	20	30			Good condition	Remain
Pinecrest	2168	Swietenia mahagoni	Mahogany Tree	15	20	30			Good condition	Remain
Pinecrest	2169	Swietenia mahagoni	Mahogany Tree	30	20	30			Good condition	Remain
Pinecrest	2170	Lagerstroemia indica	Crepe Myrtle	12	20	30			Good condition with poor structure	Remain
Pinecrest	2171	Swietenia mahagoni	Mahogany Tree	20	20	30			Good condition with some strcm damage	Remain
Pinecrest	2172	Lagerstroemia indica	Crepe Myrtle	10	20	30			Good condition	Remain
Pinecrest	2173	Ficus benjamina	Ficus	48	20	50			Good condition	Remain
Pinecrest	2174	Lagerstroemia indica	Crepe Myrtle	10	20	30			Good condition	Remain
Pinecrest	2175	Lagerstroemia indica	Crepe Myrtle	12	20	30	706.50		Good condition, in conflict with construction	Remove
Pinecrest	2176	Lysiloma latisiliquum	Lysiloma	12	20	30	706.50		Poor structure-trunk broke at 4' only sucker shoots	Remove
Pinecrest	2177	Bucida buceras	Black Olive	24	20	50			Good condition	Remain
Pinecrest	2178	Lagerstroemia indica	Crepe Myrtle	12	20	30			Good condition	Remain
Pinecrest	2179	Unknown sp.		6	8	5			Good condition	Remain
Pinecrest	2180	Unknown sp.		6	8	5			Good condition	Remain
Pinecrest	2292	Lagerstroemia indica	Crepe Myrtle	12	20	25			Good condition	Remain
Pinecrest	2293	Lagerstroemia indica	Crepe Myrtle	12	20	25			Good condition	Remain
Pinecrest	2294	Lagerstroemia indica	Crepe Myrtle	12	20	25			Good condition	Remain
Pinecrest	2295	Lagerstroemia indica	Crepe Myrtle	15	20	25			Good condition	Remain
Pinecrest	2296	Unknown sp.		6	20	5	19.63		Poor condition and in conflict with electrical pole	Remove
Pinecrest	2297	Sabal palmetto	Sabal Palm	15	8	8	50.24		Poor condition and in conflict with electrical pole	Remove
Pinecrest	2298	Sabal palmetto	Sabal Palm	15	8	8	50.24		Poor condition and in conflict with electrical pole	Remove
Pinecrest	2299	Lagerstroemia indica	Crepe Myrtle	8	20	20			Good condition	Remain
Pinecrest	2300	Lagerstroemia indica	Crepe Myrtle	8	20	20			Good condition	Remain
Pinecrest	2301	Lagerstroemia indica	Crepe Myrtle	8	20	20			Good condition	Remain
Pinecrest	2302	Lagerstroemia indica	Crepe Myrtle	12	20	20			Good condition	Remain
Pinecrest	2303	Lagerstroemia indica	Crepe Myrtle	12	20	20			Good condition	Remain
Pinecrest	2304	Lagerstroemia indica	Crepe Myrtle	12	20	20			Good condition	Remain
Pinecrest	2436	Lagerstroemia indica	Crepe Myrtle	10	15	20	314.00		Remove to give space for the Royal Poinciana	Remove
Pinecrest	2437	Lagerstroemia indica	Crepe Myrtle	10	15	20	314.00		Remove to give space for the Royal Poinciana	Remove
Pinecrest	2438	Lagerstroemia indica	Crepe Myrtle	10	15	20	314.00		Remove to give space for the Royal Poinciana	Remove
Pinecrest	2439	Delonix regia	Royal Poinciana	15	30	50			Good condition	Remain
Pinecrest	2440	Bischofia javanica	Bishopwood	15	30	30	706.50		Remove to give space for the Royal Poinciana	Remove
Pinecrest	2441	Delonix regia	Royal Poinciana	12	30	50			Good condition	Remain
Pinecrest	2442	Delonix regia	Royal Poinciana	20	30	40			Good condition	Remain
Pinecrest	2443	Lagerstroemia indica	Crepe Myrtle	20	30	20	314.00	314.00	Remove to give space for the Royal Poinciana	Remove
Pinecrest	2444	Lagerstroemia indica	Crepe Myrtle	20	30	20			Good condition	Remain
Pinecrest	2445	Lagerstroemia indica	Crepe Myrtle	20	20	20			Good condition	Remain
Pinecrest	2446	Swietenia mahagoni	Mahogany Tree	26	20	20			Good condition	Remain
Pinecrest	2447	Cassia bakeriana	Cassia	2	10	10			Newly planted, good condition	Remain
Pinecrest	2448	Cassia bakeriana	Cassia	2	10	10			Newly planted, good condition	Remain
Pinecrest	2449								Missing	
Pinecrest	2450	Lagerstroemia indica	Crepe Myrtle	24	20	20			Good condition	Remain
Pinecrest	2451	Swietenia mahagoni	Mahogany Tree	4	20	20			Strangler fig attached and can't be removed	Remain
Pinecrest	2452	Cassia fistula	Cassia	8	20	20			Fair condition	Remain
Pinecrest	2742	Swietenia mahagoni	Mahogany Tree	24	25	30	706.50	706.50	Poor condition-storm damage and too close to hydrant	Remove
Pinecrest	2743	Lagerstroemia indica	Crepe Myrtle	10	20	20			Good condition	Remain
Pinecrest	2744	Lagerstroemia indica	Crepe Myrtle	10	20	20			Good condition	Remain
Pinecrest	2745	Lagerstroemia indica	Crepe Myrtle	10	20	20			Good condition	Remain
Pinecrest	2746	Delonix regia	Royal Poinciana	24	30	80			Good condition	Remain
Pinecrest	2747	Quercus virginiana	Live Oak	4	20	20			Good condition	Remain
Pinecrest	2748	Swietenia mahagoni	Mahogany Tree	40	20	60			Good condition-remove queen palm	Remain
Pinecrest	2749	Swietenia mahagoni	Mahogany Tree	24	20	60			Good condition	Remain
Pinecrest	2750	Bischofia javanica	Bishopwood	24	20	40			Good condition	Remain
Pinecrest	2751	Bischofia javanica	Bishopwood	15	20	40			Good condition	Remain
Pinecrest	2752	Bischofia javanica	Bishopwood	15	20	40			Good condition	Remain
Pinecrest	2753	Lagerstroemia indica	Crepe Myrtle	10	20	20			Good condition	Remain
Pinecrest	2754	Calistemon viminalis	Bottlebrush	24	20	30			Good condition	Remain
Pinecrest	2755	Swietenia mahagoni	Mahogany Tree	48	30	50			Good condition	Remain

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Pinecrest Tree Disposition List

Pinecrest Tree Disposition List

City	Tree #	Scientific Name	Common Name	DBH in inches	Height in feet	Spread in feet	Mitigation in sf	Speciman in sf	Notes	Disposition
Pinecrest	2756	Swietenia mahagoni	Mahogany Tree	18	30	30			Good condition	Remain
Pinecrest	2757	Lagerstroemia indica	Crepe Myrtle	12	20	30			Good condition	Remain
Pinecrest	2758	Lagerstroemia indica	Crepe Myrtle	12	20	30			Good condition	Remain
Pinecrest	2759	Swietenia mahagoni	Mahogany Tree	16	20	20			Good condition	Remain
Pinecrest	2760	Missing								
Pinecrest	2761	Delonix regia	Royal Poinciana	15	20	40			Good condition	Remain
Pinecrest	2762	Lagerstroemia indica	Crepe Myrtle	10	20	10	78.50		Remove to give space for the Royal Poinciana	Remove
Pinecrest	2763	Lagerstroemia indica	Crepe Myrtle	10	20	10			Good condition	Remain
Pinecrest	2764	Schefflera actinophylla	Umbrella Tree	15	20	20	314.00		Remove to give space for the Royal Poinciana, invasive	Remove
Pinecrest	2766	Adonidia merrillii	Christmas Palm	4	15	5			Good condition	Remain
Pinecrest	2767	Adonidia merrillii	Christmas Palm	4	15	5			Good condition	Remain
Pinecrest	2768	Missing								
Pinecrest	2769	Ptychosperma elegans	Solitaire palm	4	15	5			Good condition	Remain
Pinecrest	2770	Ptychosperma elegans	Solitaire palm	4	15	5			Good condition	Remain
Pinecrest	2771	Missing								
Pinecrest	2999	Swietenia mahagoni	Mahogany Tree	24	30	30			Good condition	Remain
Pinecrest	3000	Swietenia mahagoni	Mahogany Tree	18	30	30			Fair condition, some storm damage	Remain
Pinecrest	3001	Swietenia mahagoni	Mahogany Tree	24	30	30			Good condition	Remain
Pinecrest	3002	Swietenia mahagoni	Mahogany Tree	24	30	30			Good condition	Remain
Pinecrest	3003	Lagerstroemia indica	Crepe Myrtle	8	30	20			Good condition	Remain
Pinecrest	3004	Lagerstroemia indica	Crepe Myrtle	8	30	20			Good condition	Remain
Pinecrest	3361	Missing								
Pinecrest	3362	Lagerstroemia indica	Crepe Myrtle	9	30	20			Good condition	Remain
Pinecrest	3363	Lagerstroemia indica	Crepe Myrtle	9	30	20			Good condition	Remain
Pinecrest	3364	Bucida buceras	Black Olive	24	50	60			Good condition	Remain
Pinecrest	3365	Bucida buceras	Black Olive	24	50	60			Good condition	Remain
Pinecrest	3366	Lysiloma latisiliquum	Lysiloma	24	50	25			Good condition	Remain
Pinecrest	3367	Ficus sp.	Ficus	24	50	25	490.63	490.63	Poor condition	Remove
Pinecrest	3368	Ficus benghalensis	Banyan Tree	39	40	50				Remain
Pinecrest	3369	Unknown sp.		9	30	20	314.00		Poor structure	Remove
Pinecrest	3370	Delonix regia	Royal Poinciana	24	30	40			Healthy buy poor structure	Remain
Pinecrest	3371	Jacaranda mimosifolia	Jacaranda	24	30	50			Lopsided but provides good shade	Remain
Pinecrest	3372	Syagrus romanzoffiana	Queen Palm	9	30				This area is a mess. Clear out brazilian pepper, ficus hedge and misc scrub to allow space for trees and palms to thrive.	Remain
Pinecrest	3373	Persea americana	Avocado Tree	20	40	50				Remain
Pinecrest	3374	Hyophorbe lagenicaulis	Bottle Palm	10	5					Remain
Pinecrest	3375	Syagrus romanzoffiana	Queen Palm	10	15					Remain
Pinecrest	3376	Persea americana	Avocado Tree	20	35	40				Remain
Pinecrest	3377	Persea americana	Avocado Tree	20	35	40				Remain
Pinecrest	3378	Lagerstroemia indica	Crepe Myrtle	8	25	20	314.00		Good condition, in conflict with construction	Remove
Pinecrest	3379	Lagerstroemia indica	Crepe Myrtle	8	25	20	314.00		Good condition, in conflict with construction	Remove

Pinecrest	3380	Lagerstroemia indica	Crepe Myrtle	8	25	20	314.00		Good condition, in conflict with construction	Remove
Pinecrest	3381	Lagerstroemia indica	Crepe Myrtle	8	25	20	314.00		Within the 10' clear zone, poor condition and blocking school zone sign	Remove
Pinecrest	3382	Unknown sp.		4	15	10			Good condition	Remain
Pinecrest	3383	Unknown sp.		4	15	10			Good condition	Remain
Pinecrest	3753	Bursera simaruba	Gumbo Limbo	12	20	20			Good condition	Remain
Pinecrest	3754	Lagerstroemia indica	Crepe Myrtle	8	20	20			Good condition	Remain
Pinecrest	3755	Lagerstroemia indica	Crepe Myrtle	8	20	20			Good condition	Remain
Pinecrest	3756	Lagerstroemia indica	Crepe Myrtle	8	20	20			Good condition	Remain
Pinecrest	3757	Lagerstroemia indica	Crepe Myrtle	8	20	20			Good condition	Remain
Pinecrest	3758	Lagerstroemia indica	Crepe Myrtle	8	20	20			Good condition	Remain
Pinecrest	3759	Lagerstroemia indica	Crepe Myrtle	10	20	20			Good condition	Remain
Pinecrest	3760	Lysiloma latisiliquum	Lysiloma	15	30	30			Good condition	Remain
Pinecrest	3761	Bauhinia blakeana	Hong Kong Orchid	18	30	30			Good condition	Remain
Pinecrest	3762	Bauhinia blakeana	Hong Kong Orchid	18	30	30			Good condition	Remain
Pinecrest	3763	Lysiloma latisiliquum	Lysiloma	12	10	10			Good condition	Remain

City	Tree #	Scientific Name	Common Name	DBH in inches	Height in feet	Spread in feet	Mitigation in sf	Speciman in sf	Notes	Disposition
Pinecrest	3764	Missing								
Pinecrest	3765	Missing								
Pinecrest	3766	Missing								
Pinecrest	3767	Lagerstroemia indica	Crepe Myrtle	10	15	25			Good condition	Remain
Pinecrest	3768	Lagerstroemia indica	Crepe Myrtle	10	15	25			Good condition	Remain
Pinecrest	3769	Lagerstroemia indica	Crepe Myrtle	10	15	25	490.63		Good condition, in conflict with construction	Remove
Pinecrest	3770	Lagerstroemia indica	Crepe Myrtle	10	15	25	490.63		Good condition, in conflict with construction	Remove
Pinecrest	3819	Bursera simaruba	Gumbo Limbo	10	20	30			Good condition	Remain
Pinecrest	3837	Bursera simaruba	Gumbo Limbo	15	30	40			Good condition	Remain
Pinecrest	3873	Swietenia mahagoni	Mahogany Tree	15	35	35			Good condition, under powerlines	Remain
Pinecrest	3874	Swietenia mahagoni	Mahogany Tree	15	35	35			Good condition, under powerlines	Remain
Pinecrest	3875	Swietenia mahagoni	Mahogany Tree	15	35	35			Good condition, under powerlines	Remain
Pinecrest	3876	Swietenia mahagoni	Mahogany Tree	30	35	60			Good condition, under powerlines	Remain
Pinecrest	3877	Lagerstroemia indica	Crepe Myrtle	10	20	20			Good condition	Remain
Pinecrest	3918	Wodyetia bifurcata	Foxtail Palm	10	20	10	78.50		Poor condition, in conflict with construction	Remove
Pinecrest	4121	Quercus virginiana	Live Oak	15	40	50			Good condition	Remain
Pinecrest	4122	Lagerstroemia indica	Crepe Myrtle	10	20	30			Good condition	Remain
Pinecrest	4123	Lagerstroemia indica	Crepe Myrtle	10	20	30			Good condition	Remain
Pinecrest	4124	Lagerstroemia indica	Crepe Myrtle	10	20	30			Good condition	Remain
Pinecrest	4125	Lagerstroemia indica	Crepe Myrtle	10	20	30			Fair condition	Remain
Pinecrest	4126	Conocarpus erectus 'sericeus'	Silver Buttonwood	2	8	4			Fair condition	Remain
Pinecrest	4127	Conocarpus erectus 'sericeus'	Silver Buttonwood	2	8	4			Fair condition	Remain
Pinecrest	4128	Conocarpus erectus 'sericeus'	Silver Buttonwood	2	8	4			Fair condition	Remain
Pinecrest	4129	Conocarpus erectus 'sericeus'	Silver Buttonwood	2	8	4			Fair condition	Remain
Pinecrest	4130	Ficus benghalensis	Banyan Tree	22	30	50			Good condition	Remain
Pinecrest	4131	Terminalia catappa	Tropical Almond	12	20	30				Remain
Pinecrest	4132	Terminalia catappa	Tropical Almond	12	30	30				Remain
Pinecrest	4133	Lagerstroemia indica	Crepe Myrtle	10	20	30			Good condition	Remain
Pinecrest	4134	Lagerstroemia indica	Crepe Myrtle	10	20	30			Good condition	Remain
Pinecrest	4135	Lagerstroemia indica	Crepe Myrtle	10	20	30			Good condition	Remain
Pinecrest	4136	Lagerstroemia indica	Crepe Myrtle	10	20	30			Good condition	Remain
Pinecrest	4137	Lagerstroemia indica	Crepe Myrtle	10	20	30			Good condition	Remain
Pinecrest	4259	Swietenia mahagoni	Mahogany Tree	17	25	40			Good condition	Remain
Pinecrest	4260	Lagerstroemia indica	Crepe Myrtle	12	25	30			Good condition	Remain
Pinecrest	4261	Lagerstroemia indica	Crepe Myrtle	12	25	30			Good condition	Remain
Pinecrest	4262	Lagerstroemia indica	Crepe Myrtle	12	25	30			Good condition	Remain
Pinecrest	4263	Lagerstroemia indica	Crepe Myrtle	12	25	30			Good condition	Remain
Pinecrest	4264	Lagerstroemia indica	Crepe Myrtle	12	25	30			Good condition	Remain

