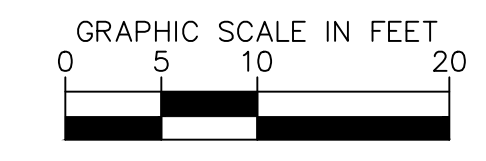
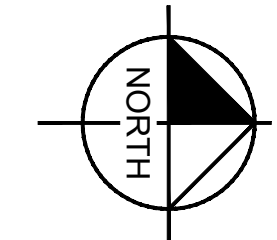
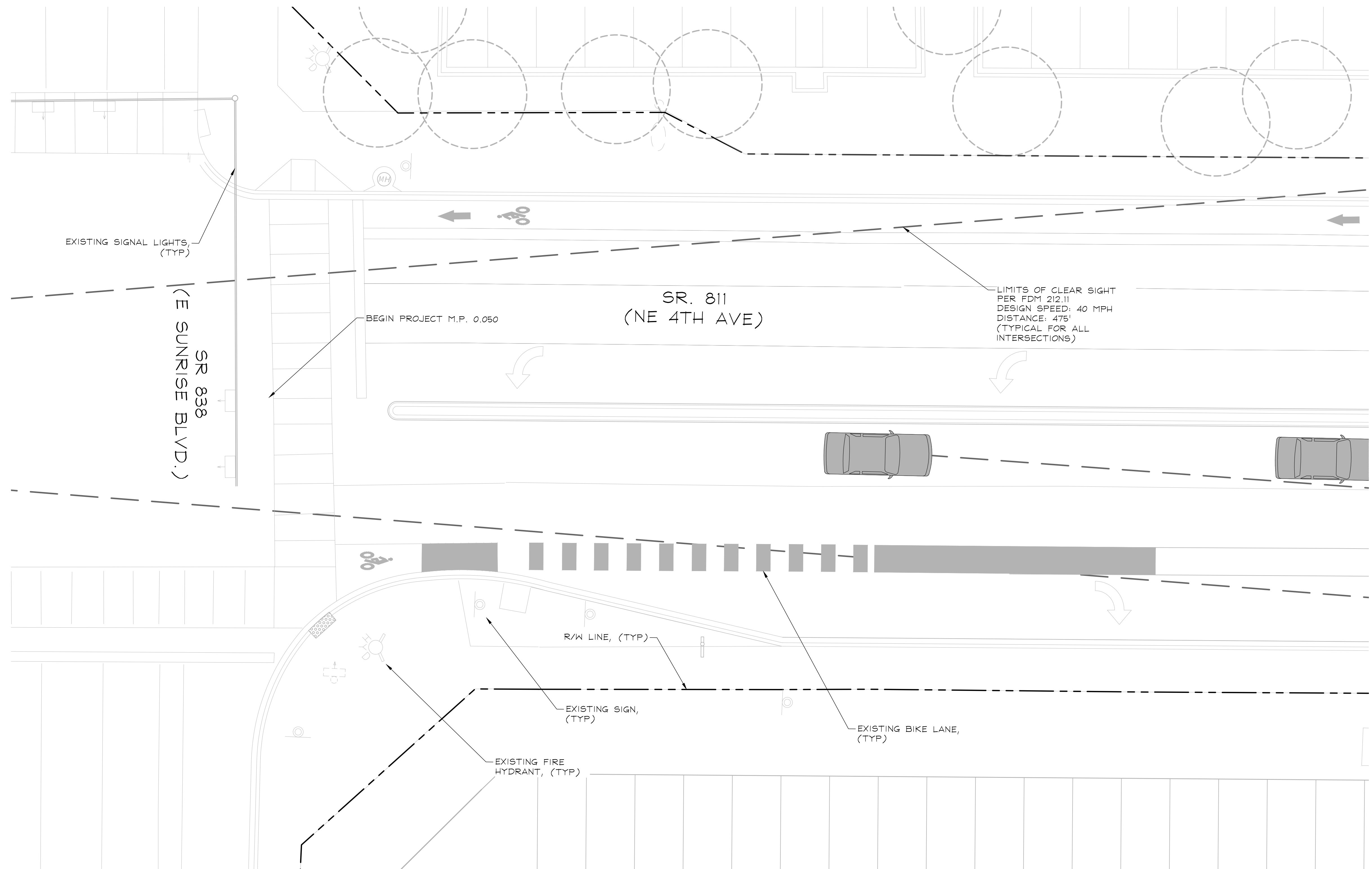


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PLANT SCHEDULE


TREES	COMMON NAME
LA	Muskogee Grape Myrtle 8' CT, Standard
LD	Natchez Grape Myrtle 8' CT, Standard
QV	High Rise Live Oak
VA	Montgomery Palm Single Trunk

Kimley Horn
1920 WEKIVA WAY #200
WEST PALM BEACH, FL 33411
PHONE: 561-845-0665 FAX:
561-330-2245
WWW.KIMLEY-HORN.COM
REGISTRY 698
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SEAL:
JONATHAN D. HAIGH, PLA
STATE LICENSE NUMBER
LA #6666795
10/19/2021

DATE:	07/01/2021
DRAWN BY:	AS
DESIGNED BY:	AS
CHECKED BY:	SHOWN
FIELD BOOK:	

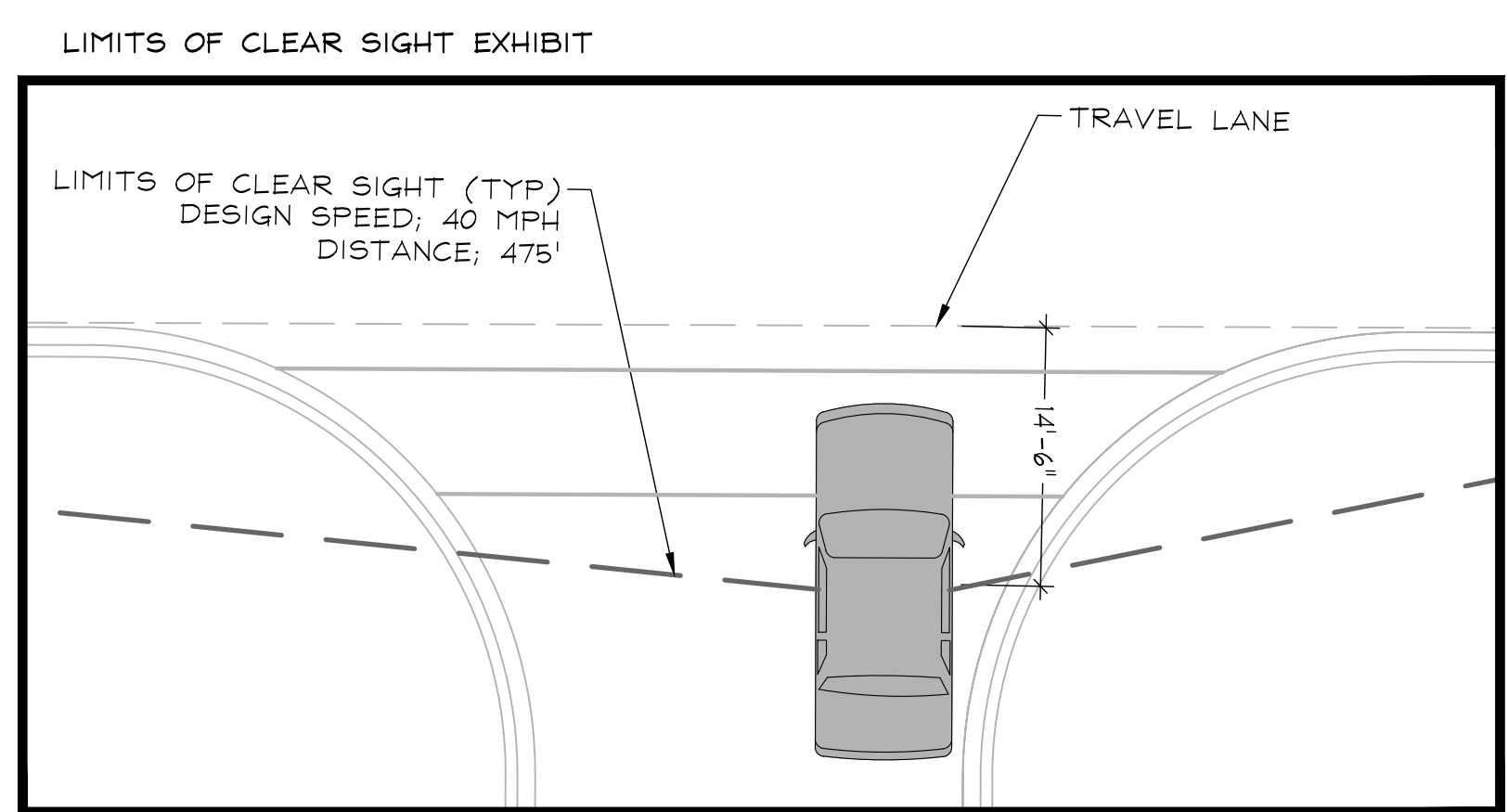
CITY OF FORT LAUDERDALE
TRANSPORTATION & MOBILITY
250 NE 3RD AVE, FORT LAUDERDALE, FL 33301



NO.	DATE	BY	CHK'D	DESCRIPTION

PROJECT # 12557
NE 4TH AVENUE STREETSCAPE PROJECT
E SUNRISE BLVD TO NE 13TH ST
FORT LAUDERDALE, FL
LANDSCAPE PLAN

SHEET NO.
L3.00



NOTE:
ALL LIMITS OF CLEAR SIGHT ORIGIN AT 14.5' BEHIND THE TRAVEL LANE PER FDOT DESIGN MANUAL SEC: 212.11

NOTE: EXISTING SHRUB AND GROUND COVER PLANTINGS LOCATED WITHIN CLEAR SIGHT LIMIT INDICATED TO REMAIN SHALL BE TRIMMED 12" FROM BACK OF CURB AND MAINTAINED HEIGHT NOT TO EXCEED 18". ALL TREES AND PALMS TO BE MAINTAINED WITH 8' OF CLEAR TRUNK.

NOTE: THE FDOT REQUIRES A 14.5' VERTICAL CLEARANCE ABOVE ROADWAYS AND ALSO REQUIRES AN 8.5' VERTICAL CLEARANCE ABOVE WALKWAYS.

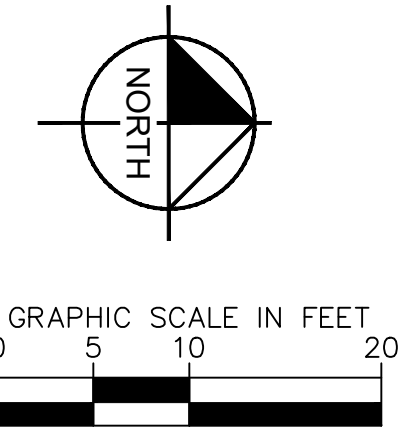
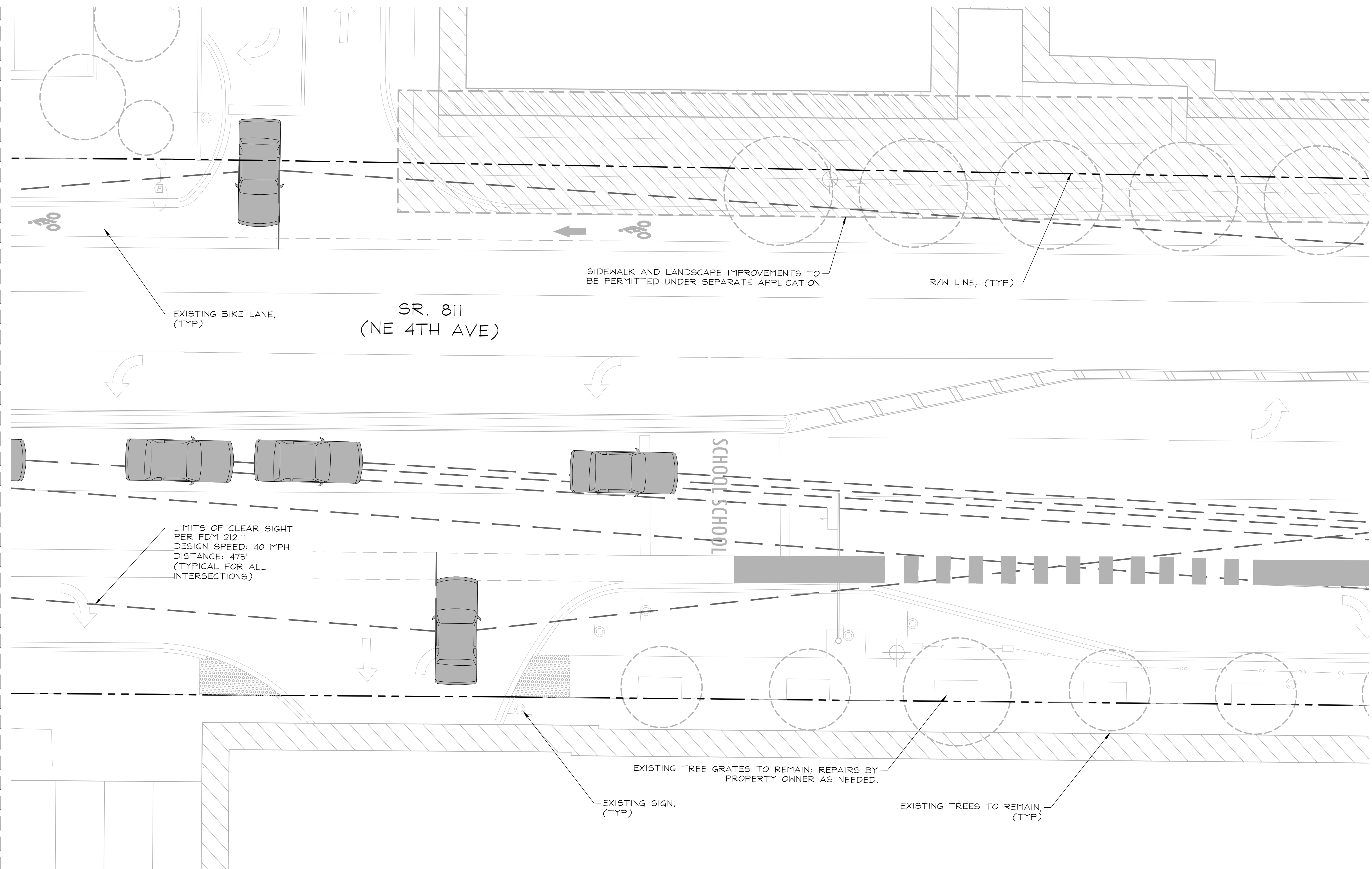
NOTE: SECTION 7-1.4: COMPLIANCE WITH FEDERAL ENDANGERED SPECIES ACT AND OTHER WILDLIFE REGULATIONS OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION MANUAL SHOULD BE ADHERED TO FOR WILDLIFE INVOLVEMENT DURING CONSTRUCTION.

NO PROPOSED IMPROVEMENTS, THIS SHEET

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SEE SHEET L3.00 FOR CONTINUATION

SEE SHEET L3.02 FOR CONTINUATION



PLANT SCHEDULE

TREES	COMMON NAME
LA	Muskogee Grape Myrtle 8' CT, Standard
LD	Natchez Grape Myrtle 8' CT, Standard
QV	High Rise Live Oak
VA	Montgomery Palm Single Trunk

Kimley Horn
1920 WEKIVA WAY #200
WEST PALM BEACH, FL 33411
PHONE: 561-845-0665 FAX: 561-330-2245
WWW.KIMLEY-HORN.COM
REGISTRY 698
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SEAL:
JONATHAN D. HAIGH, PLA
STATE LICENSE NUMBER
LA #6666795
10/19/2021

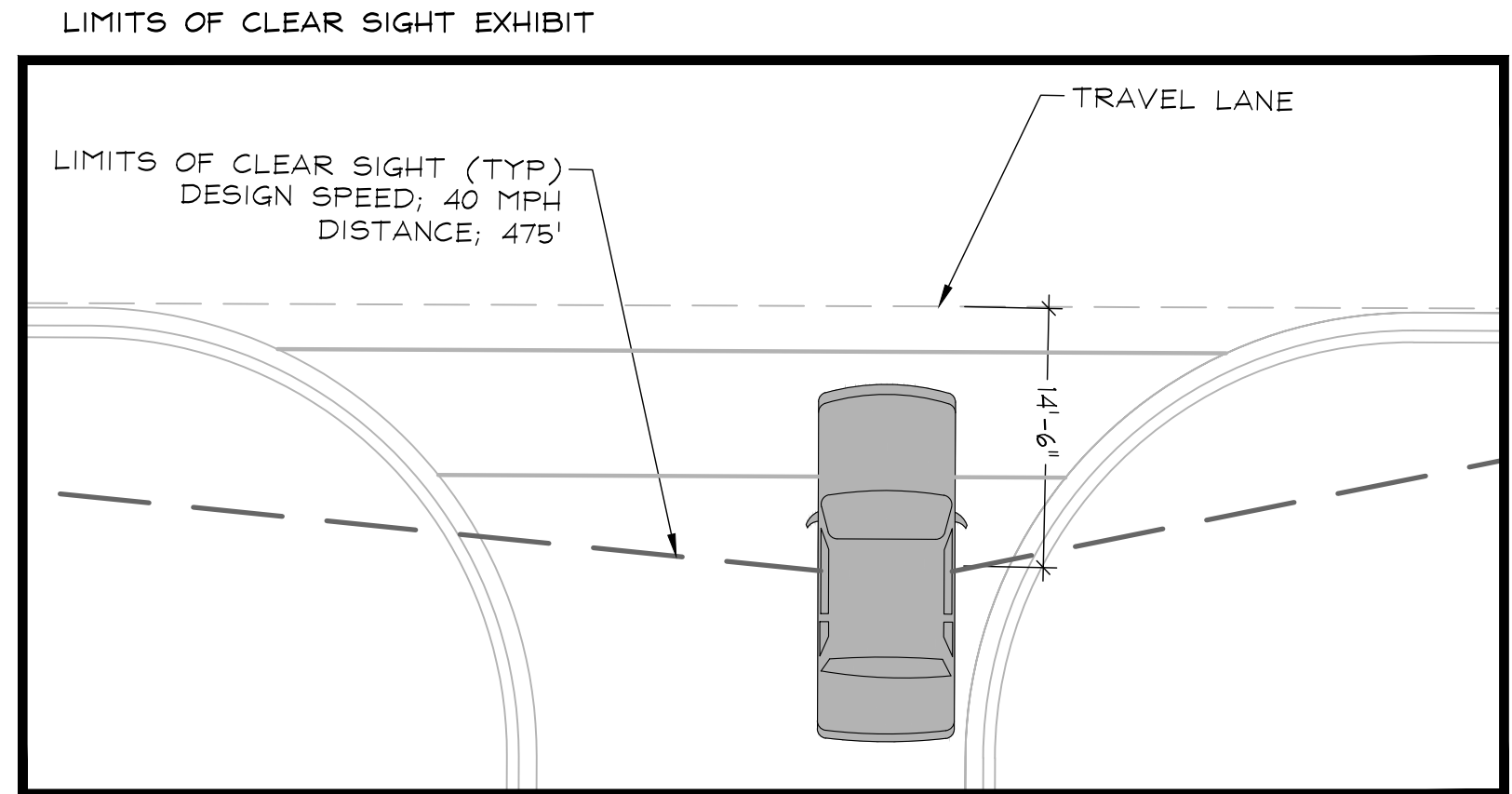
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DESIGNED BY:	AS SHOWN
CHECKED BY:	
FIELD BOOK:	

CITY OF FORT LAUDERDALE
TRANSPORTATION & MOBILITY
250 NE 3RD AVE, FORT LAUDERDALE, FL 33301

NO.	DATE	BY	CHK'D	DESCRIPTION

PROJECT # 12557
NE 4TH AVENUE STREETSCAPE PROJECT
E SUNRISE BLVD TO NE 13TH ST
FORT LAUDERDALE, FL
LANDSCAPE PLAN

SHEET NO.
L3.01



NOTE:
ALL LIMITS OF CLEAR SIGHT ORIGIN AT 14.5' BEHIND THE TRAVEL LANE PER FDOT DESIGN MANUAL SEC: 212.11

NOTE: EXISTING SHRUB AND GROUND COVER PLANTINGS LOCATED WITHIN CLEAR SIGHT LIMIT INDICATED TO REMAIN SHALL BE TRIMMED 12" FROM BACK OF CURB AND MAINTAINED HEIGHT NOT TO EXCEED 18". ALL TREES AND PALMS TO BE MAINTAINED WITH 8' OF CLEAR TRUNK.

