

**CITY OF NAPLES
PURCHASING DIVISION
CITY HALL, 735 8TH STREET SOUTH
NAPLES, FLORIDA 34102
PH: 239-213-7100 FX: 239-213-7105**

ADDENDUM NUMBER 1

NOTIFICATION DATE:	BID TITLE:	BID NUMBER:	BID OPENING DATE & TIME:
03/15/12	5th Avenue North Improvements	024/12	04/03/12 2:00PM

**THE FOLLOWING INFORMATION IS HEREBY INCORPORATED INTO,
AND MADE AN OFFICIAL PART OF THE ABOVE REFERENCED BID.**

This is an addendum following the non-mandatory pre-bid meeting held on March 8, 2012. Based on the discussion, the specifications have been modified to address the following below. Additionally, the attendance list and hand-outs provided at the pre-bid are attached.

1) *Will the payroll have to be certified?*

Yes, Davis-Beacon requires a certified payroll.

2) *How will water for irrigation be provided?*

There is an existing 2" reuse water line available which has enough capacity for the landscaping. The plans and specifications will address this concern.

3) *Will a sign permit be required for the project?*

Yes

4) *In the specification, there was a requirement for "clean" sand to be placed after irrigation is installed. Does this mean that new soil must be incorporated into the site?*

Not necessarily. The intent of this language is to ensure that rock and hard clay is not placed over the pipes.

5) *Why type of mulch will be required? There was a conflict in the specifications.*

The specification will be modified to Pro Euc mulch.

6) *Will a checklist be provided?*

Yes (attached)

IMPORTANT MESSAGE

PLEASE ACKNOWLEDGE RECEIPT OF THIS ADDENDUM ON THE BID COVER SHEET.

- 7) *Sheet L6 of 6, is showing the last 2 existing catch basins to flumes poured from the toad to the catch basin, design plans do not indicate this work to be done.*

The flumes from EOP to CB's are existing and not part of the Project. The easterly one is hard to see but it is just west of the "No Turn on Red" sign

- 8) *Sheet L1 of 6: bottom right side of the Plant list it indicates for us to "Mow the sod 46 times per yr" & to "Mulch on an annual basis, replenish areas as necessary"*

Under the scope there is no mention of the contractor maintaining the project for any length of time.

This language was removed in the revised drawings.

OTHER ANNOUNCEMENTS:

The bid tabulation sheet and the bid-plan sets have been modified following the pre-bid meeting. Line items 11, 22, 27, and 31 were modified. Additionally landscape sheets L1 and L4 were modified on the Construction Plans. This is attached as part of the addendum.

The Pre-bid attendees list is attached as well.

DATE CHANGE:

The due date has been modified to **APRIL 2, 2012 AT 2:00 pm.**

IMPORTANT MESSAGE

PLEASE ACKNOWLEDGE RECEIPT OF THIS ADDENDUM ON THE BID COVER SHEET.

5TH AVENUE NORTH IMPROVEMENTS (#024-12)

BID CHECKLIST

- SIGNATURE PAGE

- BID PRICE (EXHIBIT G)

- REFERENCES (EXHIBIT H)

- DEBARMENT CERTIFICATION (EXHIBIT A)
(including list with subcontractors)

- AFFIDAVIT CLAIMING SECTION 3 STATUS (page 52)

- TWO SETS OF BID DOCUMENTS

IMPORTANT MESSAGE

PLEASE ACKNOWLEDGE RECEIPT OF THIS ADDENDUM ON THE BID COVER SHEET.

5TH AVENUE NORTH ROW IMPROVEMENTS

CONSTRUCTION PLANS

PREPARED BY

ENGINEERING : GULFSHORE ENGINEERING, INC.
 2375 TAMIAMI TRAIL NORTH
 SUITE 207
 NAPLES, FL 34103
 TEL: (239) 261-2290
 FAX: (239) 261-6530



ARCHITECTURE : ARCHITECTURAL LAND DESIGN, INC.
 2780 S. HORSESHOE DRIVE
 SUITE 5
 NAPLES, FL 34104
 PHONE: (239) 430-1661
 FAX: (239) 430-1664



SURVEYOR : JOHNSON ENGINEERING, INC.
 2350 STANFORD COURT
 NAPLES, FLORIDA 34112
 TEL: (239) 280-4325
 FAX: (239) 434-9320



ATTENTION !!

THESE PLANS MAY HAVE BEEN MODIFIED IN SIZE DURING REPRODUCTION .
 PRIOR TO OBTAINING SCALED DATA, USERS MUST VERIFY ALL NOTED INDEX
 SCALES AGAINST THE GRAPHIC SCALES SHOWN ON INDIVIDUAL PLAN SHEETS.

NOTE: THESE CONSTRUCTION PLANS WERE PREPARED AS PART OF THE
 CONTRACT DOCUMENTS FOR THE REFERENCED PROJECT. TECHNICAL
 SPECIFICATIONS AND ANY ADDITIONAL SUPPLEMENTS TO THE CONTRACT
 DOCUMENTS SHOULD BE REVIEWED FOR MATERIAL CONSTRUCTION, TESTING
 AND PERMIT REQUIREMENTS PRIOR TO BIDDING.

CONTRACTOR NOTE !

THESE DRAWINGS ARE NOT APPROVED FOR CONSTRUCTION
 UNLESS THEY BEAR OFFICIAL STAMPED APPROVAL FROM AGENCY
 AND ENGINEERS SIGNATURE AND SEAL AFFIXED HEREON



" INVESTIGATE BEFORE YOU EXCAVATE "
 CALL SUNSHINE STATE ONE
1-800-432-4770
 FL. STATUTE 553.851 (1979) REQUIRES
 MIN. 2 DAYS AND MAX. OF 5 DAYS NOTICE
 BEFORE YOU EXCAVATE
CONTRACTOR NOTE!
 PLEASE NOTIFY ALL UTILITIES BEFORE YOU DIG!!

PREPARED FOR

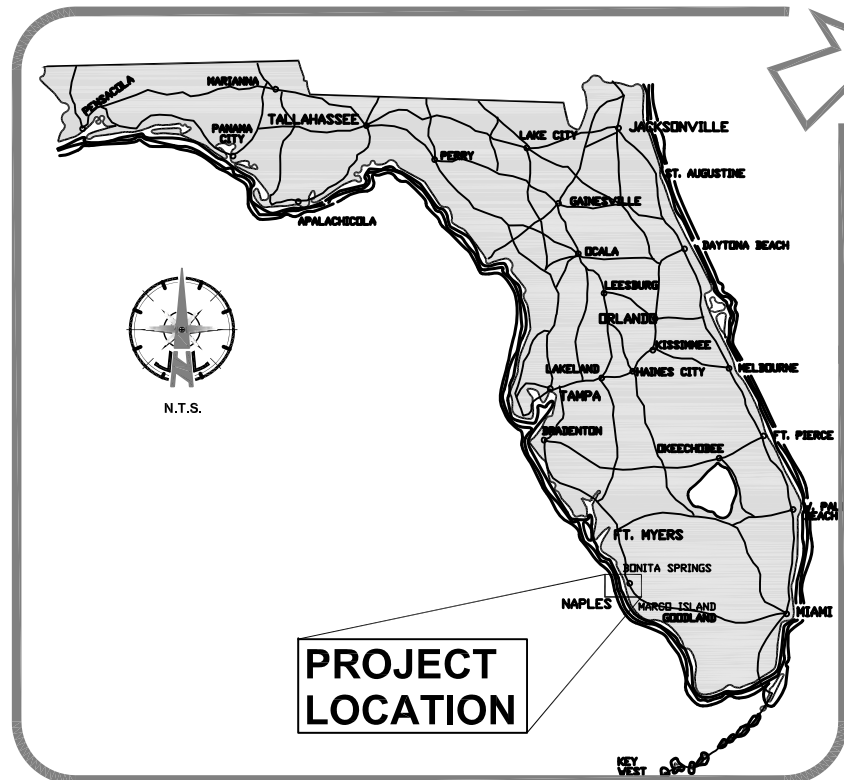
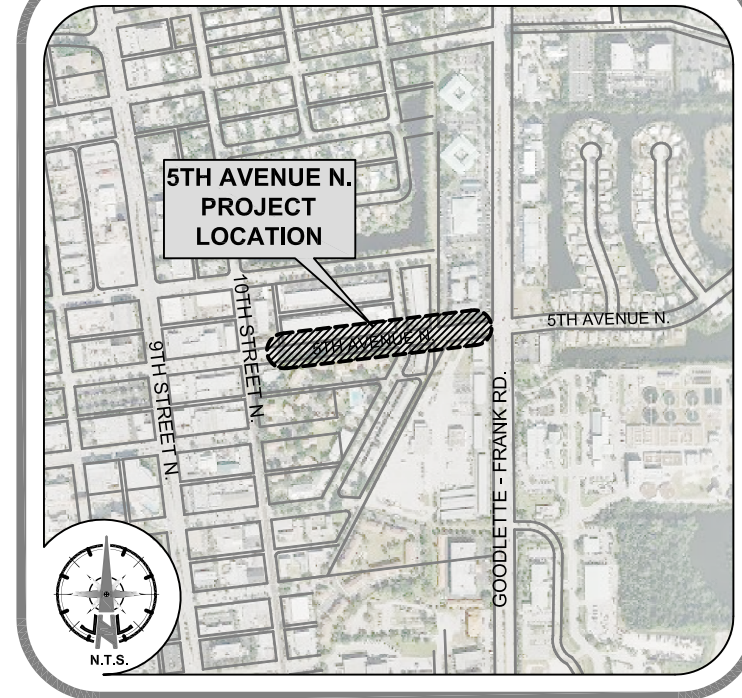


CITY OF NAPLES
 295 RIVERSIDE CIRCLE,
 NAPLES, FLORIDA 34102

LOCATION

SECTION 34, TOWNSHIP 49 SOUTH,
 RANGE 25 EAST, COLLIER COUNTY,
 FLORIDA

LOCATION MAP



SHEET - INDEX

ENGINEERING PLANS

9 SHEET SET	1	COVER SHEET
	2	AERIAL PHOTO OVERLAY EXISTING CONDITIONS (1)
	3	AERIAL PHOTO OVERLAY EXISTING CONDITIONS (2)
	4	CLEARING PLAN (1)
	5	CLEARING PLAN (2)
	6	MASTER SITE, SIGNING, STRIPING & PARKING PLAN
	7	MASTER SITE, SIGNING, STRIPING & PARKING PLAN - DETAILS
	8	PAVING, GRADING & DRAINAGE PLAN
	9	PAVING, GRADING & DRAINAGE - DETAILS
	10	EROSION PLAN
	11	EROSION PLAN - DETAILS

LANDSCAPING PLANS

6 SHEET SET	L1	PLANTING PLAN (1) <i>revised 03-15-2012</i>
	L2	PLANTING PLAN (2)
	L3	PLANTING PLAN (3)
	L4	IRRIGATION PLAN (1) <i>revised 03-15-2012</i>
	L5	IRRIGATION PLAN (2)
	L6	IRRIGATION PLAN (3)

CERTIFICATE OF AUTHORIZATION: 26213

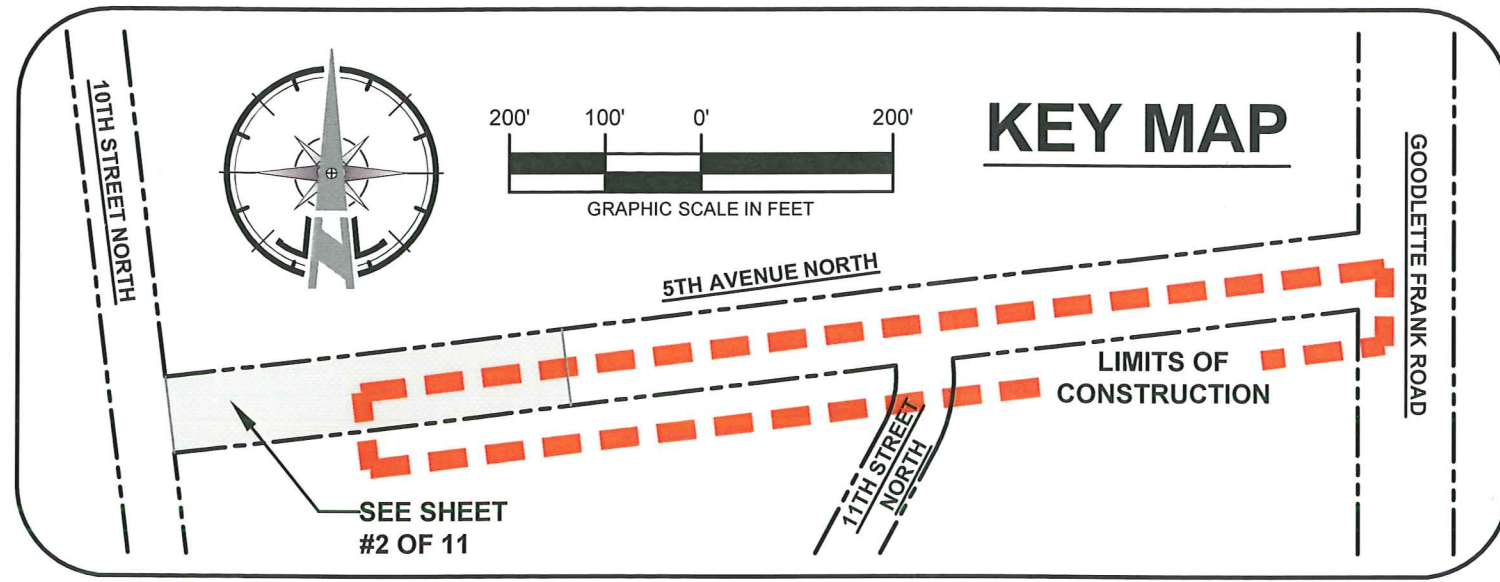
2375 Tamiami Trail N.,
 Suite 207
 Naples, FL 34103
 TEL. No: (239) 261-2290
 Fax No: (239) 261-6530



SHEET TITLE: COVER SHEET
 PLANSET TITLE: CONSTRUCTION PLANS
 PROJECT NAME: 5th AVENUE NORTH ROW IMPROVEMENTS

NO: ADDENDUM #1 - REV. LANDSCAPE PLANS L1, L4
 DATE: 03-15-2012

DESIGN: J.N.L.
 DRAWN: C.M.
 SCALE-HORIZ.: AS SHOWN
 SCALE-VERT.: AS SHOWN
 GEI PROJECT No.: 349
 SHEET NO.