Pinecrest	4265	Lagerstroemia indica	Crepe Myrtle	12	25	30			Good condition	Remain
Pinecrest	4266	Lagerstroemia indica	Crepe Myrtle	12	25	30			Good condition	Remain
Pinecrest	4267	Lagerstroemia indica	Crepe Myrtle	12	25	30			Good condition	Remain
Pinecrest	4268	Lagerstroemia indica	Crepe Myrtle	12	25	30			Good condition	Remain
Pinecrest	4269	Quercus virginiana	Live Oak	15	25	30			Good condition	Remain
Pinecrest	4270	Quercus virginiana	Live Oak	15	25	30			Good condition	Remain
Pinecrest	4271	Cordia sebestena	Orange Geiger	1	8	4	12.56		Under Oak Tree	Remove
Pinecrest	4272	Quercus virginiana	Live Oak	10	30	30			Good condition	Remain
Pinecrest	4515	Lagerstroemia indica	Crepe Myrtle	10	25	25			Good condition	Remain
Pinecrest	4516	Lagerstroemia indica	Crepe Myrtle	10	25	25			Good condition	Remain
Pinecrest	4517	Missing								
Pinecrest	4518	Lagerstroemia indica	Crepe Myrtle	12	30	30			Good condition	Remain
Pinecrest	4519	Lagerstroemia indica	Crepe Myrtle	12	30	30			Good condition	Remain
Pinecrest	4520	Lagerstroemia indica	Crepe Myrtle	12	30	30			Good condition	Remain
Pinecrest	4521	Lagerstroemia indica	Crepe Myrtle	12	30	30			Good condition	Remain
Pinecrest	4522	Lagerstroemia indica	Crepe Myrtle	12	30	30			Good condition	Remain
Pinecrest	4523	Bucida buceras	Black Olive	22	50	50			Good condition	Remain
Pinecrest	4524	Bucida buceras	Black Olive	22	50	50			Good condition but heavily trimmed due to powerlines	Remain
Pinecrest	4525	Bucida buceras	Black Olive	22	50	50			Good condition	Remain
Pinecrest	4526	Lagerstroemia indica	Crepe Myrtle	10	15	15			Good condition	Remain
Pinecrest	4527	Quercus virginiana	Oak Tree	12	30	30			Good condition	Remain
Pinecrest	4776	Unknown sp.		20	40	30			Good condition	Remain
Pinecrest	4777	Lagerstroemia indica	Crepe Myrtle	15	40	30			Good condition	Remain
Pinecrest	4778	Lagerstroemia indica	Crepe Myrtle	15	40	30			Good condition	Remain
Pinecrest	4779	Lagerstroemia indica	Crepe Myrtle	15	40	30			Good condition	Remain

Pinecrest Tree Disposition List

City	Tree #	Scientific Name	Common Name	DBH in inches	Height in feet	Spread in feet	Mitigation in sf	Speciman in sf	Notes	Disposition
Pinecrest	4780	Lagerstroemia indica	Crepe Myrtle	15	40	30			Good condition	Remain
Pinecrest	4781	Lagerstroemia indica	Crepe Myrtle	15	40	30			Good condition	Remain
Pinecrest	4788	Missing								
Pinecrest	7085	Out of Scope of work								
Pinecrest	7133	Out of Scope of work								
Pinecrest	7135	Out of Scope of work								
Pinecrest	7136	Out of Scope of work								
Pinecrest	7143	Out of Scope of work								
Pinecrest	7152	Out of Scope of work								
Pinecrest	7188	Out of Scope of work								
Pinecrest	7198	Out of Scope of work								
Pinecrest	7199	Out of Scope of work								
Pinecrest	7200	Out of Scope of work								
Pinecrest	7217	Out of Scope of work								
Pinecrest	7218	Out of Scope of work								
Pinecrest	7219	Out of Scope of work								
Pinecrest	7220	Out of Scope of work								
Pinecrest	7221	Out of Scope of work								
Pinecrest	7239	Out of Scope of work								
Pinecrest	7240	Out of Scope of work								
Pinecrest	7343	Out of Scope of work								
Pinecrest	7516	Cassia fistula	Cassia	8	15	5			Poor condition and structure, broken branches	Remain
Pinecrest	7547	Lagerstroemia indica	Crepe Myrtle	5	15	10			Good condition	Remain
Pinecrest	7548	Lagerstroemia indica	Crepe Myrtle	5	15	10			Good condition	Remain
Pinecrest	7554	Lagerstroemia indica	Crepe Myrtle	5	15	10			Good condition	Remain
Pinecrest	7555	Lagerstroemia indica	Crepe Myrtle	5	4	5	19.63		Stump with sucker shoots	Remove
Pinecrest	7560	Lagerstroemia indica	Crepe Myrtle	5	4	5	19.63		Stump with sucker shoots	Remove
Pinecrest	7563	Lagerstroemia indica	Crepe Myrtle	5	15	10			Good condition	Remain
Pinecrest	7564	Lagerstroemia indica	Crepe Myrtle	5	15	10			Good condition	Remain
Pinecrest	7565	Lagerstroemia indica	Crepe Myrtle	5	15	10			Good condition	Remain
Pinecrest	7566	Lagerstroemia indica	Crepe Myrtle	5	15	10			Good condition	Remain
Pinecrest	7551	Bursera simaruba	Gumbo Limbo	10	25	25			Good condition	Remain
Pinecrest	7552	Bursera simaruba	Gumbo Limbo	10	25	25			Good condition	Remain
Pinecrest	7553	Cassia fistula	Cassia	12	25	30			Good condition	Remain
Pinecrest	7554	Bursera simaruba	Gumbo Limbo	10	25	25			Good condition	Remain
Pinecrest	7555	Bursera simaruba	Gumbo Limbo	10	25	25			Good condition	Remain
Pinecrest	7656	Bursera simaruba	Gumbo Limbo	10	25	25			Good condition	Remain
Pinecrest	7669	Bucida buceras	Black Olive	24	10	10	78.50	78.50	Poor structure trunk with sucker shoots	Remove
Pinecrest	7670	Bursera simaruba	Gumbo Limbo	10	25	25			Good condition	Remain
Pinecrest	7671	Persea americana	Avocado Tree	12	20	20			Good condition	Remain
Pinecrest	7696	Lagerstroemia indica	Crepe Myrtle	10	10	30			Good condition	Remain
Pinecrest	7750	Lagerstroemia indica	Crepe Myrtle	12	20	10			Good condition	Remain
Pinecrest	7751	Lagerstroemia indica	Crepe Myrtle	12	20	10			Good condition	Remain
Pinecrest	7766	Lagerstroemia indica	Crepe Myrtle	8	20	10			Good condition	Remain
Pinecrest	7767	Lagerstroemia indica	Crepe Myrtle	8	15	15			Good condition	Remain
Pinecrest	7798	Livistona chinensis	Chinese Fan Palm	10	12	12	113.04		Poor condition, under tree canopy	Remove
Pinecrest	7799	Livistona chinensis	Chinese Fan Palm	10	12	12	113.04		Poor condition, under tree canopy	Remove
Pinecrest	7800	Livistona chinensis	Chinese Fan Palm	10	12	12	113.04		Poor condition, under tree canopy	Remove
Pinecrest	7801	Livistona chinensis	Chinese Fan Palm	10	12	12	113.04		Poor condition, under tree canopy	Remove
Pinecrest	7802	Livistona chinensis	Chinese Fan Palm	10	12	12	113.04		Poor condition, under tree canopy	Remove
Pinecrest	7803	Livistona chinensis	Chinese Fan Palm	10	12	12	113.04		Poor condition, under tree canopy	Remove
Pinecrest	7804	Araucaria heterophylla	Northfolk Island Pine	18	15	10	78.50	78.50	Poor condition, under tree canopy	Remove
Pinecrest	7805	Livistona chinensis	Chinese Fan Palm	3	10	5	19.63		Poor condition, under tree canopy	Remove
Pinecrest	7807	Veitchia sp.		4	15				Cluster of plams of all sizes	Remain
Pinecrest	7821	Bischofia javanica	Bishopwood	10	20	10			Very shady mcldy and slipery walks	Remain
Pinecrest	7822	Bischofia javanica	Bishopwood	16	20	20			Very shady mcldy and slipery walks	Remain
Pinecrest	7832	Bischofia javanica	Bishopwood	16	20	20			Very shady mcldy and slipery walks	Remain
Pinecrest	7863	Bischofia javanica	Bishopwood	36	30	30			Very shady mcldy and slipery walks	Remain
Pinecrest	7864	Bischofia javanica	Bishopwood	36	30	30			Very shady mcldy and slipery walks	Remain
Pinecrest	7893	Bischofia javanica	Bishopwood	36	30	30			Very shady mcldy and slipery walks	Remain
Pinecrest	7894	Bischofia javanica	Bishopwood	36	30	30			Very shady mcldy and slipery walks	Remain
Pinecrest	7935	Bischofia javanica	Bishopwood	24	30	30			Very shady mcldy and slipery walks	Remain
Pinecrest	7936	Bischofia javanica	Bishopwood	24	30	30			Very shady mcldy and slipery walks	Remain
Pinecrest	7943	Lysiloma latisiliquum	Lysiloma	4	10	10			Very shady mcldy and slipery walks	Remain
Pinecrest	8040	Bischofia javanica	Bishopwood	18	30	30			Very shady mcldy and slipery walks	Remain
Pinecrest	8057	Lagerstroemia indica	Crepe Myrtle	6	20	20			Very shady mcldy and slipery walks	Remain
Pinecrest	8060	Lagerstroemia indica	Crepe Myrtle	6	20	20			Very shady mcldy and slipery walks	Remain
Pinecrest	8061	Lagerstroemia indica	Crepe Myrtle	6	20	20			Very shady mcldy and slipery walks	Remain

Mitigation 10,722
Speciman Mitigation 2,159
Total Mitigation 12,880
Mitigation trees 1 tree per 300 sf 42.93

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Pinecrest
Tree Disposition List

Palmetto Bay Tree Disposition List

City	Tree #	Scientific Name	Common Name	DBH in inches	Height in feet	Spread in feet	Mitigation in sf	Speciman in sf	Notes	Disposition
Palmetto	612	Missing								
Palmetto	613	Wodyetia bifurcata	Foxtail Palm	8.5	20	10	78.50		Good condition, conflict with construction	Remove
Palmetto	614	Wodyetia bifurcata	Foxtail Palm	8.5	20	10	78.50		Good condition, conflict with construction	Remove
Palmetto	615	Wodyetia bifurcata	Foxtail Palm	8.5	20	10	78.50		Poor condition	Remove
Palmetto	616	Wodyetia bifurcata	Foxtail Palm	8.5	20	10	78.50		Poor condition, conflict with construction	Remove
Palmetto	617	Wodyetia bifurcata	Foxtail Palm	8.5	20	10	78.50		Good condition, conflict with construction	Remove
Palmetto	618	Wodyetia bifurcata	Foxtail Palm	8.5	20	10	78.50		Poor condition	Remove
Palmetto	619	Wodyetia bifurcata	Foxtail Palm	8.5	20	10	78.50		Good condition, conflict with construction	Remove
Palmetto	620	Wodyetia bifurcata	Foxtail Palm	8.5	20	10	78.50		Good condition, conflict with construction	Remove
Palmetto	621	Wodyetia bifurcata	Foxtail Palm	8.5	20	10	78.50		Good condition, conflict with construction	Remove
Palmetto	622	Wodyetia bifurcata	Foxtail Palm	8.5	20	10	78.50		Good condition, conflict with construction	Remove
Palmetto	623	Wodyetia bifurcata	Foxtail Palm	10	20	10	78.50		Good condition, conflict with construction	Remove
Palmetto	624	Wodyetia bifurcata	Foxtail Palm	8.5	20	10	78.50		Poor condition, conflict with construction	Remove
Palmetto	625	Wodyetia bifurcata	Foxtail Palm	8.5	20	10	78.50		Good condition, conflict with construction	Remove
Palmetto	626	Wodyetia bifurcata	Foxtail Palm	8.5	20	10	78.50		Good condition, conflict with construction	Remove
Palmetto	627	Wodyetia bifurcata	Foxtail Palm	8.5	20	10	78.50		Good condition, conflict with construction	Remove
Palmetto	628	Wodyetia bifurcata	Foxtail Palm	9.5	20	10	78.50		Good condition, conflict with construction	Remove
Palmetto	629	Lagerstroemia indica	Crepe Myrtle	8	20	20	314.00		Good condition, conflict with construction	Remove
Palmetto	630	Lagerstroemia indica	Crepe Myrtle	8	20	20	314.00		Good condition, conflict with construction	Remove
Palmetto	824	Delonix regia	Royal Poinciana	17, 15, 19	50	50			Ok health, poor trimming, overhead powerlines(remain or remove)	Remain
Palmetto	825	Delonix regia	Royal Poinciana	36	50	50			Ok health overhead powerlines (remain or remove)	Remain
Palmetto	828	Lagerstroemia indica	Crepe Myrtle	15	25	30			Good condition	Remain
Palmetto	829	Manilkara zapota	Sapodilla	10	20	20	314.00		Fair condition	Remove
Palmetto	830	Missing								
Palmetto	831	Bucida buceras	Black Olive	24	60	60			Some storm damage (remain or remove)	Remain
Palmetto	832	Lysiloma latisiliquum	Lysiloma	18	20	20	314.00	314.00	Very poor structure and under tree canopy, in conflict with construction	Remove
Palmetto	833	Delonix regia	Royal Poinciana	30	50	70			Good condition	Remain
Palmetto	834	Delonix regia	Royal Poinciana	30	60	60			Good condition, double trunk	Remain
Palmetto	1276	Jacaranda mimosifolia	Jacaranda	12	20	30	706.50		Poor structure	Remove
Palmetto	1277	Wodyetia bifurcata	Foxtail Palm	8	20	10	78.50		Fair condition	Remove
Palmetto	1278	Wodyetia bifurcata	Foxtail Palm	8	20	10	78.50		Fair condition	Remove
Palmetto	1280	Lagerstroemia indica	Crepe Myrtle	6	15	15			Good condition	Remain
Palmetto	1281	Lagerstroemia indica	Crepe Myrtle	6	15	15			Good condition	Remain
Palmetto	1756	Jacaranda mimosifolia	Jacaranda	24	25	25	490.63	490.63	Poor structure, multitrunk	Remove
Palmetto	1757	Wodyetia bifurcata	Foxtail Palm	10	20	10			Good condition	Remain
Palmetto	1758	Wodyetia bifurcata	Foxtail Palm	10	20	10			Good condition	Remain
Palmetto	1759	Wodyetia bifurcata	Foxtail Palm	10	20	10	78.50		Poor condition	Remove
Palmetto	1760	Wodyetia bifurcata	Foxtail Palm	10	20	10	78.50		Poor condition	Remove
Palmetto	1760a	Wodyetia bifurcata	Foxtail Palm	10	20	10	78.50		Fair condition, in conflict with construction	Remove
Palmetto	1761	Livistona chinensis	Chinese Fan Palm	12	8				Good condition	Remain
Palmetto	1762	Livistona chinensis	Chinese Fan Palm	12	8				Good condition	Remain
Palmetto	1763	Livistona chinensis	Chinese Fan Palm	12	8				Good condition	Remain
Palmetto	1764	Livistona chinensis	Chinese Fan Palm	12	8				Good condition	Remain
Palmetto	1765	Livistona chinensis	Chinese Fan Palm	12	8				Good condition	Remain
Palmetto	1766	Quercus Virginiana	Oak Tree	5	15	10	78.50		Poor condition	Remove
Palmetto	1767	Quercus Virginiana	Oak Tree						Good condition, in conflict with construction	Relocate
Palmetto	1768	Quercus Virginiana	Oak Tree						Good condition, in conflict with construction	Relocate
Palmetto	1953	Tabebuia heterophyll	Pink Tabebuia	5	15	15	176.63		Leaning and poor condition, in conflict with construction	Remove
Palmetto	1954	Tabebuia heterophyll	Pink Tabebuia	5	15	15	176.63		Leaning and poor condition, in conflict with construction	Remove
Palmetto	1955	Bursera simaruba	Gumbo Limbo	12	35	35			Good condition	Remain
Palmetto	1956	Bursera simaruba	Gumbo Limbo	12	35	35			Good condition	Remain
Palmetto	1957	Bursera simaruba	Gumbo Limbo	12	35	35			Good condition	Remain
Palmetto	1958	Bursera simaruba	Gumbo Limbo	12	35	35			Good condition	Remain
Palmetto	1959	Bursera simaruba	Gumbo Limbo	12	35	35			Good condition	Remain
Palmetto	1960	Missing								
Palmetto	2163	Quercus Virginiana	Oak Tree	22	40	45			Good condition	Remain
Palmetto	3384	Delonix regia	Royal Poinciana	30	50	70			Good condition, good form	Remain
Palmetto	3385	Bursera simaruba	Gumbo Limbo	15	20	20			Good condition, good form	Remain
Palmetto	3386	Bursera simaruba	Gumbo Limbo	15	20	20			Good condition, good form	Remain
Palmetto	3387	Bursera simaruba	Gumbo Limbo	15	20	20			Good condition, good form	Remain
Palmetto	3388	Bursera simaruba	Gumbo Limbo	15	20	20			Good condition, good form	Remain
Palmetto	3389	Lagerstroemia indica	Crepe Myrtle	8	20	20			Good condition, good form	Remain
Palmetto	3390	Lagerstroemia indica	Crepe Myrtle	8	20	20			Good condition, good form	Remain
Palmetto	3391	Lysiloma latisiliquum	Lysiloma	8	20	20			Good condition, good form	Remain
Palmetto	3392	Missing								
Palmetto	3389	Lagerstroemia indica	Crepe Myrtle	8	20	20			Good condition, good form	Remain
Palmetto	3390	Lagerstroemia indica	Crepe Myrtle	8	20	20			Good condition, good form	Remain
Palmetto	3391	Lysiloma latisiliquum	Lysiloma	8	20	20			Good condition, good form	Remain
Palmetto	3392	Missing								
Palmetto	3395	Delonix regia	Royal Poinciana	10	20	20			Good condition	Remain
Palmetto	3396	Wodyetia bifurcata	Foxtail Palm	10	20	10			Good condition	Remain
Palmetto	3397	Lagerstroemia indica	Crepe Myrtle	5	20	20			Good condition	Remain
Palmetto	3398	Chorisa speciosa	Pink Silk Floss Tree	5	20	20			Good condition, in conflict with construction	Remove
Palmetto	3771	Ficus benjamina	Ficus	10	15	15			Fair condition	Remain