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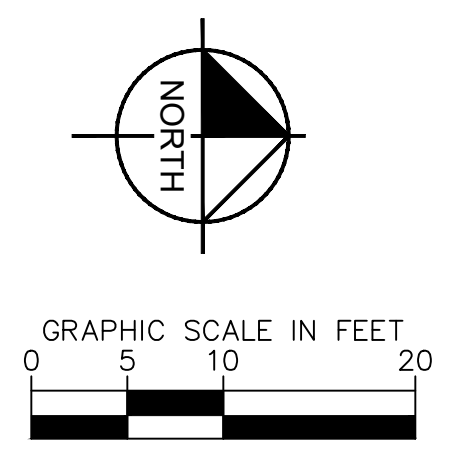
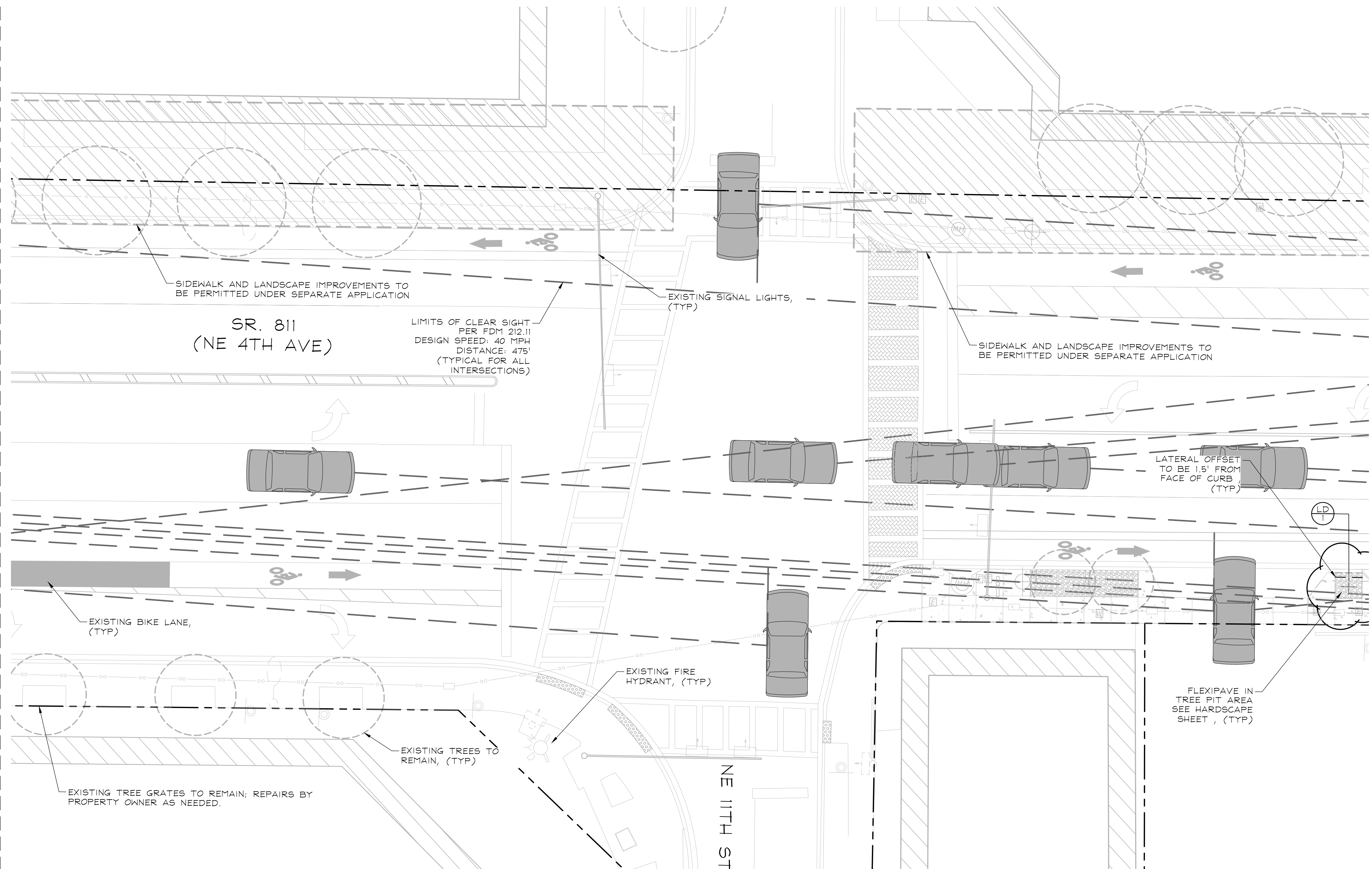
NOTE: SECTION 7-1.4: COMPLIANCE WITH FEDERAL ENDANGERED SPECIES ACT AND OTHER WILDLIFE REGULATIONS OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION MANUAL SHOULD BE ADHERED TO FOR WILDLIFE INVOLVEMENT DURING CONSTRUCTION.

NO PROPOSED IMPROVEMENTS, THIS SHEET

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SEE SHEET L3.01 FOR CONTINUATION

SEE SHEET L3.03 FOR CONTINUATION



PLANT SCHEDULE

TREES	COMMON NAME
LA	Muskogee Grape Myrtle 8' CT, Standard
LD	Natchez Grape Myrtle 8' CT, Standard
QV	High Rise Live Oak
VA	Montgomery Palm Single Trunk

Kimley Horn
1920 WEKIVA WAY #200
WEST PALM BEACH, FL 33411
PHONE: 561-845-0665 FAX:
561-330-2245
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JONATHAN D. HAIGH, PLA
STATE LICENSE NUMBER
LA #6666795
10/19/2021

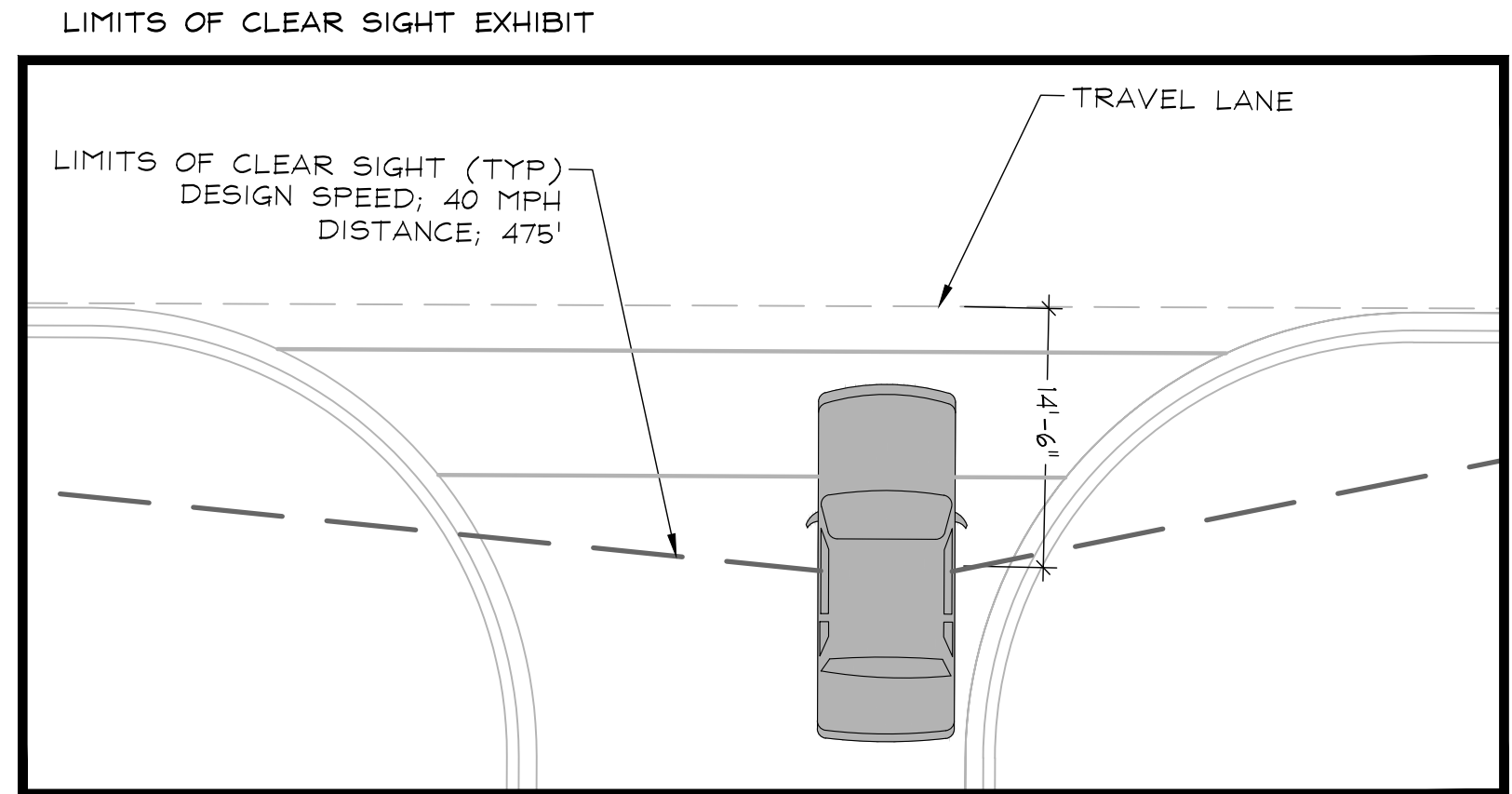
DATE:	07/01/2021
DRAWN BY:	AS
DESIGNED BY:	AS
CHECKED BY:	SHOWN
FIELD BOOK:	

CITY OF FORT LAUDERDALE
TRANSPORTATION & MOBILITY
290 NE 3RD AVE, FORT LAUDERDALE, FL 33301

NO.	DATE	BY	CHK'D	DESCRIPTION

PROJECT # 12557
NE 4TH AVENUE STREETSCAPE PROJECT
E SUNRISE BLVD TO NE 13TH ST
FORT LAUDERDALE, FL
LANDSCAPE PLAN

SHEET NO.
L3.02



NOTE:
ALL LIMITS OF CLEAR SIGHT ORIGIN AT 14.5' BEHIND THE TRAVEL LANE PER FDOT DESIGN MANUAL SEC: 212.11

NOTE: EXISTING SHRUB AND GROUND COVER PLANTINGS LOCATED WITHIN CLEAR SIGHT LIMIT INDICATED TO REMAIN SHALL BE TRIMMED 12" FROM BACK OF CURB AND MAINTAINED HEIGHT NOT TO EXCEED 18". ALL TREES AND PALMS TO BE MAINTAINED WITH 8' OF CLEAR TRUNK.

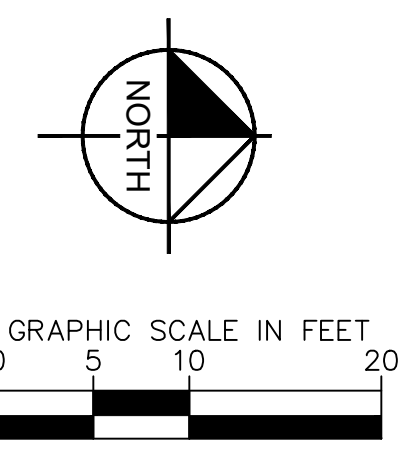
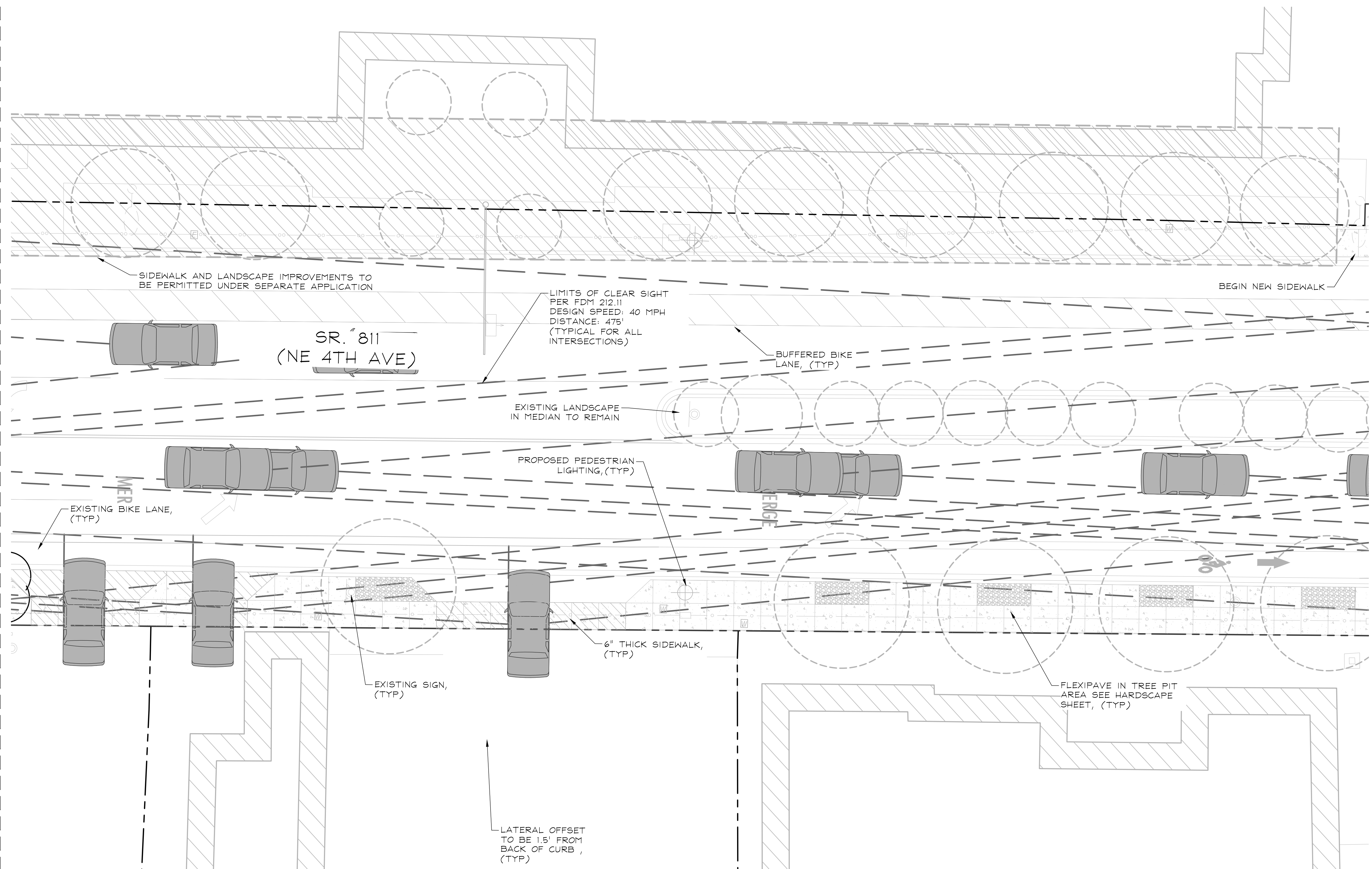
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Plotted By: Hicks Jr., Darryl Sheet Set: NE 4th Avenue Layout: L2.03 LANDSCAPE PLAN October 25, 2021 01:52:47pm K:\WPB_LURC\04-3184061 - NE 4th Ave FTL\CAD\PlanSheets\L3.00 LANDSCAPE PLAN.dwg

SEE SHEET L3.02 FOR CONTINUATION

SEE SHEET L3.04 FOR CONTINUATION



PLANT SCHEDULE

TREES	COMMON NAME
LA	Muskogee Grape Myrtle 8' CT, Standard
LD	Natchez Grape Myrtle 8' CT, Standard
QV	High Rise Live Oak
VA	Montgomery Palm Single Trunk

Kimley»Horn
1920 WEKIVA WAY #200
WEST PALM BEACH, FL 33411
PHONE: 561-845-0665 FAX:
561-330-2245
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SEAL:
JONATHAN D. HAIGH, PLA
STATE LICENSE NUMBER
LA #6666795
10/19/2021

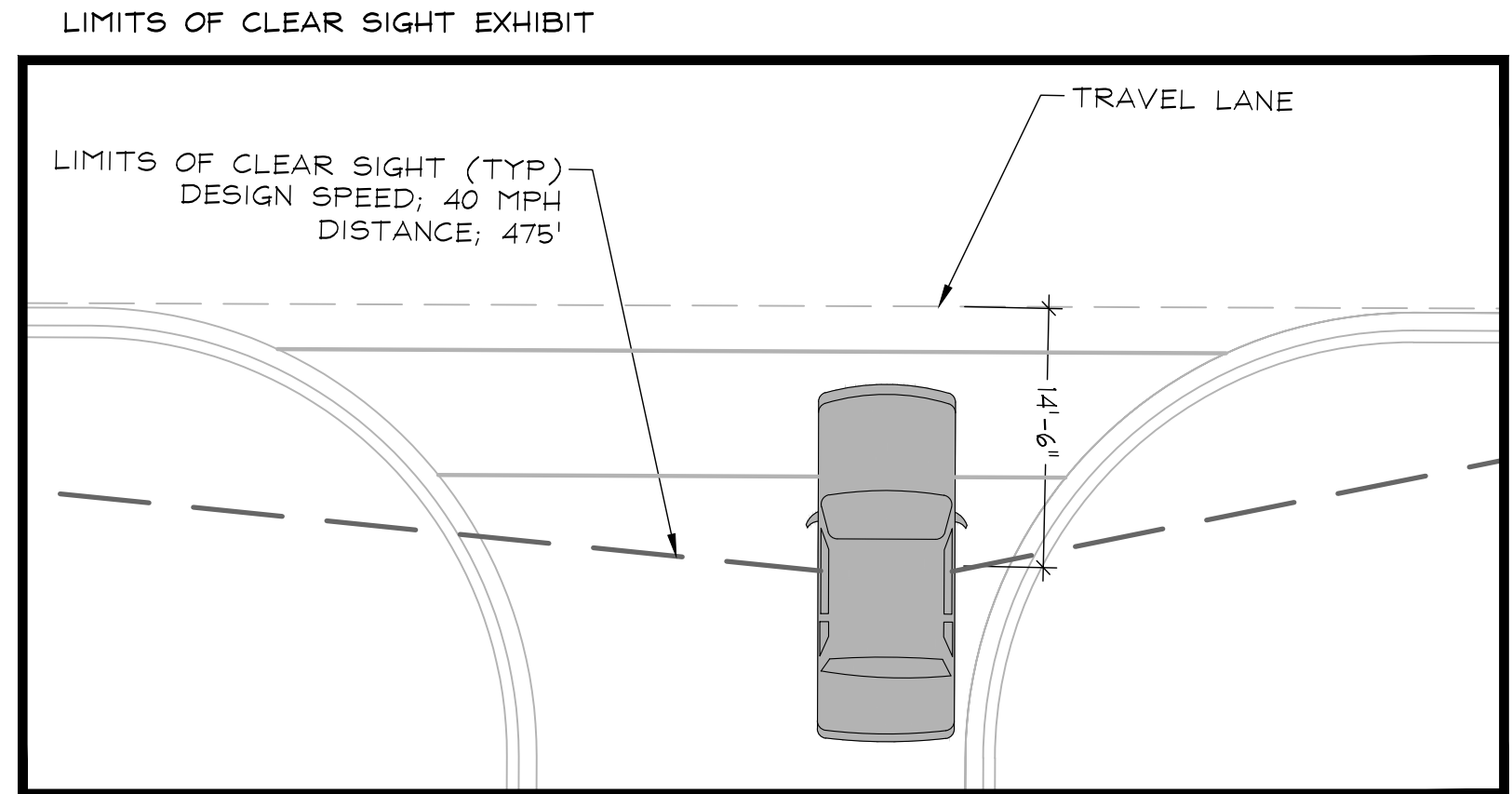
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DESIGNED BY:	AS
CHECKED BY:	SHOWN
FIELD BOOK:	

CITY OF FORT LAUDERDALE
TRANSPORTATION
&
MOBILITY
250 NE 3RD AVE, FORT LAUDERDALE, FL 33301

REVISIONS		DESCRIPTION
NO.	DATE	BY

PROJECT # 12557
NE 4TH AVENUE STREETSCAPE PROJECT
E SUNRISE BLVD TO NE 13TH ST
FORT LAUDERDALE, FL
LANDSCAPE PLAN

SHEET NO.
L3.03



NOTE:
ALL LIMITS OF CLEAR SIGHT ORIGIN AT 14.5' BEHIND THE TRAVEL LANE PER FDOT DESIGN MANUAL SEC: 212.11

NOTE: EXISTING SHRUB AND GROUND COVER PLANTINGS LOCATED WITHIN CLEAR SIGHT LIMIT INDICATED TO REMAIN SHALL BE TRIMMED 12" FROM BACK OF CURB AND MAINTAINED HEIGHT NOT TO EXCEED 18". ALL TREES AND PALMS TO BE MAINTAINED WITH 8' OF CLEAR TRUNK.