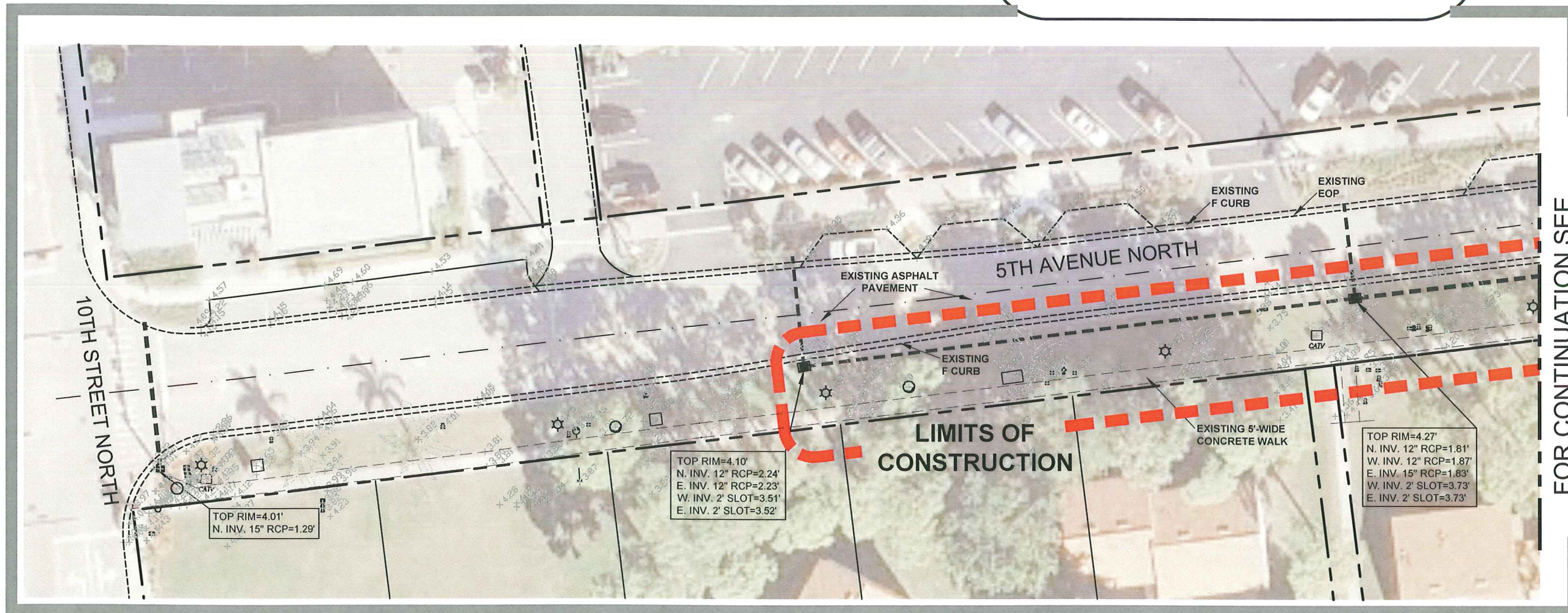
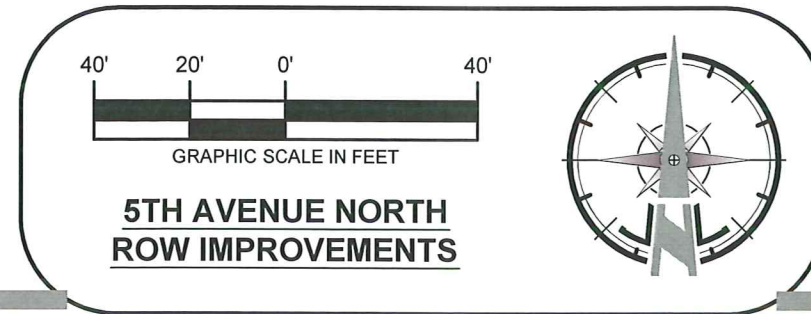


LEGEND

— — — — — LIMITS OF CONSTRUCTION

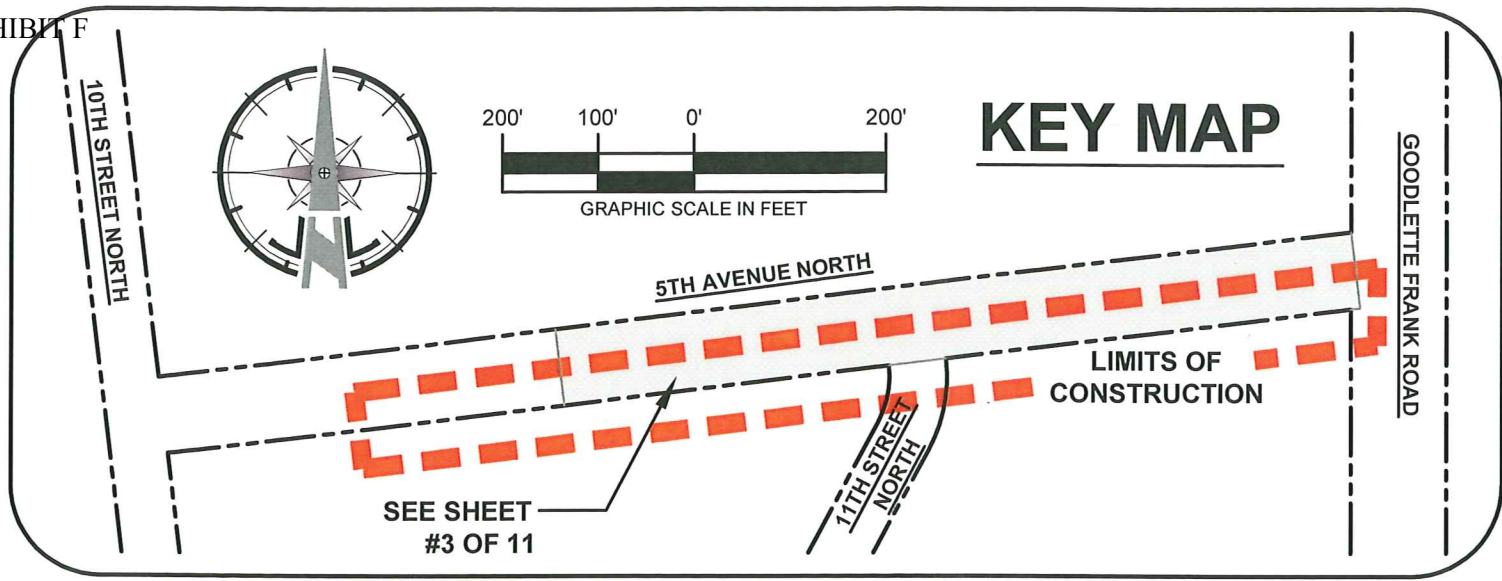
NOTES:

1. AERIAL PHOTO FROM COLLIER COUNTY PROPERTY APPRAISER'S OFFICE - YEAR 2010.
2. ALL INFORMATION SHOWN IS BASED ON CLIENT SURVEY BY JOHNSON ENGINEERING, INC., ACAD DWG. : 8702TOPOPNTS AND 8702TOPOPNTS2R, DATED MARCH, 2011.
3. ALL ELEVATIONS GIVEN ARE BASED ON THE NGVD 1929 DATUM.



FOR CONTINUATION SEE SHEET# 3 OF 11

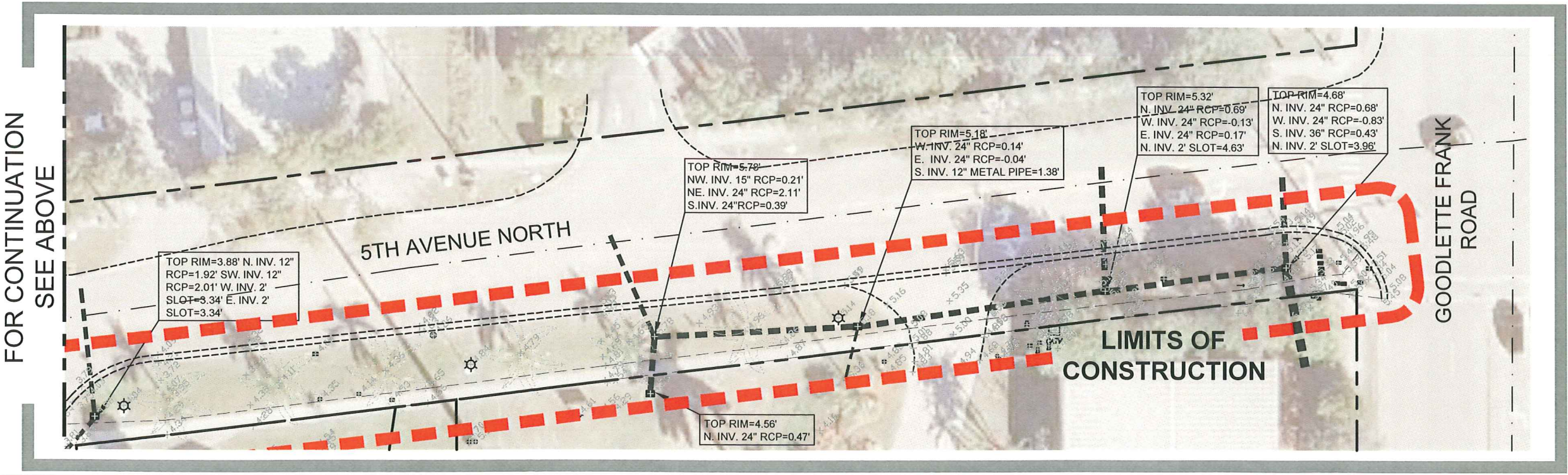
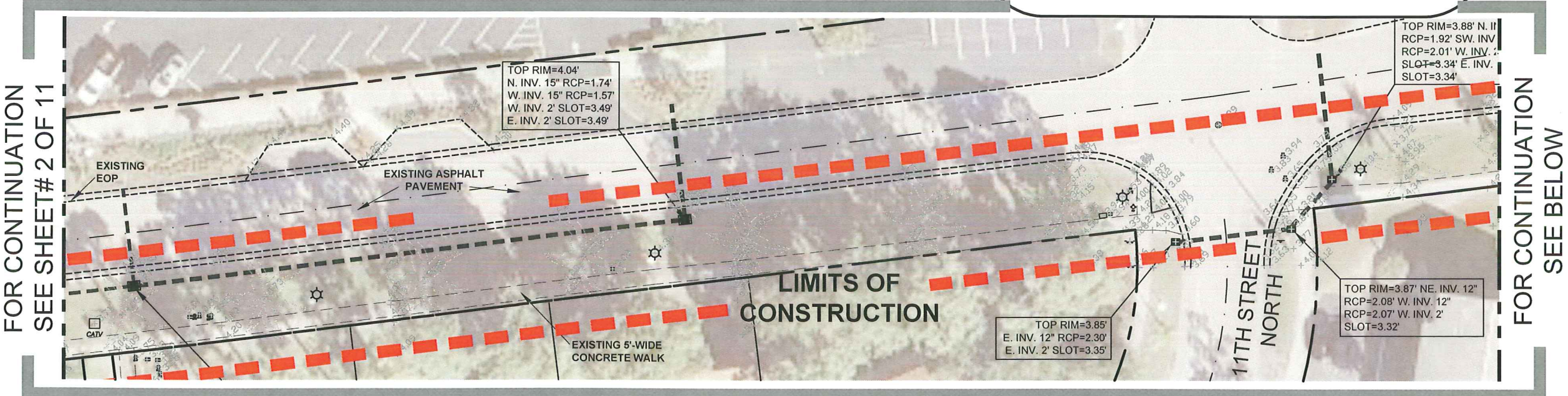
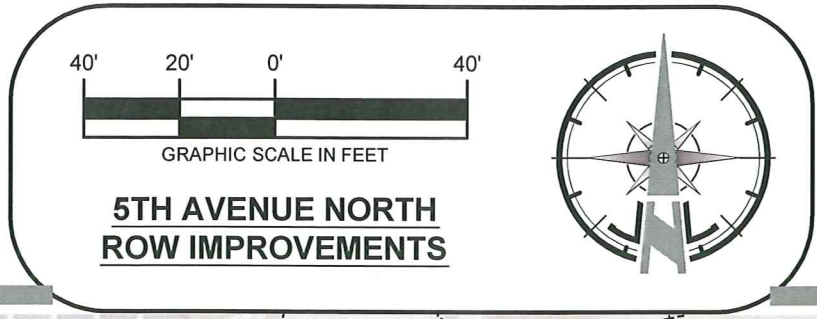
CERTIFICATE OF AUTHORIZATION: 26213 2375 Tamiami Trail N., Suite 207 Naples, FL 34103 TEL. No: (239) 261-2290 Fax No: (239) 261-6530	
SHEET TITLE: AERIAL PHOTO OVERLAY EXISTING CONDITIONS (1)	PLANSET TITLE: CONSTRUCTION PLANS PROJECT NAME: 5TH AVENUE NORTH ROW IMPROVEMENTS
REVISIONS NO. DESCRIPTION DATE	DESIGN: J.N.L. DRAWN: C.M. SCALE-HORIZ.: AS SHOWN SCALE-VERT.: AS SHOWN GEI PROJECT No.: 349 SHEET NO.
2 OF 11	



LEGEND - - - - LIMITS OF CONSTRUCTION

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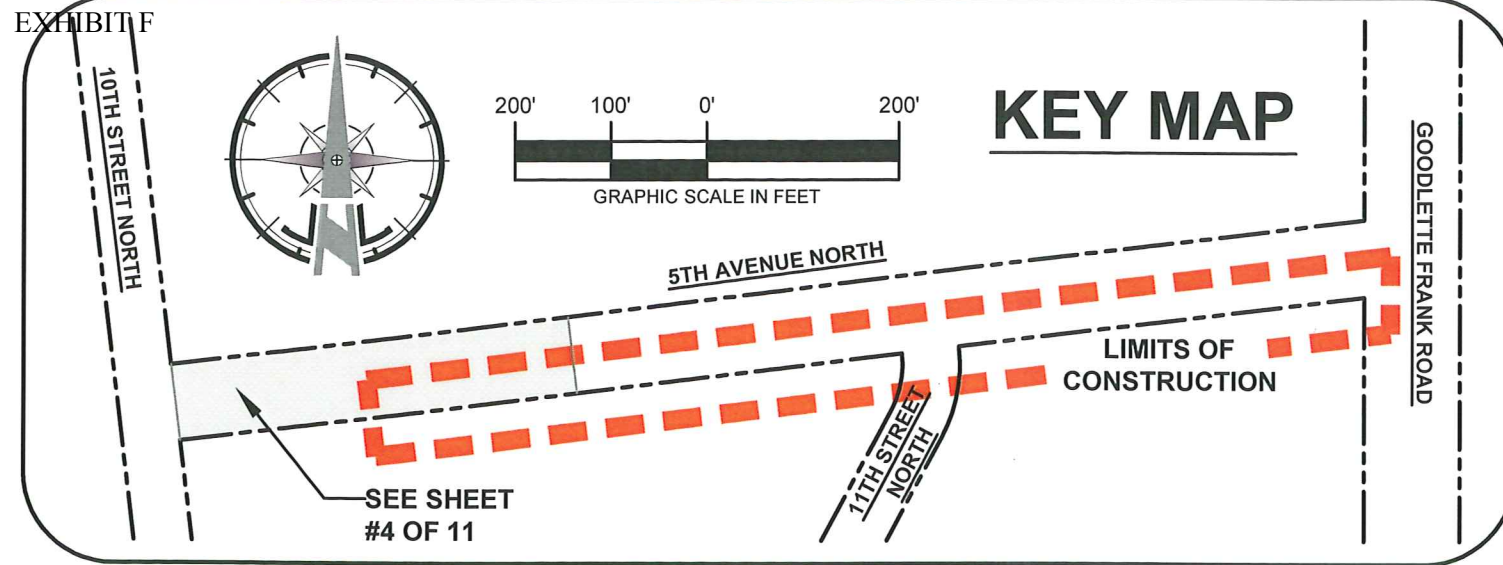
CERTIFICATE OF AUTHORIZATION: 26213

2375 Tamiami Trail N., Suite 207 Naples, FL 34103
 TEL. No: (239) 261-2290 Fax No: (239) 261-6530

GULF SHORE ENGINEERING, INC.