City	Tree #	Scientific Name	Common Name	DBH in inches	Height in feet	Spread in feet	Mitigation in sf	Speciman in sf	Notes	Disposition
Palmetto	3772	Lagerstroemia indica	Crepe Myrtle	10	15	15	176.63		Good condition, in conflict with construction	Remove
Palmetto	3773	Delonix regia	Royal Poinciana	12	15	35	961.63		Good condition, in conflict with construction	Remove
Palmetto	3774	Lagerstroemia indica	Crepe Myrtle	10	15	15	176.63		Good condition, in conflict with construction	Remove
Palmetto	3775	Missing								
Palmetto	3776	Quercus virginiana	Live Oak	12	35	35			Good condition	Remain
Palmetto	3777	Quercus virginiana	Live Oak	12	35	35			Good condition	Remain
Palmetto	3778	Wodyetia bifurcata	Foxtail Palm	10	20	10			Dead	Remove
Palmetto	3779	Ligustrum japonicum	Wax Privet	5	10	10			Very good condition	Remain
Palmetto	3780	Ligustrum japonicum	Wax Privet	5	10	10			Very good condition	Remain
Palmetto	3781	Ligustrum japonicum	Wax Privet	5	10	10			Very good condition	Remain
Palmetto	3782	Ligustrum japonicum	Wax Privet	5	10	10			Very good condition	Remain
Palmetto	3783	Ligustrum japonicum	Wax Privet	5	10	10			Very good condition	Remain
Palmetto	3784	Ligustrum japonicum	Wax Privet	5	10	10			Very good condition	Remain
Palmetto	3785	Quercus virginiana	Live Oak	15	30	40			Good condition	Remain
Palmetto	3786	Wodyetia bifurcata	Foxtail Palm	10	20	10	78.50		Poor condition, in conflict with construction	Remove
Pincrest	3378	Lagerstroemia indica	Crepe Myrtle	10	20	20			Good condition	Remain
Palmetto	4138	Delonix regia	Royal Poinciana	15	30	30	706.50		Poor condition, in conflict with construction	Remove
Palmetto	4139	Lagerstroemia indica	Crepe Myrtle	10	30	30	706.50		Good condition, in conflict with construction	Remove
Palmetto	4140	Lagerstroemia indica	Crepe Myrtle	10	30	30	706.50		Good condition, in conflict with construction	Remove
Palmetto	4141	Wodyetia bifurcata	Foxtail Palm	10	30	10	78.50		Fair condition, in conflict with construction	Remove
Palmetto	4142	Delonix regia	Royal Poinciana	6	15	15	176.63		Poor structure and condition, in conflict with construction	Remove
Palmetto	4273	Missing								
Palmetto	4274	Lagerstroemia indica	Crepe Myrtle	14	20	20			Good condition	Remain
Palmetto	4275	Wodyetia bifurcata	Foxtail Palm	10	40	10	78.50		Poor condition	Remove
Palmetto	4276	Quercus virginiana	Live Oak	2	10	4			Good condition	Remain
Palmetto	4277	Quercus virginiana	Live Oak	6	15	10			Good condition	Remain
Palmetto	4278	Quercus virginiana	Live Oak	6	15	10			Good condition	Remain
Palmetto	4279	Lagerstroemia indica	Crepe Myrtle	15	20	30			Good condition	Remain
Palmetto	4280	Lagerstroemia indica	Crepe Myrtle	15	20	30			Good condition	Remain
Palmetto	4281	Missing								
Palmetto	4282	Missing								
Palmetto	4529	Wodyetia bifurcata	Foxtail Palm	12	20				Good condition	Remain
Palmetto	4530	Lagerstroemia indica	Crepe Myrtle	8	30	30			Good condition, well maintained	Remain
Palmetto	4531	Lagerstroemia indica	Crepe Myrtle	8	30	30			Good condition, well maintained	Remain
Palmetto	4532	Missing								
Palmetto	4533	Missing								
Palmetto	4534	Missing								
Palmetto	4756	Phoenix reobellini	Pigmy Date Palm	2	8				Good condition	Remain
Palmetto	4757	Missing								
Palmetto	4758	Missing								
Palmetto	4759	Missing								
Palmetto	4760	Missing								
Palmetto	4761	Missing								
Palmetto	4762	Ficus sp.		28	25	15			Good condition, clean up	Remain
Palmetto	4763	Caryota mitis	Fishtail Palm	36	30				Good condition	Remain
Palmetto	4764	Caryota mitis	Fishtail Palm	36	30				Good condition	Remain
Palmetto	4765	Caryota mitis	Fishtail Palm	36	30				Good condition	Remain
Palmetto	4766	Caryota mitis	Fishtail Palm	36	30				Good condition	Remain
Palmetto	4767	Caryota mitis	Fishtail Palm	36	30				Good condition	Remain
Palmetto	4768	Caryota mitis	Fishtail Palm	36	30				Good condition	Remain
Palmetto	4769	Caryota mitis	Fishtail Palm	36	30				Good condition	Remain
Palmetto	4770	Caryota mitis	Fishtail Palm	36	30				Good condition	Remain
Palmetto	4771	Caryota mitis	Fishtail Palm	36	30				Good condition	Remain
Palmetto	4772	Caryota mitis	Fishtail Palm	36	30				Good condition	Remain
Palmetto	4773	Caryota mitis	Fishtail Palm	36	30				Good condition	Remain
Palmetto	4774	Caryota mitis	Fishtail Palm	36	30				Good condition	Remain
Palmetto	4775	Jacaranda mimosifolia	Jacaranda	20	50	50	1962.50	1962.50	Fair condition, in conflict with construction	Remove
Palmetto	4789	Missing								
Palmetto	4791	Roystonea elata	Royal Palm	14	35	15			Good condition	Remain
Palmetto	4792	Roystonea elata	Royal Palm	14	35	15			Good condition	Remain
Palmetto	7005	Out of Scope of work								
Palmetto	7024	Out of Scope of work								
Palmetto	7114	Out of Scope of work								
Palmetto	7115	Out of Scope of work								
Palmetto	7124	Out of Scope of work								
Palmetto	7125	Out of Scope of work								
Palmetto	7126	Out of Scope of work								
Palmetto	7175	Out of Scope of work								
Palmetto	7176	Out of Scope of work								
Palmetto	7177	Out of Scope of work								
Palmetto	7178	Out of Scope of work								
Palmetto	7252	Out of Scope of work								
Palmetto	7253	Out of Scope of								

Palmetto Bay Tree Disposition List

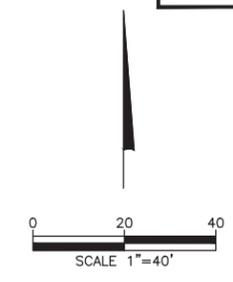
City	Tree #	Scientific Name	Common Name	DBH	Height	Spread	Mitigation	Speciman	Notes	Disposition
				in inches	in feet	in feet	in sf	in sf		
Palmetto	7255	Out of Scope of work								
Palmetto	7256	Out of Scope of work								
Palmetto	7257	Out of Scope of work								
Palmetto	7373	Out of Scope of work								
Palmetto	7385	Out of Scope of work								
Palmetto	7386	Out of Scope of work								
Palmetto	7387	Out of Scope of work								
Palmetto	7432	Out of Scope of work								
Palmetto	7433	Out of Scope of work								
Palmetto	7434	Out of Scope of work								
Palmetto	7435	Out of Scope of work								
Palmetto	7436	Out of Scope of work								
Palmetto	7437	Out of Scope of work								
Palmetto	7438	Out of Scope of work								
Palmetto	7448	Quercus virginiana	Live Oak	6	20	15			Good condition	Remain
Palmetto	7449	Quercus virginiana	Live Oak	6	20	15			Good condition	Remain
Palmetto	7451	Quercus virginiana	Live Oak	6	20	15			Good condition	Remain
Palmetto	7454	Quercus virginiana	Live Oak	5	15	10			Good condition	Remain
Palmetto	7455	Lagerstroemia indica	Crepe Myrtle	5	15	10			Good condition	Remain
Palmetto	7456	Lagerstroemia indica	Crepe Myrtle	5	15	10			Good condition	Remain
Palmetto	7457	Wodyetia bifurcata	Foxtail Palm	8	15	10	78.50		Poor Condition	Remove
Palmetto	7458	Bursera simaruba	Gumbo Limbo	6	15	20			Fair condition	Remain
Palmetto	7459	Hyophorbe lagenicaulis	Bottle Palm	10	10				Good condition	Remain
Palmetto	7460	Hyophorbe lagenicaulis	Bottle Palm	10	10				Good condition	Remain
Palmetto	7461	Phoenix canariensis	Date Palm	8	12				Good condition	Remain
Palmetto	7462	Phoenix canariensis	Date Palm	8	12				Good condition	Remain
Palmetto	7463	Phoenix canariensis	Date Palm	8	12				Good condition	Remain
Palmetto	7546	Wodyetia bifurcata	Foxtail Palm	8	15				Good condition	Remain
Palmetto	7590	Wodyetia bifurcata	Foxtail Palm	8	15				Good condition	Remain
Palmetto	7592	Lagerstroemia indica	Crepe Myrtle	5	15	10	78.50		Good condition, in conflict with construction	Remove
Palmetto	7509	Lagerstroemia indica	Crepe Myrtle	10	25	25			Good condition	Remain
Palmetto	7510	Wodyetia bifurcata	Foxtail Palm	8	15				Good condition	Remain
Palmetto	7511	Lagerstroemia indica	Crepe Myrtle	5	15	10			Good condition	Remain
Palmetto	7512	Lagerstroemia indica	Crepe Myrtle	5	15	10			Good condition	Remain
Palmetto	7513	Lagerstroemia indica	Crepe Myrtle	5	15	10			Good condition	Remain
Palmetto	7514	Phoenix canariensis	Date Palm	6	15	15			Good condition	Remain
Palmetto	7672	Livistona chinensis	Chinese Fan Palm	10	10	5			Good condition	Remain
Palmetto	7673	Livistona chinensis	Chinese Fan Palm	10	10	5			Good condition	Remain
Palmetto	7674	Livistona chinensis	Chinese Fan Palm	10	10	5			Good condition	Remain
Palmetto	7675	Livistona chinensis	Chinese Fan Palm	10	10	5			Good condition	Remain
Palmetto	7676	Missing								
Palmetto	7701	Chamaerops humilis	European Fan Palm	6	7	10	78.50		Good condition, in conflict with construction	Remove
Palmetto	7729	Chamaerops humilis	European Fan Palm	6	7	10	78.50		Good condition, in conflict with construction	Remove
Palmetto	7753	Phoenix canariensis	Date Palm	6	7	10			Good condition	Remain
Palmetto	7919	Bucida buceras	Black Olive	24	30	30				Remain
Palmetto	8075	Out of Scope of work								
Palmetto	8076	Out of Scope of work								
Palmetto	1760a	Wodyetia bifurcata	Foxtail Palm	10	20	10	78.50		Within the 10' clear zone, poor condition	Remove

Mitigation 10,735
Speciman Mitigation 2,767
Total Mitigation 13,502
Mitigation trees 1 tree per 300 sf 45.01

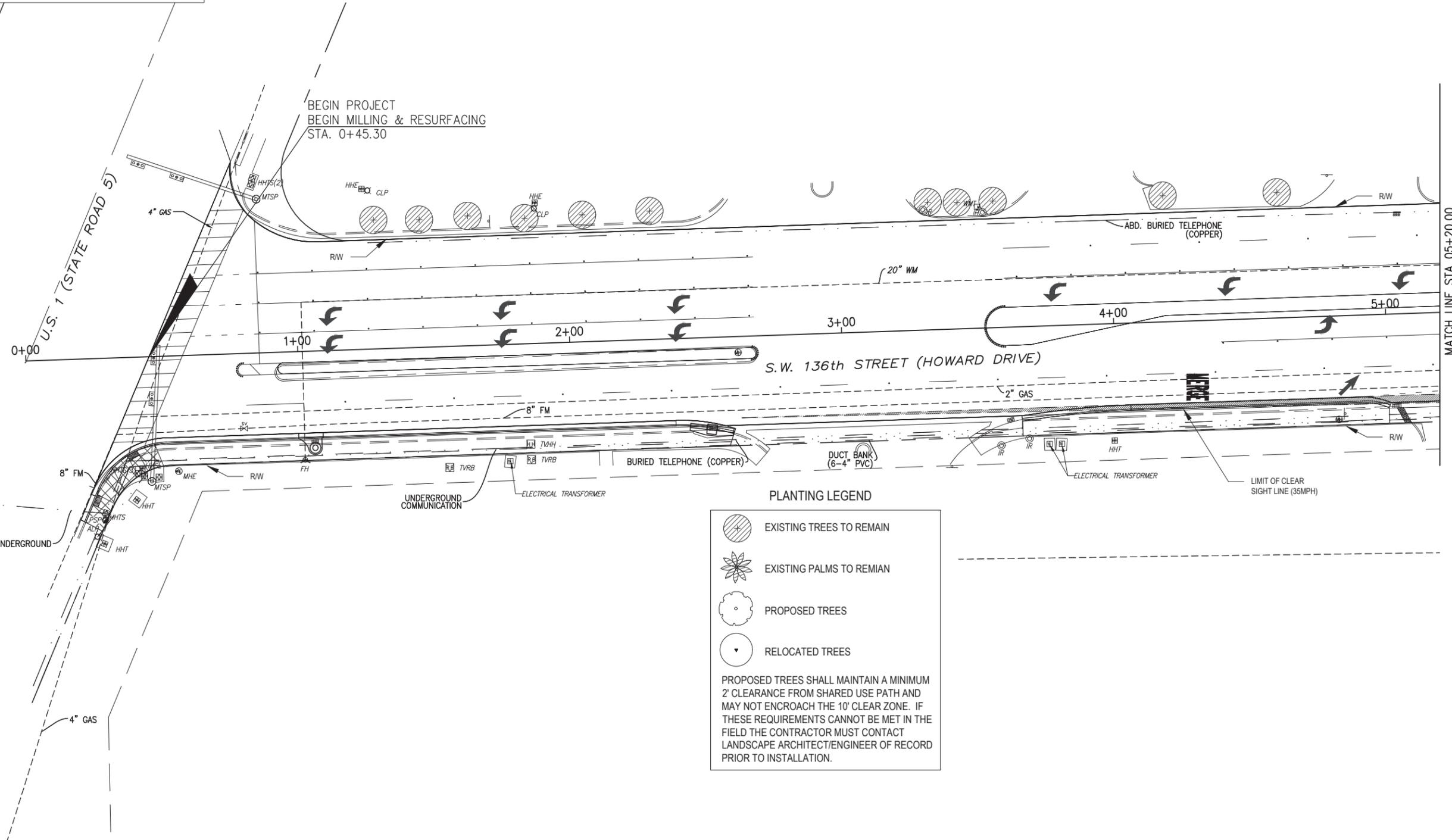
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Palmetto Bay
Tree Disposition List



CAUTION: GAS MAIN IN AREA OF CONSTRUCTION

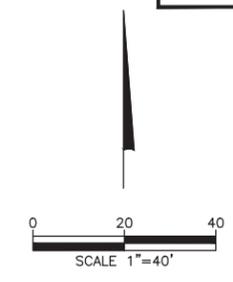


PLANTING LEGEND

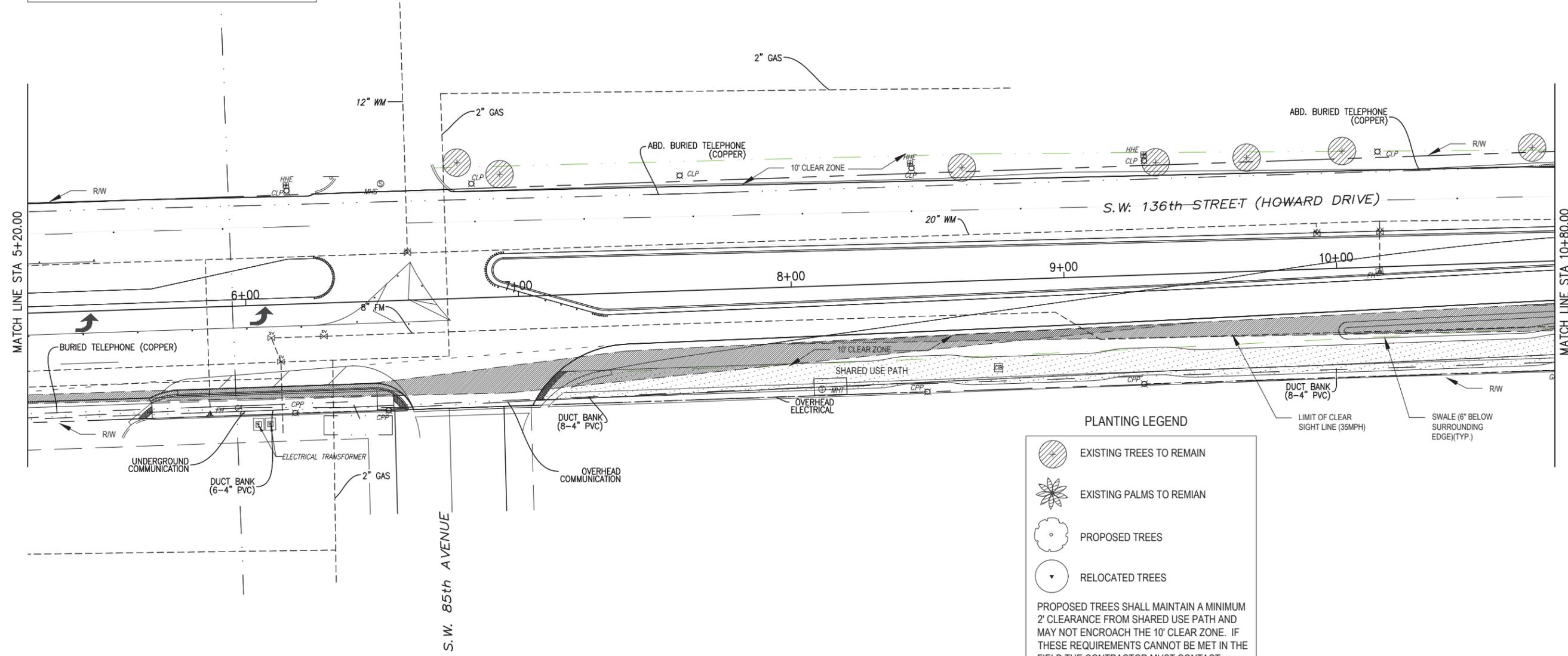
- EXISTING TREES TO REMAIN
- EXISTING PALMS TO REMAIN
- PROPOSED TREES
- RELOCATED TREES

PROPOSED TREES SHALL MAINTAIN A MINIMUM 2' CLEARANCE FROM SHARED USE PATH AND MAY NOT ENCR OACH THE 10' CLEAR ZONE. IF THESE REQUIREMENTS CANNOT BE MET IN THE FIELD THE CONTRACTOR MUST CONTACT LANDSCAPE ARCHITECT/ENGINEER OF RECORD PRIOR TO INSTALLATION.