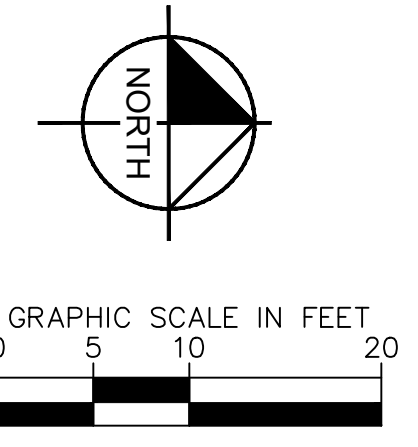
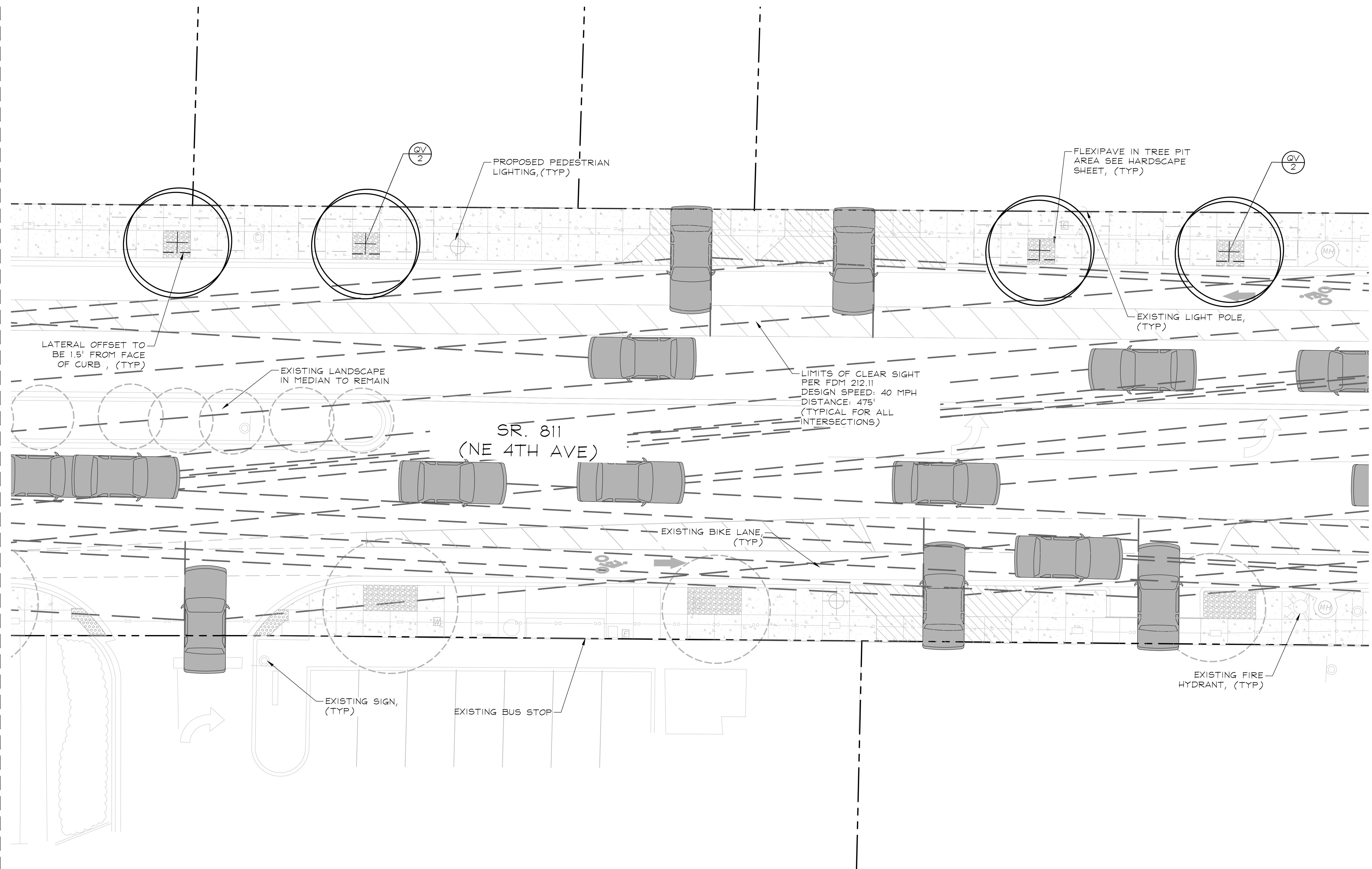
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Plotted By: Hicks Jr., Darryl Sheet Set: NE 4th Avenue Layout: L2.04 LANDSCAPE PLAN October 25, 2021 01:52:52pm K:\WPB_LURC\04-184061 - NE 4th Ave FTL\CAD\Plansheets\L3.00 LANDSCAPE PLAN.dwg

SEE SHEET L3.03 FOR CONTINUATION

SEE SHEET L3.05 FOR CONTINUATION



PLANT SCHEDULE

TREES	COMMON NAME
LA	Muskogee Grape Myrtle 8' CT, Standard
LD	Natchez Grape Myrtle 8' CT, Standard
QV	High Rise Live Oak
VA	Montgomery Palm Single Trunk

Kimley Horn
1920 WEKIVA WAY #200
WEST PALM BEACH, FL 33411
PHONE: 561-845-0665 FAX: 561-330-2245
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JONATHAN D. HAIGH, PLA
STATE LICENSE NUMBER
LA #6666795
10/19/2021

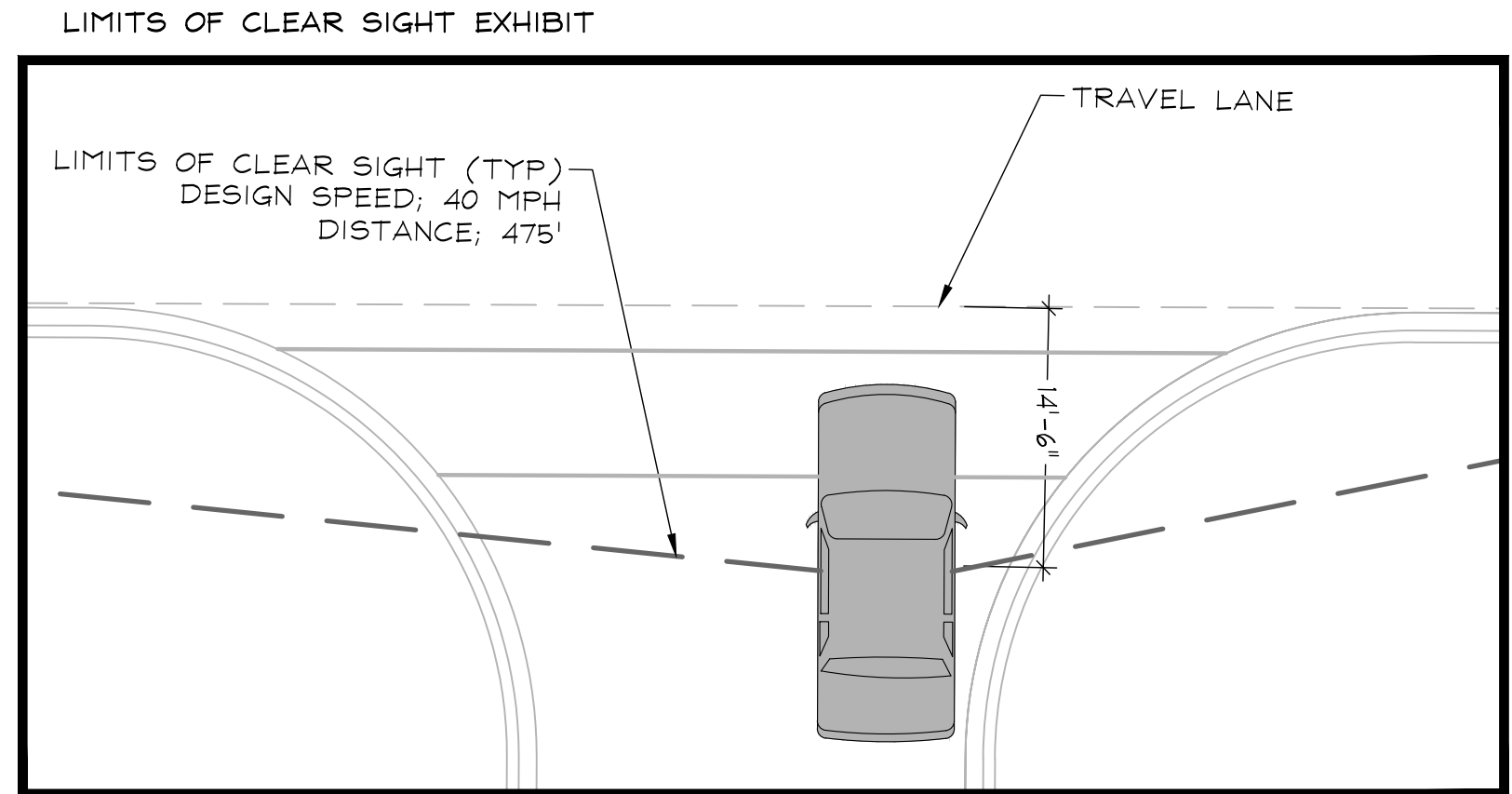
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DRAWN BY:	DESIGNED BY:	CHECKED BY:

CITY OF FORT LAUDERDALE
TRANSPORTATION & MOBILITY
250 NE 3RD AVE, FORT LAUDERDALE, FL 33301

NO.	DATE	BY	CHK'D	DESCRIPTION

PROJECT # 12557
NE 4TH AVENUE STREETSCAPE PROJECT
E SUNRISE BLVD TO NE 13TH ST
FORT LAUDERDALE, FL
LANDSCAPE PLAN

SHEET NO.
L3.04



NOTE:
ALL LIMITS OF CLEAR SIGHT ORIGIN AT 14.5' BEHIND THE TRAVEL LANE PER FDOT DESIGN MANUAL SEC: 212.11

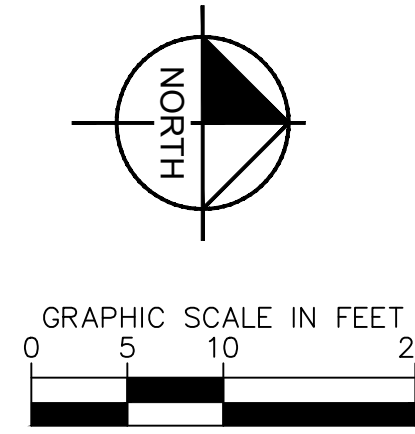
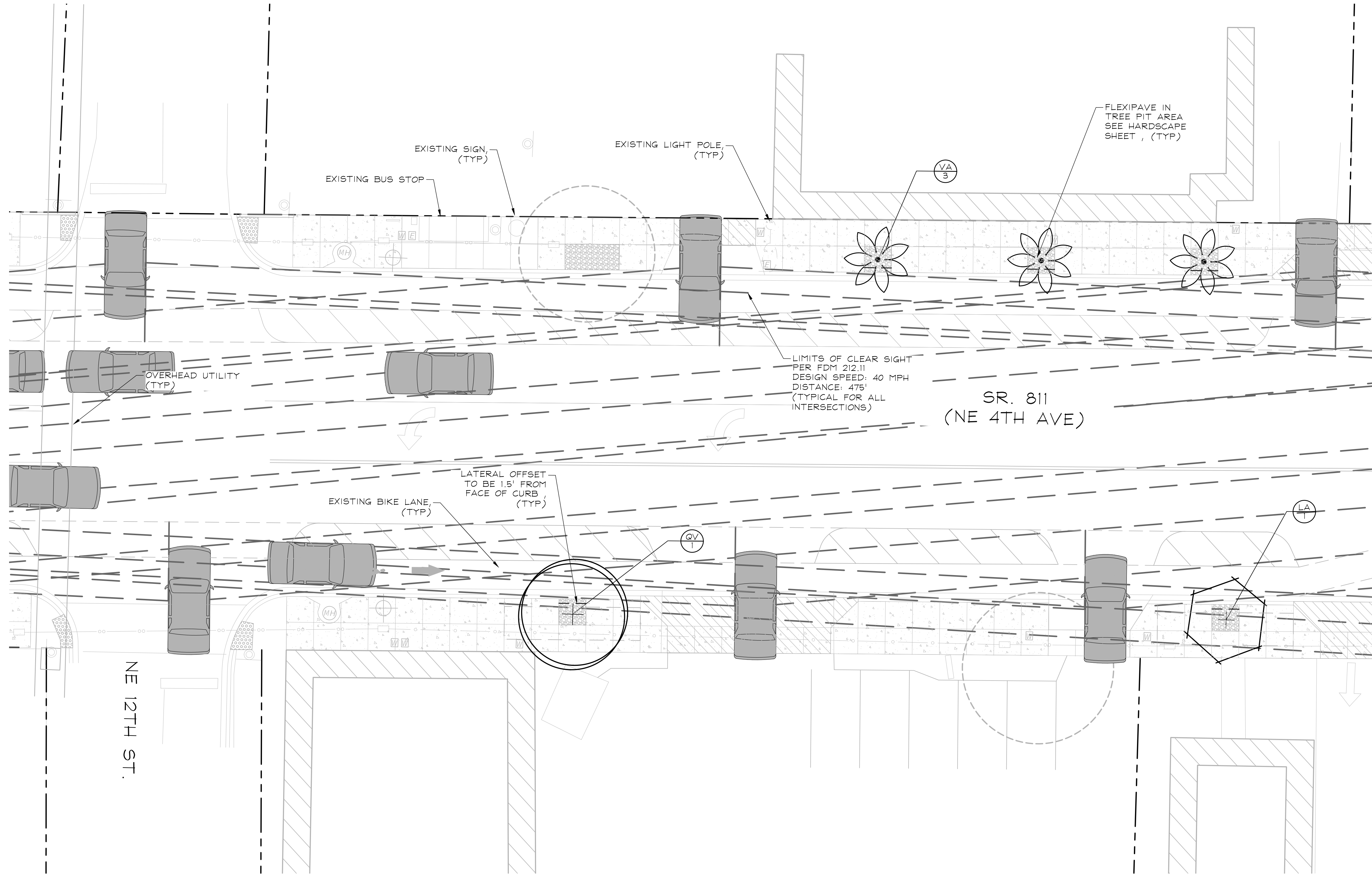
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SEE SHEET L3.04 FOR CONTINUATION



PLANT SCHEDULE

TREES	COMMON NAME
LA	Muskogee Grape Myrtle 8' CT, Standard
LD	Natchez Grape Myrtle 8' CT, Standard
QV	High Rise Live Oak
VA	Montgomery Palm Single Trunk

Kimley»Horn
1920 WEKIVA WAY #200
WEST PALM BEACH, FL 33411
PHONE: 561-845-0665 FAX:
561-330-2245
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JONATHAN D. HAIGH, PLA
STATE LICENSE NUMBER
LA #6666795
10/19/2021

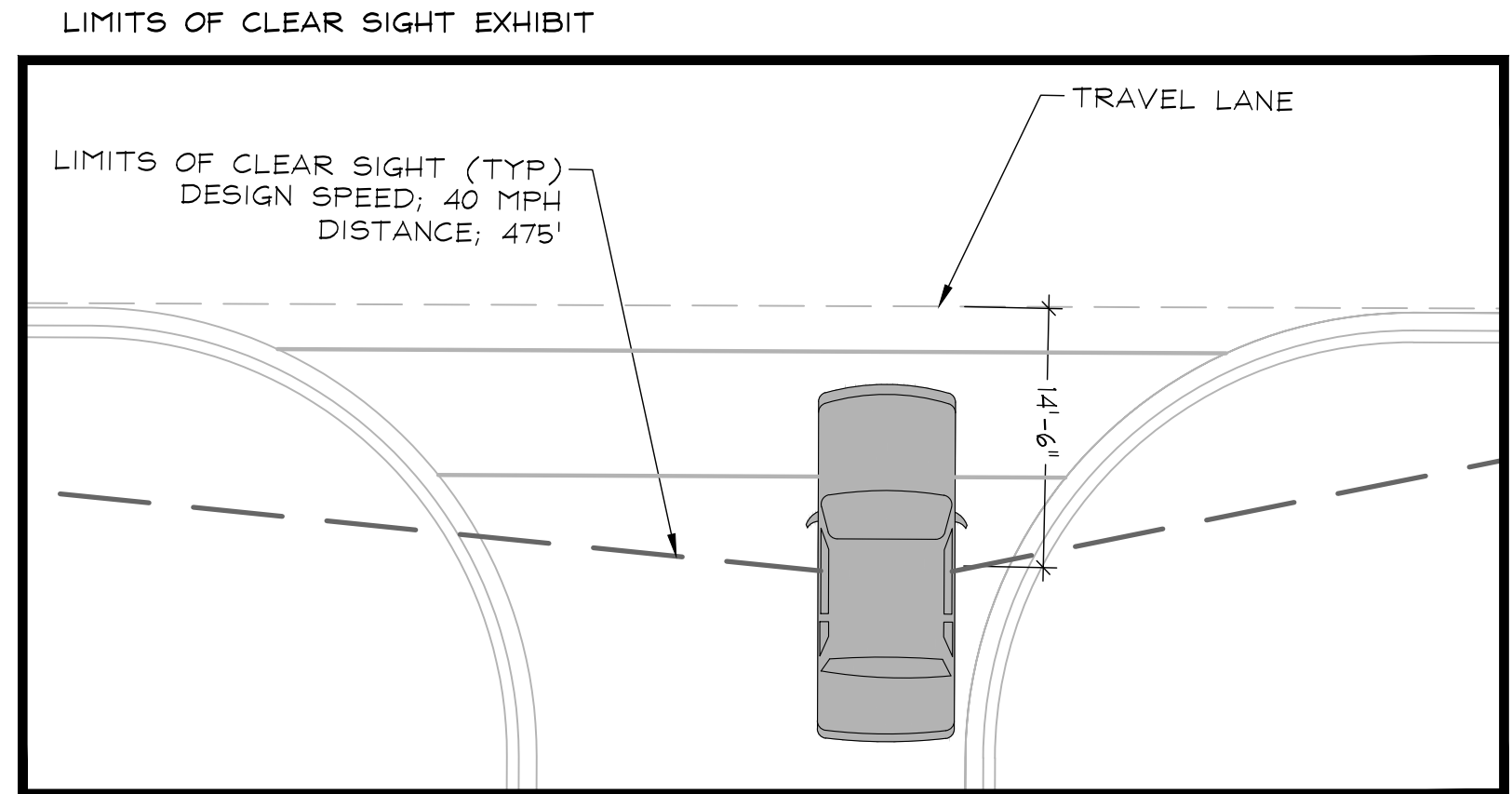
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DESIGNED BY: AS
CHECKED BY: AS
FIELD BOOK:

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TRANSPORTATION
&
MOBILITY
250 NE 3RD AVE, FORT LAUDERDALE, FL 33301

NO.	DATE	BY	CHK'D	DESCRIPTION

PROJECT # 12557
NE 4TH AVENUE STREETSCAPE PROJECT
E SUNRISE BLVD TO NE 13TH ST
FORT LAUDERDALE, FL
LANDSCAPE PLAN

SHEET NO.
L3.05



NOTE:
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TRAVEL LANE PER FDOT DESIGN MANUAL SEC: 212.11

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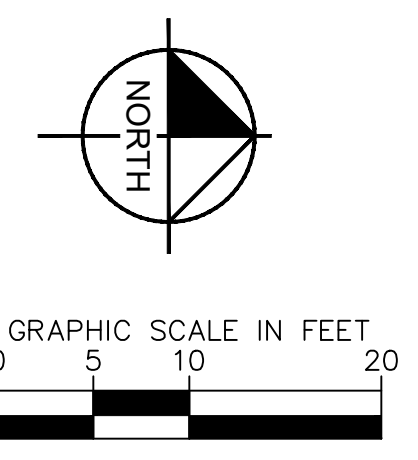
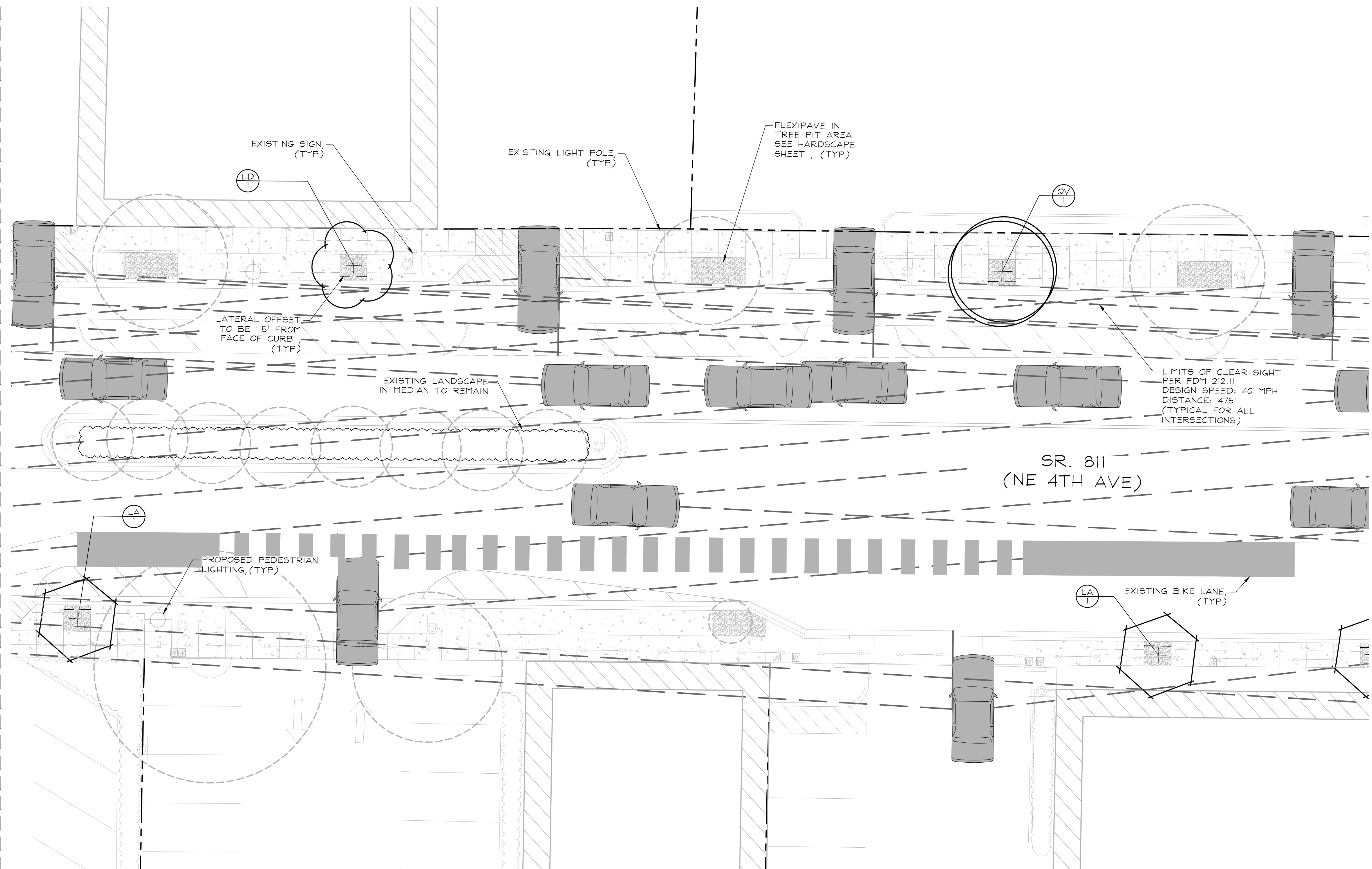
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Plotted By: Hicks Jr., Darryl Sheet Set: NE 4th Avenue Layout: L2.06 LANDSCAPE PLAN October 25, 2021 01:53:01pm K:\WPB_JUR\04\3184061 - NE 4th AVE FTL\CAD\Plan\sheet\3.00 LANDSCAPE PLAN.dwg