SHEET TITLE: AERIAL PHOTO OVERLAY	
EXISTING CONDITIONS (2)	
CONSTRUCTION PLANS	
PROJECT NAME: 5TH AVENUE NORTH ROW IMPROVEMENTS	
NO.	DATE
DESIGN:	J.N.L.
DRAWN:	C.M.
SCALE-HORIZ.:	AS SHOWN
SCALE-VERT.:	AS SHOWN
GEI PROJECT No.:	349
SHEET NO.	
3 OF 11	

P:\NEW PROJECT-1349-ANTHONY PARK\DWGS\OUT\Construction-Plans-2011-April\Final Set\CONSTR PLANS-5TH AVE-04-21-2011.dwg, 9:57 AM-EX. COND-(2), 4/27/2011 8:09:11 AM



GENERAL CONSTRUCTION NOTES:

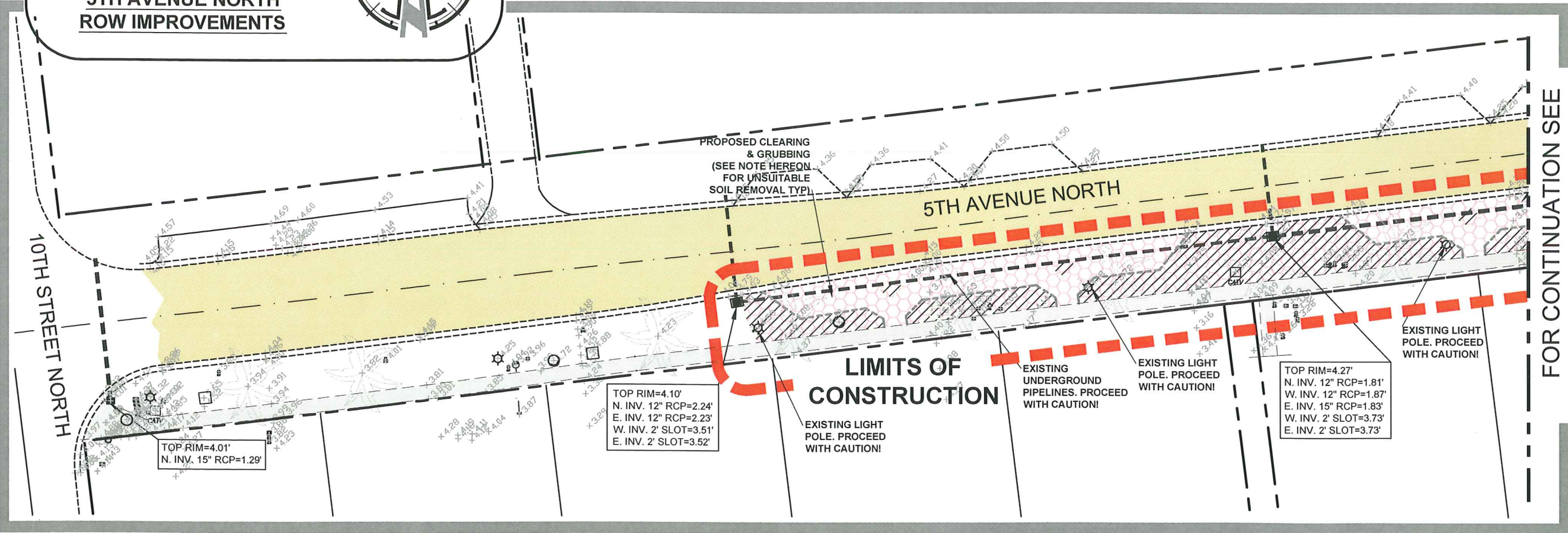
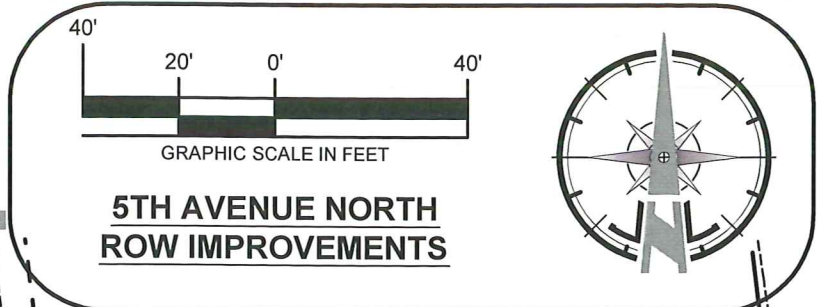
- PLEASE NOTE THAT ALTHOUGH THE EXISTING INFORMATION SHOWN ON THESE PLANS HAS BEEN PREPARED FROM THE MOST RELIABLE INFORMATION AVAILABLE TO THE ENGINEER, LOCATION OF UTILITIES SHOWN IS NOT GUARANTEED. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES IN THE FIELD PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR ANY AND ALL DAMAGES RESULTING FROM CONTRACTOR'S FAILURE TO ADEQUATELY LOCATE OR PROTECT THE INTEGRITY OF EXISTING UNDERGROUND LINES AND UTILITIES DURING THE COURSE OF THIS JOB.
- THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES IN THE AREA 48 HOURS MINIMUM PRIOR TO START OF CONSTRUCTION, AND SHALL HAVE ALL SERVICE LINES (PHONE, POWER, POTABLE WATER, CABLE, SANITARY SEWER, IRRIGATION, FORCE MAIN & ANY OTHERS) LOCATED AND FLAGGED PRIOR TO ANY EXCAVATION.
- THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL UTILITY LINES AND SERVICES DAMAGED DURING CONSTRUCTION, INCLUDING IRRIGATION LINES AND SERVICES. THE APPROPRIATE UTILITY SHALL BE NOTIFIED OF ALL DAMAGED LINES PRIOR TO REPAIR. ALL NECESSARY REPAIRS SHALL BE PERFORMED IMMEDIATELY UPON DAMAGE OF LINES, AND ALL UTILITY WORK SHALL CONFORM TO THE STANDARDS AND REQUIREMENTS OF THE AGENCY HAVING JURISDICTION OVER EACH INDIVIDUAL UTILITY.
- ALL DRIVEWAYS, LANDSCAPING FEATURES, SIGNS, GRASS, ETC. SHALL BE RESTORED TO A CONDITION EQUIVALENT TO PRE- CONSTRUCTION CONDITION UNLESS OTHERWISE APPROVED BY THE ENGINEER AND CITY OFFICIAL.
- THE CONTRACTOR SHALL FIELD VERIFY ALL GIVEN DIMENSIONS AND ELEVATIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND NOTIFY THE ENGINEER IMMEDIATELY IF ANY INCONSISTENCIES BECOME APPARENT IN THE PLAN DIMENSIONS OR ELEVATIONS. IF REQUIRED PLAN DEVIATIONS HAVE BEEN OMITTED OR ARE OTHERWISE UNCLEAR, THE CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD IMMEDIATELY.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TRAFFIC AND USAGE OF EXISTING STREETS ADJACENT TO THE PROJECT AREA. ALL TRAFFIC MAINTENANCE CONTROL SHALL BE IN ACCORDANCE WITH THE FLORIDA MANUAL OF TRAFFIC CONTROL AND SAFE PRACTICES FOR STREET AND HIGHWAY CONSTRUCTION, MAINTENANCE, AND UTILITY OPERATIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO APPLY AND OBTAIN LOCAL GOVERNMENT APPROVAL FOR WORK IN THE EXISTING PUBLIC R.O.W.
- THE REVIEW & APPROVAL OF IMPROVEMENT PLANS DOES NOT AUTHORIZE THE CONSTRUCTION OF REQUIRED IMPROVEMENTS WHICH ARE INCONSISTENT WITH EXISTING EASEMENTS OF RECORD.
- THIS PLAN IS NOT INTENDED TO BE ALL INCLUSIVE OF EXISTING FACILITIES OR MATERIALS TO BE REMOVED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTING CONDITIONS WITH REGARDS TO SITE MODIFICATIONS NECESSARY TO ACCOMMODATE THE PROPOSED IMPROVEMENTS.

***NOTE: REMOVAL OF UNSUITABLE SOILS**
 AS PART OF INITIAL CLEARING AND GRUBBING PHASE, THE CONTRACTOR SHALL FIELD VERIFY THAT THE SOIL UNDERLYING AREAS DESIGNATED FOR PROPOSED TREES, SHRUBS AND / OR LANDSCAPING IS SUITABLE FOR PLANTING. IF EXCAVATIONS REVEAL UNSUITABLE SOIL, CONTRACTOR WILL OVER-EXCAVATE AND REPLACE TO NECESSARY DEPTH AND WIDTH PER LANDSCAPING PLANS.

****NOTE: TOPSOIL**
 PLEASE REFER TO LANDSCAPING PLANS FOR MORE DETAILS AND PLANTINGS - THESE AREAS.

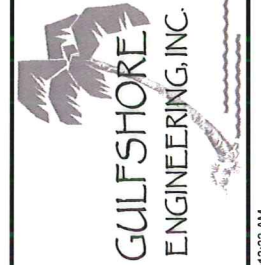
LEGEND

- EXISTING ASPHALT PAVEMENT
- EXISTING CONCRETE WALK (5'-WIDE)
- LIMITS OF CONSTRUCTION
- PROPOSED CLEARING (TURF REMOVAL)*
- CLEARING AND REPLACEMENT OF TOP SOIL THESE AREAS **



FOR CONTINUATION SEE SHEET# 5 OF 11

CERTIFICATE OF AUTHORIZATION: 26213
 2375 Tamiami Trail N., Suite 207 Naples, FL 34103
 TEL. No: (239) 261-2290 Fax No: (239) 261-6530

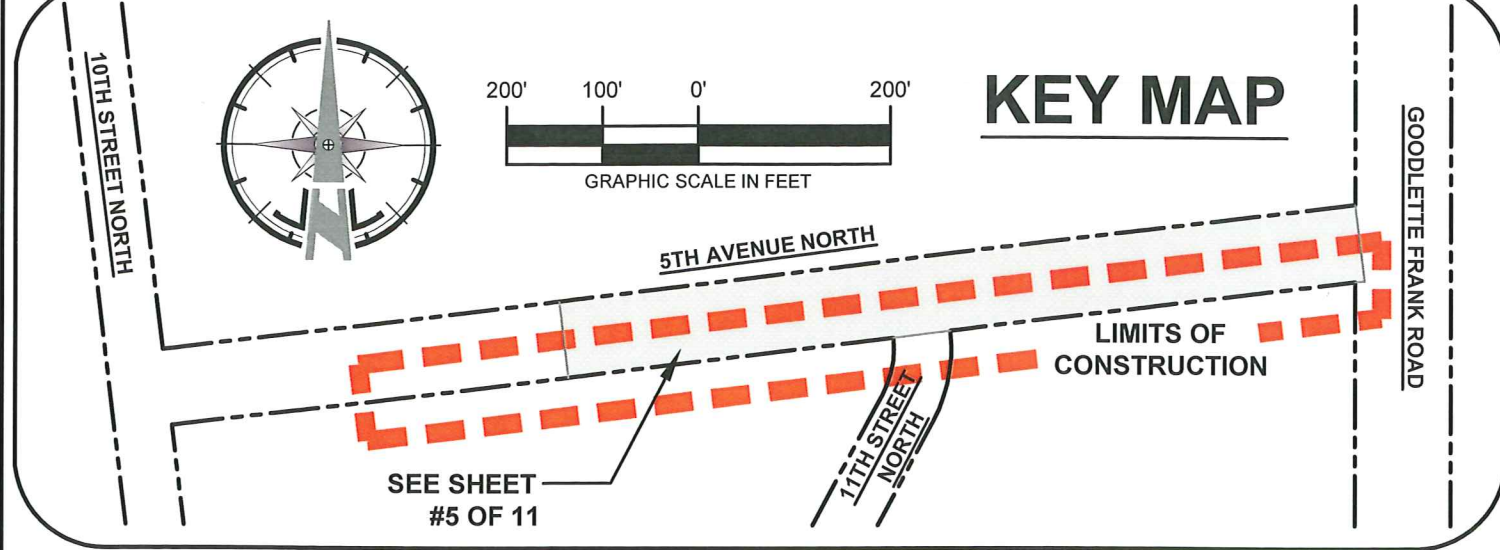


SHEET TITLE:	CLEARING PLAN (1)
PLANSET TITLE:	CONSTRUCTION PLANS
PROJECT NAME:	5TH AVENUE NORTH ROW IMPROVEMENTS

NO.	DATE	REVISIONS DESCRIPTION

DESIGN: J.N.L.
 DRAWN: C.M.
 SCALE-HORIZ.: AS SHOWN
 SCALE-VERT.: AS SHOWN
 GEI PROJECT No.: 349
 SHEET NO.

EXHIBIT F



LEGEND

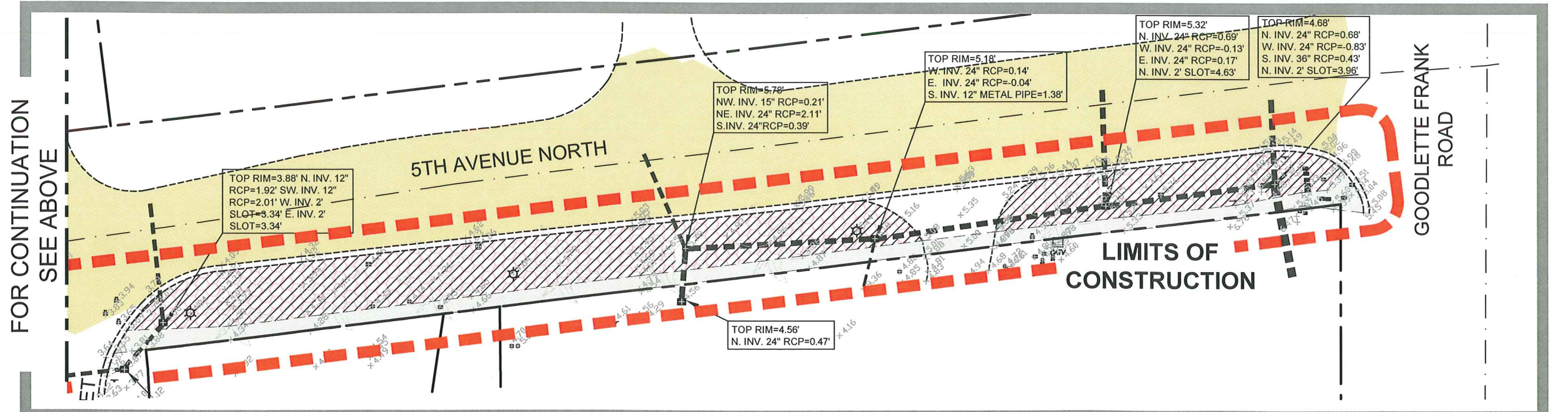
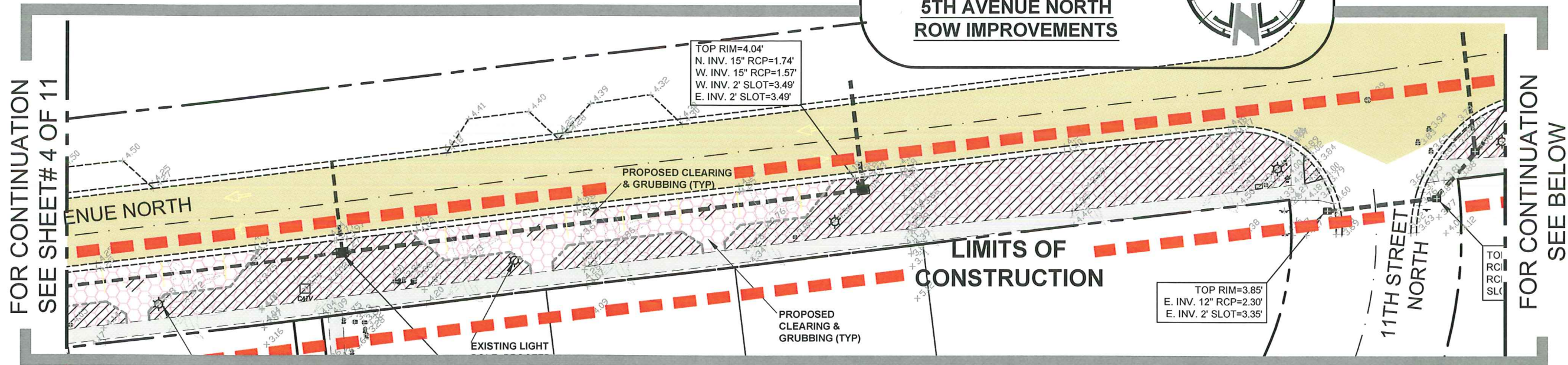
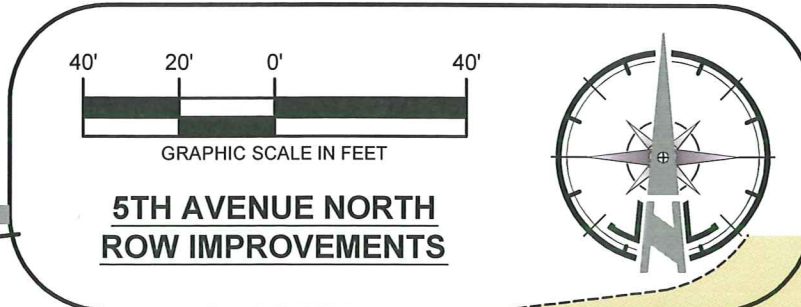
- EXISTING ASPHALT PAVEMENT
- EXISTING CONCRETE WALK (5'-WIDE)
- LIMITS OF CONSTRUCTION
- PROPOSED CLEARING (TURF REMOVAL)*
- CLEARING AND REPLACEMENT OF TOP SOIL THESE AREAS **

***NOTE: REMOVAL OF UNSUITABLE SOILS**

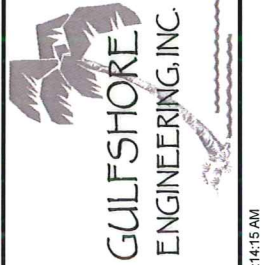
AS PART OF INITIAL CLEARING AND GRUBBING PHASE, THE CONTRACTOR SHALL FIELD VERIFY THAT THE SOIL UNDERLYING AREAS DESIGNATED FOR PROPOSED TREES, SHRUBS AND / OR LANDSCAPING IS SUITABLE FOR PLANTING. IF EXCAVATIONS REVEAL UNSUITABLE SOIL, CONTRACTOR WILL OVER-EXCAVATE AND REPLACE TO NECESSARY DEPTH AND WIDTH PER LANDSCAPING PLANS.