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CAUTION: GAS MAIN IN AREA OF CONSTRUCTION



PLANTING LEGEND

-  EXISTING TREES TO REMAIN
-  EXISTING PALMS TO REMAIN
-  PROPOSED TREES
-  RELOCATED TREES

PROPOSED TREES SHALL MAINTAIN A MINIMUM 2' CLEARANCE FROM SHARED USE PATH AND MAY NOT ENCROACH THE 10' CLEAR ZONE. IF THESE REQUIREMENTS CANNOT BE MET IN THE FIELD THE CONTRACTOR MUST CONTACT LANDSCAPE ARCHITECT/ENGINEER OF RECORD PRIOR TO INSTALLATION.

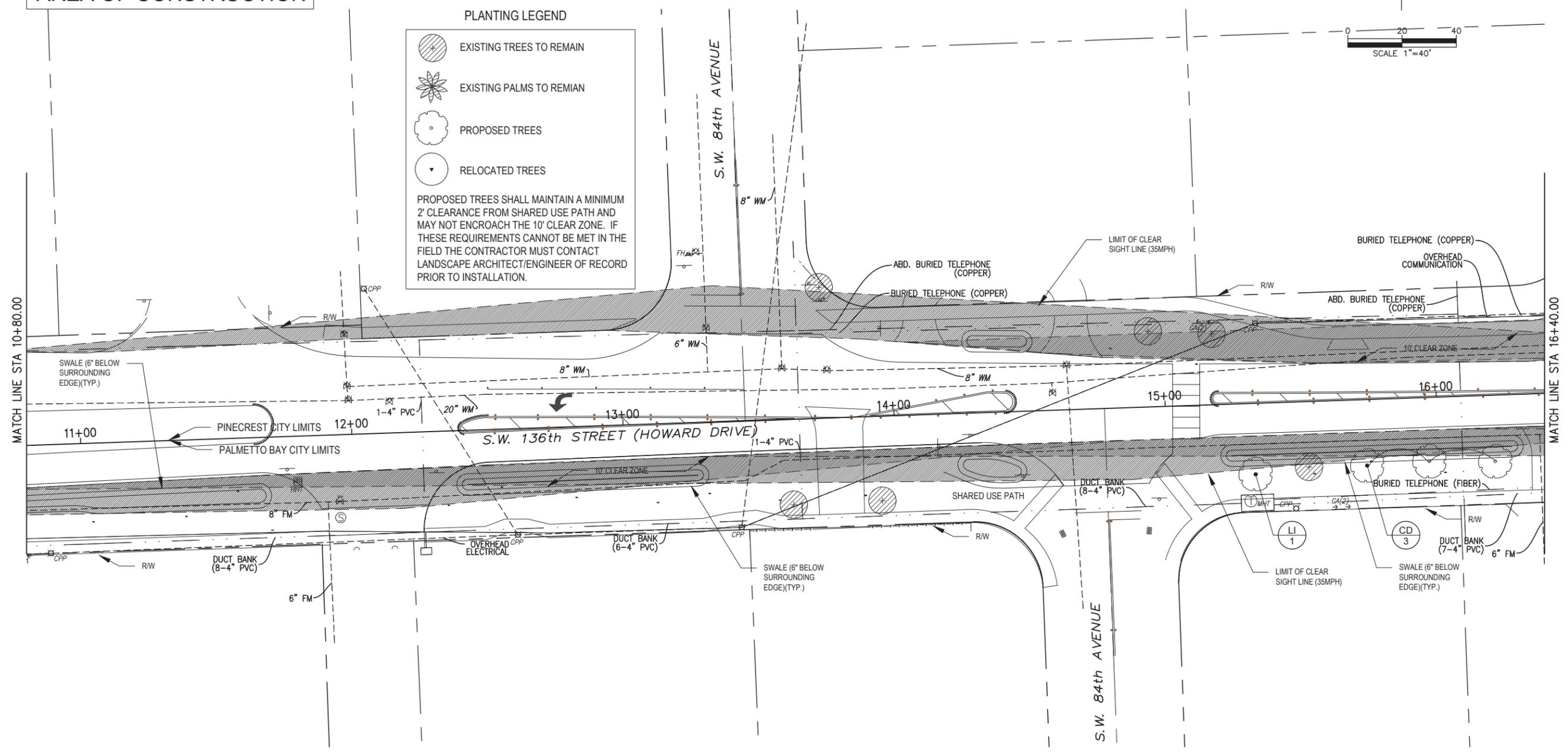
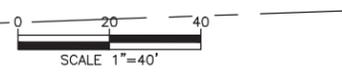
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CAUTION: GAS MAIN IN AREA OF CONSTRUCTION

PLANTING LEGEND

-  EXISTING TREES TO REMAIN
-  EXISTING PALMS TO REMIAN
-  PROPOSED TREES
-  RELOCATED TREES

PROPOSED TREES SHALL MAINTAIN A MINIMUM 2' CLEARANCE FROM SHARED USE PATH AND MAY NOT ENCROACH THE 10' CLEAR ZONE. IF THESE REQUIREMENTS CANNOT BE MET IN THE FIELD THE CONTRACTOR MUST CONTACT LANDSCAPE ARCHITECT/ENGINEER OF RECORD PRIOR TO INSTALLATION.



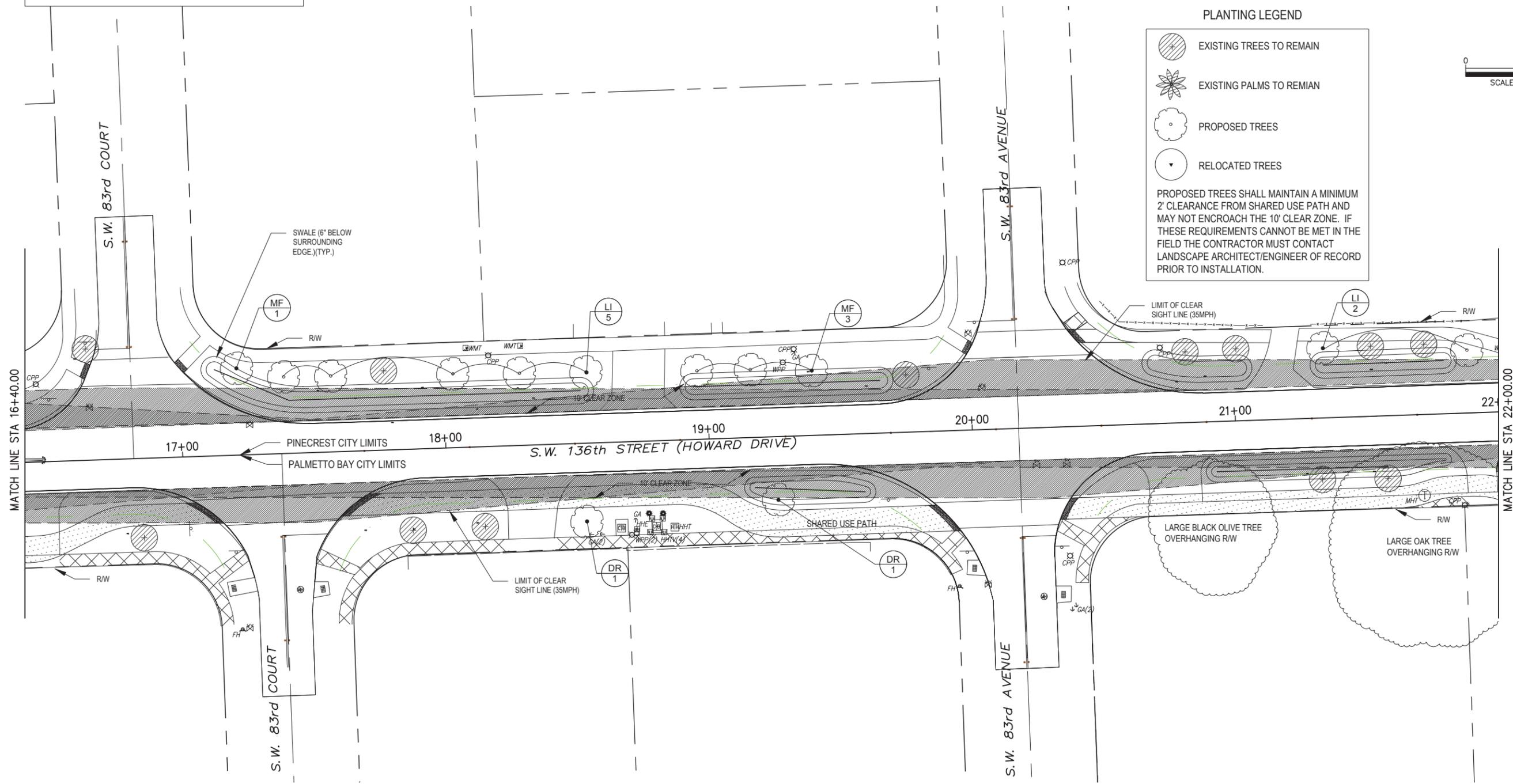
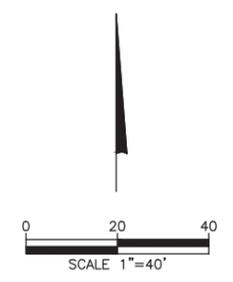
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CAUTION: GAS MAIN IN AREA OF CONSTRUCTION

PLANTING LEGEND

- EXISTING TREES TO REMAIN
- EXISTING PALMS TO REMAIN
- PROPOSED TREES
- RELOCATED TREES

PROPOSED TREES SHALL MAINTAIN A MINIMUM 2' CLEARANCE FROM SHARED USE PATH AND MAY NOT ENCR OACH THE 10' CLEAR ZONE. IF THESE REQUIREMENTS CANNOT BE MET IN THE FIELD THE CONTRACTOR MUST CONTACT LANDSCAPE ARCHITECT/ENGINEER OF RECORD PRIOR TO INSTALLATION.



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 SOUTH MIAMI, FLORIDA 33143
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MIAMI-DADE COUNTY
 DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
 HIGHWAY DIVISION
 STEPHEN P. CLARK CENTER
 111 NW 1 ST
 MIAMI, FLORIDA 33128

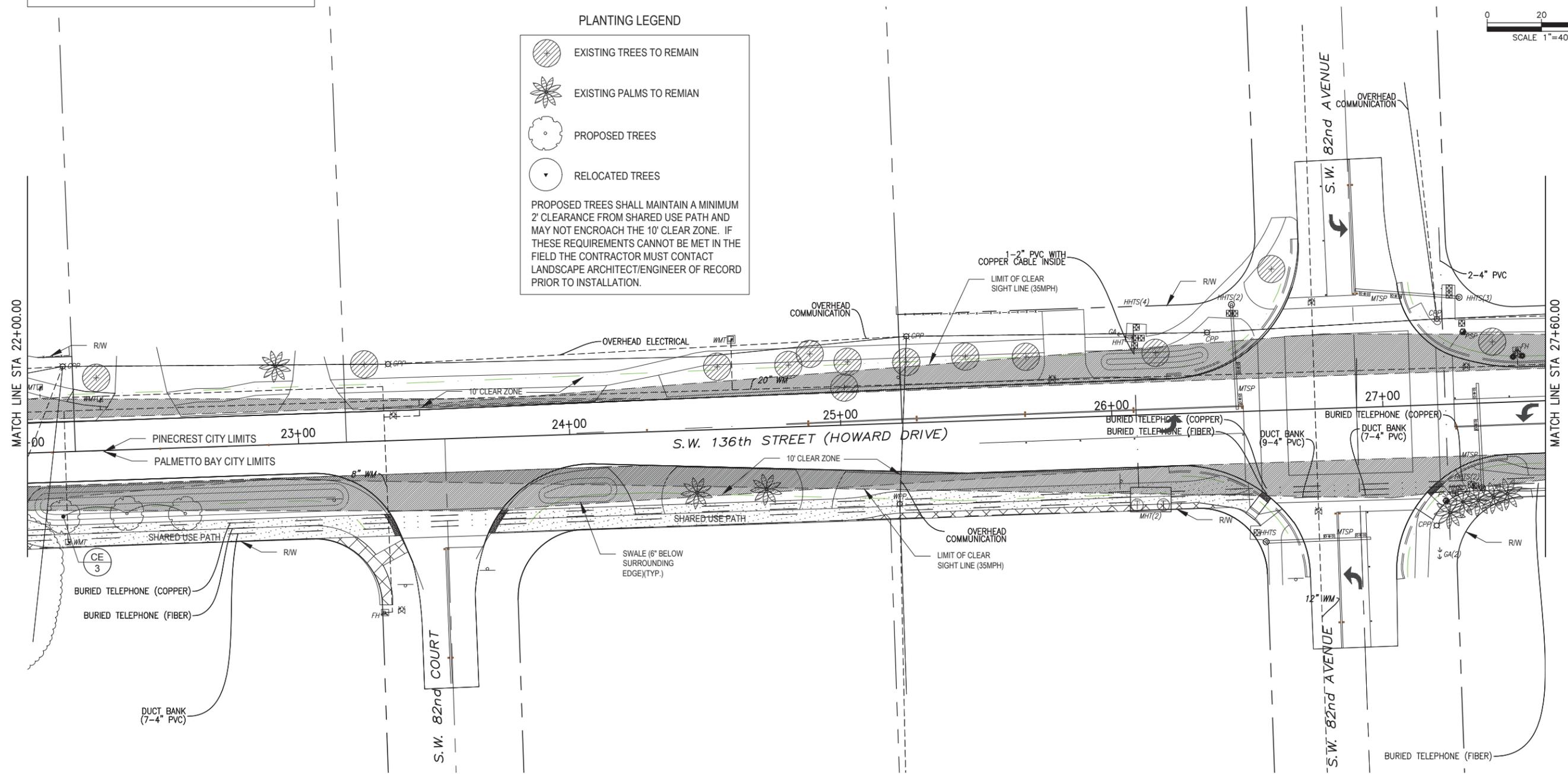
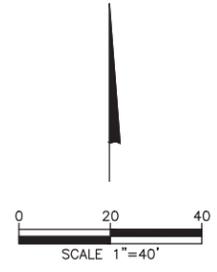
Planting Plan

CAUTION: GAS MAIN IN AREA OF CONSTRUCTION

PLANTING LEGEND

-  EXISTING TREES TO REMAIN
-  EXISTING PALMS TO REMIAN
-  PROPOSED TREES
-  RELOCATED TREES

PROPOSED TREES SHALL MAINTAIN A MINIMUM 2' CLEARANCE FROM SHARED USE PATH AND MAY NOT ENCROACH THE 10' CLEAR ZONE. IF THESE REQUIREMENTS CANNOT BE MET IN THE FIELD THE CONTRACTOR MUST CONTACT LANDSCAPE ARCHITECT/ENGINEER OF RECORD PRIOR TO INSTALLATION.