SEE SHEET L3.05 FOR CONTINUATION

SEE SHEET L3.07 FOR CONTINUATION



PLANT SCHEDULE

TREES	COMMON NAME
LA	Muskogee Grape Myrtle 8' CT, Standard
LD	Natchez Grape Myrtle 8' CT, Standard
QV	High Rise Live Oak
VA	Montgomery Palm Single Trunk

Kimley Horn
1920 WEKIVA WAY #200
WEST PALM BEACH, FL 33411
PHONE: 561-845-0665 FAX: 561-330-2245
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SEAL:
JONATHAN D. HAIGH, PLA
STATE LICENSE NUMBER
LA #6666795
10/19/2021

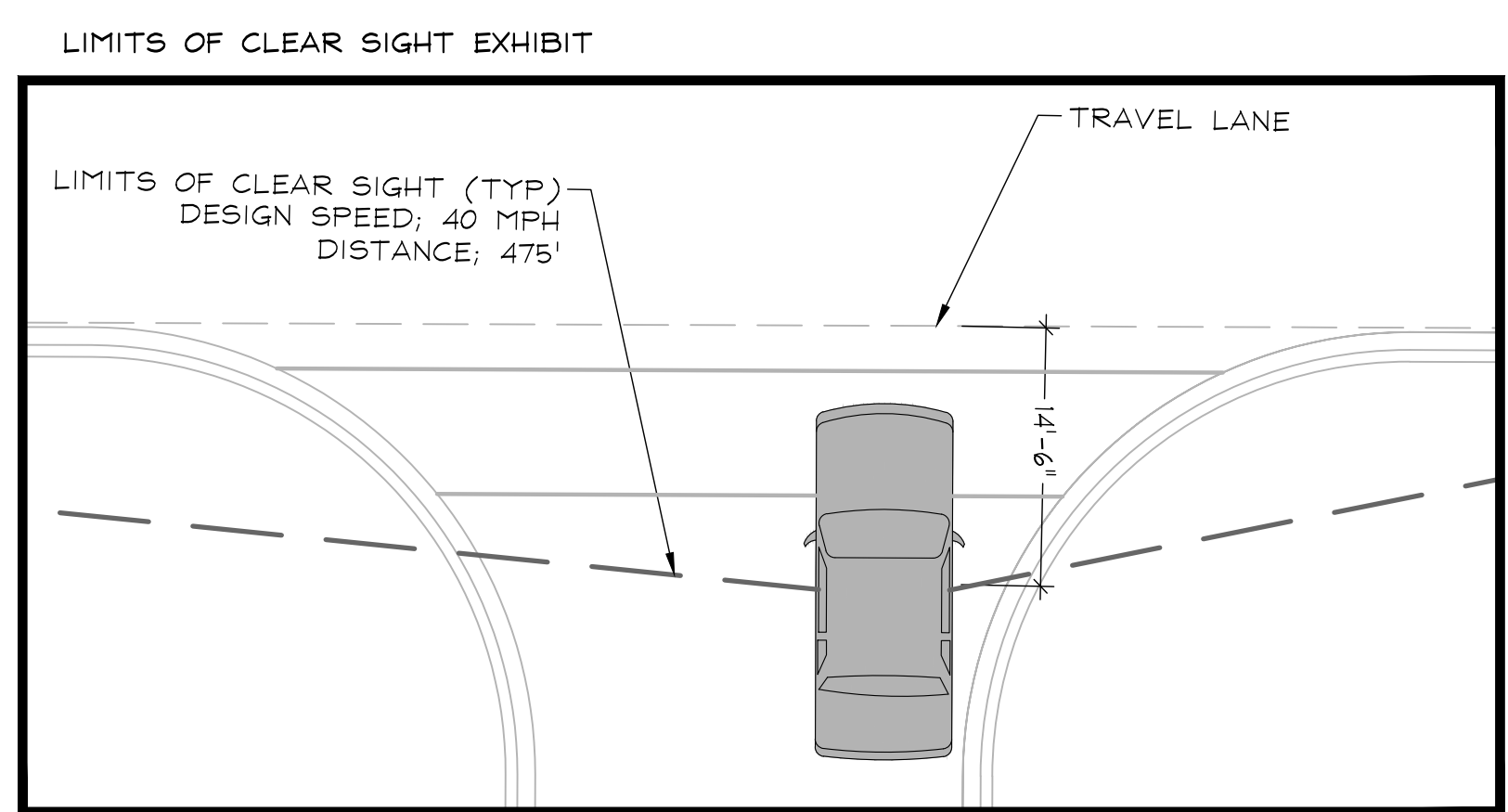
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DESIGNED BY:	AS
CHECKED BY:	AS
FIELD BOOK:	

CITY OF FORT LAUDERDALE
TRANSPORTATION & MOBILITY
290 NE 3RD AVE, FORT LAUDERDALE, FL 33301

NO.	DATE	BY	CHK'D	DESCRIPTION

PROJECT # 12557
NE 4TH AVENUE STREETSCAPE PROJECT
E SUNRISE BLVD TO NE 13TH ST
FORT LAUDERDALE, FL
LANDSCAPE PLAN

SHEET NO.
L3.06



NOTE:
ALL LIMITS OF CLEAR SIGHT ORIGIN AT 14.5' BEHIND THE TRAVEL LANE PER FDOT DESIGN MANUAL SEC: 212.11

NOTE: EXISTING SHRUB AND GROUND COVER PLANTINGS LOCATED WITHIN CLEAR SIGHT LIMIT INDICATED TO REMAIN SHALL BE TRIMMED 12" FROM BACK OF CURB AND MAINTAINED HEIGHT NOT TO EXCEED 18". ALL TREES AND PALMS TO BE MAINTAINED WITH 8' OF CLEAR TRUNK.

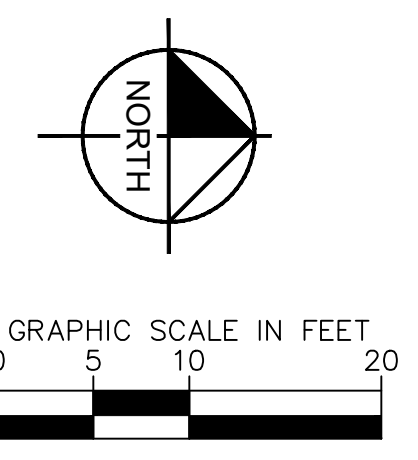
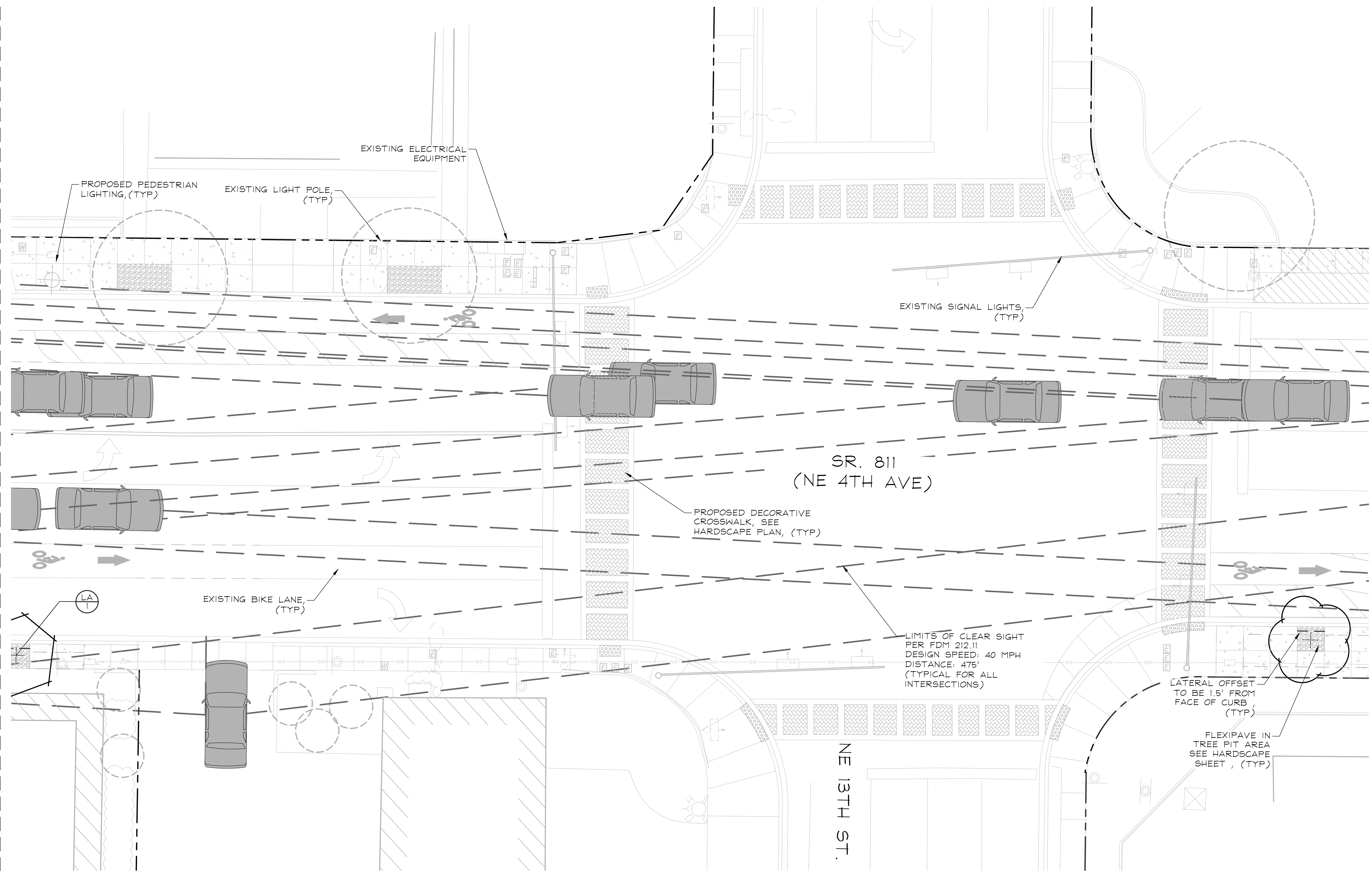
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NOTE: SECTION 7-1.4. COMPLIANCE WITH FEDERAL ENDANGERED SPECIES ACT AND OTHER WILDLIFE REGULATIONS OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION MANUAL SHOULD BE ADHERED TO FOR WILDLIFE INVOLVEMENT DURING CONSTRUCTION.

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SEE SHEET L3.06 FOR CONTINUATION

SEE SHEET L3.08 FOR CONTINUATION



PLANT SCHEDULE

TREES	COMMON NAME
LA	Muskogee Grape Myrtle 8' CT, Standard
LD	Natchez Grape Myrtle 8' CT, Standard
QV	High Rise Live Oak
VA	Montgomery Palm Single Trunk

Kimley Horn
1920 WEKIVA WAY #200
WEST PALM BEACH, FL 33411
PHONE: 561-845-0665 FAX:
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10/19/2021

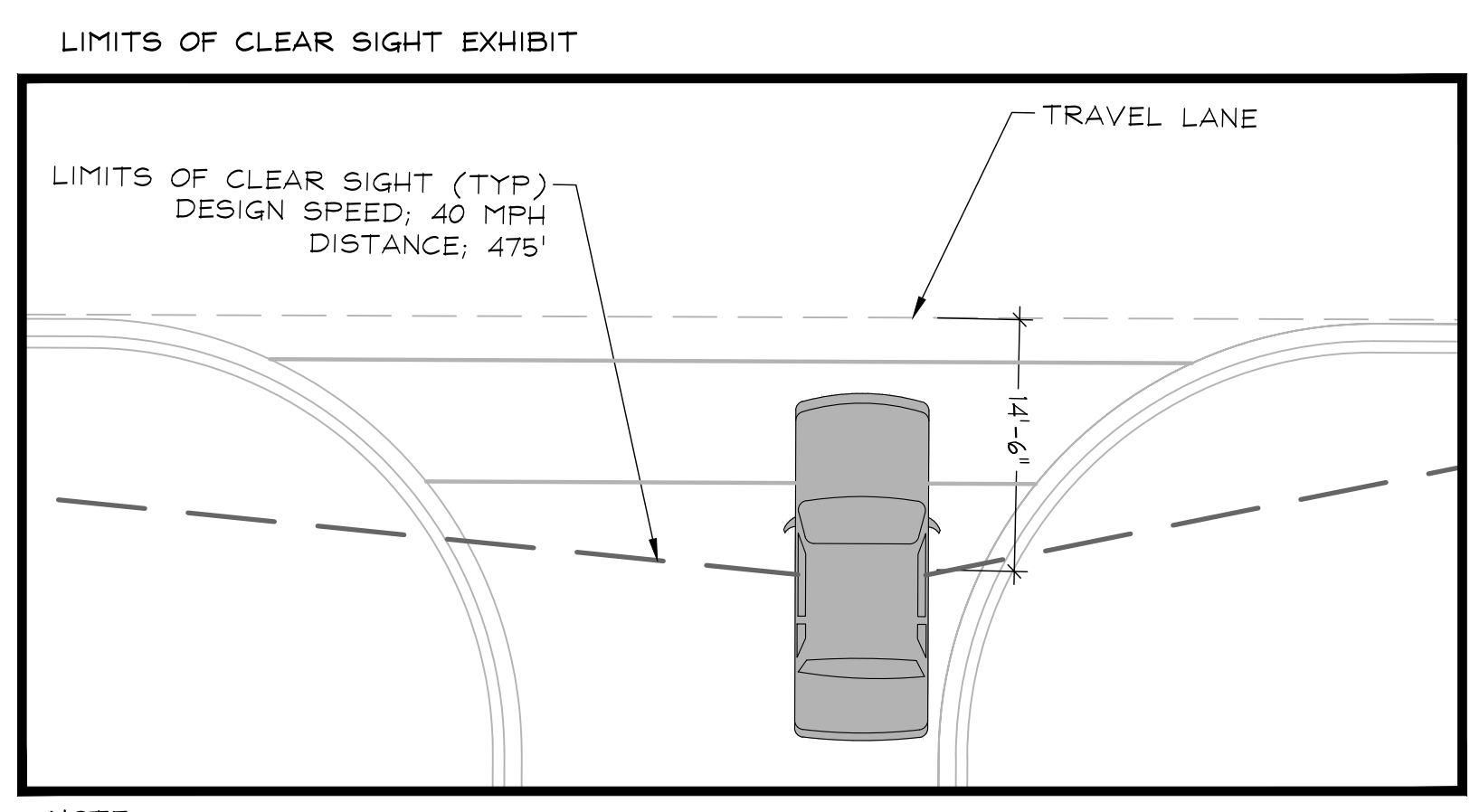
DATE: 07/01/2021
DESIGNED BY: AS
CHECKED BY: SHOWN
FIELD BOOK:

CITY OF FORT LAUDERDALE
TRANSPORTATION & MOBILITY
250 NE 3RD AVE., FORT LAUDERDALE, FL 33301

NO.	DATE	BY	CHKD	DESCRIPTION

PROJECT # 12557
NE 4TH AVENUE STREETSCAPE PROJECT
E SUNRISE BLVD TO NE 13TH ST
FORT LAUDERDALE, FL
LANDSCAPE PLAN

SHEET NO.
L3.07



NOTE:
ALL LIMITS OF CLEAR SIGHT ORIGIN AT 14.5' BEHIND THE TRAVEL LANE PER FDOT DESIGN MANUAL SEC: 212.11

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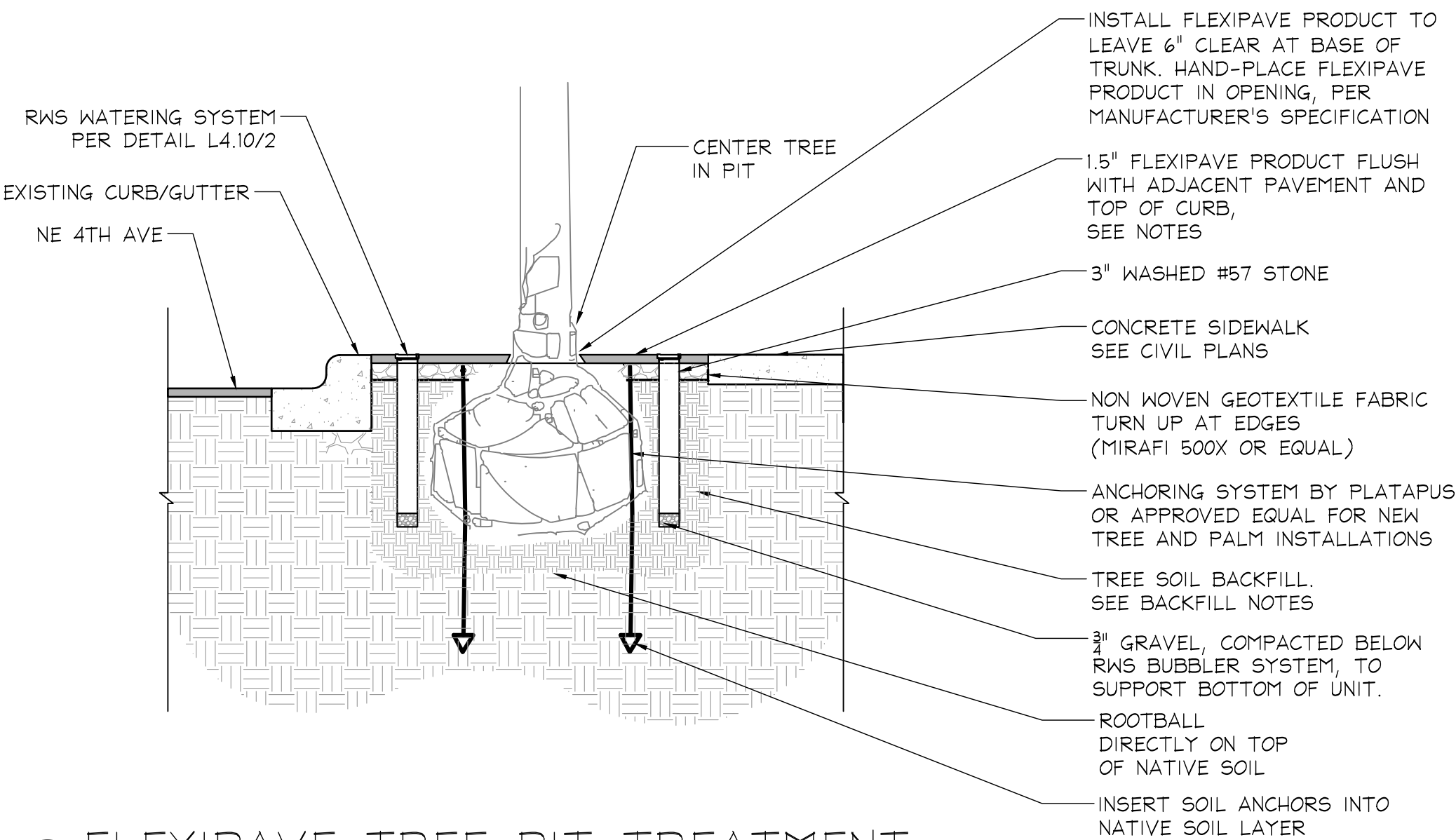
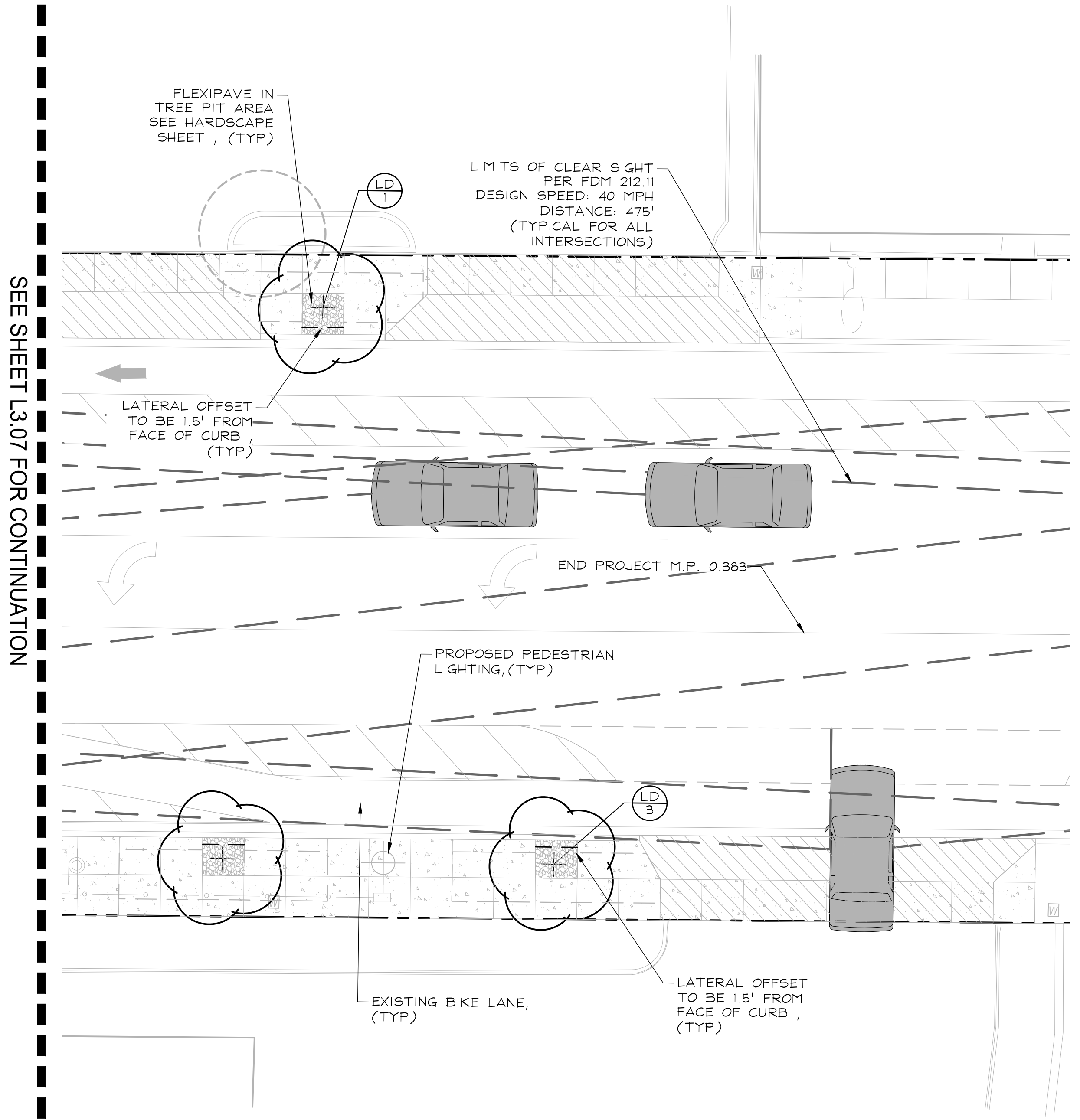
NO.	DATE	BY	CHK'D	DESCRIPTION

PLANT SCHEDULE

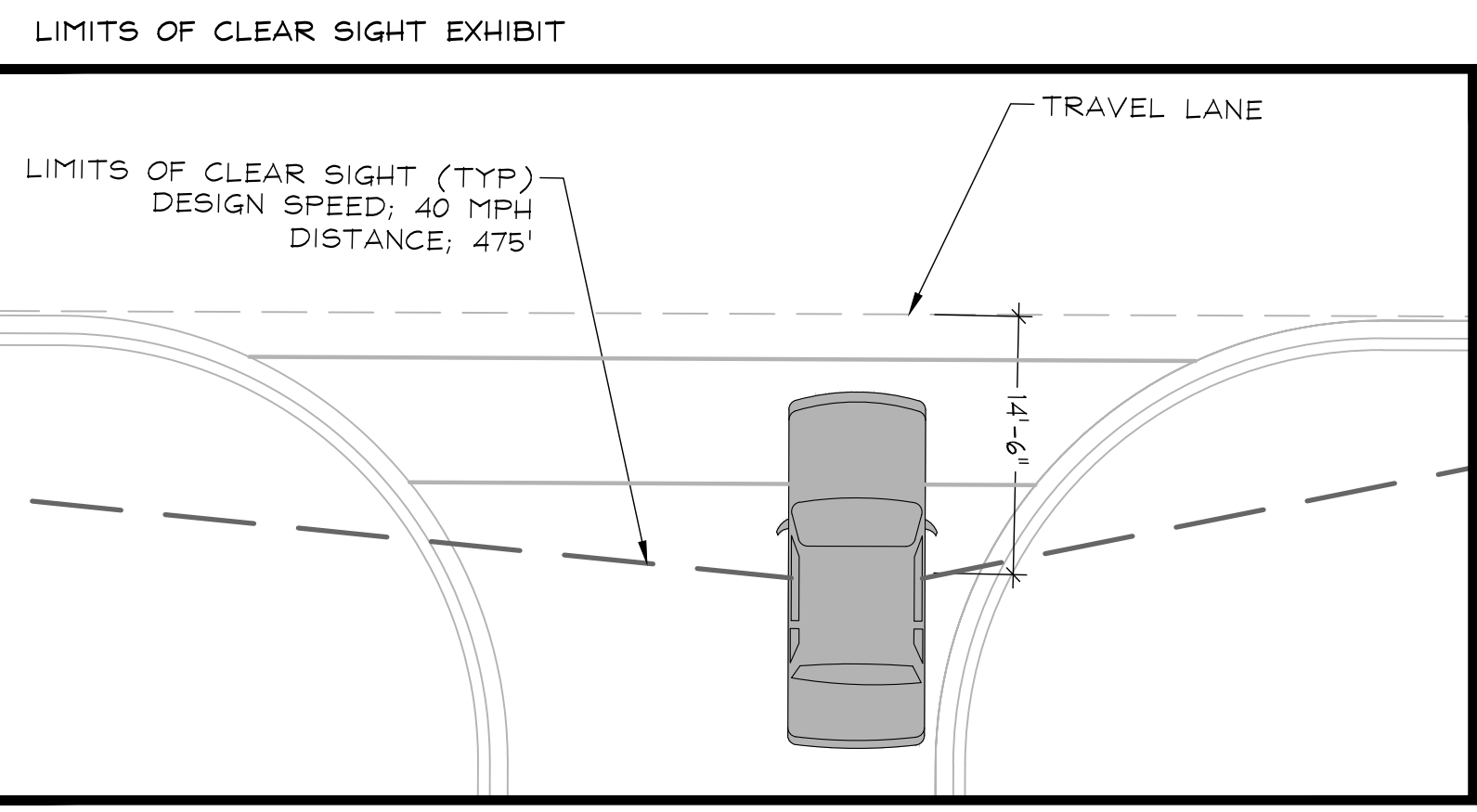
TREES	BOTANICAL NAME	COMMON NAME	CONT.	CAL.	SIZE	QTY
LA	Lagerstroemia 'Muskogee' 8' CT, Standard	Muskogee Grape Myrtle	Cont.	4" Cal.	18' HT x 7' SPR	4
LD	Lagerstroemia 'Natchez' 8' CT, Standard	Natchez Grape Myrtle	Cont.	4" Cal.	18' HT x 7' SPR	6
QV	Quercus virginiana 'High Rise' 8' CT	High Rise Live Oak	B # B / CONT.	8" Cal.	22' HT x 10' SPR	6
VA	Veitchia azevina Single Trunk, 10' GW MIN.	Montgomery Palm	F.G.		18' GW	3

PLANTING NOTES:

- CONTRACTOR SHALL REFER TO THE LANDSCAPE PLANTING DETAILS, PLANT LIST, GENERAL NOTES AND ALL CONTRACT DOCUMENTS FOR FURTHER AND COMPLETE INSTRUCTIONS.
- PLANT LIST QUANTITIES ARE PROVIDED FOR CONVENIENCE. IN THE EVENT OF QUANTITY DISCREPANCIES THE DRAWING SHALL TAKE PRECEDENCE. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO BIDDING.
- PLANT SIZES LISTED ARE THE MINIMUM SIZE THAT WILL BE ACCEPTED FOR THAT PLANT.
- ANY SUBSTITUTION IN SIZE AND/OR PLANT MATERIAL MUST BE APPROVED BY THE LANDSCAPE ARCHITECT IN WRITING. ALL PLANTS WILL BE SUBJECT TO APPROVAL BY LANDSCAPE ARCHITECT AND/OR OWNERS REPRESENTATIVE BEFORE PLANTING CAN BEGIN.
- CONTRACTOR SHALL FIELD ADJUST LOCATION OF PLANT MATERIAL AS NECESSARY TO AVOID DAMAGE TO EXISTING UNDERGROUND UTILITIES AND/OR INTERFERE WITH EXISTING ABOVE GROUND ELEMENTS. ALL CHANGES REQUIRED SHALL BE COMPLETED AT THE CONTRACTOR'S EXPENSE AND SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE AND THE LANDSCAPE ARCHITECT.
- THE CONTRACTOR SHALL BEAR ALL COSTS OF TESTING OF SOILS, AMENDMENTS, ETC. ASSOCIATED WITH THE WORK AND INCLUDED IN THE SPECIFICATIONS.
- CONTRACTOR SHALL FAMILIARIZE HIM/HERSELF WITH THE LIMITS OF WORK AND EXISTING CONDITIONS AND VERIFY ALL INFORMATION. IF DISCREPANCIES EXIST, CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE IN WRITING WITHIN SEVEN CALENDAR DAYS OF NOTICE TO PROCEED.
- ALL NEW AND TRANSPLANTED PLANT MATERIAL SHALL BE IRRIGATED BY AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM.



A FLEXIPAVE TREE PIT TREATMENT SECTION



NOTE: EXISTING SHRUB AND GROUND COVER PLANTINGS LOCATED WITHIN CLEAR SIGHT LIMIT INDICATED TO REMAIN SHALL BE TRIMMED 12" FROM BACK OF CURB AND MAINTAINED HEIGHT NOT TO EXCEED 18". ALL TREES AND PALMS TO BE MAINTAINED WITH 8' OF CLEAR TRUNK.

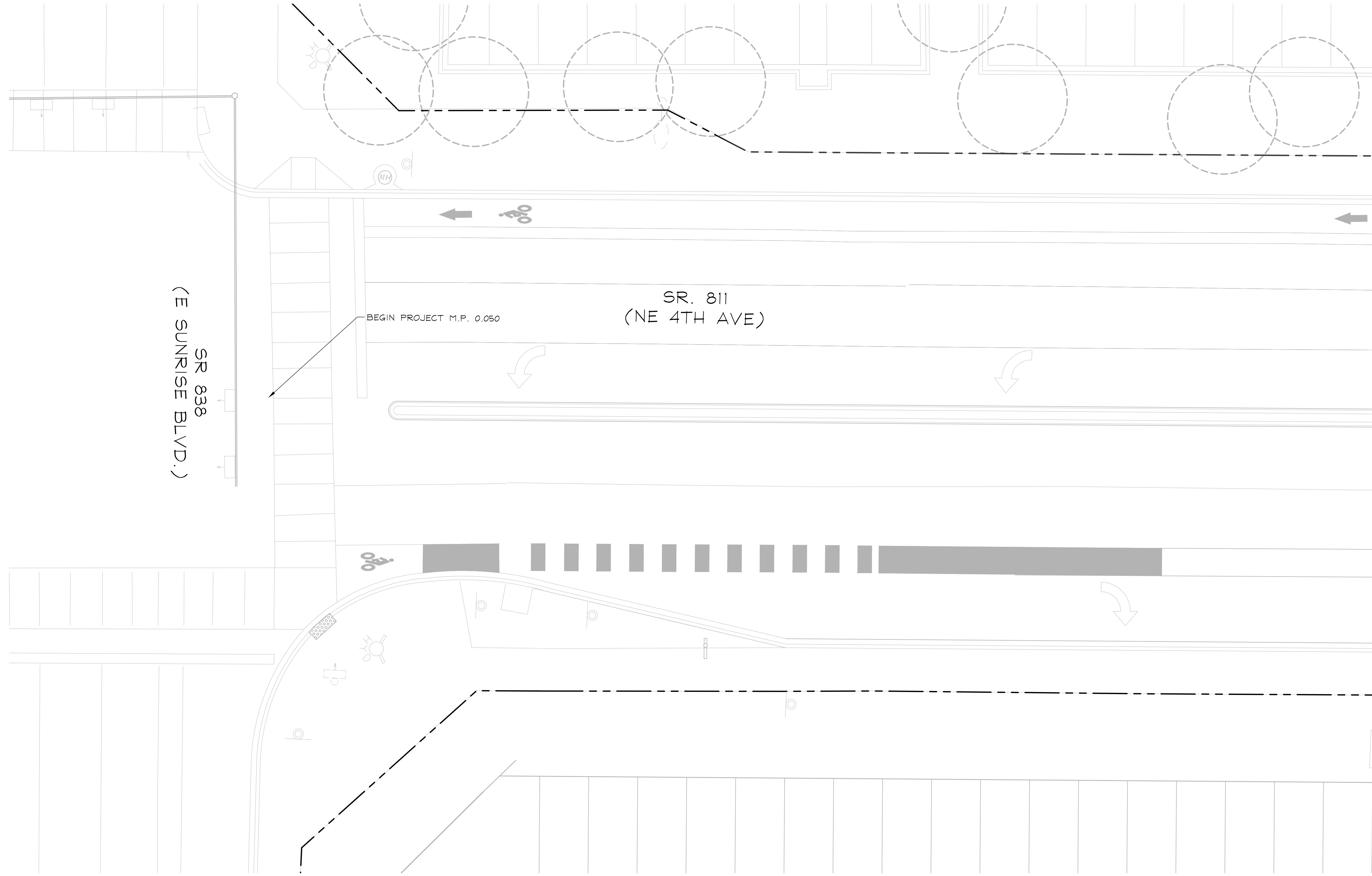
NOTE: THE FDOT REQUIRES A 14.5' VERTICAL CLEARANCE ABOVE ROADWAYS AND ALSO REQUIRES AN 8.5' VERTICAL CLEARANCE ABOVE WALKWAYS.

NOTE: SECTION 7-1.4: COMPLIANCE WITH FEDERAL ENDANGERED SPECIES ACT AND OTHER WILDLIFE REGULATIONS OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION MANUAL SHOULD BE ADHERED TO FOR WILDLIFE INVOLVEMENT DURING CONSTRUCTION.

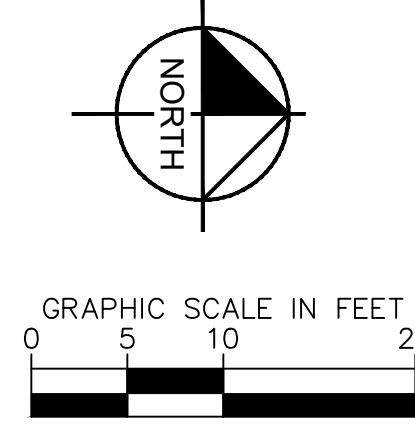
NOTE:
ALL LIMITS OF CLEAR SIGHT ORIGIN AT 14.5' BEHIND THE TRAVEL LANE PER FDOT DESIGN MANUAL SEC. 212.11

SEE SHEET L3.07 FOR CONTINUATION

Plotted By: Hicks Jr., Darryl Sheet Set: NE 4th Avenue Layout: L4.00 IRRIGATION PLAN October 25, 2021 01:54:34pm K:\WPB JURC\043184061 - NE 4th AVE FTL\CAD\Plansheets\L4.00 IRRIGATION PLAN.dwg



NO PROPOSED IMPROVEMENTS, THIS SHEET



SEE SHEET L4.01 FOR CONTINUATION

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WEST PALM BEACH, FL 33411
PHONE: 561-845-0565 FAX: 561-330-2245
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STATE LICENSE NUMBER
LA #6666795
10/19/2021

DRAWN BY: DATE: 07/01/2021
DESIGNED BY: SCALE: AS SHOWN
CHECKED BY: FIELD BOOK:

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TRANSPORTATION & MOBILITY
250 NE 3RD AVE, FORT LAUDERDALE, FL 33301

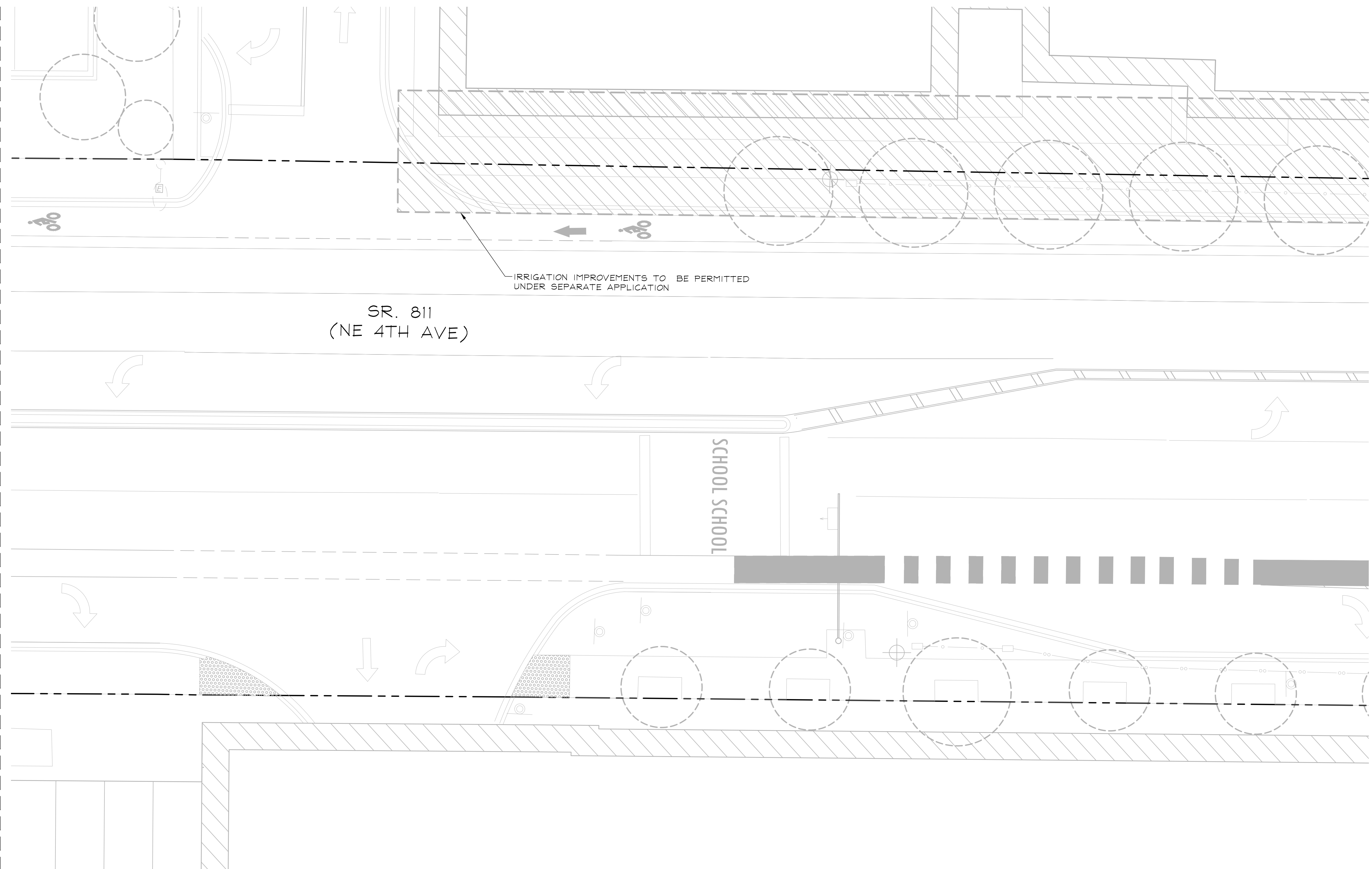
NO.	DATE	BY	CHK'D	DESCRIPTION

PROJECT # 12557
NE 4TH AVENUE STREETSCAPE PROJECT
E SUNRISE BLVD TO NE 13TH ST
FORT LAUDERDALE, FL
IRRIGATION PLAN

SHEET NO.
L4.00

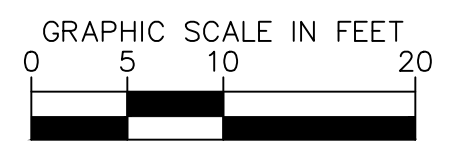
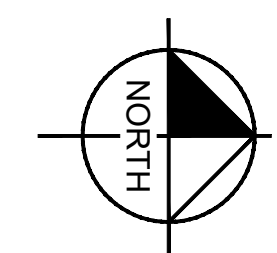
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SEE SHEET L4.02 FOR CONTINUATION



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 PHONE: 561-845-0665 FAX: 561-330-2245
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 TRANSPORTATION & MOBILITY

250 NE 3RD AVE., FORT LAUDERDALE, FL 33301

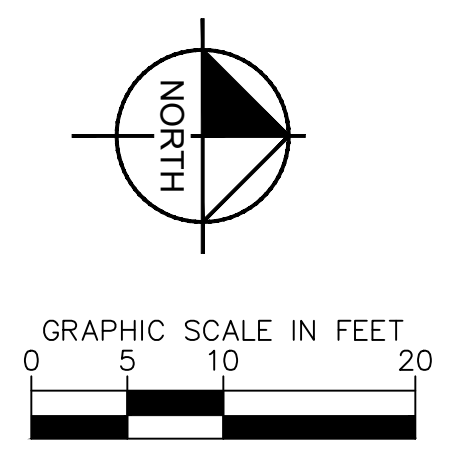
NO.	DATE	BY	CHK'D	DESCRIPTION

PROJECT # 12557
 NE 4TH AVENUE STREETSCAPE PROJECT
 E SUNRISE BLVD TO NE 13TH ST
 FORT LAUDERDALE, FL
 IRRIGATION PLAN

SHEET NO.
L4.01

Plotted By: Hicks Jr., Darryl Sheet Set: NE 4th Avenue Layout: L4.02 IRRIGATION PLAN October 25, 2021 01:54:42pm K:\WPB JURCO\043184061 - NE 4th AVE FTL\CAD\Plansheets\L4.00 IRRIGATION PLAN.dwg

PLAN IS DIAGRAMMATIC.
CONTRACTOR SHALL
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EQUIPMENT IN LANDSCAPE
OR TURF AREAS WITHIN
PROJECT LIMITS.