****NOTE: TOPSOIL**

PLEASE REFER TO LANDSCAPING PLANS FOR MORE DETAILS AND PLANTINGS - THESE AREAS.



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 2375 Tamiami Trail N., Suite 207
 Naples, FL 34103
 TEL. No: (239) 261-2290
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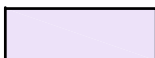


SHEET TITLE: CLEARING PLAN (2)
 PLANSET TITLE: CONSTRUCTION PLANS
 PROJECT NAME: 5TH AVENUE NORTH ROW IMPROVEMENTS

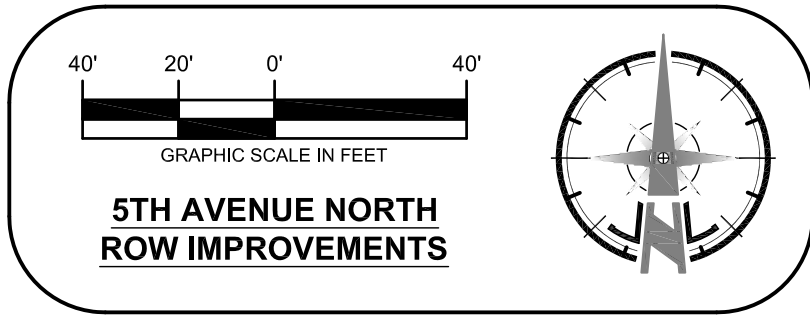
NO.	REVISIONS DESCRIPTION	DATE
A		

DESIGN: J.N.L.
 DRAWN: C.M.
 SCALE-HORIZ.: AS SHOWN
 SCALE-VERT.: AS SHOWN
 GEI PROJECT No.: 349
 SHEET NO.

P:\NEW PROJECT-LIST\349-ANTHONY PARK\DWGS\OUT\Construction-Plans-2011-April\Final Set\CONST PLANS-5TH AVE-04-21-2011.dwg, 5-5TH-AVE-CLEARING-(2), 4/27/2011 8:14:15 AM

LEGEND

-  EXISTING ASPHALT PAVEMENT
-  EXISTING CONCRETE WALK (5'-WIDE)
-  PROPOSED NEW ASPHALT PAVEMENT (1-LIFT)
-  PROPOSED NEW CONCRETE WALK (4'-WIDE)
-  LIMITS OF ROADWAY IMPROVEMENTS



PARKING COUNT

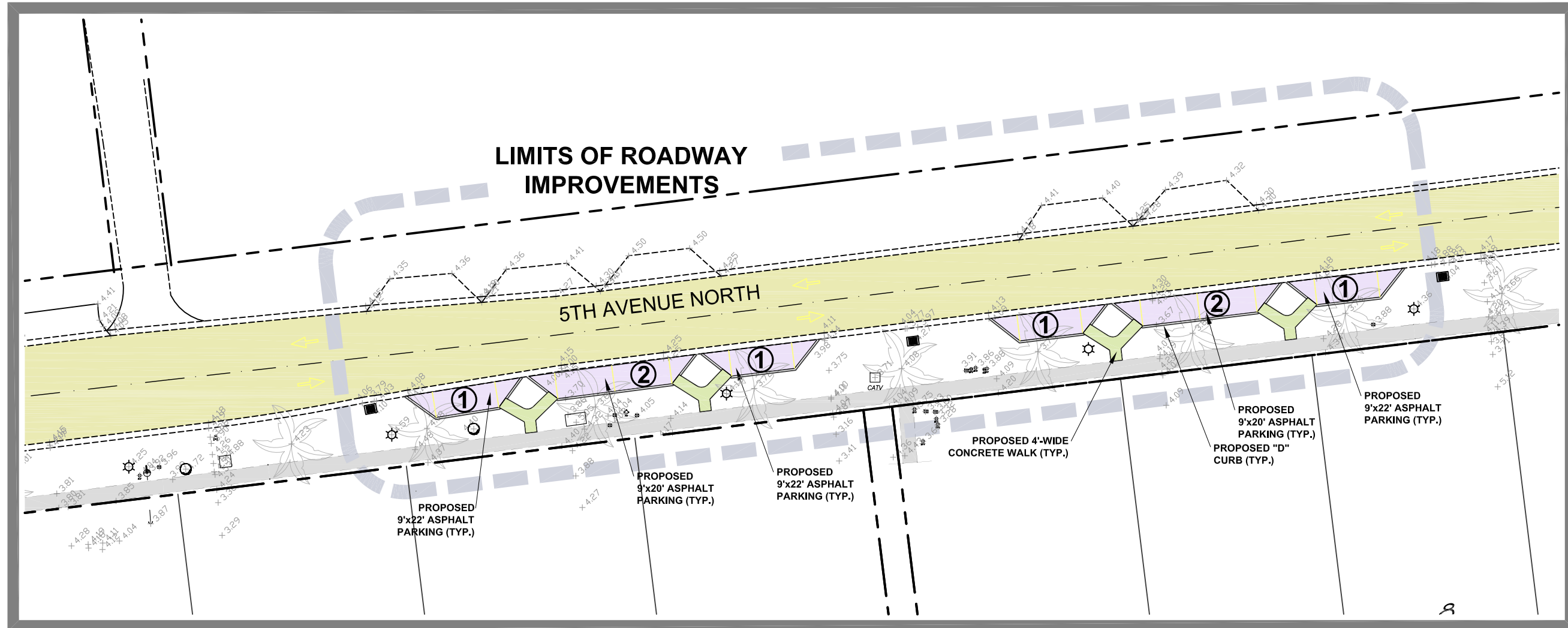
TOTAL PROPOSED STANDARD SPACES = 8

PLEASE NOTE!

PROJECT LIMITS - ADDITIONAL WORK NOT SHOWN!

ROADWAY AND PAVING IMPROVEMENTS SHOWN HERE INCLUDE EIGHT (8) PROPOSED PARKING SPACES AND ASSOCIATED SIDEWALKS, LANDSCAPING AND IRRIGATION. PLEASE REFER TO THE LANDSCAPE PLANS FOR ADDITIONAL PROJECT IMPROVEMENTS NOT SHOWN HERE, WHICH INCLUDE:

1. ADDITIONAL LANDSCAPING AND IRRIGATION ALONG THE SOUTH RIGHT OF WAY OF 5TH AVENUE NORTH TO GOODLETTE-FRANK.
2. ADDITIONAL CONSTRUCTION OF A SINGLE (1) OFF-STREET PARKING SPACE CONSISTING OF CRUSHED SHELL MATERIAL ONLY, LOCATED AS SHOWN ON LANDSCAPING PLANS ELSEWHERE ON THE SOUTH RIGHT OF WAY OF 5TH AVENUE NORTH.



CERTIFICATE OF AUTHORIZATION: 26213

2375 Tamiami Trail N., Suite 207
Naples, FL 34103
TEL. No: (239) 261-2290
Fax No: (239) 261-6530



SHEET TITLE: MASTER SITE, SIGNING, STRIPING & PARKING PLAN

PLANSHEET TITLE: CONSTRUCTION PLANS

PROJECT NAME: 5TH AVENUE NORTH ROW IMPROVEMENTS

REVISIONS	
NO.	DESCRIPTION

DESIGN: J.N.L.
DRAWN: C.M.
SCALE-HORIZ.: AS SHOWN
SCALE-VERT.: AS SHOWN
GEI PROJECT No.: 349

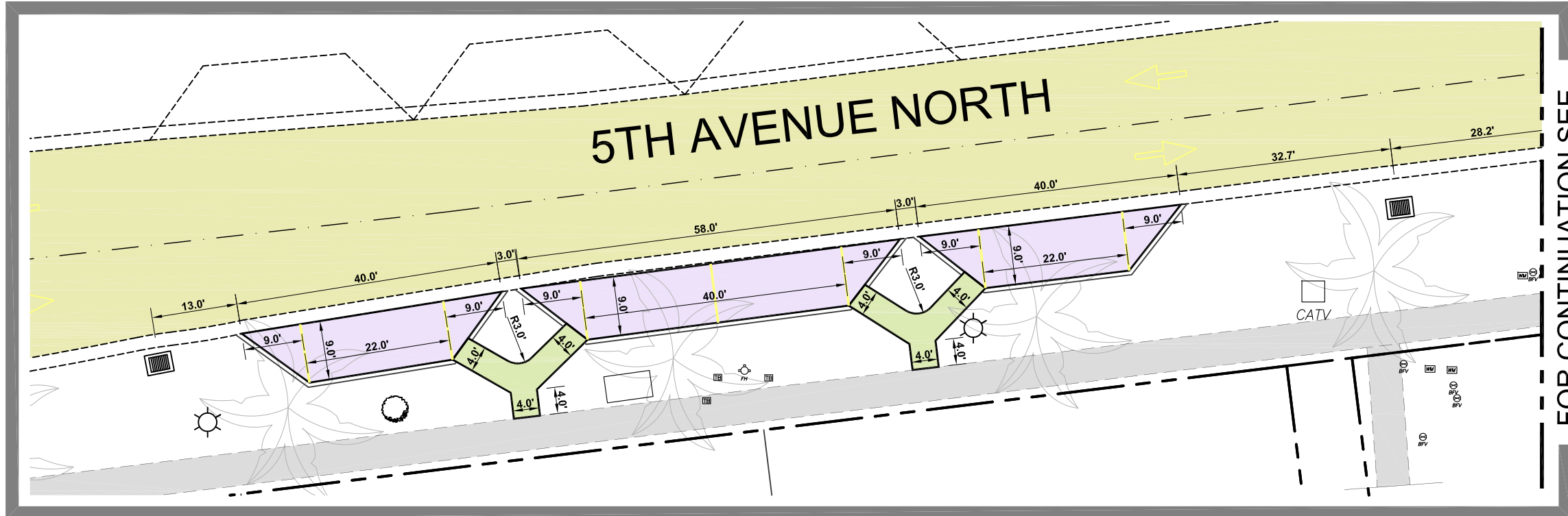
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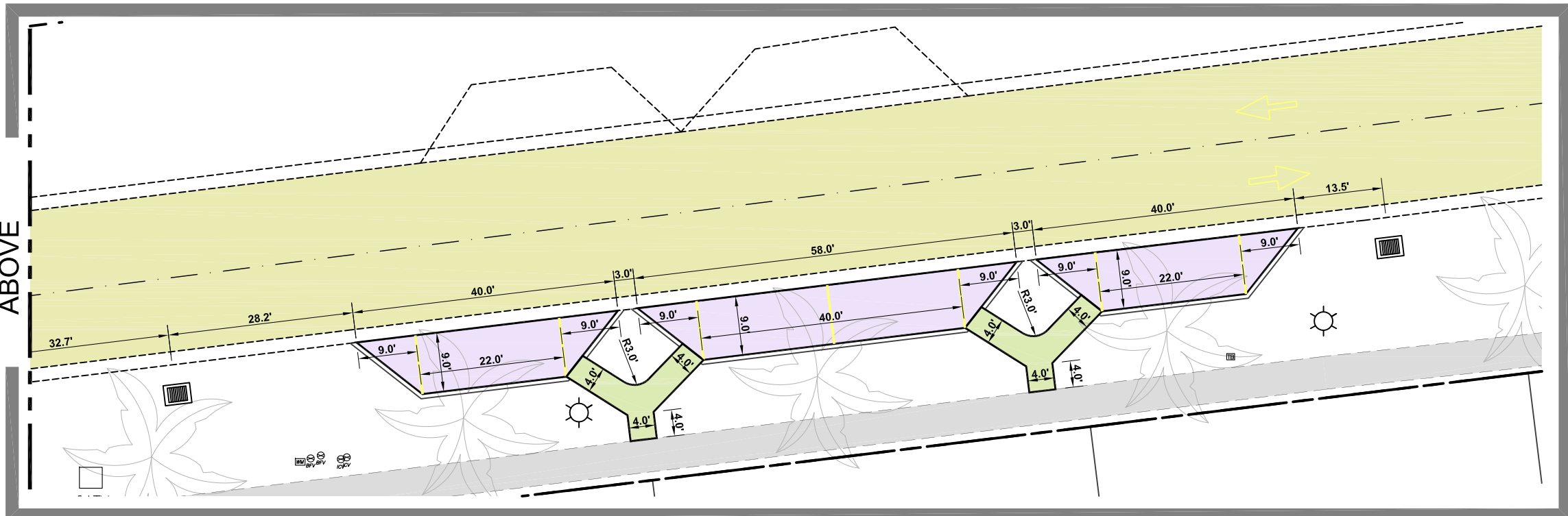
- EXISTING ASPHALT PAVEMENT
- EXISTING CONCRETE WALK (5'-WIDE)
- PROPOSED NEW ASPHALT PAVEMENT (1-LIFT)
- PROPOSED NEW CONCRETE WALK (4'-WIDE)

GRAPHIC SCALE IN FEET

**5TH AVENUE NORTH
ROW IMPROVEMENTS**



FOR CONTINUATION SEE BELOW



FOR CONTINUATION SEE ABOVE

CERTIFICATE OF AUTHORIZATION: 26213
 2375 Tamiami Trail N., Suite 207
 Naples, FL 34103
 TEL. No: (239) 261-2290
 Fax No: (239) 261-6530