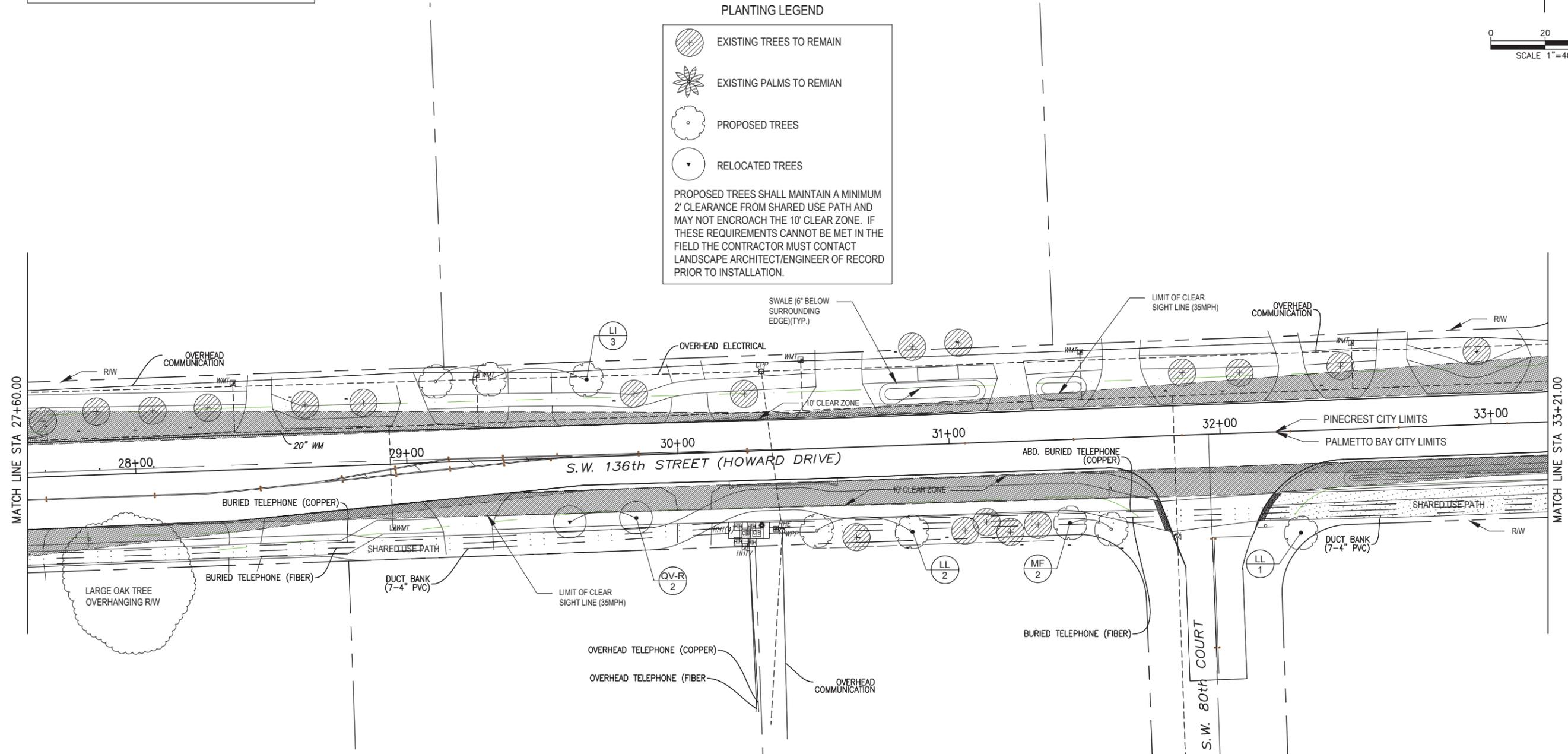
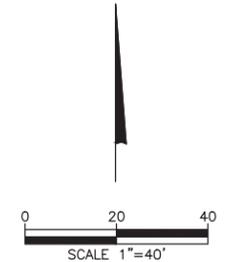


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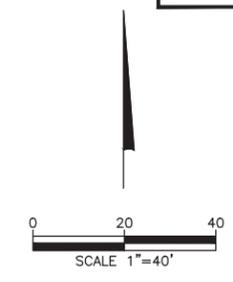
CAUTION: GAS MAIN IN AREA OF CONSTRUCTION

PLANTING LEGEND

-  EXISTING TREES TO REMAIN
 -  EXISTING PALMS TO REMAIN
 -  PROPOSED TREES
 -  RELOCATED TREES
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C:\Project Files\SW 136th Street - US1 to Old Cutler\Drawings\CAD\2 CAD\1 BASES\landscape\Current\plan\pland06.dwg Mar 18, 2020 - 4:31pm JULIO

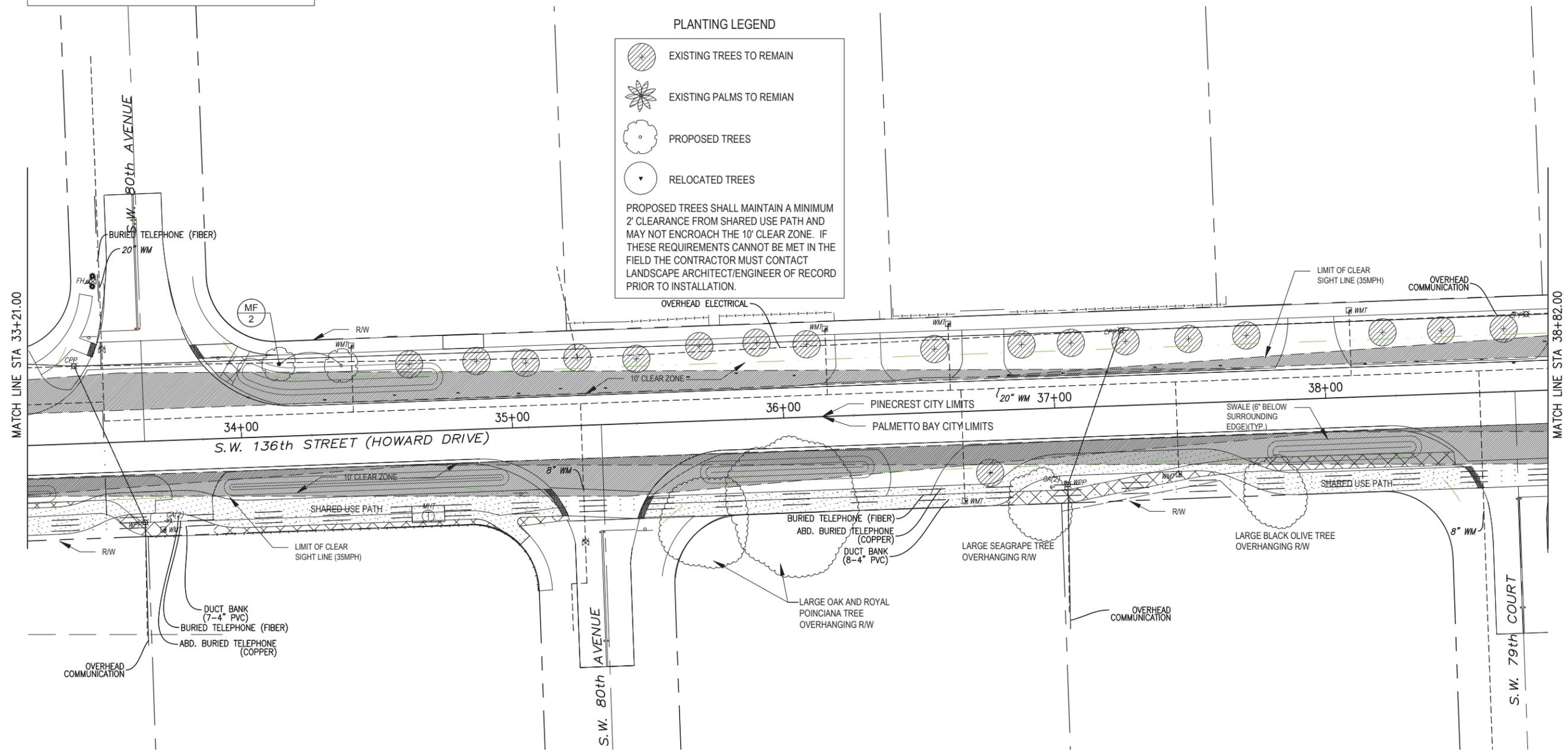


CAUTION: GAS MAIN IN AREA OF CONSTRUCTION

PLANTING LEGEND

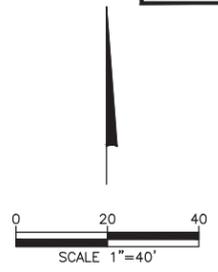
-  EXISTING TREES TO REMAIN
-  EXISTING PALMS TO REMIAN
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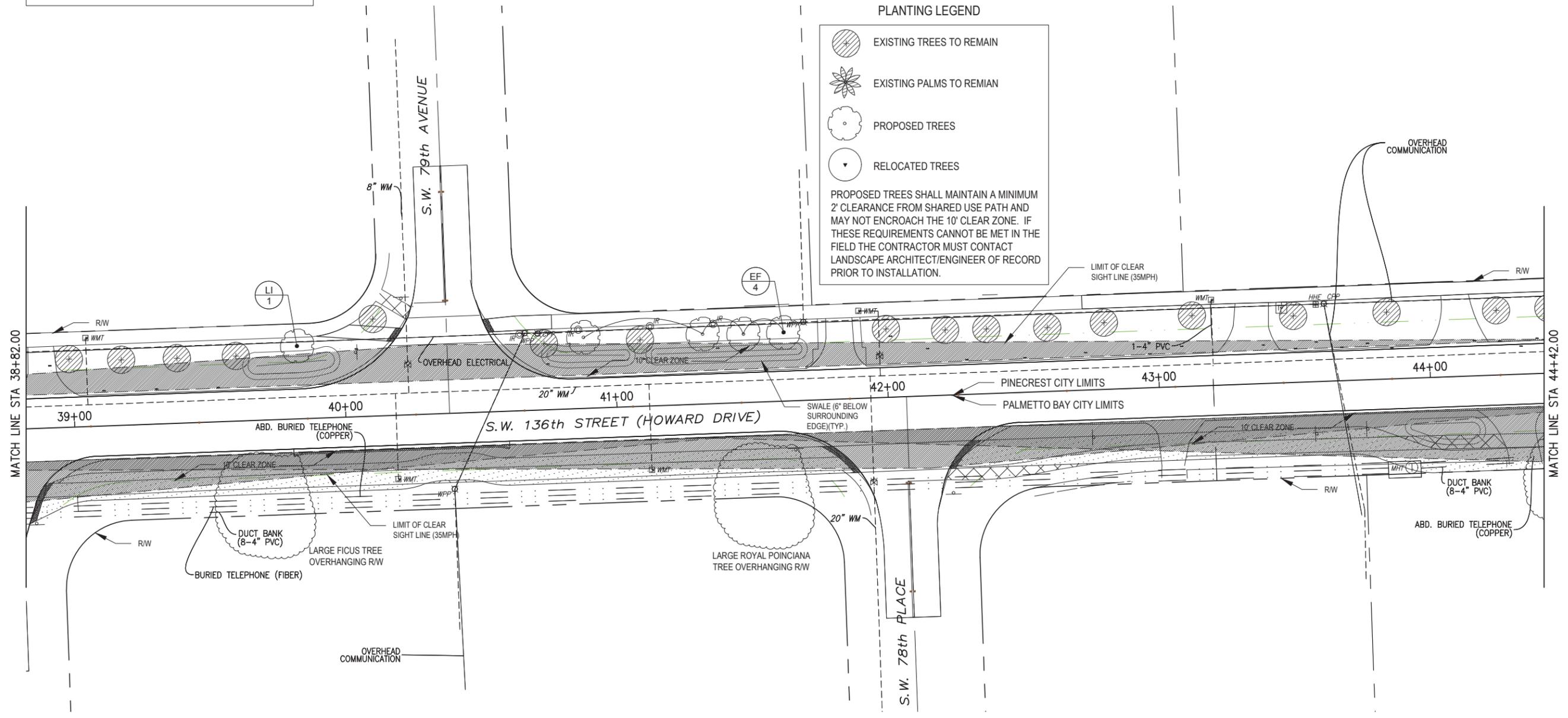
CAUTION: GAS MAIN IN AREA OF CONSTRUCTION



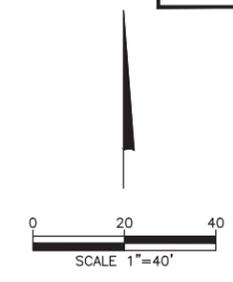
PLANTING LEGEND

- EXISTING TREES TO REMAIN
- EXISTING PALMS TO REMAIN
- PROPOSED TREES
- RELOCATED TREES

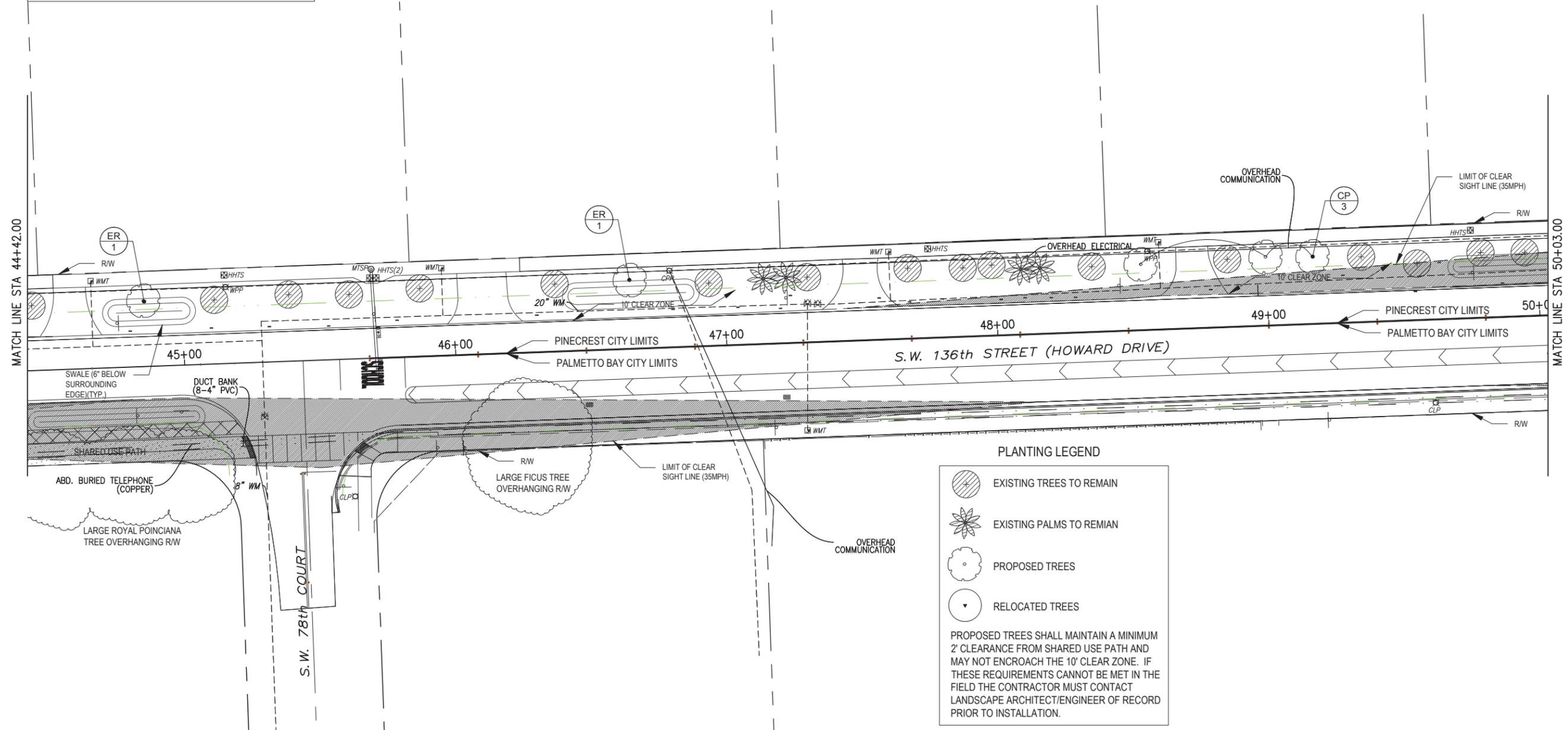
PROPOSED TREES SHALL MAINTAIN A MINIMUM 2' CLEARANCE FROM SHARED USE PATH AND MAY NOT ENCROACH THE 10' CLEAR ZONE. IF THESE REQUIREMENTS CANNOT BE MET IN THE FIELD THE CONTRACTOR MUST CONTACT LANDSCAPE ARCHITECT/ENGINEER OF RECORD PRIOR TO INSTALLATION.



G:\Project Files\SW 136th Street - US1 to Old Cutler\Drawings\CAD\1 BASES\landscape\Current\pland08.dwg, Mar. 19, 2020 - 11:12am JULIO



CAUTION: GAS MAIN IN AREA OF CONSTRUCTION



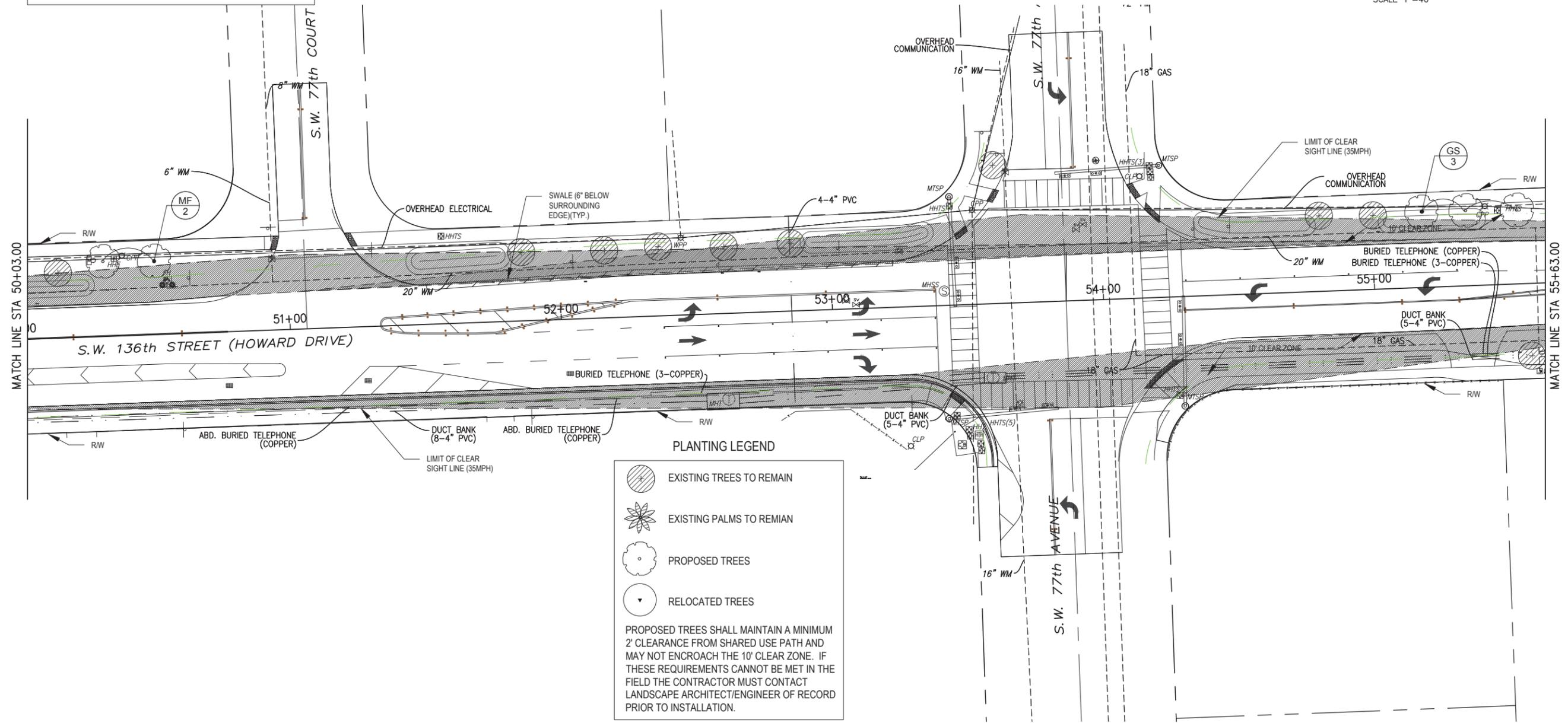
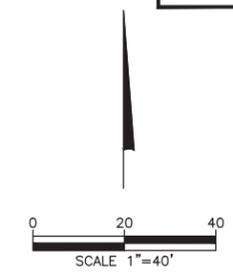
PLANTING LEGEND