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WEST PALM BEACH, FL 33411
PHONE: 561-845-0665 FAX:
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&
MOBILITY
290 NE 3RD AVE, FORT LAUDERDALE, FL 33301

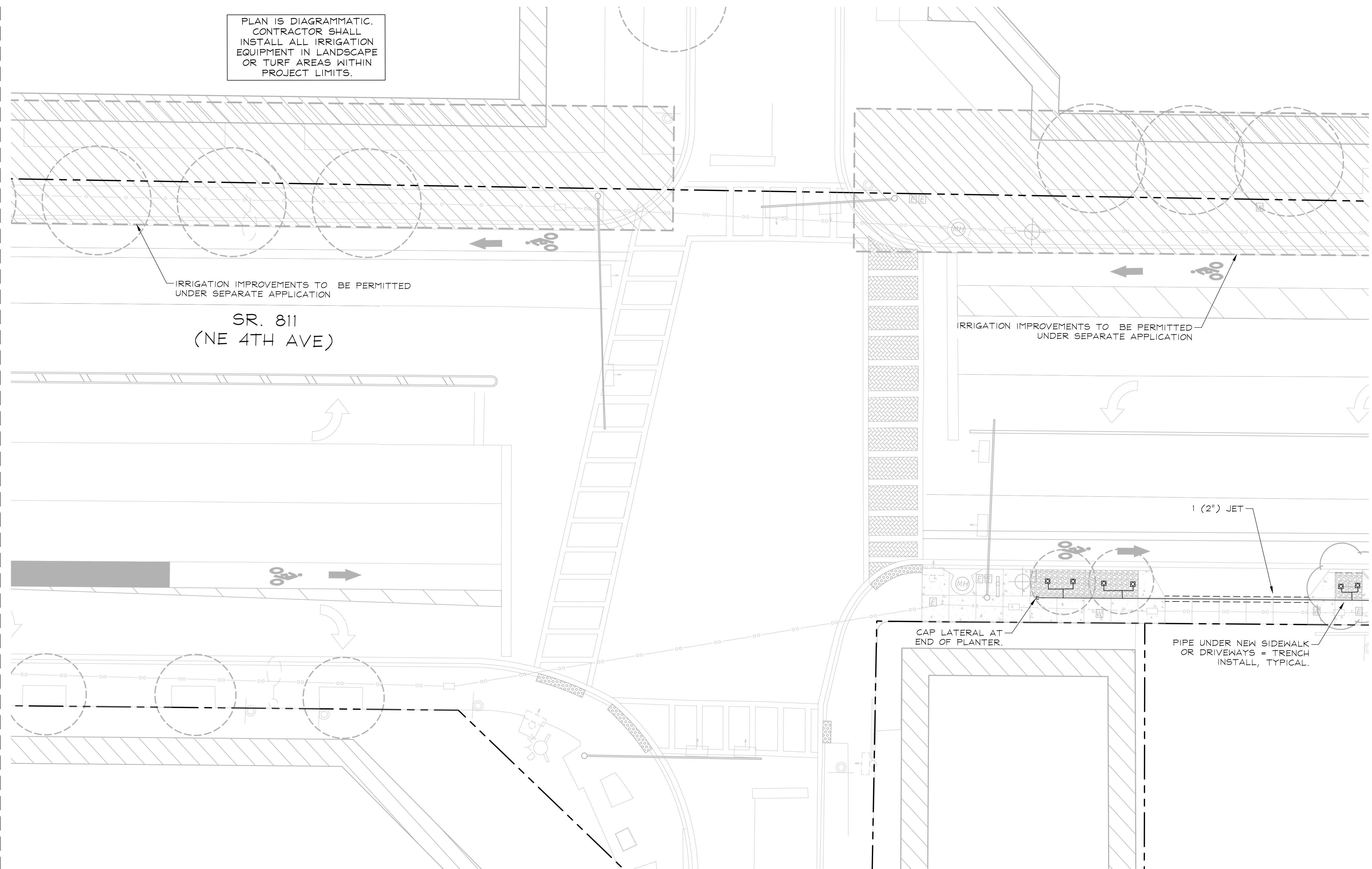
NO.	DATE	BY	CHK'D	DESCRIPTION

PROJECT # 12557
NE 4TH AVENUE STREETSCAPE PROJECT
E SUNRISE BLVD TO NE 13TH ST
FORT LAUDERDALE, FL
IRRIGATION PLAN

SHEET NO.
L4.02

SEE SHEET L4.01 FOR CONTINUATION

SEE SHEET L4.03 FOR CONTINUATION



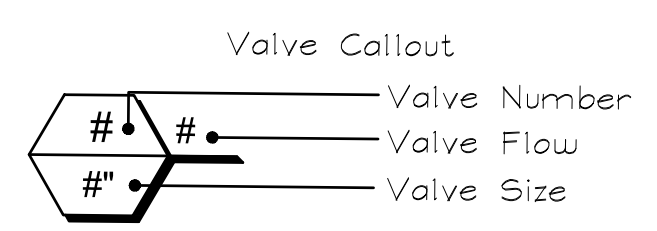
IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL
▲ 1401 1402 ▲ 1404 1408	Rain Bird RWS-B-C 1401

SYMBOL	MANUFACTURER/MODEL
☉	Rain Bird PESB
⊖	Backflow Preventer 1"
⊖ ₂	Backflow Preventer 1"
⊖ ₃	Backflow Preventer 1"
□	K-Rain BL-KRI

- Irrigation Lateral Line: PVC Schedule 40
- - - Irrigation Mainline: PVC Schedule 40
- - - - - Pipe Sleeve: See Sleeve Legend

SLEEVE LEGEND:
HDD = HORIZONTAL DIRECTIONAL DRILL (HDPE PIPE)
IR = REMOVE AND REPLACE SIDEWALK, TRENCH SLEEVES IN PLACE (PVC SCH 40)
JET = MISSLE BORE OR WATER JET SLEEVE UNDER SIDEWALK (PVC SCH 40)
(X) X" XXX
— SLEEVE TYPE (SEE ABOVE)
— SLEEVE SIZE
— NUMBER OF SLEEVES

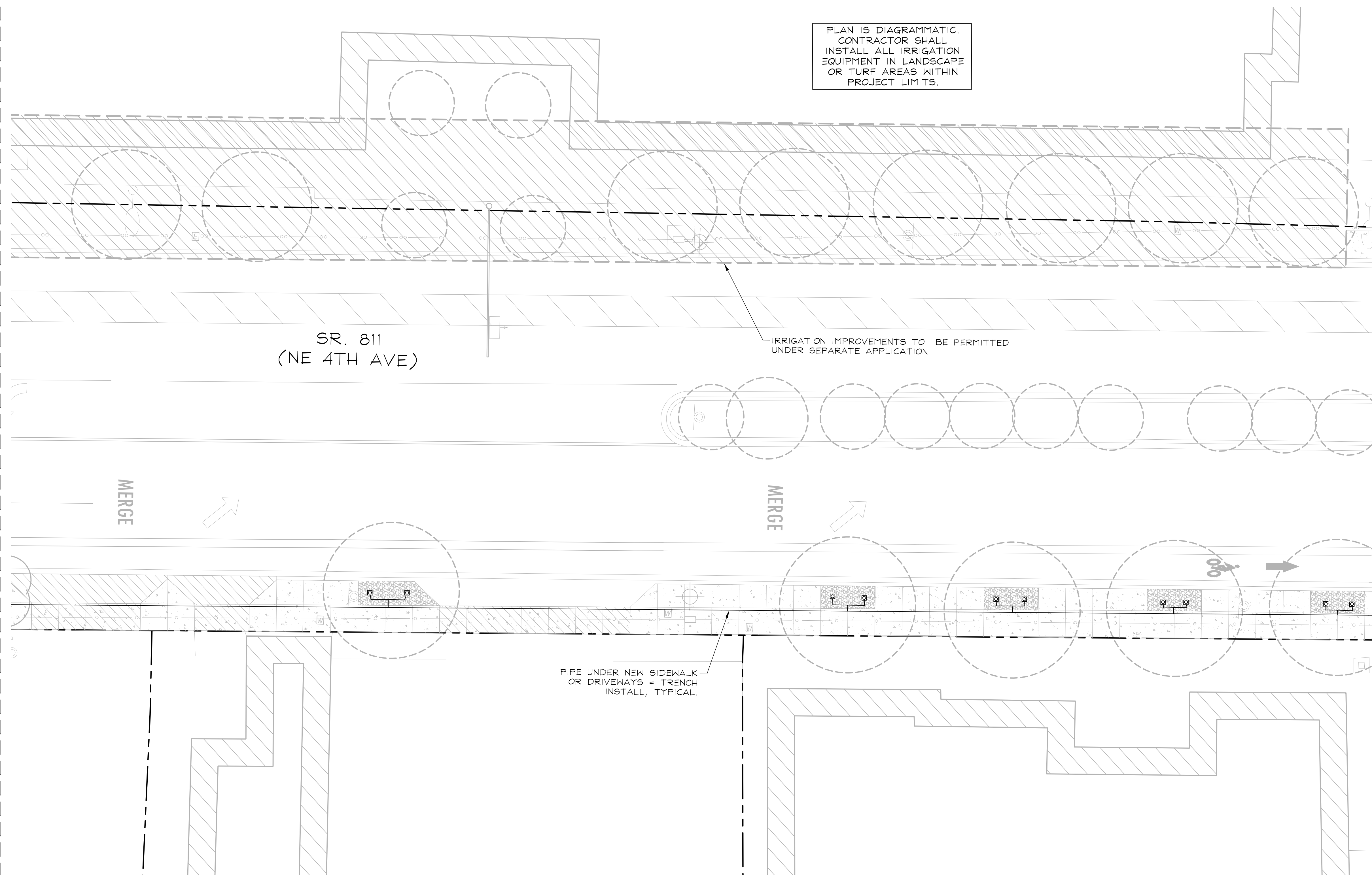


- FDOT IRRIGATION NOTES:**
1. FDOT REQUIRES 24-HOUR EMERGENCY ACCESS TO WATER SOURCE.
 2. CONTRACTOR SHALL PROVIDE FDOT DISTRICT OPERATIONS MANAGER WITH A SET OF "AS-BUILT" IRRIGATION PLANS.

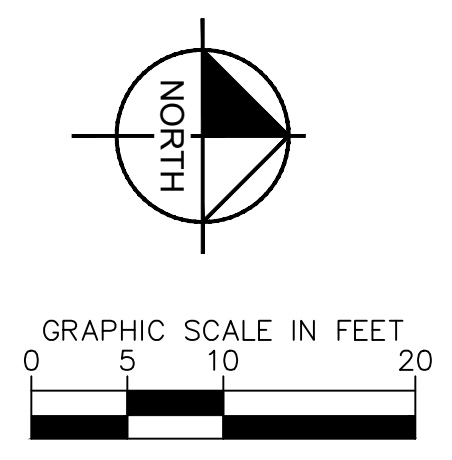
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SEE SHEET L4.02 FOR CONTINUATION

SEE SHEET L4.04 FOR CONTINUATION



PLAN IS DIAGRAMMATIC.
CONTRACTOR SHALL
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EQUIPMENT IN LANDSCAPE
OR TURF AREAS WITHIN
PROJECT LIMITS.



IRRIGATION SCHEDULE

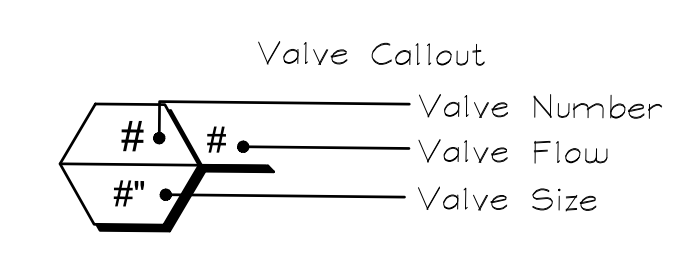
SYMBOL	MANUFACTURER/MODEL
▲ 1401 1402 ▲ 1404 1408	Rain Bird RWS-B-C 1401

SYMBOL	MANUFACTURER/MODEL
☉	Rain Bird PESB
BP	Backflow Preventer 1"
BP2	Backflow Preventer 1"
BP3	Backflow Preventer 1"
C	K-Rain BL-KRI

- Irrigation Lateral Line: PVC Schedule 40
- - - Irrigation Mainline: PVC Schedule 40
- - - - - Pipe Sleeve: See Sleeve Legend

SLEEVE LEGEND:
HDD = HORIZONTAL DIRECTIONAL DRILL (HDPE PIPE)
IR = REMOVE AND REPLACE SIDEWALK, TRENCH SLEEVES IN PLACE (PVC SCH 40)
JET = MISSILE BORE OR WATER JET SLEEVE UNDER SIDEWALK (PVC SCH 40)

(X) X" XXX
— SLEEVE TYPE (SEE ABOVE)
— SLEEVE SIZE
— NUMBER OF SLEEVES



- FDOT IRRIGATION NOTES:**
1. FDOT REQUIRES 24-HOUR EMERGENCY ACCESS TO WATER SOURCE.
 2. CONTRACTOR SHALL PROVIDE FDOT DISTRICT OPERATIONS MANAGER WITH A SET OF "AS-BUILT" IRRIGATION PLANS.

Kimley Horn
1920 WEKIVA WAY #200
WEST PALM BEACH, FL 33411
PHONE: 561-845-0665 FAX: 561-330-2245
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STATE LICENSE NUMBER
LA #6666795
10/19/2021

DRAWN BY: DATE: 07/01/2021
DESIGNED BY: SCALE: AS SHOWN
CHECKED BY:
FIELD BOOK:

CITY OF FORT LAUDERDALE
TRANSPORTATION & MOBILITY
250 NE 3RD AVE, FORT LAUDERDALE, FL 33301

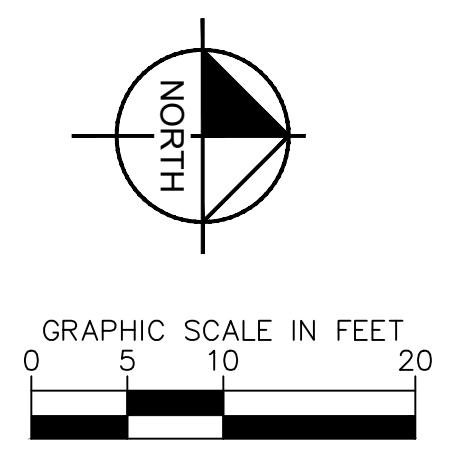
NO.	DATE	BY	CHK'D	DESCRIPTION

PROJECT # 12557
NE 4TH AVENUE STREETSCAPE PROJECT
E SUNRISE BLVD TO NE 13TH ST
FORT LAUDERDALE, FL
IRRIGATION PLAN

SHEET NO.
L4.03

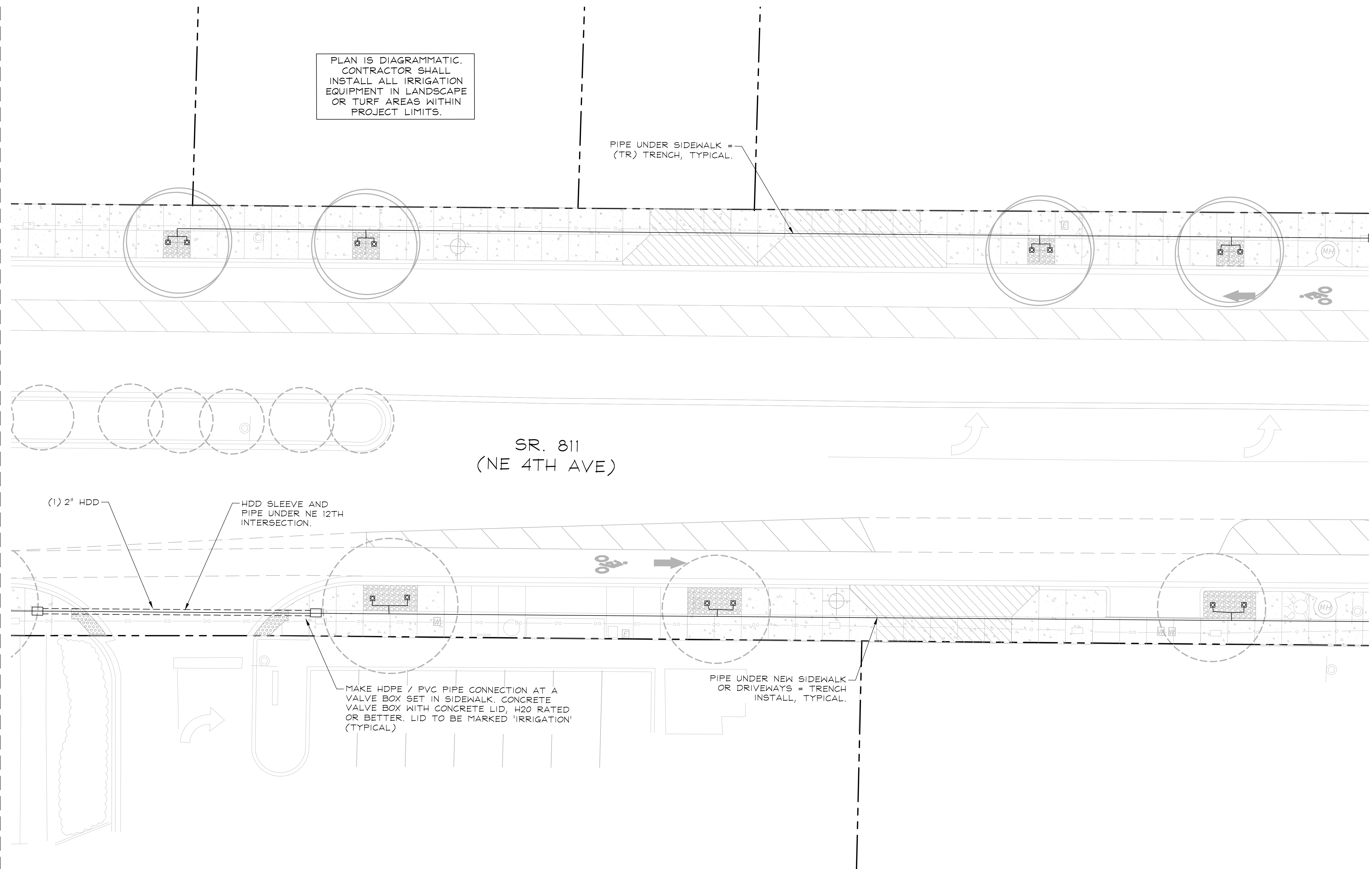
PLAN IS DIAGRAMMATIC.
CONTRACTOR SHALL
INSTALL ALL IRRIGATION
EQUIPMENT IN LANDSCAPE
OR TURF AREAS WITHIN
PROJECT LIMITS.

PIPE UNDER SIDEWALK =
(TR) TRENCH, TYPICAL.