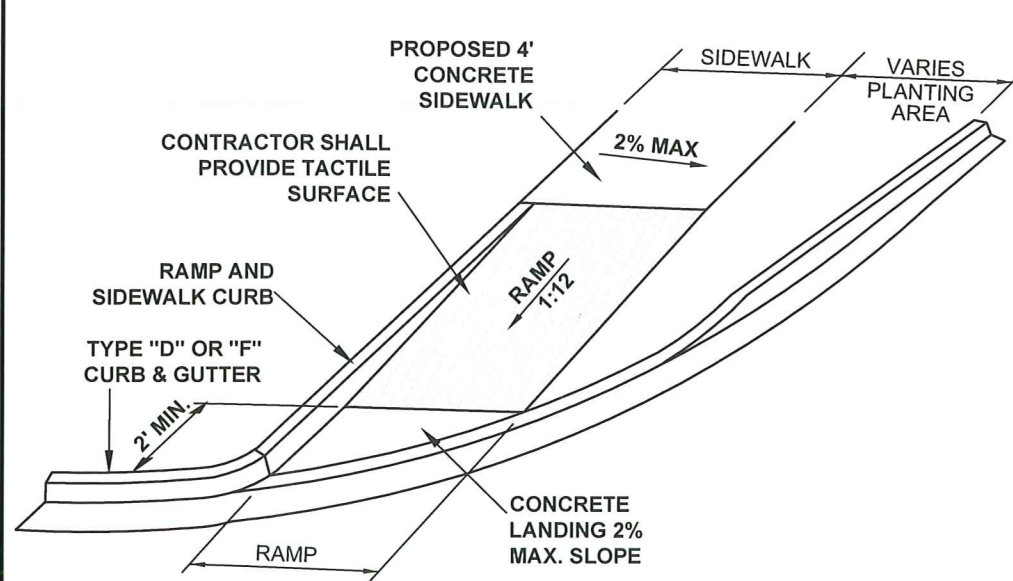
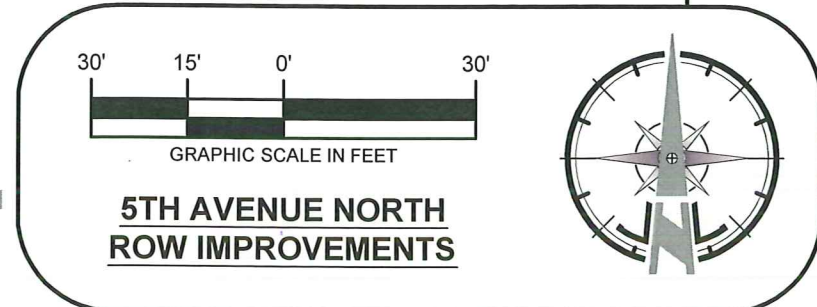
SHEET TITLE: MASTER SITE, SIGNING, STRIPING & PARKING PLAN - DETAILS
 PLANSET TITLE: CONSTRUCTION PLANS
 PROJECT NAME: 5TH AVENUE NORTH ROW IMPROVEMENTS

NO.	REVISIONS	DATE

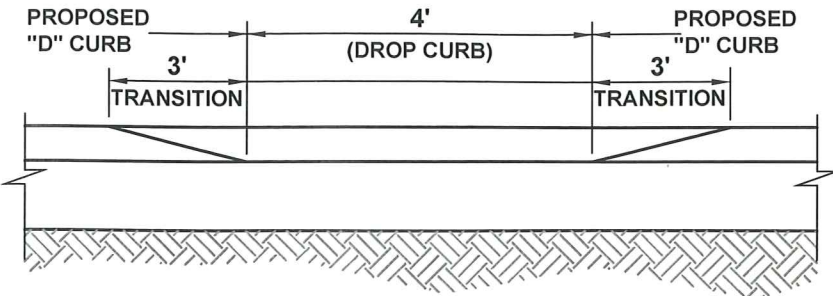
DESIGN: J.N.L.
 DRAWN: C.M.
 SCALE-HORIZ.: AS SHOWN
 SCALE-VERT.: AS SHOWN
 GEI PROJECT No.: 349

LEGEND

- EXIST. ASPHALT PAVMT.
- EXIST. CONC. WALK (5'-WIDE)
- PROP. NEW ASPHALT PAVMT.
- PROP. NEW CONC. WALK (4'-WIDE)
- LIMITS OF IMPROVEMENTS
- PROPOSED FLOW
- EXISTING GRADES
- PROPOSED GRADES

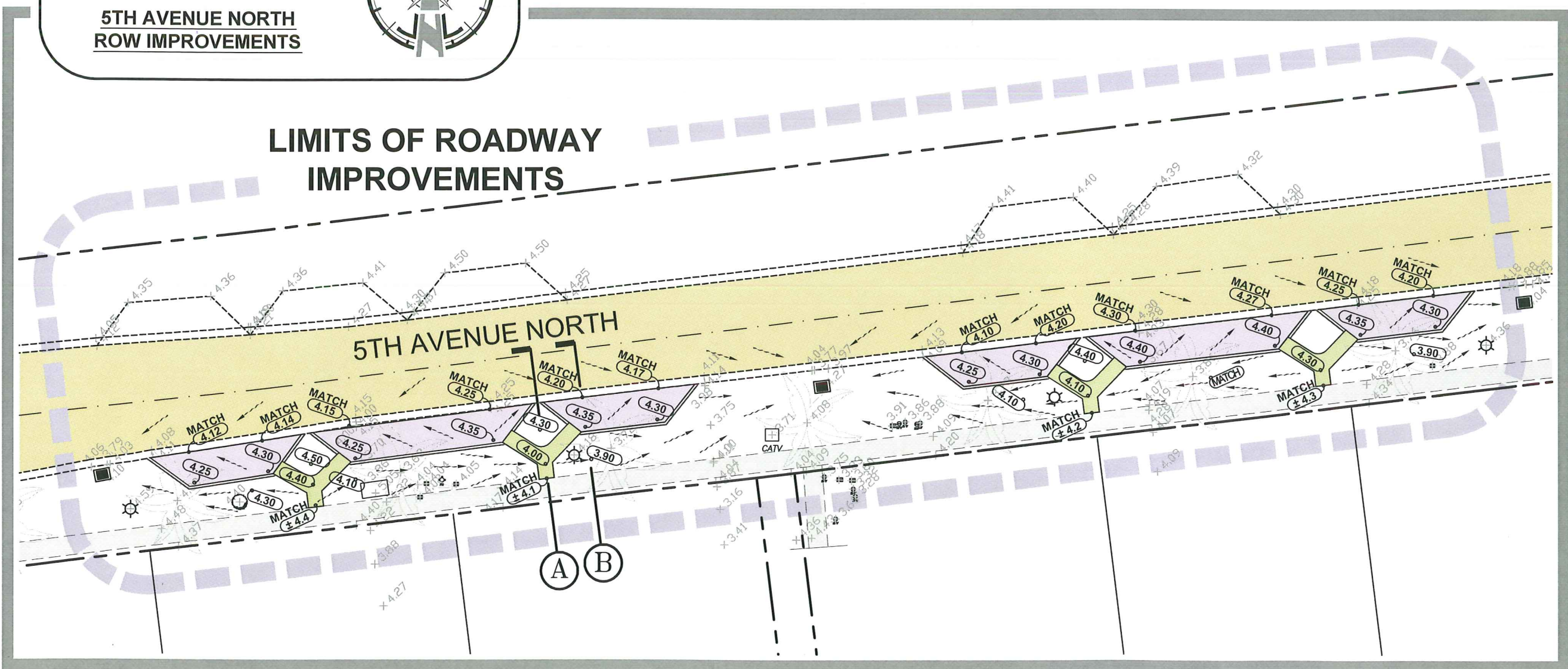


CURB RAMP (FDOT INDEX 304) CR 21
N.T.S.

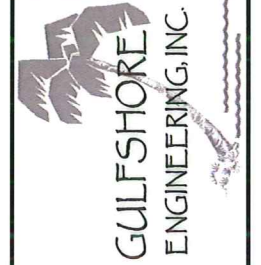


1. A CURB CUT RAMP FACILITY FOR ADA ACCESSIBILITY SHALL BE CONSTRUCTED AT ALL SITES WHERE SIDEWALKS CROSS CURB. FINAL LOCATION TO BE FIELD STAKED BY LANDSCAPE ARCHITECT AND APPROVED BY COUNTY ENGINEER.
2. SIDEWALK AND CURB RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST ADA AND FDOT DESIGN STANDARDS INDEX.
3. CONTRACTOR SHALL PROVIDE TACTILE SURFACE (ON THE FULL WIDTH OF THE PEDESTRIAN CROSSING AND 2' DEEP IN ACCORDANCE WITH LATEST FDOT DESIGN STANDARDS INDEX (SECTION 304, SHEET No. 6) OR APPROVED EQUAL DETECTABLE WARNING SURFACE TILE MOLDING OR ADA CONCRETE PAVER BRICKS.

**TYPICAL DROP CURB FOR ADA
ACCESSIBLE RAMP DETAIL**
N.T.S.



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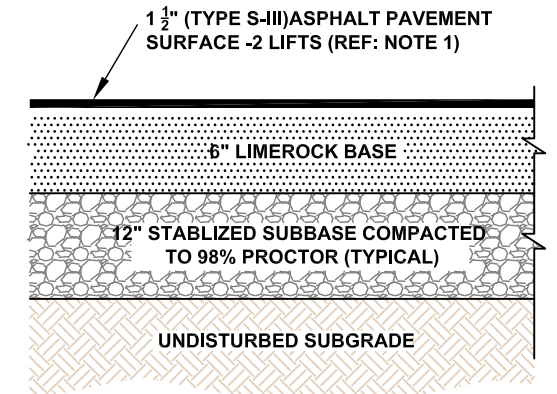
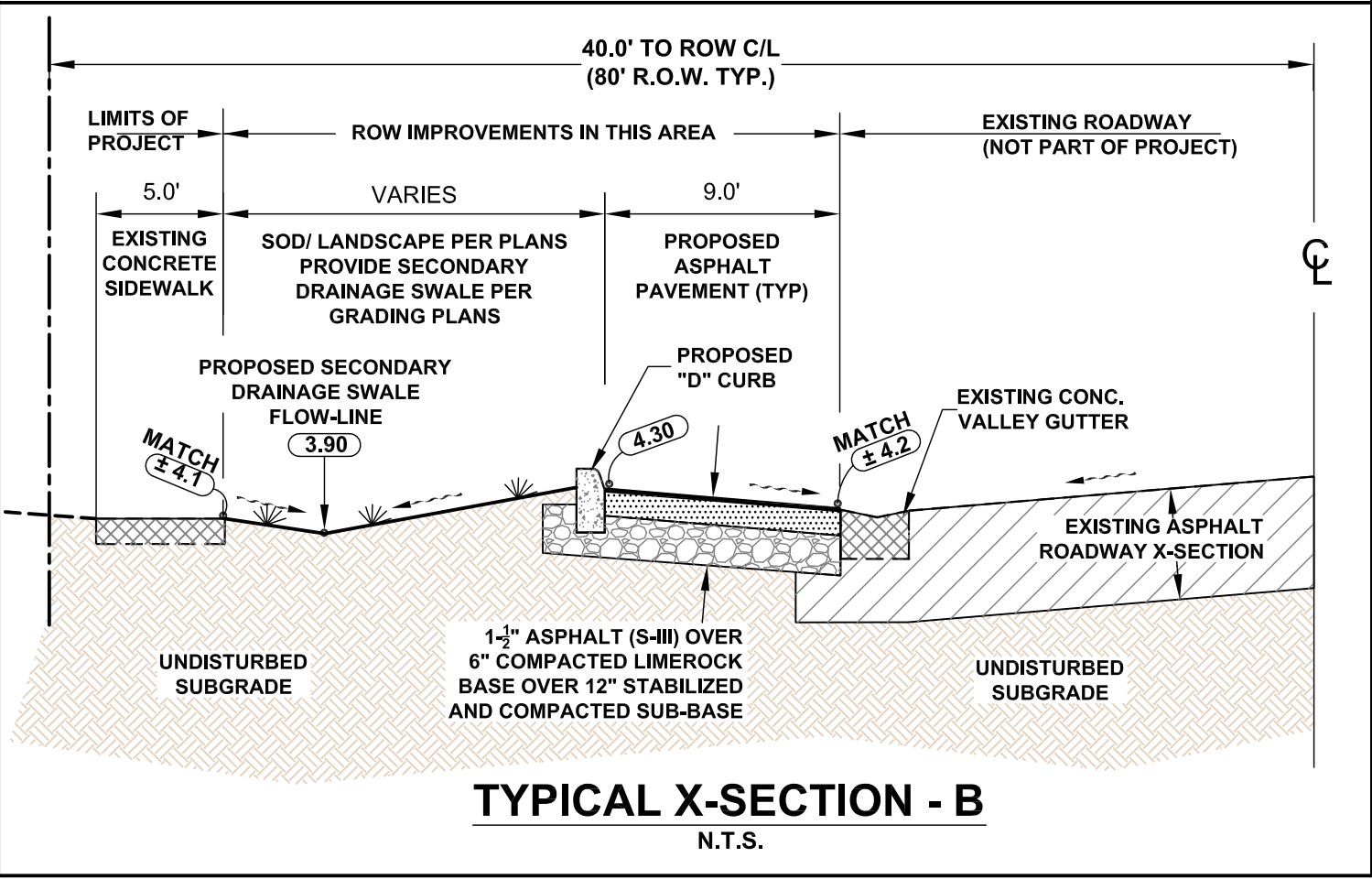
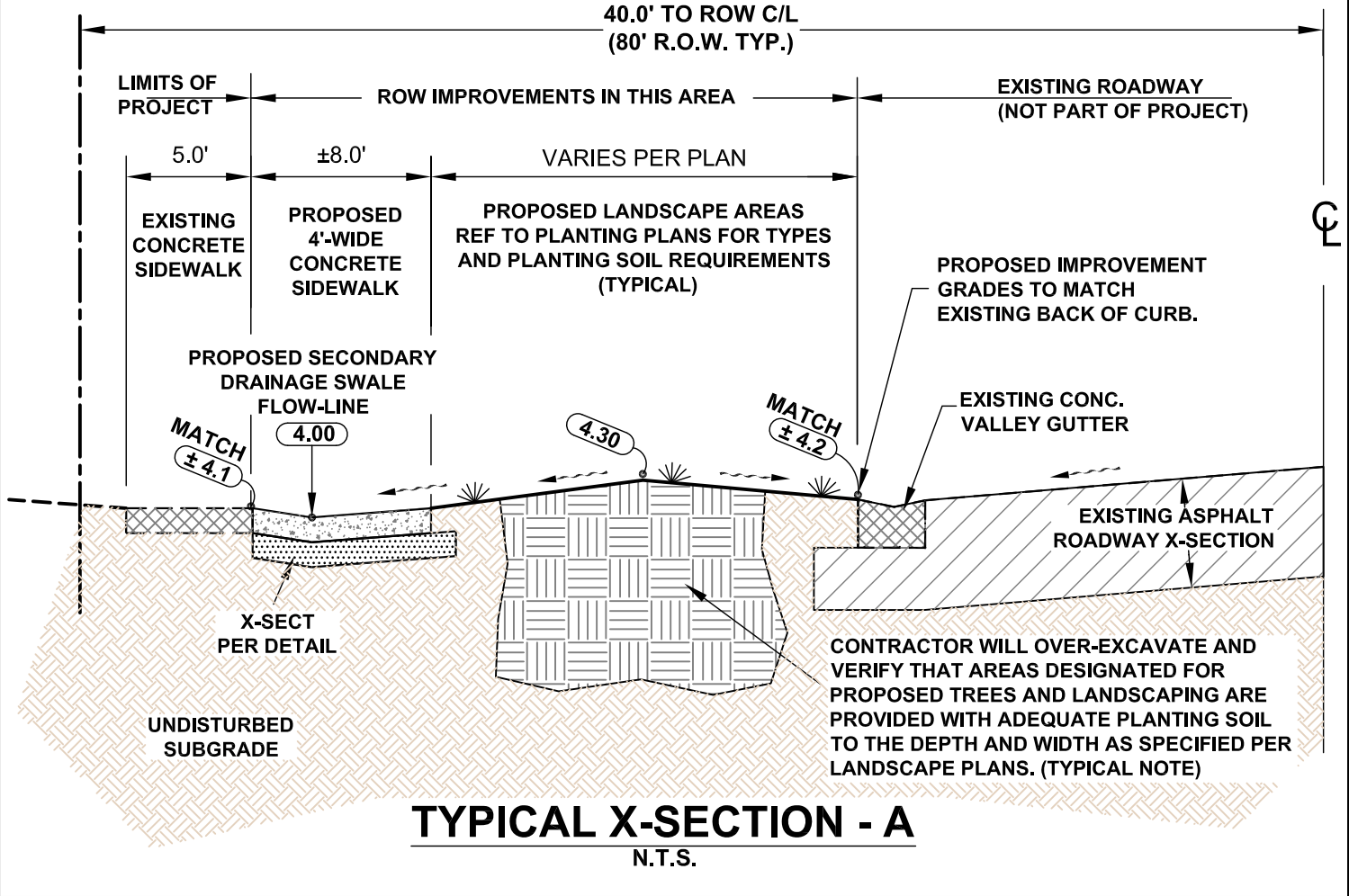


SHEET TITLE: PAVING, GRADING & DRAINAGE PLAN
 PLANSET TITLE: CONSTRUCTION PLANS
 PROJECT NAME: 5TH AVENUE NORTH ROW IMPROVEMENTS

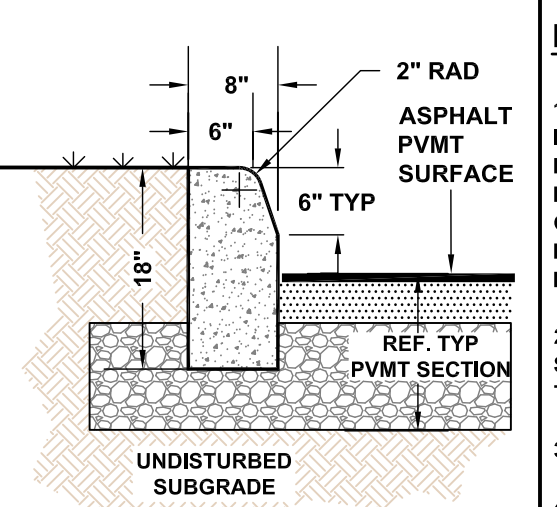
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DESIGN: J.N.L.
 DRAWN: C.M.
 SCALE-HORIZ.: AS SHOWN
 SCALE-VERT.: AS SHOWN
 GEI PROJECT No.: 349
 SHEET NO.