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- EXISTING PALMS TO REMAIN
- PROPOSED TREES
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C:\Project Files\SW 136th Street - US1 to Old Cutler\Drawings\CAD\CAD\Bases\landscape\Current\plan\pland09.dwg Mar 18, 2020 - 4:39pm JULIO

CAUTION: GAS MAIN IN AREA OF CONSTRUCTION



PLANTING LEGEND

-  EXISTING TREES TO REMAIN
-  EXISTING PALMS TO REMAIN
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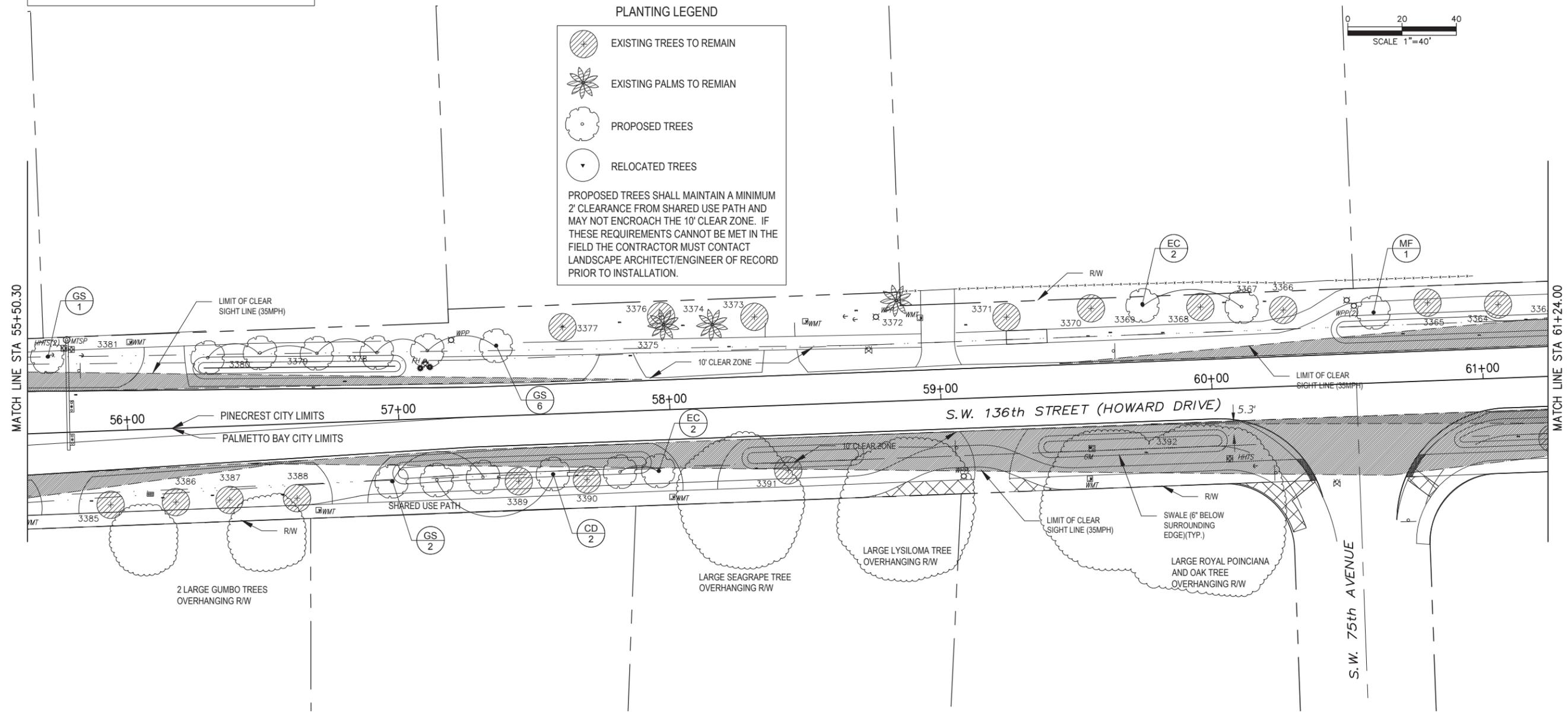
C:\Project Files\SW 136th Street - US1 to Old Cutler\Drawings\CAD\2 CAD\1 BASES\landscape\Current\planrd10.dwg Mar 18, 2020 - 4:41pm JULIO

CAUTION: GAS MAIN IN AREA OF CONSTRUCTION

PLANTING LEGEND

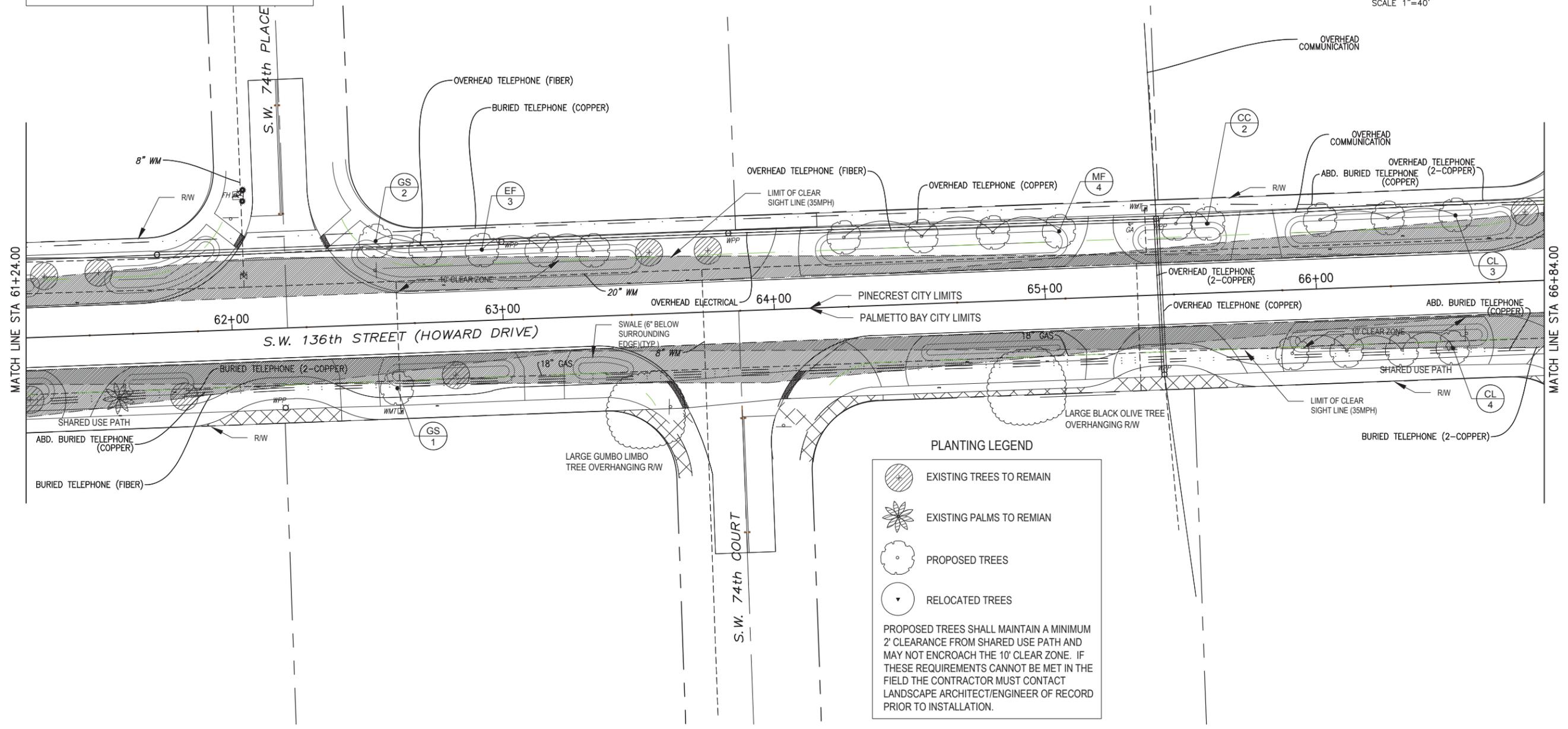
-  EXISTING TREES TO REMAIN
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C:\Project Files\SW 136th Street - US1 to Old Cutler\Drawings\CAD\CAD\Bases\landscape\Current\plan\11.dwg Mar 19, 2020 - 9:28am JULIO

CAUTION: GAS MAIN IN AREA OF CONSTRUCTION

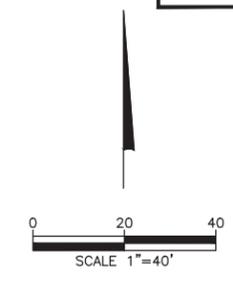


PLANTING LEGEND

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G:\Project Files SW 136th Street - US1 to Old Cutler\Drawings\CAD\1 BASES\landscape\Current\planrd12.dwg Mar 19, 2020 - 11:26am JULIO

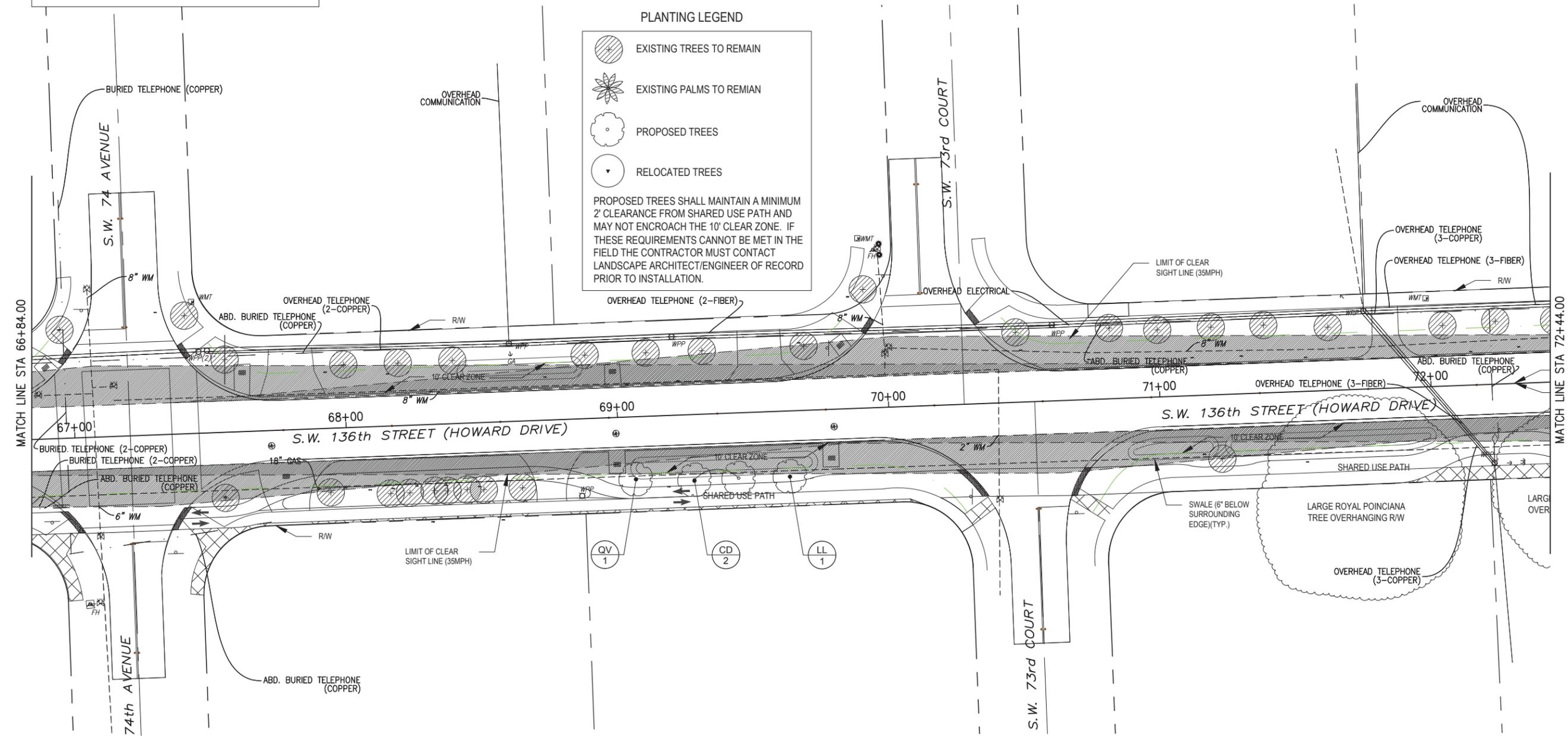


CAUTION: GAS MAIN IN AREA OF CONSTRUCTION

PLANTING LEGEND

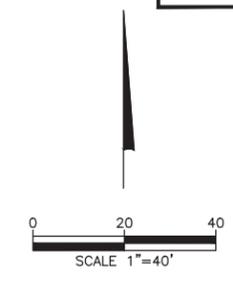
-  EXISTING TREES TO REMAIN
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C:\Project Files\SW 136th Street - US1 to Old Cutler\Drawings\CAD\2 CAD\1 BASES\landscape\Current\plan\1.3.dwg Mar. 18, 2020 - 5:34pm JULIO

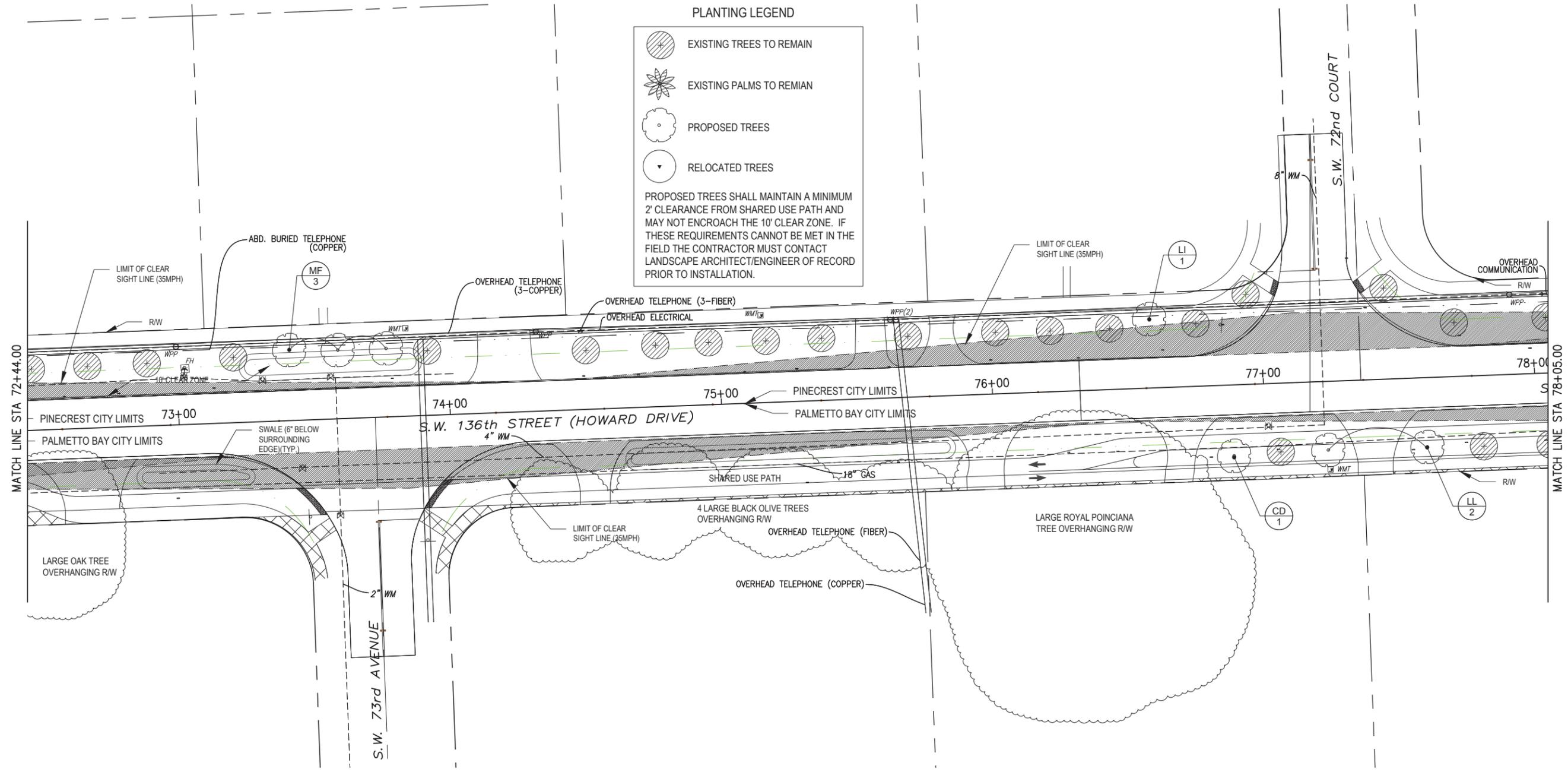
CAUTION: GAS MAIN IN AREA OF CONSTRUCTION