SEE SHEET L4.03 FOR CONTINUATION

SEE SHEET L4.05 FOR CONTINUATION



SR. 811
(NE 4TH AVE)

(1) 2" HDD
HDD SLEEVE AND
PIPE UNDER NE 12TH
INTERSECTION.

MAKE HDPE / PVC PIPE CONNECTION AT A
VALVE BOX SET IN SIDEWALK. CONCRETE
VALVE BOX WITH CONCRETE LID, H2O RATED
OR BETTER. LID TO BE MARKED 'IRRIGATION'
(TYPICAL)

PIPE UNDER NEW SIDEWALK
OR DRIVEWAYS = TRENCH
INSTALL, TYPICAL.

IRRIGATION SCHEDULE

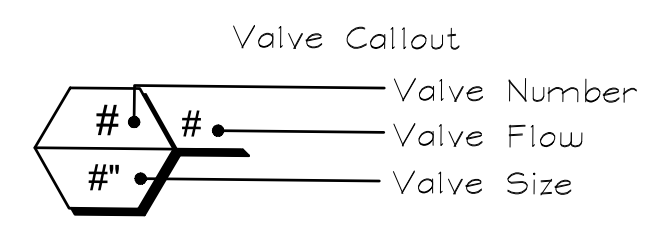
SYMBOL	MANUFACTURER/MODEL
▲ 1401 1402 ▲ 1404 1408	Rain Bird RWS-B-C 1401

SYMBOL	MANUFACTURER/MODEL
☉	Rain Bird PESB
BP	Backflow Preventer 1"
BP2	Backflow Preventer 1"
BP3	Backflow Preventer 1"
C	K-Rain BL-KRI

- Irrigation Lateral Line: PVC Schedule 40
- Irrigation Mainline: PVC Schedule 40
- - - - - Pipe Sleeve: See Sleeve Legend

SLEEVE LEGEND:
 HDD = HORIZONTAL DIRECTIONAL DRILL (HDPE PIPE)
 TR = REMOVE AND REPLACE SIDEWALK, TRENCH
 SLEEVES IN PLACE (PVC SCH 40)
 JET = MISSILE BORE OR WATER JET SLEEVE UNDER
 SIDEWALK (PVC SCH 40)

(X) X" XXX
 SLEEVE TYPE (SEE ABOVE)
 SLEEVE SIZE
 NUMBER OF SLEEVES



- FDOT IRRIGATION NOTES:**
1. FDOT REQUIRES 24-HOUR EMERGENCY ACCESS TO WATER SOURCE.
 2. CONTRACTOR SHALL PROVIDE FDOT DISTRICT OPERATIONS MANAGER WITH A SET OF "AS-BUILT" IRRIGATION PLANS.

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Kimley Horn
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 WEST PALM BEACH, FL 33411
 PHONE: 561-845-0665 FAX: 561-330-2245
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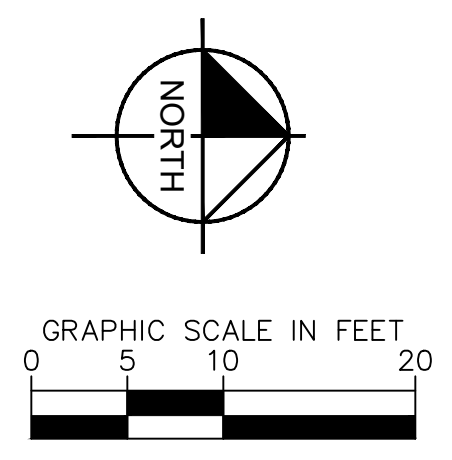
 250 NE 3RD AVE, FORT LAUDERDALE, FL 33301

NO.	DATE	BY	CHK'D	DESCRIPTION

PROJECT # 12557
 NE 4TH AVENUE STREETSCAPE PROJECT
 E SUNRISE BLVD TO NE 13TH ST
 FORT LAUDERDALE, FL
 IRRIGATION PLAN

SHEET NO.
L4.04

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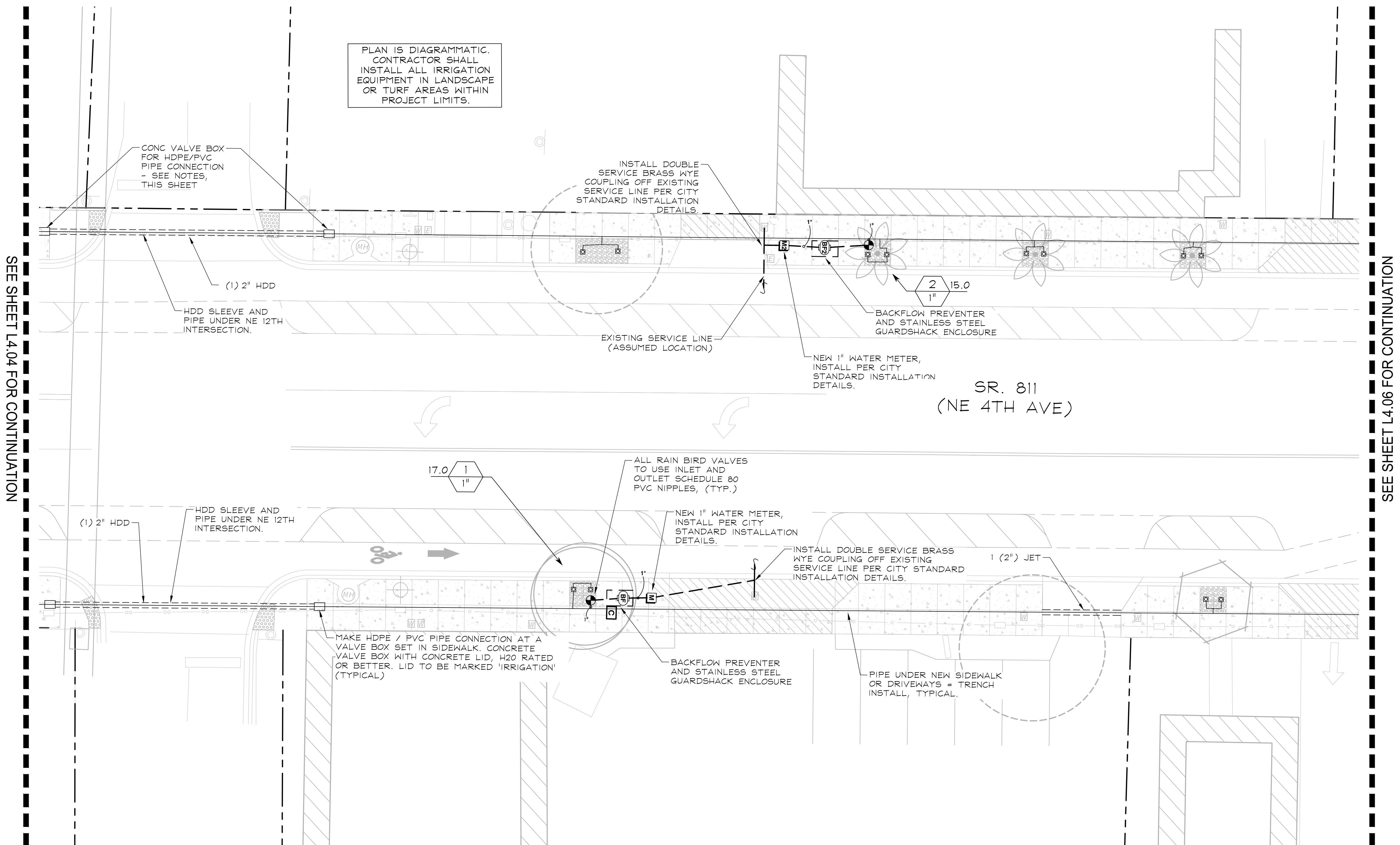
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 TRANSPORTATION & MOBILITY

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NO.	DATE	BY	CHK'D	DESCRIPTION

PROJECT # 12557
 NE 4TH AVENUE STREETSCAPE PROJECT
 E SUNRISE BLVD TO NE 13TH ST
 FORT LAUDERDALE, FL
 IRRIGATION PLAN

SHEET NO.
L4.05



PLAN IS DIAGRAMMATIC.
 CONTRACTOR SHALL
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 EQUIPMENT IN LANDSCAPE
 OR TURF AREAS WITHIN
 PROJECT LIMITS.

SEE SHEET L4.04 FOR CONTINUATION

SEE SHEET L4.06 FOR CONTINUATION

IRRIGATION SCHEDULE

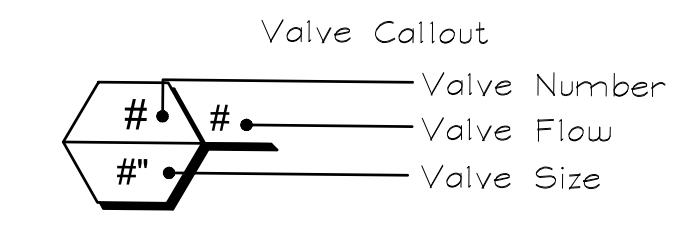
SYMBOL	MANUFACTURER/MODEL
	Rain Bird RWS-B-C 1401

SYMBOL	MANUFACTURER/MODEL
	Rain Bird PESB
	Backflow Preventer 1"
	Backflow Preventer 1"
	Backflow Preventer 1"
	K-Rain BL-KRI

- Irrigation Lateral Line: PVC Schedule 40
- Irrigation Mainline: PVC Schedule 40
- Pipe Sleeve: See Sleeve Legend

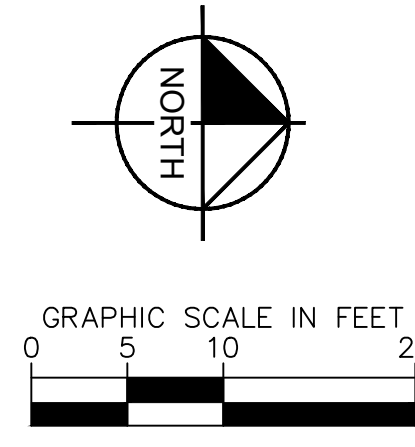
SLEEVE LEGEND:
 HDD = HORIZONTAL DIRECTIONAL DRILL (HDPE PIPE)
 IR = REMOVE AND REPLACE SIDEWALK, TRENCH SLEEVES IN PLACE (PVC SCH 40)
 JET = MISSLE BORE OR WATER JET SLEEVE UNDER SIDEWALK (PVC SCH 40)

(X) X" XXX
 SLEEVE TYPE (SEE ABOVE)
 SLEEVE SIZE
 NUMBER OF SLEEVES



- FDOT IRRIGATION NOTES:**
- FDOT REQUIRES 24-HOUR EMERGENCY ACCESS TO WATER SOURCE.
 - CONTRACTOR SHALL PROVIDE FDOT DISTRICT OPERATIONS MANAGER WITH A SET OF "AS-BUILT" IRRIGATION PLANS.


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NO.	DATE	BY	CHK'D	DESCRIPTION

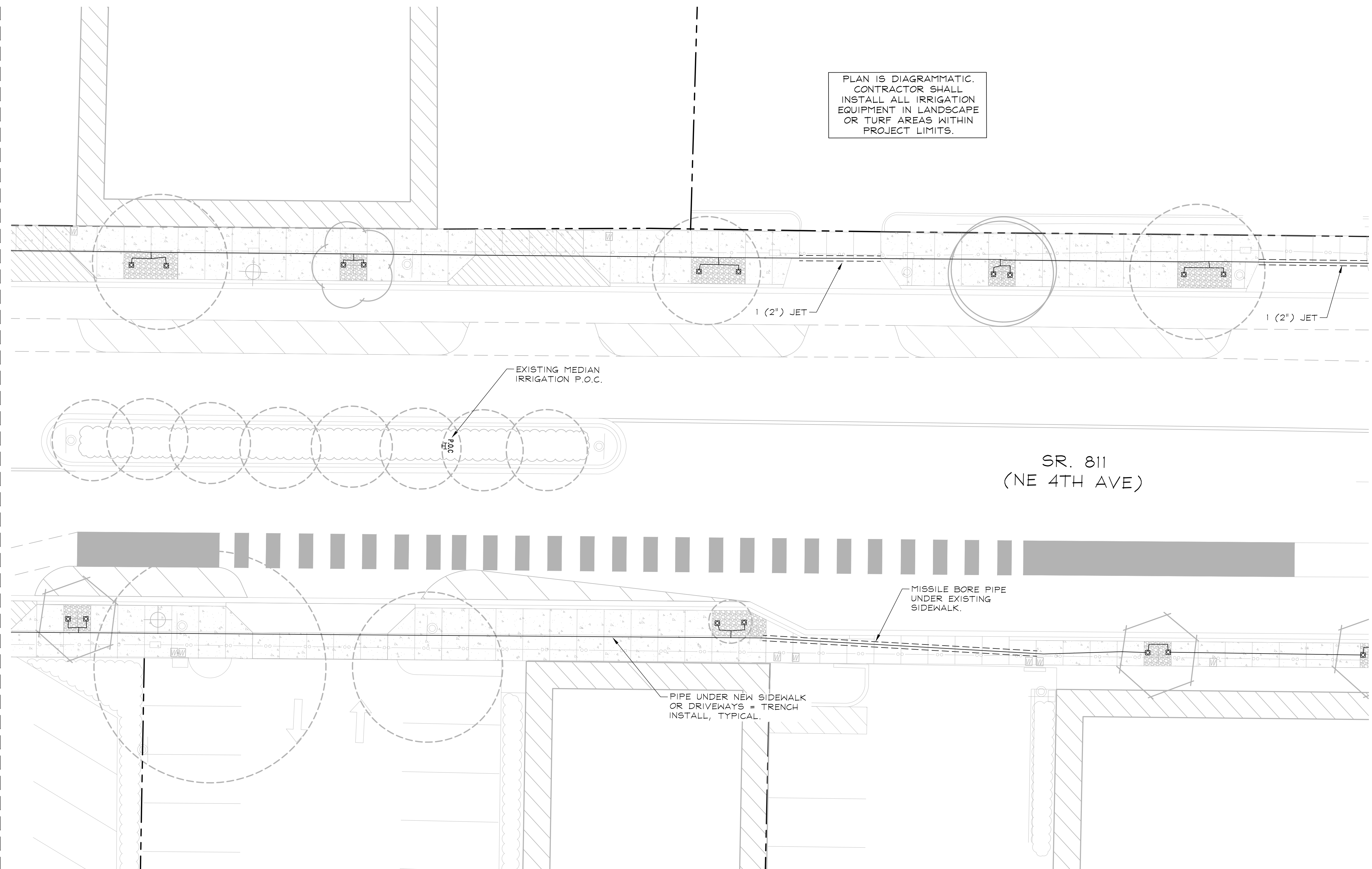
PROJECT # 12557
 NE 4TH AVENUE STREETSCAPE PROJECT
 E SUNRISE BLVD TO NE 13TH ST
 FORT LAUDERDALE, FL
 IRRIGATION PLAN

SHEET NO.
L4.06

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 CONTRACTOR SHALL
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 EQUIPMENT IN LANDSCAPE
 OR TURF AREAS WITHIN
 PROJECT LIMITS.

SEE SHEET L4.05 FOR CONTINUATION

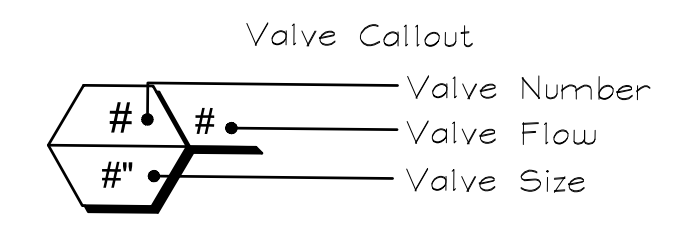
SEE SHEET L4.07 FOR CONTINUATION



IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL
	Rain Bird RWS-B-C 1401
	Rain Bird PESB
	Backflow Preventer 1"
	Backflow Preventer 1"
	Backflow Preventer 1"
	K-Rain BL-KRI
	Irrigation Lateral Line: PVC Schedule 40
	Irrigation Mainline: PVC Schedule 40
	Pipe Sleeve: See Sleeve Legend

SLEEVE LEGEND:
 HDD = HORIZONTAL DIRECTIONAL DRILL (HDPE PIPE)
 IR = REMOVE AND REPLACE SIDEWALK, TRENCH SLEEVES IN PLACE (PVC SCH 40)
 JET = MISSILE BORE OR WATER JET SLEEVE UNDER SIDEWALK (PVC SCH 40)
 (X) X" XXX
 SLEEVE TYPE (SEE ABOVE)
 SLEEVE SIZE
 NUMBER OF SLEEVES

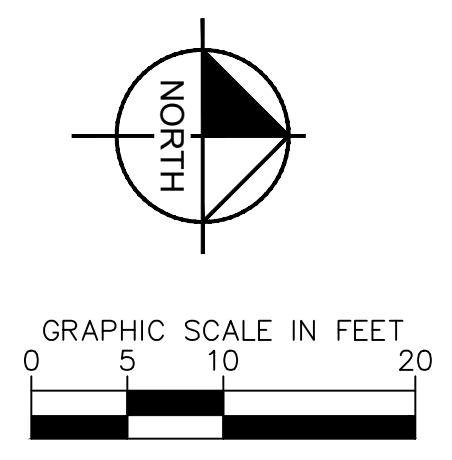
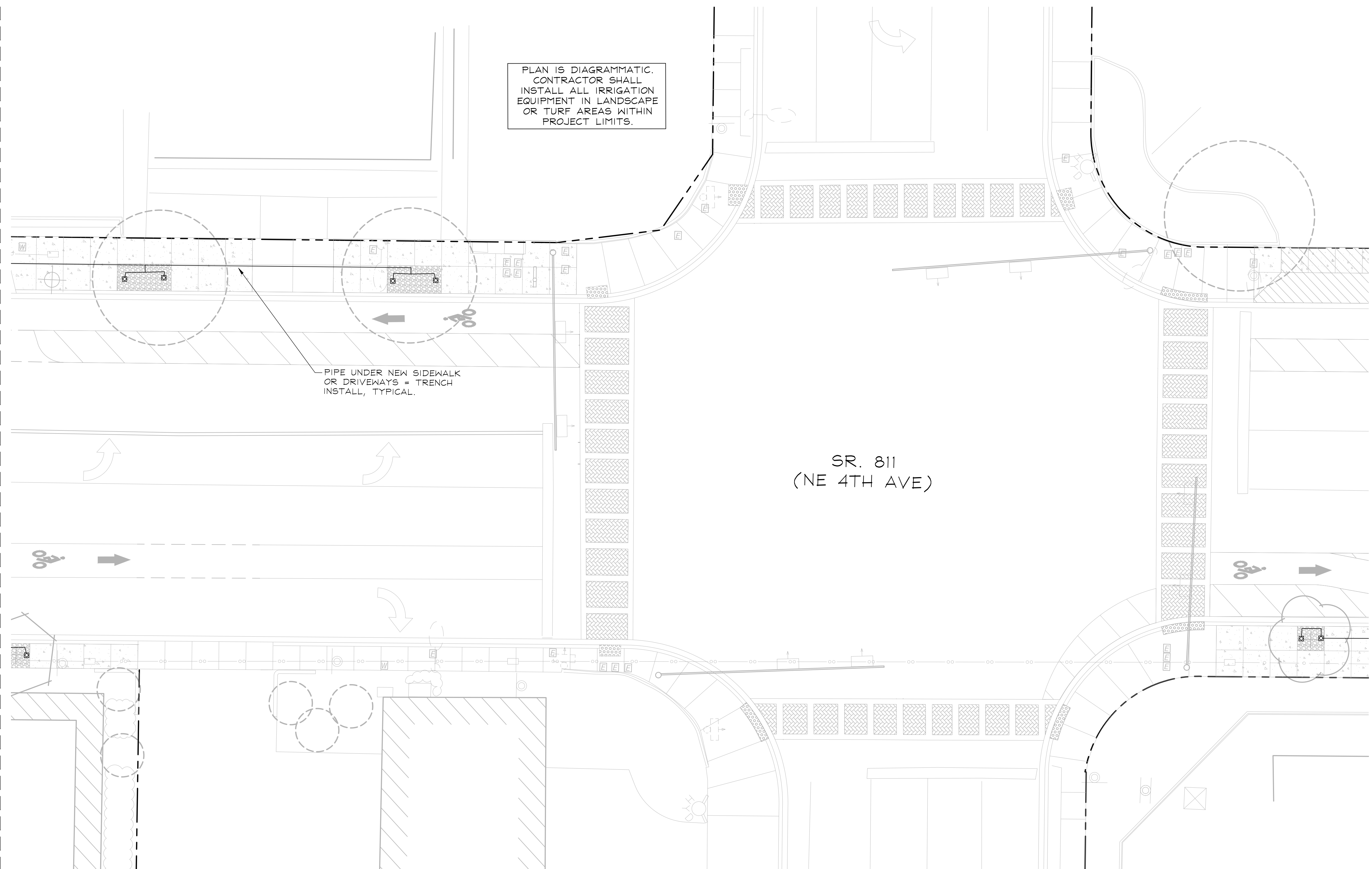


- FDOT IRRIGATION NOTES:**
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Plotted By: Hicks Jr., Darryl Sheet Set: NE 4th Avenue Layout: L4.07 IRRIGATION PLAN October 25, 2021 01:55:14pm K:\WPB_LURC\04318-001 - NE 4th AVE FTL\CAD\Plansheets\L4.00 IRRIGATION PLAN.dwg

SEE SHEET L4.06 FOR CONTINUATION

SEE SHEET L4.08 FOR CONTINUATION



IRRIGATION SCHEDULE

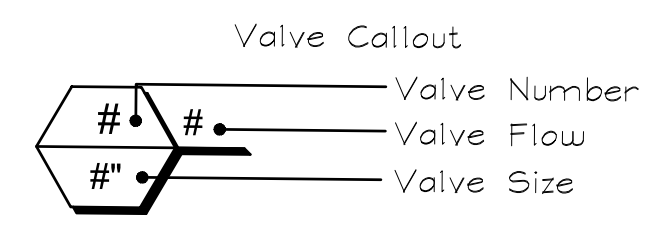
SYMBOL	MANUFACTURER/MODEL
▲ 1401 1402 ▲ 1404 1408	Rain Bird RWS-B-C 1401

SYMBOL	MANUFACTURER/MODEL
☉	Rain Bird PESB
BP	Backflow Preventer 1"
BP2	Backflow Preventer 1"
BP3	Backflow Preventer 1"
C	K-Rain BL-KRI

- Irrigation Lateral Line: PVC Schedule 40
- - - Irrigation Mainline: PVC Schedule 40
- - - - - Pipe Sleeve: See Sleeve Legend

SLEEVE LEGEND:
 HDD = HORIZONTAL DIRECTIONAL DRILL (HDPE PIPE)
 IR = REMOVE AND REPLACE SIDEWALK, TRENCH SLEEVES IN PLACE (PVC SCH 40)
 JET = MISSILE BORE OR WATER JET SLEEVE UNDER SIDEWALK (PVC SCH 40)

(X) X" XXX
 SLEEVE TYPE (SEE ABOVE)
 SLEEVE SIZE
 NUMBER OF SLEEVES



- FDOT IRRIGATION NOTES:**
1. FDOT REQUIRES 24-HOUR EMERGENCY ACCESS TO WATER SOURCE.
 2. CONTRACTOR SHALL PROVIDE FDOT DISTRICT OPERATIONS MANAGER WITH A SET OF "AS-BUILT" IRRIGATION PLANS.