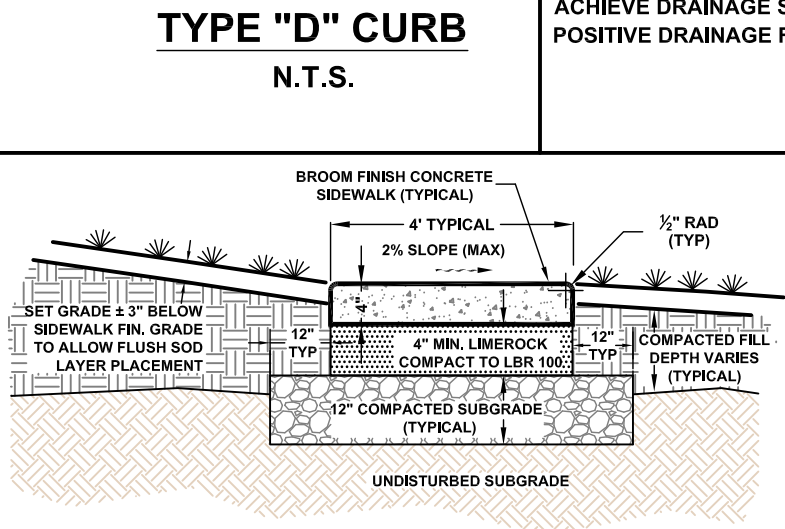
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- ASPHALT PAVEMENT-PARKING NOTES:**
1. ASPHALTIC CONCRETE PAVEMENT (TYPE S-III) TO BE LAID IN TWO EQUAL (3/4") LIFTS TYPICAL TREATMENT. ALTERNATE SINGLE ASPHALT APPLICATION METHOD FOR WORK IN CONSTRAINED AREAS IS ALLOWABLE WITH PRIOR ENGINEER APPROVAL.
 2. 6-INCH LIMEROCK BASE TO BE COMPACTED TO A MINIMUM OF 98% MAXIMUM DRY DENSITY AND BE A MINIMUM LBR 100.
 3. STABILIZED SUBBASE TO BE COMPACTED TO A MINIMUM OF 98% MAXIMUM DRY DENSITY AND BE A MINIMUM LBR 40 AFTER MIXING.
 4. STABILIZED SUBBASE AND LIMEROCK BASE LAYERS TO EXTEND 12" AND 6" RESPECTIVELY PAST EDGE OF PAVEMENT (E.O.P.). WHERE CURBING IS PRESENT, STABILIZED SUBBASE TO EXTEND 12" PAST BACK OF CURB (B.O.C).
 5. FOR ALTERNATE TO STABILIZED SUBBASE A 5-1/2" LIMEROCK BASE LAYER MAY BE SUBSTITUTED; CONTRACTOR WILL MAINTAIN SPECIFICATIONS CONSISTENT WITH PREVIOUS PERTINENT SECTIONS SHOWN HEREON.



- PAVING, GRADING & DRAINAGE NOTES:**
1. PLEASE NOTE THAT ALTHOUGH THE EXISTING INFORMATION SHOWN ON THESE PLANS HAS BEEN PREPARED FROM THE MOST RELIABLE INFORMATION AVAILABLE TO THE ENGINEER, LOCATION OF UTILITIES SHOWN IS NOT GUARANTEED. THE CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES IN THE FIELD PRIOR TO THE START OF ANY CONSTRUCTION.
 2. ALL EXISTING AND FUNCTIONAL INLETS, CULVERTS, SWALES AND RETENTION AREAS ARE TO BE MAINTAINED THROUGHOUT THIS WORK.
 3. ELEVATIONS GIVEN ARE BASED ON THE NGVD 1929 DATUM.
 4. CONTRACTOR WILL GRADE ALL OPEN SPACE AREAS TO ACHIEVE DRAINAGE SCHEME SHOWN AND TO ALLOW FOR POSITIVE DRAINAGE FLOW.



1. MAXIMUM LONGITUDINAL RAMP SLOPE FOR DISABLED ACCESSIBLE HANDICAPPED SIDEWALK WILL BE MAX 1:16.
2. SIDEWALK CONCRETE WILL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI IN 28 DAYS.
3. SIDEWALK WILL BE PROVIDED WITH CONTROL JOINTS @ 5' O.C.; EXPANSION JOINTS @ 100' O.C.

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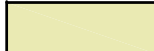





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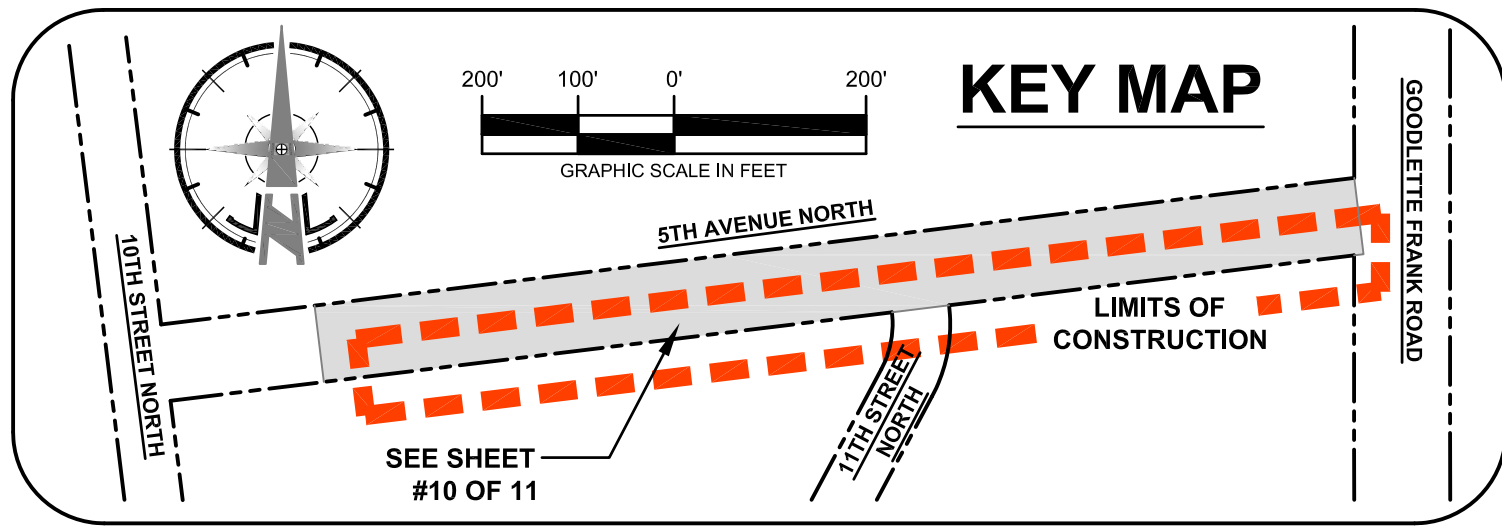
PLANSET TITLE: CONSTRUCTION PLANS

PROJECT NAME: 5TH AVENUE NORTH ROW IMPROVEMENTS

REVISIONS		DATE:	DESIGN:	J.N.L.
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			GEI PROJECT No.:	349
			SHEET NO.	

EXHIBIT E
LEGEND

-  EXISTING ASPHALT PAVEMENT
-  EXISTING CONCRETE WALK (5'-WIDE)
-  PROPOSED NEW ASPHALT PAVEMENT
-  PROPOSED NEW CONCRETE WALK
-  LIMITS OF CONSTRUCTION
-  INLET PROTECTION

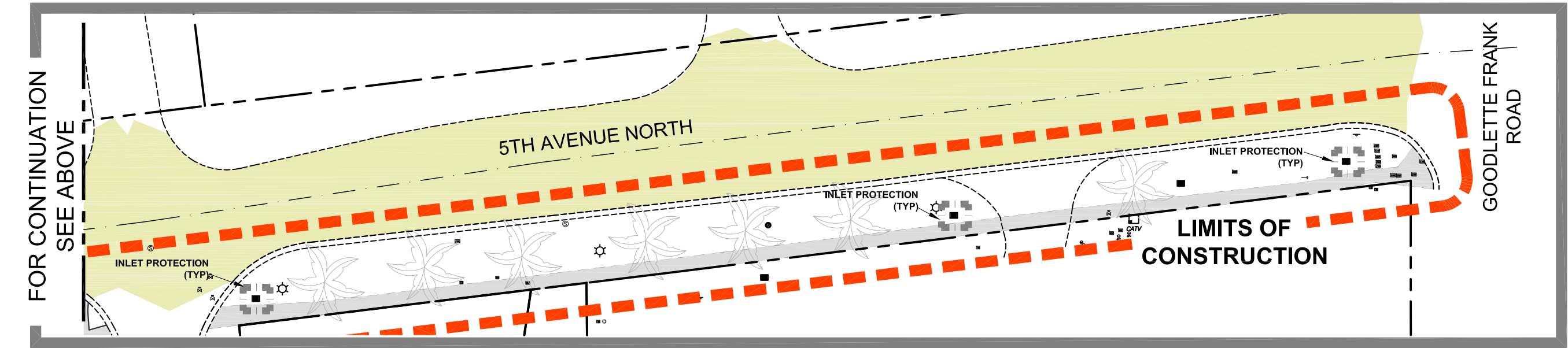
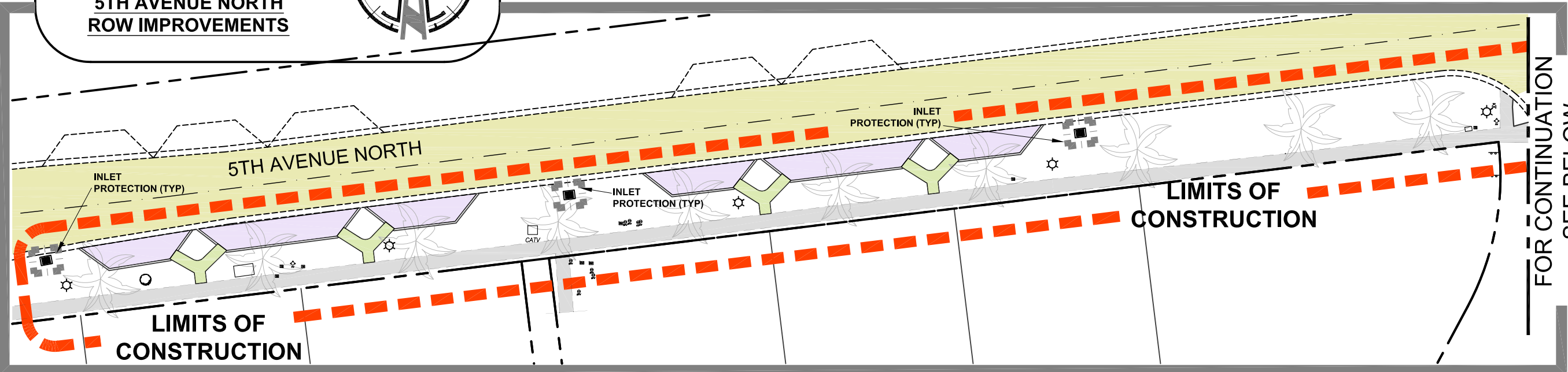
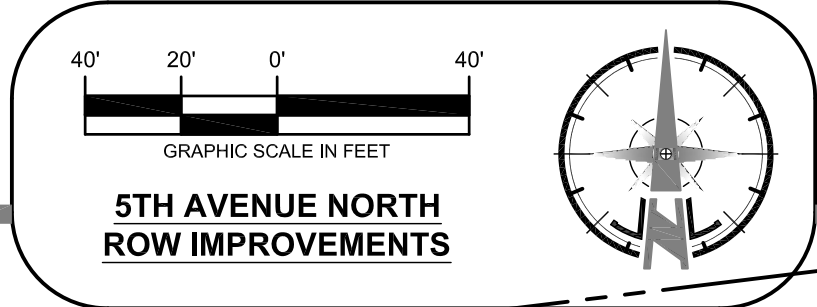


PLEASE NOTE!

PROJECT LIMITS - ADDITIONAL WORK NOT SHOWN!

ROADWAY AND PAVING IMPROVEMENTS SHOWN HERE INCLUDE EIGHT (8) PROPOSED PARKING SPACES AND ASSOCIATED SIDEWALKS, LANDSCAPING AND IRRIGATION. PLEASE REFER TO THE LANDSCAPE PLANS FOR ADDITIONAL PROJECT IMPROVEMENTS NOT SHOWN HERE, WHICH INCLUDE:

1. ADDITIONAL LANDSCAPING AND IRRIGATION ALONG THE SOUTH RIGHT OF WAY OF 5TH AVENUE NORTH TO GOODLETTE-FRANK.
2. ADDITIONAL CONSTRUCTION OF A SINGLE (1) OFF-STREET PARKING SPACE CONSISTING OF CRUSHED SHELL MATERIAL ONLY, LOCATED AS SHOWN ON LANDSCAPING PLANS ELSEWHERE ON THE SOUTH RIGHT OF WAY OF 5TH AVENUE NORTH.