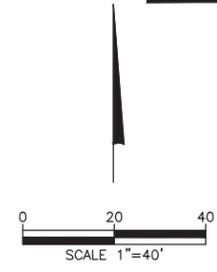
PLANTING LEGEND

-  EXISTING TREES TO REMAIN
-  EXISTING PALMS TO REMIAN
-  PROPOSED TREES
-  RELOCATED TREES

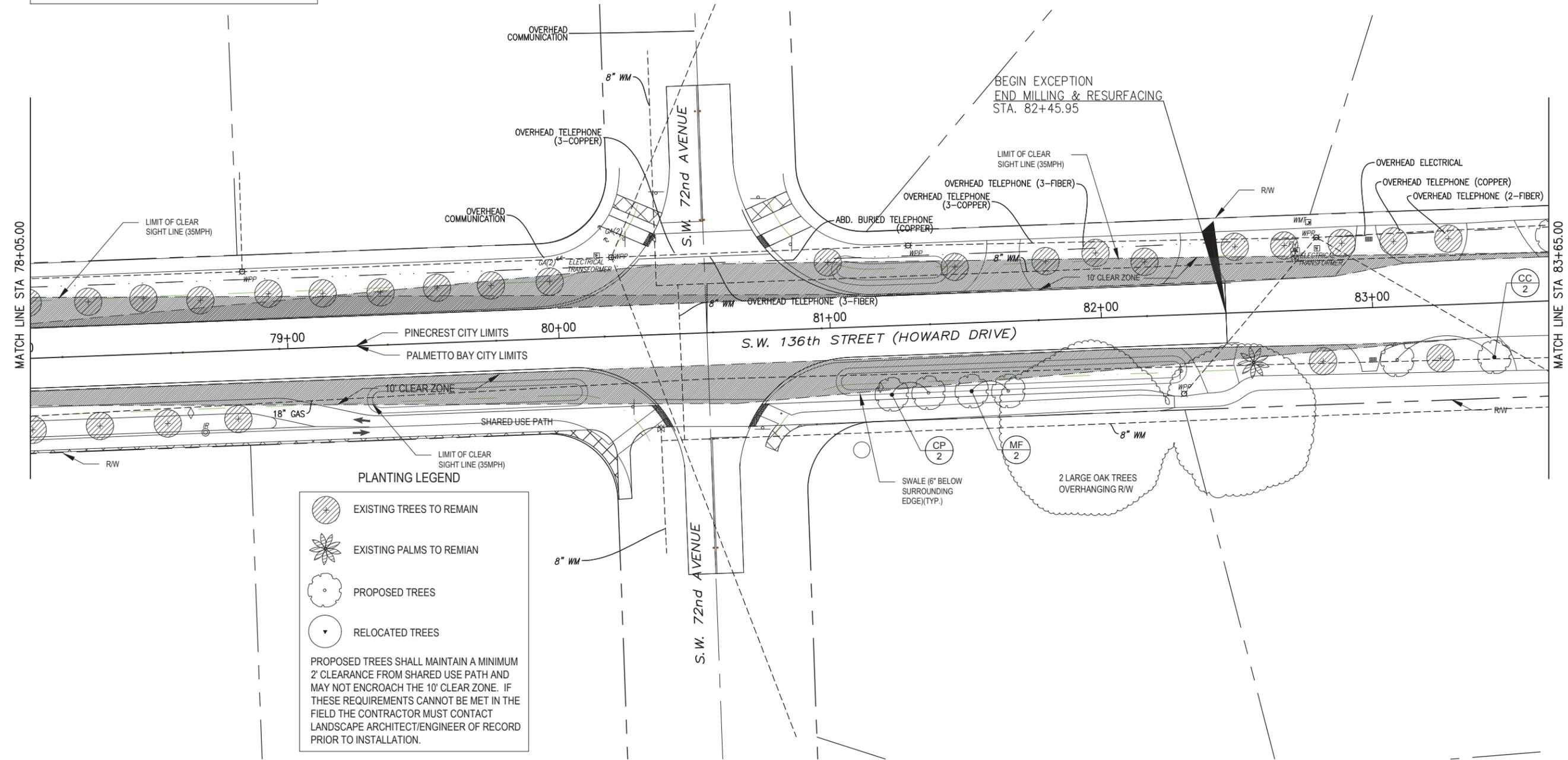
PROPOSED TREES SHALL MAINTAIN A MINIMUM 2' CLEARANCE FROM SHARED USE PATH AND MAY NOT ENCRoACH THE 10' CLEAR ZONE. IF THESE REQUIREMENTS CANNOT BE MET IN THE FIELD THE CONTRACTOR MUST CONTACT LANDSCAPE ARCHITECT/ENGINEER OF RECORD PRIOR TO INSTALLATION.



C:\Project Files\SW 136th Street - US1 to Old Cutler Road\Drawings\CAD\2 CAD\1 BASES\landscape\Current\plan\14.dwg Mar 18, 2020 - 5:33pm JULIO



CAUTION: GAS MAIN IN AREA OF CONSTRUCTION



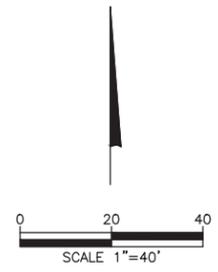
PLANTING LEGEND

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G:\Project_Files\SW 136th Street - US1 to Old Cutler\Drawings\CAD\1 BASES\landscape\Current\pland15.dwg Mar 19, 2020 - 12:49pm JULIO

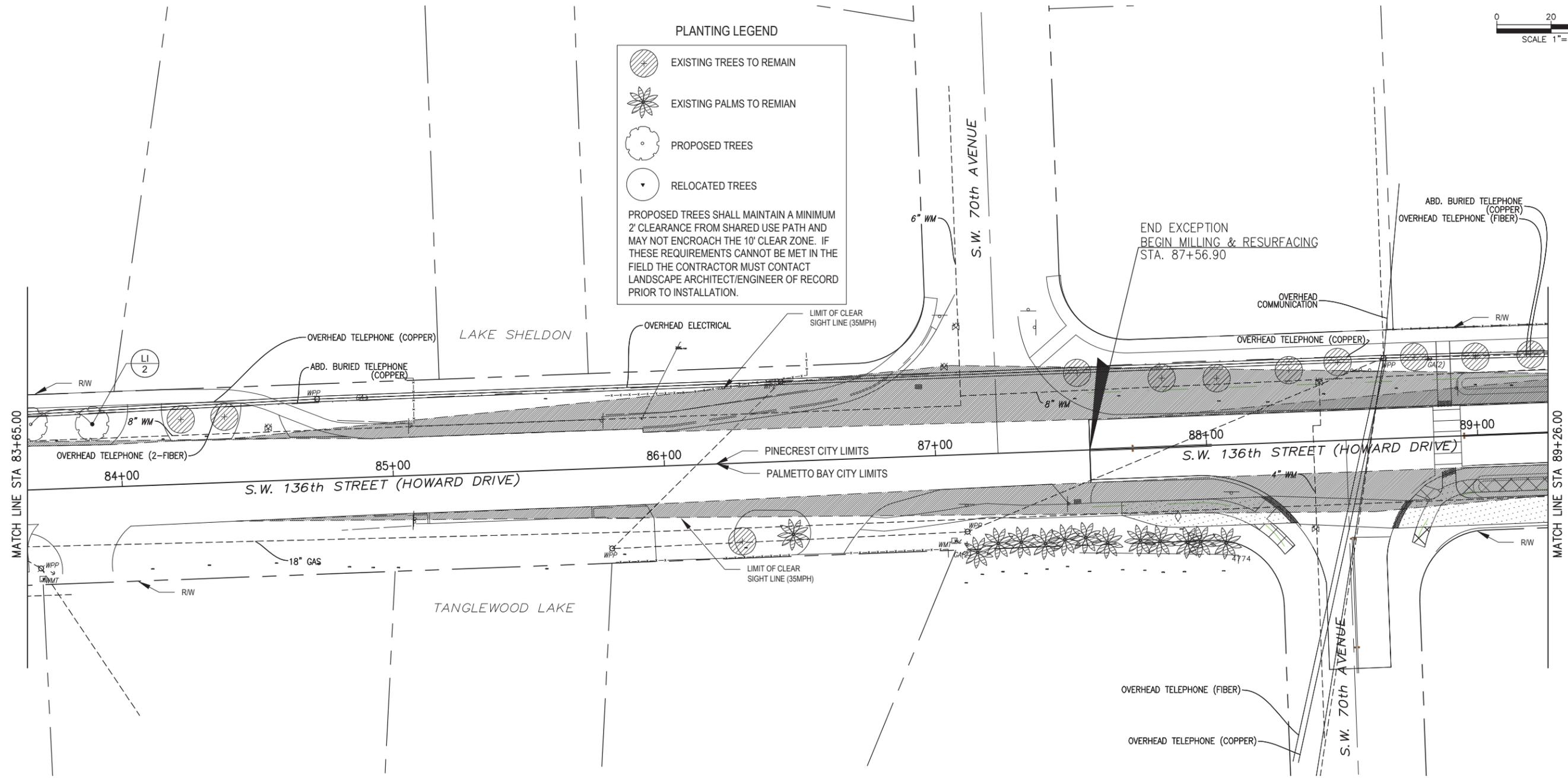
CAUTION: GAS MAIN IN AREA OF CONSTRUCTION



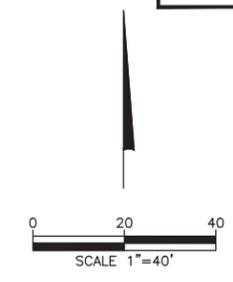
PLANTING LEGEND

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C:\Project Files\SW 136th Street - US1 to Old Cutler\Drawings\CAD\2 CAD\1 BASES\landscape\Current\plan\16.dwg Mar 18, 2020 - 5:56pm JULIO

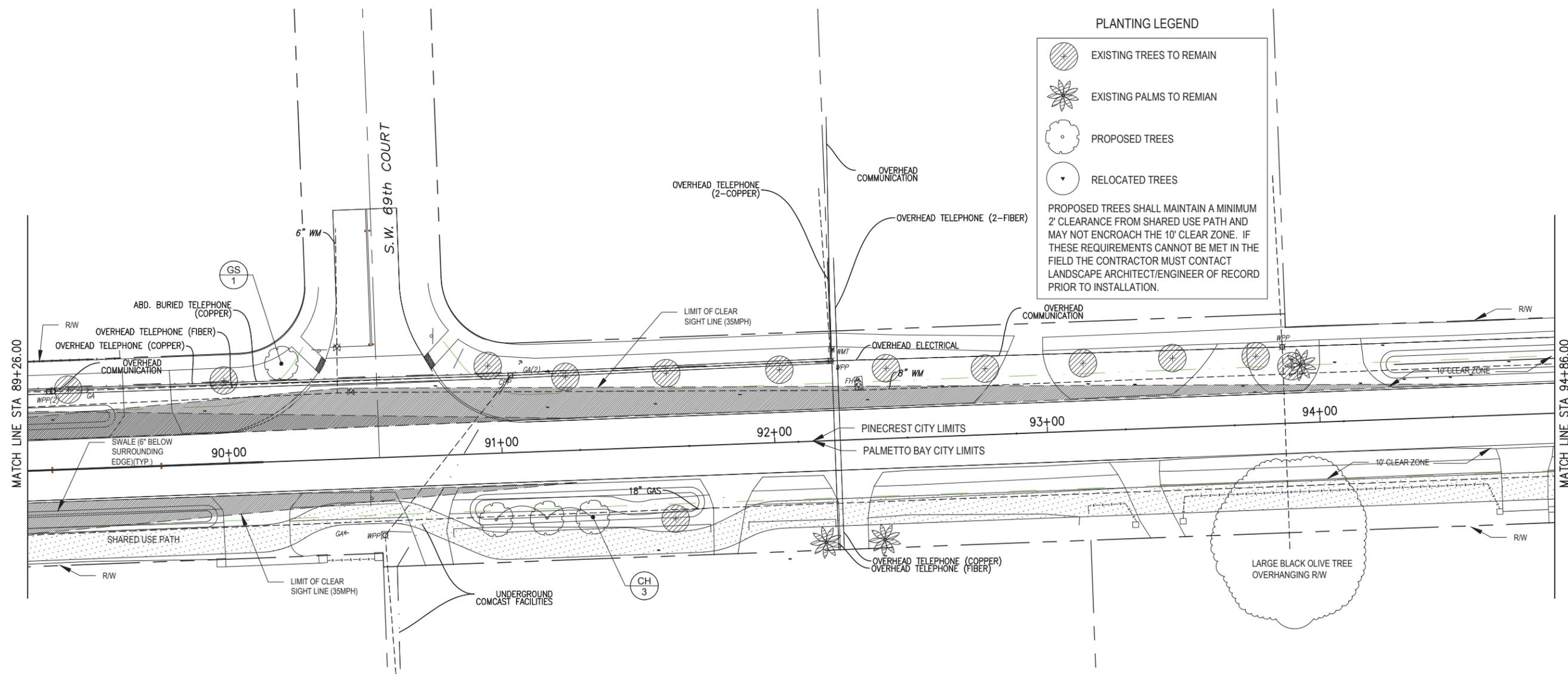


CAUTION: GAS MAIN IN AREA OF CONSTRUCTION

PLANTING LEGEND

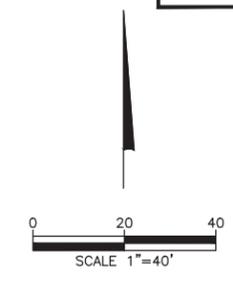
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C:\Project Files\SW 136th Street - US1 to Old Cutler\Drawings\C+R\2 CAD\1 BASES\landscape\Current\plan\17.dwg Mar 18, 2020 - 6:02pm JULIO

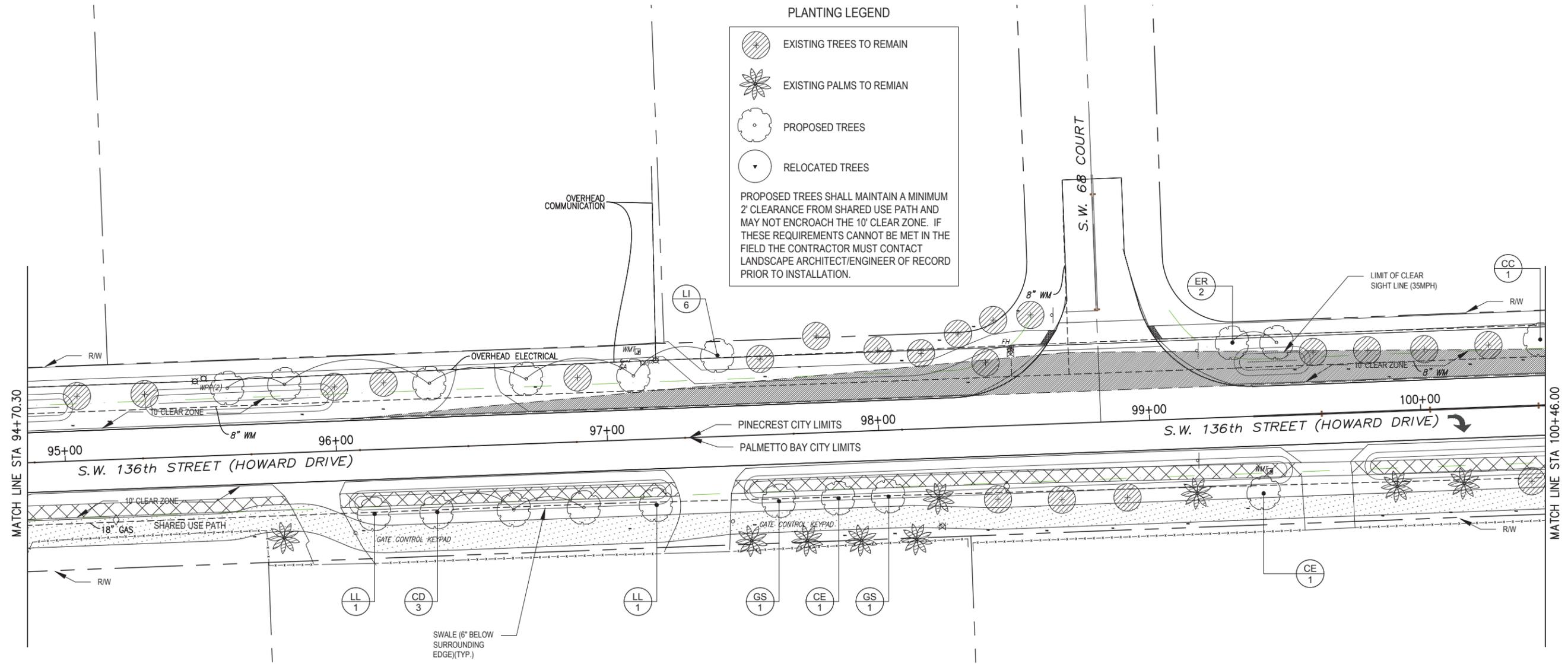
CAUTION: GAS MAIN IN AREA OF CONSTRUCTION