Kimley»Horn
 1920 WEKIVA WAY #200
 WEST PALM BEACH, FL 33411
 PHONE: 561-845-0665 FAX:
 561-330-2245
 WWW.KIMLEY-HORN.COM
 REGISTRY 698
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 ASSOCIATES, INC.

SEAL:
 JONATHAN D. HAIGH, PLA
 STATE LICENSE NUMBER
 LA #6666795
 10/19/2021

DRAWN BY: DATE: 07/01/2021
 DESIGNED BY: SCALE: AS SHOWN
 CHECKED BY:
 FIELD BOOK:

CITY OF FORT LAUDERDALE
 TRANSPORTATION & MOBILITY

 250 NE 3RD AVE., FORT LAUDERDALE, FL 33301

NO.	REVISIONS		DESCRIPTION
	DATE	BY / CHK'D	

PROJECT # 12557
 NE 4TH AVENUE STREETSCAPE PROJECT
 E SUNRISE BLVD TO NE 13TH ST
 FORT LAUDERDALE, FL
 IRRIGATION PLAN

SHEET NO.
L4.07

NO.	DATE	BY	CHKD	REVISIONS	
				DESCRIPTION	

PROJECT # 12557
 NE 4TH AVENUE STREETSCAPE PROJECT
 E SUNRISE BLVD TO NE 13TH ST
 FORT LAUDERDALE, FL
 IRRIGATION PLAN

HORIZONTAL DIRECTIONAL DRILL (HDD):
 1. REFER TO FDOT SPECIFICATION SECTION 555.

- THE WORK CONSISTS OF FURNISHING AND INSTALLING UNDERGROUND IRRIGATION SLEEVING USING THE DIRECTIONAL BORING (HORIZONTAL DIRECTIONAL DRILLING, HDD) METHOD OF INSTALLATION. THIS WORK SHALL INCLUDE ALL SERVICES, EQUIPMENT, MATERIALS, AND LABOR FOR THE COMPLETE AND PROPER INSTALLATION, TESTING, RESTORATION OF UNDERGROUND UTILITIES AND ENVIRONMENTAL PROTECTION AND RESTORATION.
- THE PROPOSED PLAN INSTALLATION LOCATIONS ARE DIAGRAMMATIC; THE INTENT IS TO ACCOMMODATE THE IRRIGATION DESIGN AND TO AVOID EXISTING UTILITIES AND OBSTRUCTIONS. THE GENERAL HORIZONTAL LOCATION ARE SHOWN ON THE PLANS, BUT THE ENTRY AND EXIT LOCATIONS, AND MINIMUM CLEARANCES ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR MAY UTILIZE AN ALTERNATIVE DRILL PATH THAN IS SHOWN ON THE DRAWINGS AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL DETERMINE IF A CASING PIPE IS NEEDED TO PREVENT FRAC-OUT OR UPHEAVAL, SETTLEMENT, CRACKING, MOVEMENT, OR DISTORTION OF THE SURFACE MATERIAL FOR ANY PORTION OF THE HDD INSTALLATION. IF THE CONTRACTOR DETERMINES THAT A CASING PIPE IS NEEDED, THEN THE MATERIALS AND LABOR FOR INSTALLING THE STEEL CASING PIPE SHALL BE INCLUDED IN THE BASE BID LINE ITEM UNIT COST FOR THE HDD PIPELINE.
- DIRECTIONAL DRILLING AND PIPE INSTALLATION SHALL BE DONE ONLY BY AN EXPERIENCED CONTRACTOR SPECIALIZING IN DIRECTIONAL DRILLING AND WHOSE KEY PERSONNEL HAVE AT LEAST FIVE (5) YEARS' EXPERIENCE IN THIS WORK. FURTHERMORE, THE CONTRACTOR SHALL HAVE INSTALLED DIRECTIONALLY DRILLED PIPE AT LEAST AS LARGE AS 12 INCHES IN DIAMETER, HAVE PERFORMED CROSSINGS AT LEAST 1,000 FEET IN LENGTH, AND SUCCESSFULLY INSTALLED AT LEAST 50,000 FEET IN LENGTH.
- HIGH DENSITY POLYETHYLENE (HDPE) DR11 PIPE SHALL BE USED IN HDD INSTALLATIONS.
- SUBMITTALS:
 a. SPECIFICATIONS ON MATERIAL TO BE USED SHALL BE SUBMITTED TO ENGINEER. MATERIAL SHALL INCLUDE THE PIPE, FITTINGS AND ANY OTHER ITEM WHICH IS TO BE AN INSTALLED COMPONENT OF THE PROJECT.
 b. PRIOR TO BEGINNING WORK, THE CONTRACTOR MUST SUBMIT TO THE ENGINEER A GENERAL WORK PLAN OUTLINING THE PROCEDURE AND SCHEDULE TO BE USED TO EXECUTE THE PROJECT. PLAN SHOULD DOCUMENT THE THOUGHTFUL PLANNING REQUIRED TO SUCCESSFULLY COMPLETE THE PROJECT, DESCRIBING THE NOISE REDUCTION PROGRAM, SOLIDS CONTROL PLAN, PILOT HOLE DRILLING PROCEDURE, THE REAMING OPERATION, AND THE PULLBACK PROCEDURE.
 c. CONTRACTOR SHALL MAINTAIN A PROJECT LOG OF BORING OPERATIONS AND A GUIDANCE SYSTEM LOG WITH A COPY GIVEN TO ENGINEER AT COMPLETION OF PROJECT. AS-BUILT DRAWINGS SHALL BE CERTIFIED AS TO ACCURACY BY CONTRACTOR.
- CONTACTOR SHALL NOTIFY ALL COMPANIES WITH UNDERGROUND UTILITIES IN THE WORK AREA VIA THE "811" UTILITY LOCATE SERVICE TO OBTAIN UTILITY LOCATES. ONCE THE UTILITIES HAVE BEEN LOCATED CONTRACTOR SHALL PHYSICALLY IDENTIFY THE EXACT LOCATION OF THE UTILITIES BY VACCUUM OR HAND EXCAVATION, WHEN POSSIBLE, IN ORDER TO DETERMINE THE ACTUAL LOCATION AND PATH OF ANY UNDERGROUND UTILITIES WHICH MIGHT BE WITHIN 20 FEET OF THE BORE PATH. CONTRACTOR SHALL NOT COMMENCE BORING OPERATIONS UNTIL THE LOCATION OF ALL UNDERGROUND UTILITIES WITHIN THE WORK AREA HAVE BEEN VERIFIED.
- THE CONTRACTOR IS REQUIRED TO BRING TO THE ATTENTION OF THE ENGINEER ANY KNOWN DESIGN DISCREPANCIES WITH THESE SPECIFICATIONS AND THE ACTUAL DRILLING METHODS THAT THE CONTRACTOR WILL BE PERFORMING. THIS SHALL BE STATED IN WRITING TO THE ENGINEER NO LATER THAN THE PRE-CONSTRUCTION MEETING.
- JOINING SHALL BE PERFORMED BY THERMAL BUTTFUSION. POLYETHYLENE PIPE LENGTHS TO BE JOINED BY THERMAL BUTT-FUSION SHALL BE OF THE SAME TYPE, GRADE, AND CLASS OF POLYETHYLENE COMPOUND. BUTT-FUSION JOINING SHALL BE 100% EFFICIENT OFFERING A JOINT WELD STRENGTH EQUAL TO OR GREATER THAN THE TENSILE STRENGTH OF THE PIPE.
- CONTRACTOR SHALL INSTALL LATERALS AND/OR MAINLINE WITHIN HDPE HDD SLEEVES PRIOR TO PULLBACK.
- INSTALL TRACER WIRE, PER FDOT SPECIFICATIONS.
- HORIZONTAL DIRECTIONAL DRILLING SHALL CONSIST OF THE DRILLING OF A SMALL DIAMETER PILOT HOLE FROM ONE END OF THE ALIGNMENT TO THE OTHER, FOLLOWED BY ENLARGING THE HOLE DIAMETER FOR THE PIPELINE INSERTION. THE EXACT METHOD AND TECHNIQUES FOR COMPLETING THE DIRECTIONALLY DRILLED INSTALLATION WILL BE DETERMINED BY THE CONTRACTOR, SUBJECT TO THE REQUIREMENTS OF THESE SPECIFICATIONS.
- IF THE CONTRACTOR DETERMINES THAT A CASING PIPE IS NEEDED ON THE PIPE ENTRY/EXIT SIDE, THEN THE CASING PIPE SHALL BE INSTALLED PRIOR TO THE CONSTRUCTION OF THE PILOT BORE AND THE PILOT BORE SHALL BE CONSTRUCTED TO ALIGN WITH THE CASING PIPE BELOW THE GROUND SURFACE.
- THE ELEVATION OF THE SLEEVE AND/OR CARRIER PIPE AT THE LOCATION OF THE CONNECTION POINT OF THE DIRECTIONAL BORE SHALL BE 36" BELOW THE NATURAL GRADE AND SHALL BE IN A HORIZONTAL LOCATION FOR EASE OF CONNECTION TO CONTINUING LATERAL OR MAINLINE. SHOULD THIS NOT BE POSSIBLE DUE TO THE ACUTE ANGLE OF THE BORE, THE CONTRACTOR SHALL FURNISH AND INSTALL APPROPRIATE FITTINGS TO PROVIDE FOR A HORIZONTAL CONTINUATION.
- CONTRACTOR MAY DETERMINE THAT A SEPARATE SLEEVE HINDERS INSTALLATION BETWEEN SMALLER HDD RUNS. CONTRACTOR MAY INSTALL HDPE WITHOUT SLEEVE IN CERTAIN AREAS, ONLY IF AGREED UPON BY THE ENGINEER AND CITY. ALL UN-SLEEVED PIPE SHALL BE PRESSURE TESTED AFTER COMPLETION OF THE JOINT FUSING AND BEFORE THE PIPE PULLBACK.
- DURING THE DRILLING, REAMING, OR PULLBACK OPERATIONS, THE CONTRACTOR SHALL MAKE ADEQUATE PROVISIONS FOR HANDLING THE DRILLING FLUIDS, OR CUTTINGS AT THE ENTRY AND EXIT PITS. TO THE EXTENT PRACTICAL, THE CONTRACTOR SHALL MAINTAIN A CLOSED LOOP DRILLING FLUID SYSTEM. WHEN THE CONTRACTOR'S PROVISIONS FOR STORAGE OF THE FLUIDS OR CUTTINGS ON SITE ARE EXCEEDED, THESE MATERIALS SHALL BE HAULED AWAY TO A SUITABLE LEGAL DISPOSAL SITE. AFTER COMPLETION OF THE DIRECTIONAL DRILLING WORK, THE ENTRY AND EXIT PIT LOCATIONS SHALL BE PREPARED FOR LANDSCAPE INSTALLATION PER LANDSCAPE NOTES.

IRRIGATION SYSTEM NOTES

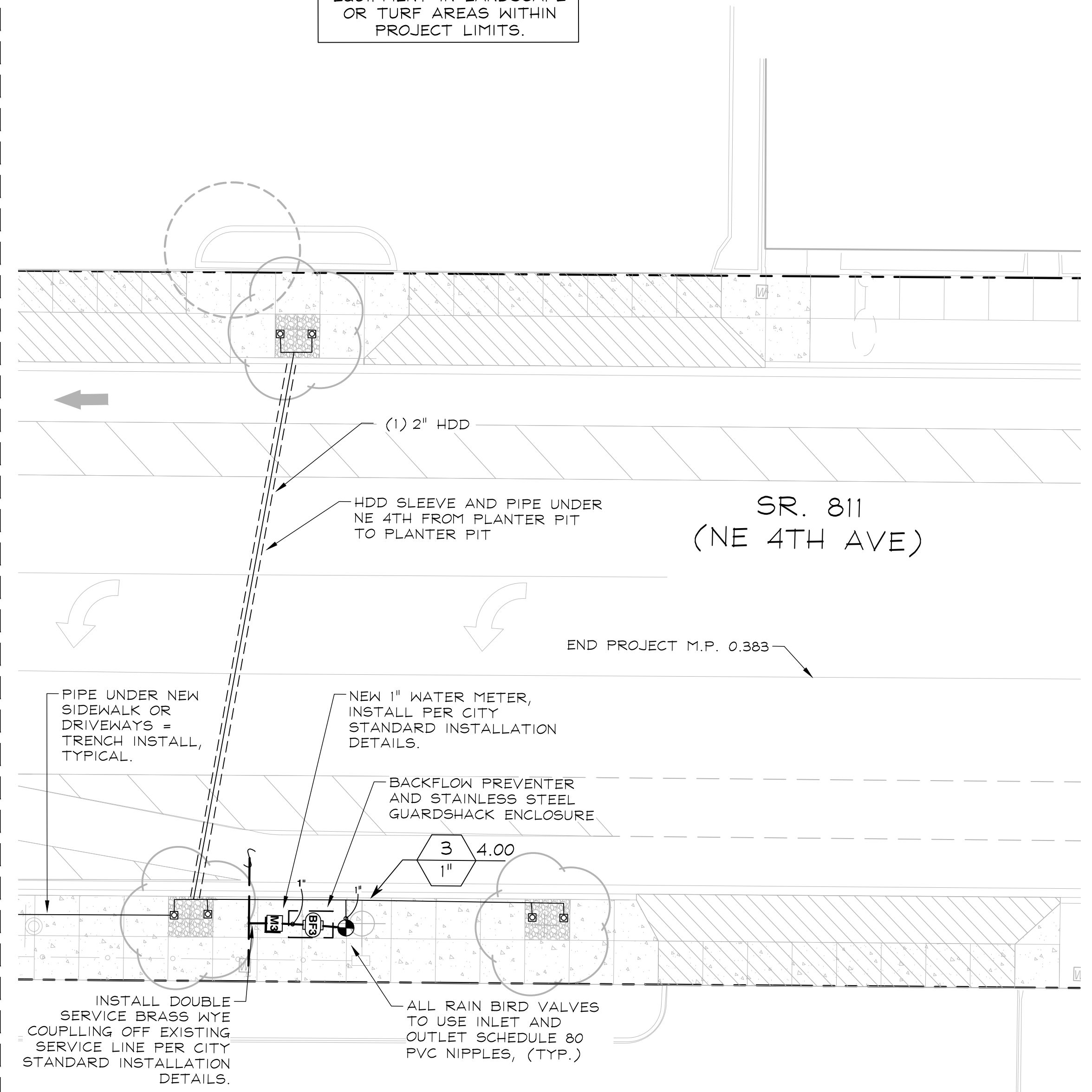
- CONTRACTOR SHALL REFER TO THE IRRIGATION DETAILS, IRRIGATION SCHEDULE, SPECIFICATIONS AND ALL CONTRACT DOCUMENTS FOR FURTHER AND COMPLETE INSTRUCTIONS.
 - IRRIGATION QUANTITIES ARE PROVIDED FOR CONVENIENCE. IN THE EVENT OF QUANTITY DISCREPANCIES THE DRAWING SHALL TAKE PRECEDENCE. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO BIDDING.
 - ANY SUBSTITUTIONS FOR SPECIFIED IRRIGATION EQUIPMENT MUST BE APPROVED BY THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE IN WRITING PRIOR TO CONSTRUCTION.
 - CONTRACTOR SHALL FIELD ADJUST LOCATION OF IRRIGATION EQUIPMENT AS NECESSARY TO AVOID DAMAGE TO EXISTING UNDERGROUND UTILITIES AND/OR INTERFERE WITH EXISTING ABOVE GROUND ELEMENTS. ALL FIELD ADJUSTMENTS SHALL BE COMPLETED AT THE CONTRACTOR'S EXPENSE AND SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE AND THE LANDSCAPE ARCHITECT.
 - CONTRACTOR SHALL FAMILIARIZE HIM/HERSELF WITH THE LIMITS OF WORK AND EXISTING CONDITIONS AND VERIFY ALL INFORMATION. IF DISCREPANCIES EXIST, CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE IN WRITING WITHIN SEVEN CALENDAR DAYS OF NOTICE TO PROCEED.
 - IRRIGATION PLAN IS DIAGRAMMATIC. EQUIPMENT SHOWN ON IMPERVIOUS SURFACES IS FOR GRAPHIC CLARITY UNLESS OTHERWISE NOTED. CONTRACTOR SHALL INSTALL ALL EQUIPMENT WITHIN LANDSCAPE AREAS IN PROPERTY LIMITS.
- THE IRRIGATION SYSTEM IS DESIGNED TO OPERATE WITH A SOURCE PROVIDING 17 GPM AT 44 PSI.
 BUBBLER DESIGN PRESSURE: 30 PSI

FDOT IRRIGATION NOTES:

- FDOT REQUIRES 24-HOUR EMERGENCY ACCESS TO WATER SOURCE.
- CONTRACTOR SHALL PROVIDE FDOT DISTRICT OPERATIONS MANAGER WITH A SET OF "AS-BUILT" IRRIGATION PLANS.

PLAN IS DIAGRAMMATIC.
 CONTRACTOR SHALL
 INSTALL ALL IRRIGATION
 EQUIPMENT IN LANDSCAPE
 OR TURF AREAS WITHIN
 PROJECT LIMITS.

SEE SHEET L4.07 FOR CONTINUATION



IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI	
△	Rain Bird RWS-B-C 1401	72	30	— Irrigation Lateral Line: PVC Schedule 40 ±2,29% I.F.
△	Root Watering System with diameter x long with locking grate, semi-rigid mesh tube, and check valve. Rain Bird bubbler option as indicated: 1401 0.25 GPM.			— Irrigation Mainline: PVC Schedule 40 ±92.0 I.F.
□				- - - - - Pipe Sleeve: See Sleeve Legend AS NEEDED

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
⊕	Rain Bird PESB 1", 1-1/2", 2" Plastic Industrial Valves. Low Flow Operating Capability, Globe Configuration. With Scrubber Technology for Reliable Performance in Dirty Water Irrigation Applications.	3
BF	Backflow Preventer 1" Pressure Vacuum Breaker	1
BF2	Backflow Preventer 1" Pressure Vacuum Breaker	1
BF3	Backflow Preventer 1" Pressure Vacuum Breaker	1
C	K-Rain BL-KRI 1 station battery powered bluetooth controller	1
M	Water Meter 1" PROPOSED 1" METER	1
M2	Water Meter 1" PROPOSED 1" METER	1
M3	Water Meter 1" PROPOSED 1" METER	1
P.O.C	Point of Connection EXISTING 1" METER	1

SLEEVE LEGEND:
 HDD = HORIZONTAL DIRECTIONAL DRILL (HDPE PIPE)
 IR = REMOVE AND REPLACE SIDEWALK, TRENCH SLEEVES IN PLACE (PVC SCH 40)
 JET = MISSLE BORE OR WATER JET SLEEVE UNDER SIDEWALK (PVC SCH 40)

(X) X" XXX
 SLEEVE TYPE (SEE ABOVE)
 SLEEVE SIZE
 NUMBER OF SLEEVES

Valve Callout
 # Valve Number
 # Valve Flow
 # Valve Size