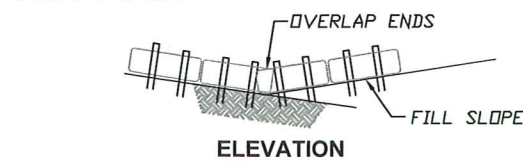
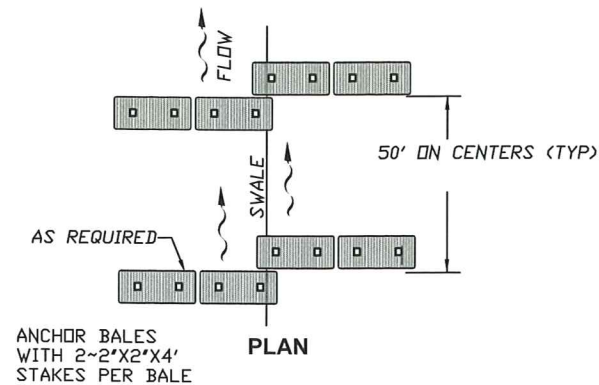
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Naples, FL 34103
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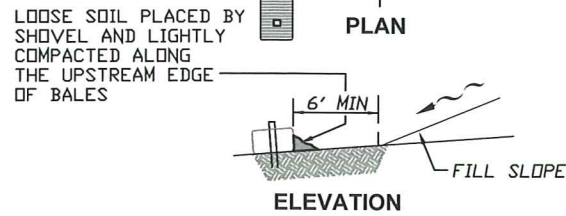
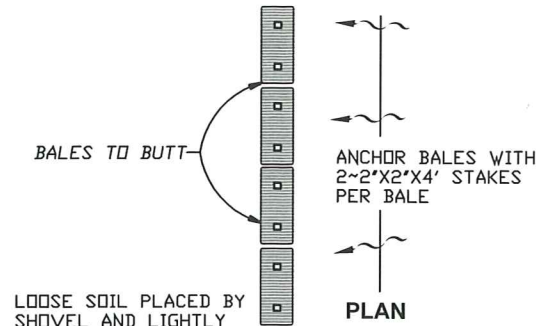
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PLANSSET TITLE:	CONSTRUCTION PLANS
PROJECT NAME:	5TH AVENUE NORTH ROW IMPROVEMENTS

NO.	REVISIONS DESCRIPTION	DATE
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DESIGN: J.N.L.
DRAWN: C.M.
SCALE-HORIZ.: AS SHOWN
SCALE-VERT.: AS SHOWN
GEI PROJECT No.: 349
SHEET NO. 10 OF 11

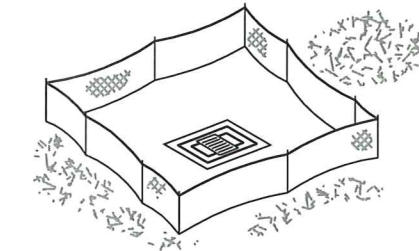
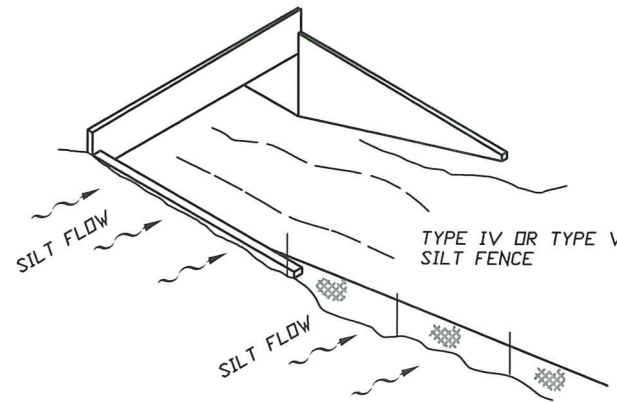


NOTE:
TO BE USED AT SELECTED SITES WHERE THE NATURAL GROUND SLOPES TOWARDS THE TOE OF SLOPE



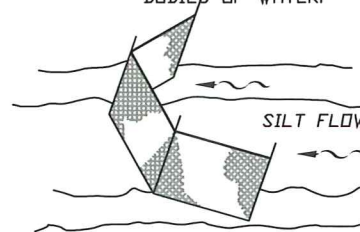
NOTE:
TO BE USED AT SELECTED SITES WHERE THE NATURAL GROUND SLOPES AWAY FROM THE TOE OF SLOPE

BARRIERS FOR FILL SLOPES

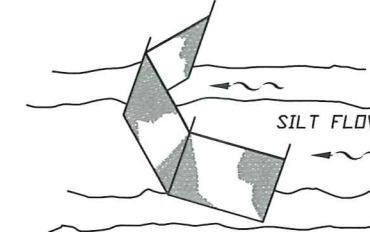


TYPE IV OR TYPE V SILT FENCE PROTECTION AROUND DITCH BOTTOM INLETS

NOTE!
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.



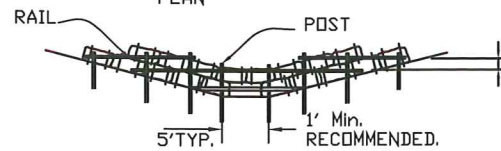
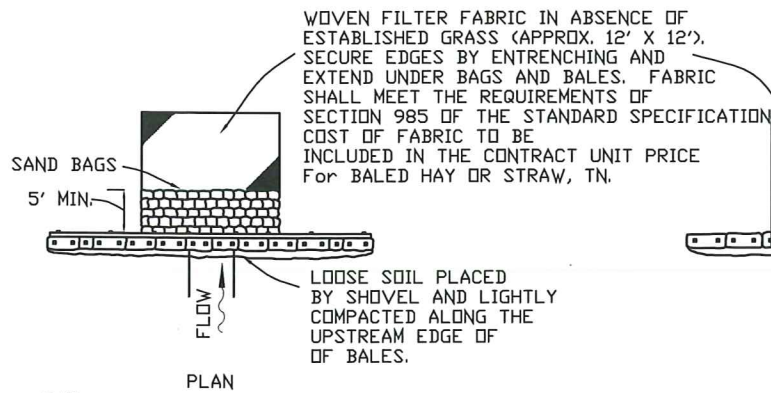
TYPE IV SILT FENCE



TYPE V SILT FENCE

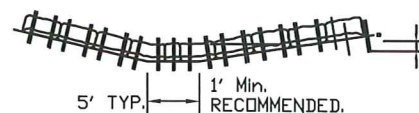
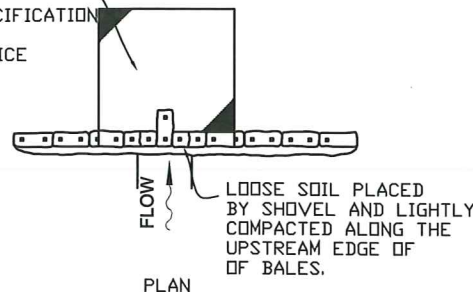
TYPICAL SILT FENCE APPLICATIONS

BALED HAY OR STRAW BARRIER AND SILT FENCES



ANCHOR LOWER BALES WITH 2 - 2' X 2' X 4' STAKES PER BALE.
ANCHOR TOP BALES TO LOWER BALES WITH 2 - 2' X 2' X 4' STAKES PER BALE.

ELEVATION

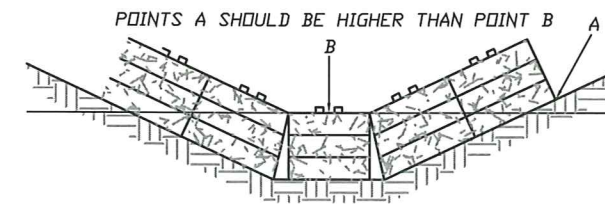


ANCHOR LOWER BALES WITH 2 - 2' X 2' X 4' STAKES PER BALE.

ELEVATION

APPLICATION AND SPACING: THE USE OF TYPES I & II BALE BARRIERS SHOULD BE LIMITED TO THE CONDITIONS OUTLINED IN CHART I, SHEET 1 OF TYPE II 3, INDEX NO. 102

BARRIER FOR UNPAVED DITCHES



PROPER PLACEMENT OF A STRAW BALE BARRIER IN DRAINAGE WAY - BMP 1.05

EROSION CONTROL NOTES:

1. PRIOR TO COMMENCEMENT OF CONSTRUCTION, APPROPRIATE EROSION CONTROL DEVICES SHALL BE INSTALLED TO CONTROL AND REDUCE SOIL EROSION AND SEDIMENT TRANSPORT TO OFF SITE AREAS. THE CONTRACTOR SHALL MAINTAIN THESE DEVICES THROUGHOUT THE DURATION OF CONSTRUCTION. ALL DEVICES SHALL REMAIN IN PLACE UNTIL PERMANENT EROSION CONTROL IS ESTABLISHED. THESE DETAILS REPRESENT TYPICAL BEST MANAGEMENT PRACTICES FOR SOIL EROSION CONTROL.
2. THE CONTRACTOR SHALL SUPPLEMENT THIS PLAN AS NEEDED TO CONTROL AND REDUCE SOIL EROSION BASED ON THE CONTRACTORS MEANS, METHODS AND TECHNIQUE OF CONSTRUCTION. THE CONTRACTOR SHALL ALSO FILE AN NPDES (NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM) NOTICE OF INTENT WITH THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION AND LEE COUNTY DEVELOPMENT SERVICE DIVISION AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION.

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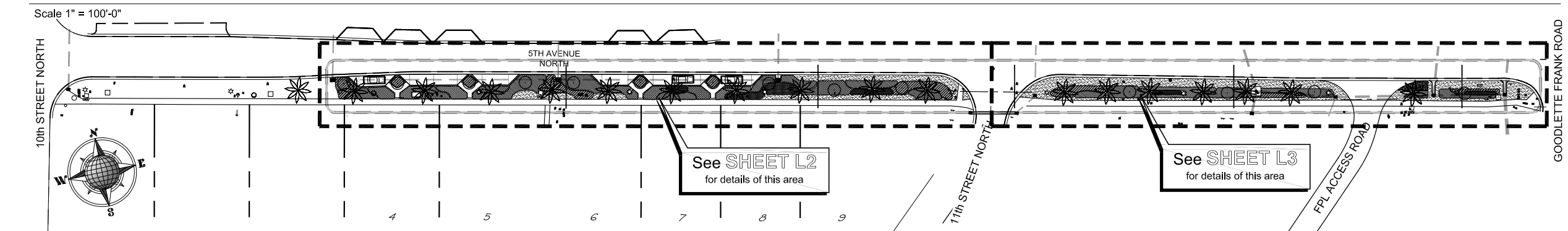
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PLANSET TITLE: CONSTRUCTION PLANS
PROJECT NAME: 5TH AVENUE NORTH ROW IMPROVEMENTS

NO.	REVISIONS DESCRIPTION	DATE
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DESIGN: J.N.L.
DRAWN: C.M.
SCALE-HORIZ.: AS SHOWN
SCALE-VERT.: AS SHOWN
GEI PROJECT No.: 349

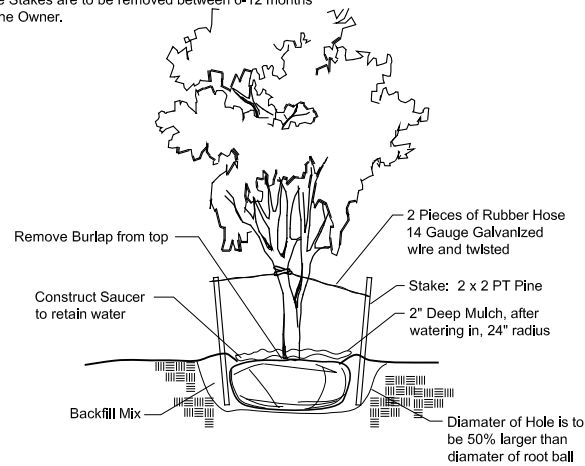
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Site Plan



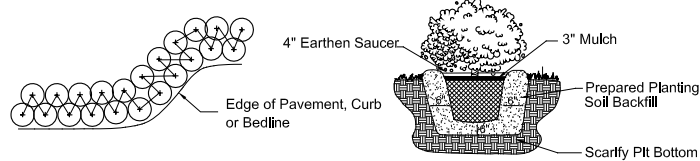
Tree Staking Detail

Tree Stakes are to be removed between 6-12 months by the Owner.



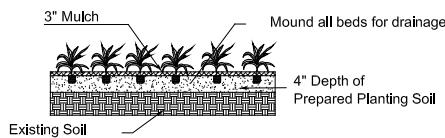
Shrub & Groundcover Planting Detail

NTS
Note: All Shrubs And Groundcovers Shall Be Triangular Spaced Along Straight Edges And Will Be Planted In Parallel Rows Along Curved Edges.



Groundcover & Annual Detail

NTS
NOTE: Annuals Are To Be Planted As Per Groundcover Detail Excluding Mulch.



Notes

All Plants shall be Florida No.1 Contractor Shall be familiar w/ the Landscape code and shall comply with all of its applicable requirements. Contractor shall verify all quantities Indicated at time of bid. Contractor shall provide unit prices at time of bid. All contractors working on the project shall be licensed and fully insured as required. Tree and palm staking shall be removed between 6 and 12 months after planting.

Plant List

Trees

Qty	Sym	Botanical Name	Common Name	Specification	Spacing	Native	Maintenance
14	IA10	Ilex attenuata	East Palatka Holly	10'x 4' x 2" cal single trk		Y	Maintain tree form, remove dead branches only.

Shrubs

Qty	Sym	Botanical Name	Common Name	Specification	Spacing	Native	Maintenance
60	DIA3	Dianella tasmanica 'var'	Flax Lily 'var'	3 gallon 20"	36" oc	N	Remove Dead Leaves
370	FIM3	Ficus microcarpa	Green Island Ficus	3 gal 12"	36" oc	N	Maintain 18"-24"
62	JAS3	Jasmine simplicifolium	Wax Jasmine	3 gallon 18"	36" oc	N	Maintain 24"-30"
585	RAP3	Raphirolepis indica	Indian Hawthorne	3 gallon 16"	36" oc	N	Maintain 24" ht

Groundcovers

295	JUP3	Jun. chinensis 'Parsoni'	Parson's Juniper	3 gallon 12" spd	36" oc	N	Maintain Beds weed free.
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Miscellaneous

5500	SOD1	Stenotaphrum secundatum	St. Augustine Florim Sod	Certified Disease & Insect Free			Mow turf 46 times per year
9000 sf	MUL2	Pro-Eucalyptus Grade A	Pro-Eucalyptus Grade A	3" thick			Mulch on an annual basis, replenish areas as necessary
150 sf	SHELL	Crushed Shell	Crushed Shell	3"-4" thick set on fabric			

Planting Specifications

QUALITY: All plants shall be Florida No.1 or better as given in Grades & Standards for Nursery Plants, Parts I and II, latest edition published by the Florida Department of Consumer Services.

RESEARCH: Contractor shall research plans and site to determine present location of utilities and obstructions before commencing work. Contractor shall ensure that before he commences work that all necessary permits have been obtained.

The contractor shall personally examine the project site and fully acquaint himself with all of the existing conditions in order that no misunderstanding may occur.

No Additional compensation will be granted, after bid has been let for any hardships the contractor may encounter in the performance of his duty. Any discrepancies or errors not addressed at the time of bid.

DRAWINGS: Drawings are part of this contract. Any discrepancies between the drawings and specifications shall be brought to the attention of the owner at time of bid.

SCOPE: Under this contract, the work consists of furnishing all labor, material, equipment, transportation, etc., to complete all landscaping work as shown on the Drawings, as Included in the Plant List and as herein specified. Work shall include all construction and maintenance/watering of all planting areas of this Contract until accepted by the Owner.

The contractor shall be responsible for all planting/maintenance of plants until acceptance by Owner. Contractor shall protect all existing structure, plants etc., from damage during the construction process.

All damage shall be repaired at the contractors expense

WARRANTY: All trees shall be warranted for a period of 1 year. All shrubs and groundcovers shall be warranted for a period of 90 days, and sod shall be warranted for a period of 30 days. Warranty begins at time of acceptance. All warranties shall be provided to the owner.

REPLACEMENT: All plant replacements shall be done with the same size and species of plant that was specified.