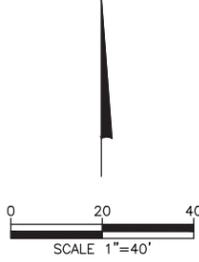
PLANTING LEGEND

-  EXISTING TREES TO REMAIN
-  EXISTING PALMS TO REMIAN
-  PROPOSED TREES
-  RELOCATED TREES

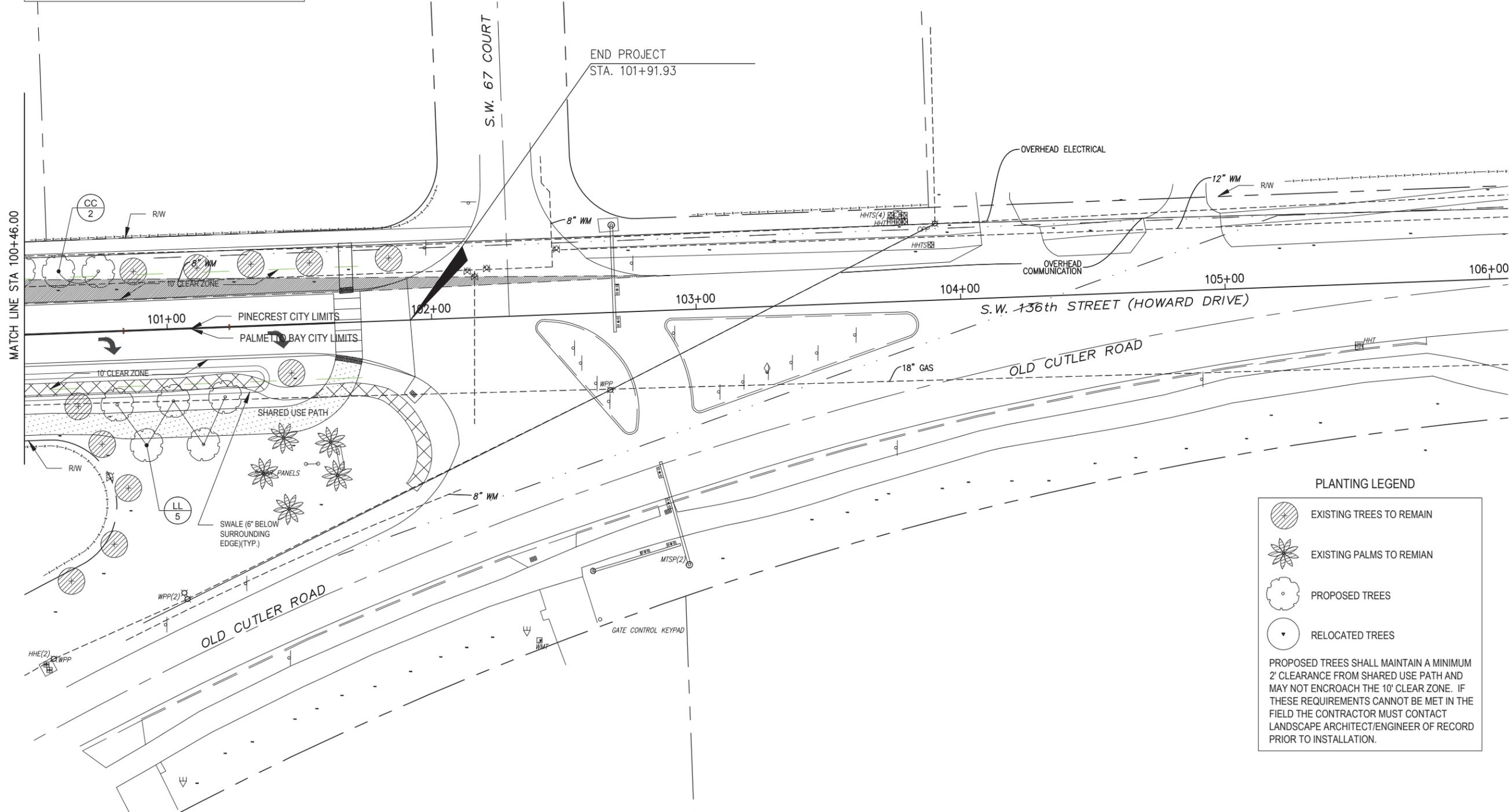
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C:\Project Files\SW 136th Street - US1 to Old Cutler\Drawings\CAD\2 CAD\1 BASES\landscape\Current\plan\18.dwg Mar. 18, 2020 -- 6:15pm JULIO



CAUTION: GAS MAIN IN AREA OF CONSTRUCTION



PLANTING LEGEND

- EXISTING TREES TO REMAIN
- EXISTING PALMS TO REMIAN
- PROPOSED TREES
- RELOCATED TREES

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G:\Project_Files\SW 136th Street - US1 to Old Cutler\Drawings\CAD\1 BASES\landscape\Current\plan19.dwg Mar 19, 2020 - 11:42am JULIO

PLANT LIST

PAY ITEM	SYM	TOTAL QTY	PINECREST	PALMETTO BAY	DESCRIPTION	SPECIFICATIONS
580-4-42	CP*	05	03	02	Calypttranthes pallens (Spicewood)	8' HT. X 3' SPR., 2" CAL., STANDARD, TREE FORM
580-4-42	CC*	07	05	02	Capparis cynophallophora (Jamaican Caper)	8' HT. X 3' SPR., 2" CAL., STANDARD, TREE FORM
580-4-42	CH*	03	-	03	Chrysophyllum oliviforme (Satinleaf)	10' HT. X 5' SPR., 2" CAL.
580-4-42	CD*	11	-	11	Coccoloba diversifolia (Pigeon Plum)	10' HT. X 5' SPR., 2" CAL.
580-4-42	CE*	05	-	05	Conocarpus erectus (Green Buttonwood)	10' HT. X 5' SPR., 2" CAL.
580-4-42	CL	07	03	04	Cordia lutea (Yellow Geiger Tree)	10' HT. X 5' SPR., 2" CAL., STANDARD, TREE FORM
580-4-42	DR	02	-	02	Delonix regia (Royal Poinciana Tree)	12' HT. X 6' SPR., 3" CAL.
580-4-42	ER*	04	04	-	Eugenia rhombea (Red Stopper)	8' HT. X 4' SPR., 2" CAL., STANDARD, TREE FORM
580-4-42	EC*	04	02	02	Eugenia confusa (Redberry Stopper)	8' HT. X 4' SPR., 2" CAL., STANDARD, TREE FORM
580-4-42	EF*	07	07	-	Eugenia foetida (Spanish Stopper)	8' HT. X 4' SPR., 2" CAL., STANDARD, TREE FORM
580-4-42	GS*	18	13	05	Guaiacum sanctum (Lignum Vitae)	8' HT. X 4' SPR., 2" CAL.
580-4-42	LI	21	20	01	Lagerstroemia indica 'Tuscarora' (Crepe Myrtle Tree)	12' HT. X 6' SPR., 3" CAL., STANDARD, TREE FORM
580-4-42	LL*	13	-	13	Lysiloma latisiliquum (Wild Tamarind)	12' HT. X 6' SPR., 3" CAL.
580-4-42	MF*	20	16	04	Myrcianthes fragrans (Simpson's Stopper)	8' HT. X 4' SPR., 2" CAL., STANDARD, TREE FORM
580-4-42	QV*	01	-	01	Quercus virginiana (Live Oak)	14' HT. X 7' SPR., 5" CAL.
580-2-1	QV-R	02	-	02	Quercus virginiana (Live Oak)	RELOCATED

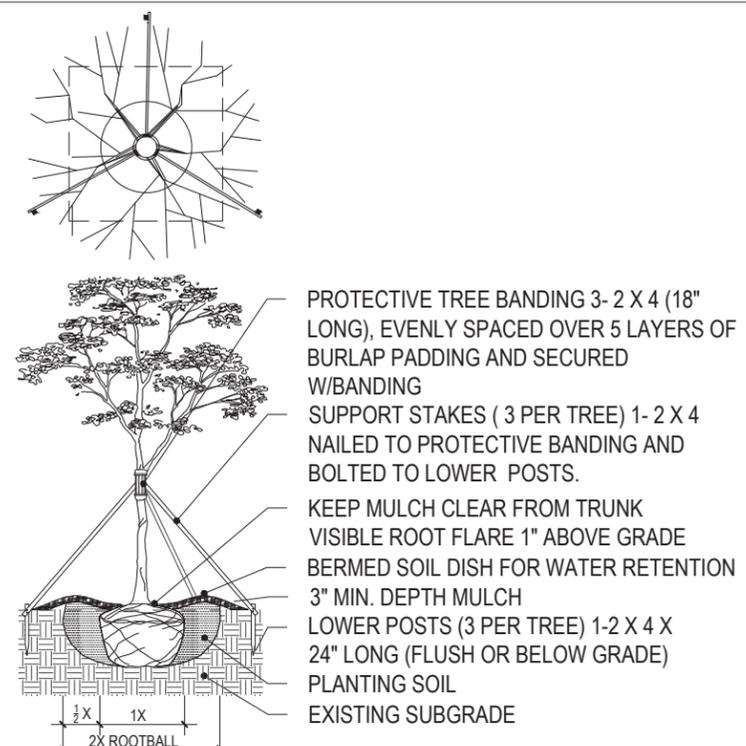
Palmetto Bay - Mitigation required is 45 - 12' trees or 11 - 14' trees and 27 - 12' Trees / Providing 87% Native of 55 proposed trees

Pinecrest - Mitigation required is 43 - 12' Trees / Providing 68% Native of 73 proposed trees

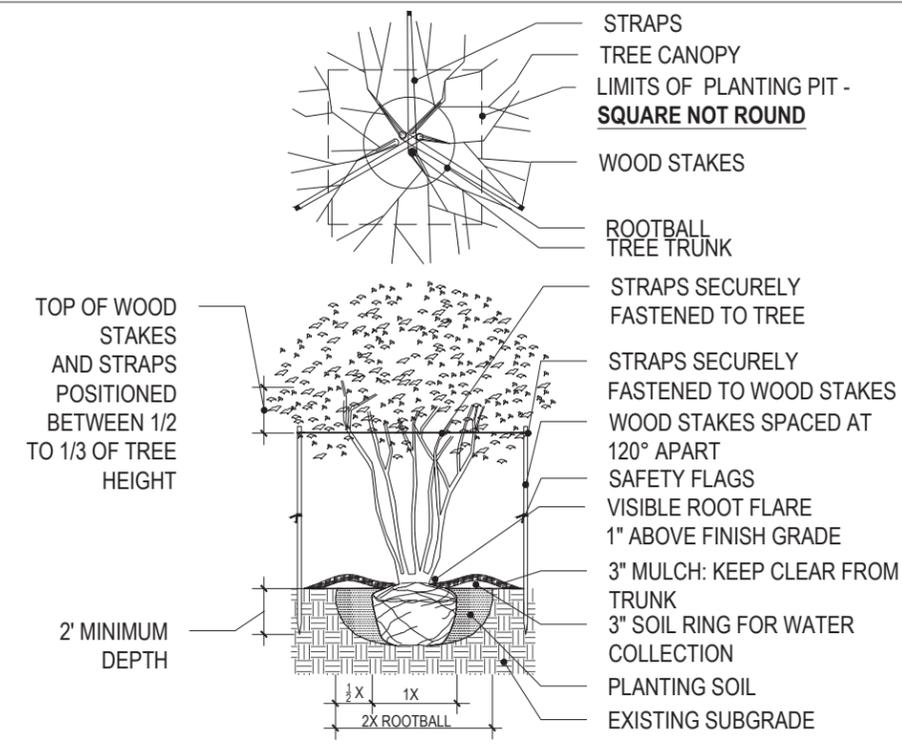
* Native to Miami-Dade County

C:\Project Files\SW 136th Street - US1 to Old Cutler\Drawings\C+R\2 CAD\1 BASES\landscape\Current\plantListDetails.dwg, Mar. 19, 2020 - 3:07pm RALPH

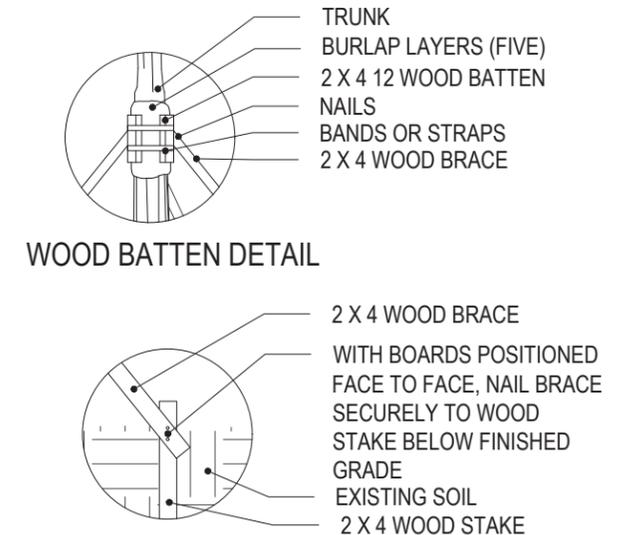




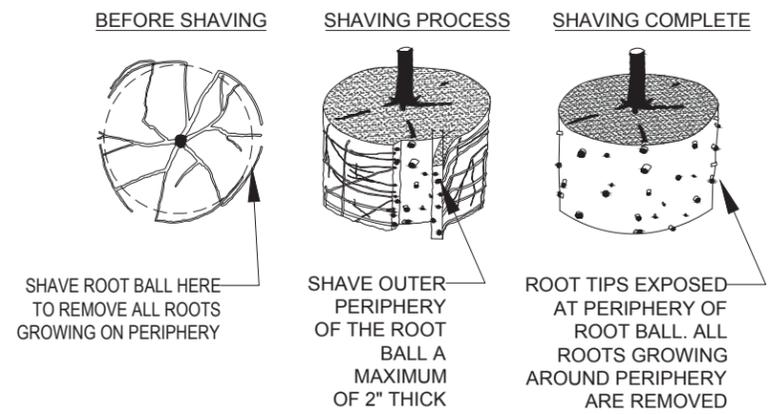
1 LARGE TREE PLANTING DETAIL
3" CALIPER AND GREATER
SCALE: 1/8" - 1' - 0"



2 MULTI TRUNK TREE PLANTING DETAIL
SCALE: 1/8" - 1' - 0"



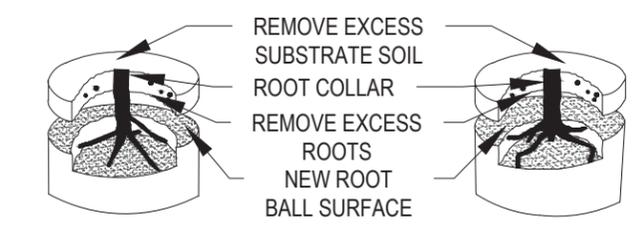
3 WOOD STAKING DETAIL
SCALE: 1/8" - 1' - 0"



NOTES:
1- SHAVING TO BE CONDUCTED USING A SHARP BLADE OR HAND SAW ELIMINATING NO MORE THAN NEEDED TO REMOVE ALL ROOTS ON THE PERIPHERY OF ROOT BALL.
2- SHAVING CAN BE PERFORMED JUST PRIOR TO PLANTING OR AFTER PLACING IN THE HOLE.

4 ROOT BALL SHAVING CONTAINER DETAIL
SCALE: NTS

STEP 1 - REMOVE SUBSTRATE OVER ROOT COLLAR



TREE PLANTED TOO DEEPLY IN ROOT BALL. REMOVE EXCESS SUBSTRATE AND ROOTS TO MEET ROOT INSPECTION DETAIL.

STEP 2 - REMOVE DEFECTS



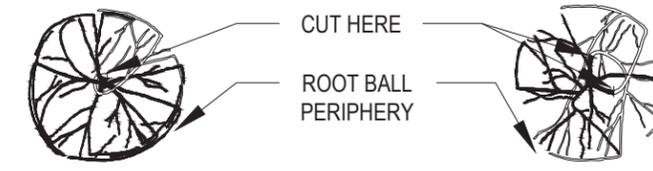
FIVE STRUCTURAL (LARGE) ROOTS SHOWN IN BLACK. REMOVE STRUCTURAL ROOT (WHITE) WRAPPING ROOT COLLAR.

FOUR STRUCTURAL ROOTS SHOWN IN BLACK. REMOVE ROOT (WHITE) GROWING OVER STRUCTURAL ROOTS.



SIX STRUCTURAL ROOTS SHOWN IN BLACK. REMOVE ROOTS (WHITE) GROWING OVER ROOT COLLAR BY CUTTING THEM JUST BEFORE THEY MAKE AN ABRUPT TURN.

SEVEN STRUCTURAL ROOTS SHOWN IN BLACK. REMOVE STRUCTURAL ROOTS (WHITE) GROWING AROUND OR OVER ROOT COLLAR BY CUTTING THEM JUST BEFORE THEY MAKE AN ABRUPT TURN.



CUT STRUCTURAL ROOT JUST BEFORE IT MAKES ABRUPT TURN. PRUNING CUT SHOULD BE MADE TANGENT (PARALLEL) TO THE TRUNK.

CUT STRUCTURAL ROOTS JUST BEFORE THEY MAKE ABRUPT TURN BY CUTTING TANGENT (PARALLEL) TO THE TRUNK (TWO CUTS SHOWN).

NOTES:
1- ALL TREES SHOWN ARE REJECTABLE UNLESS THEY UNDERGO RECOMMENDED CORRECTION.
2- FIRST STEP 1, THEN STEP 2. ROOTS AND SOIL MAY BE REMOVED DURING THE CORRECTION PROCESS; SUBSTRATE/SOIL SHALL BE REPLACED AFTER CORRECTION HAS BEEN COMPLETED.
3- TREES SHALL MEET ROOT OBSERVATIONS DETAIL FOLLOWING CORRECTION.
4- SMALL ROOTS (1/4" OR LESS) ON THE PERIPHERY OF THE ROOT BALL ARE COMMON WITH CONTAINER PLANT PRODUCTION. THESE SMALL ROOTS ARE NOT DEFINED AS "DEFECTS" AND CAN BE ADDRESSED AT THE TIME OF INSTALLATION (SEE ROOT BALL SHAVING CONTAINER DETAIL).

5 ROOT CORRECTION DETAIL - CONTAINER
SCALE: NTS

G:\Project Files\SW 136th Street - US1 to Old Cutler - Drawings\Current\Drawings\PL-21.dwg Mar 19, 2020 - 12:59pm JULIU