SAMPLES: Samples of any landscape material may be required for approval on the site or as otherwise determined by the Owner. Upon approval of samples (i.e. mulch, planting soil, plant varieties, etc.) by the Owner, delivery of material may begin. Approved samples shall be stored on the site and protected until furnishing of materials is completed. Plant samples be planted in permanent positions, but labeled as samples.

SUBSTITUTIONS: Any substitutions made for any reason must be approved by the owner.

WATER: It is the contractors responsibility to obtain and adequately water the plants during the duration of the Installation phase. All plants shall be freshly dug, healthy and be well branched, free from disease and insects.

CONTAINER GROWN MATERIAL: All container grown materials shall be healthy vigorous, well rooted plants, and established in the container so that the root mass will retain its shape and hold together when removed from the container.

PALMS: Only a minimum number of fronds shall be removed from the crown of palm trees to facilitate moving and handling. Cabbage palm heads shall be tied with a burlap strip per the following procedure: The first (inside) row of fronds contiguous to bud shall be removed. The next 3-4 rows shall be tied to bud for support. The remaining (lower) fronds shall be removed. Tied fronds and bud tip shall not be clipped. Burlap strip shall be left in place until the tree is well established.

PALMS: Clear trunk (c.t.) shall be measured from the ground at time of installation to the point where the mature aged trunk joins the immature green portion of the tree. Caliper shall be measured at breast height. Overall height (OA) shall be measured from the ground at the time of installation to a point one-quarter the length of the unopened bud below the bud tip.

SHADE TREES: Height shall be measured from the ground to the avg. height of canopy. Spread shall be measured to the average outer edge. Single trunk trees shall be free from low-crochets.

SHRUBS: Height shall be measured from the ground to the average point where mature plant growth stops. Spread shall be measured to the end of branching equally across the shrub mass. Measurements are not to include any terminal growth.

SOD: Sod shall be measured on the basis of square footage. Contractor shall be responsible for coverage of the square footage shown on the plans.

SOD: Time delivery so that sod will be placed within 24 hours after.

MULCH: Apply 3" Pro-Eucalyptus Grade A mulch to all planting areas. Keep mulch from piling up along the base of the tree and shrubs. Mulch to be measured after compaction.

FINE GRADING: The landscape contractor shall be responsible for fine grading of the site. This means that the site shall be brought within 1" of final grade so that the landscape contractor will be able to perform final grading. All landscape areas, sod areas, are to be fine graded.

PLANT LAYOUT: All bed areas shall have planting laid out prior to planting. The Landscape Architect shall review all layout prior to planting. If the bed and shrub layout is not inspected prior to planting, the Landscape Architect reserves the right to relocate the plants.

SOIL

Planting beds shall contain good soil, complete with organic sand mix. There shall be no construction debris, rock larger than 1" within bed areas. Soil shall be dark grey-brown in organic color and shall have good drainage characteristics. Soil within planting beds shall not be compacted. All compacted sub-base/ shell is to be removed from all landscape areas.

All fill for planting shall be of suitable landscape quality, organic content w/ sand mix, with good percolation qualities.

FERTILIZER: Two fertilizers shall be used in all types of plantings except palms. Granular fertilizer shall be uniform in composition, dry and free flowing.

This fertilizer shall be 6-6-6 Nitrogen-Phosphorous-Potassium. Tablet Fertilizer (Agriform or equal) in 21 gr size, shall meet the following requirements: 20% Nitrogen, 10% Phosphorous, 10% Potassium. The two fertilizers will be applied at the following rates:

1. PLANT SIZE 6-6-6 "AGRIFORM" TABLET (21 GRAM)

3 gal.	1/3 lb.	2
1"-6" caliper	2 lbs./1" cal.	2/1" caliper

2. Magnesium sulfate or "Palm Special" will be applied to all palms at installation at a rate of 1/2 lb. per inch of trunk caliper.

PRUNING: Each plant shall be pruned to complement the natural character of the tree. All dead and brown fronds, leaves, branches shall be removed.

TREE GUYING AND BRACING: Firmly stake or guy all trees in accordance with the plans and planting details immediately after planting to prevent wind damage.

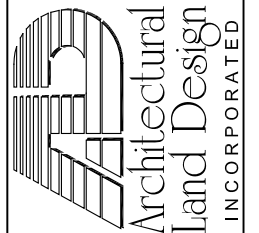
WEED CONTROL: All landscape areas shall be free of nut grass, torpedo grass, and other noxious weeds.

PLANT MAINTENANCE: Contractor shall maintain all plants until final acceptance by owner.

CLEAN-UP: Contractor shall clean site area every day. The site shall be devoid of all rubbish, landscape debris, containers.

Site Preparation Notes

- Contractor to hand grade site prior to planting.
- Contractor to remove all existing turf/weeds from site.



Christian Andrea
License No. 1178
2780 S. Horseshoe Dr., Suite 5
Naples, FL 34104
(239) 430-1661
www.alidinc.net

SHEET TITLE: PLANTING PLAN 1

PLANSET TITLE: LANDSCAPE PLANS

PROJECT NAME:

5TH AVENUE NORTH
ROW IMPROVEMENTS

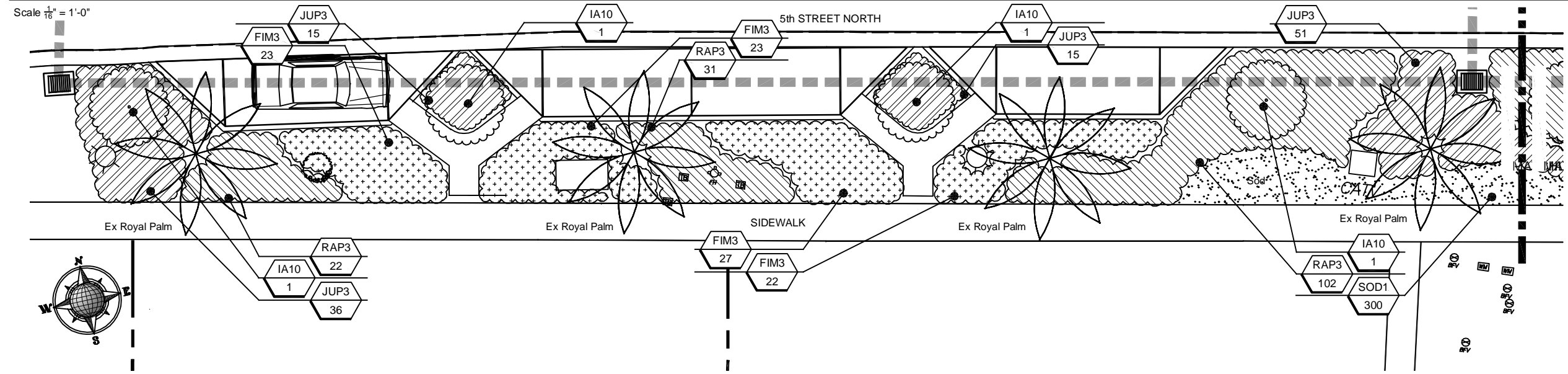
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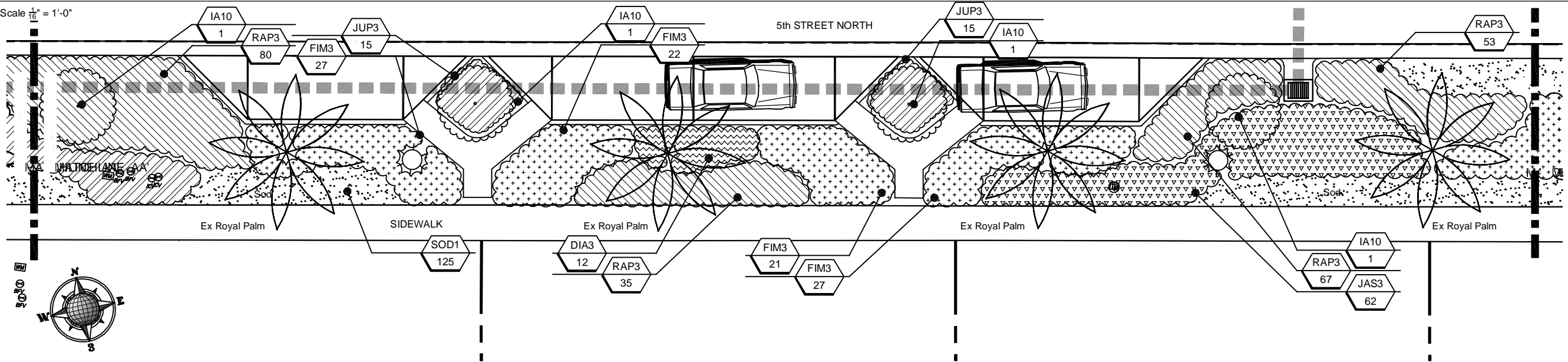
L1 OF 6

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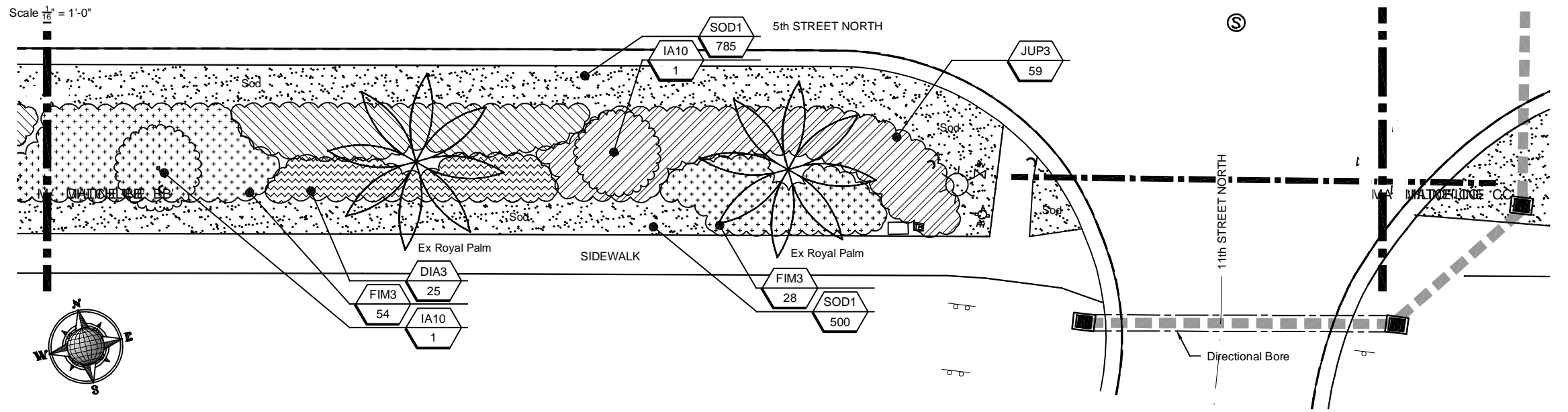
Planting Plan - From Western Limit of Work to Matchline AA'



Planting Plan - From Matchline AA' to Matchline BB'

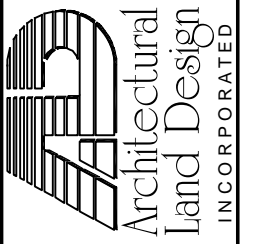


Planting Plan - From Matchline BB' to Matchline CC' (11th Street North)



Christian Andrea
License No. 1178

2760 S. Horseshoe Dr., Suite 5
Naples, FL 34104
(239) 430-1661
www.adland.com



SHEET TITLE: **PLANTING PLAN 2**
 PLANSET TITLE: **LANDSCAPE PLANS**
 PROJECT NAME: **5TH AVENUE NORTH ROW IMPROVEMENTS**

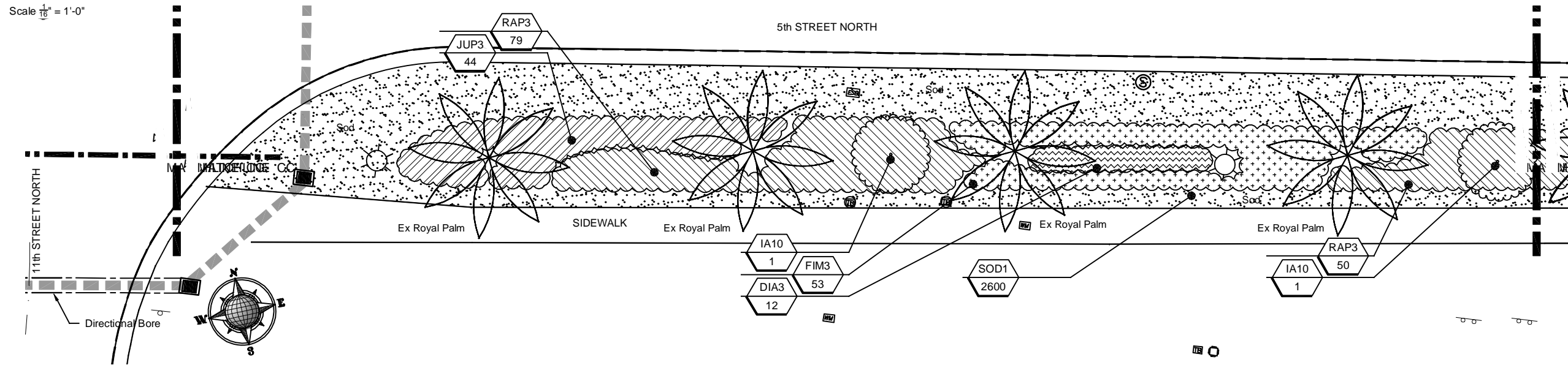
NO.	REVISIONS	DATE
1	DESIGN	
2	DRAWN	
3	SCALE-HORIZ.	
4	SCALE-VERT.	
5	GEI PROJECT No.	

DESIGN: C.A.
 DRAWN: tpb
 SCALE-HORIZ.: AS SHOWN
 SCALE-VERT.: AS SHOWN
 GEI PROJECT No.: 349

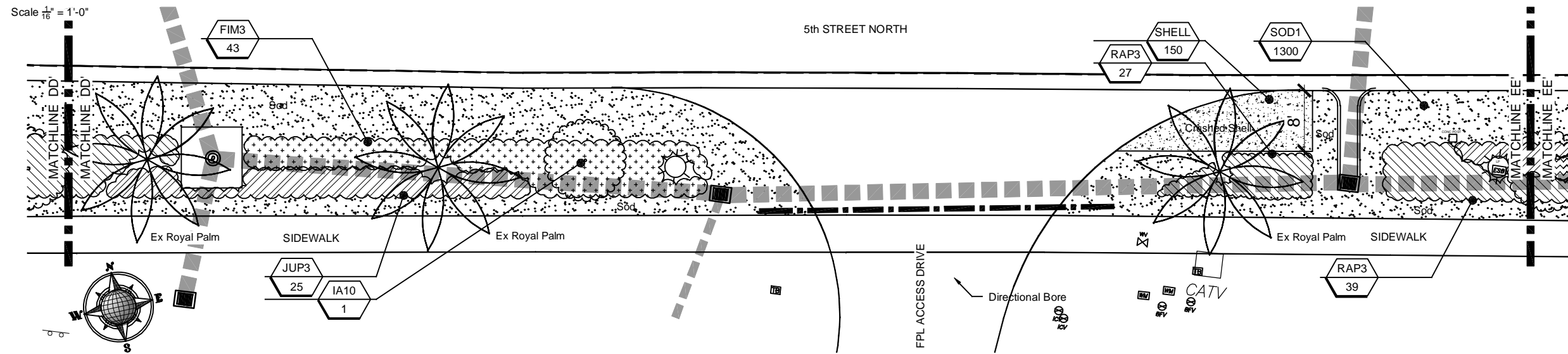
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EXHIBIT F

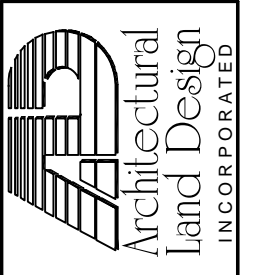
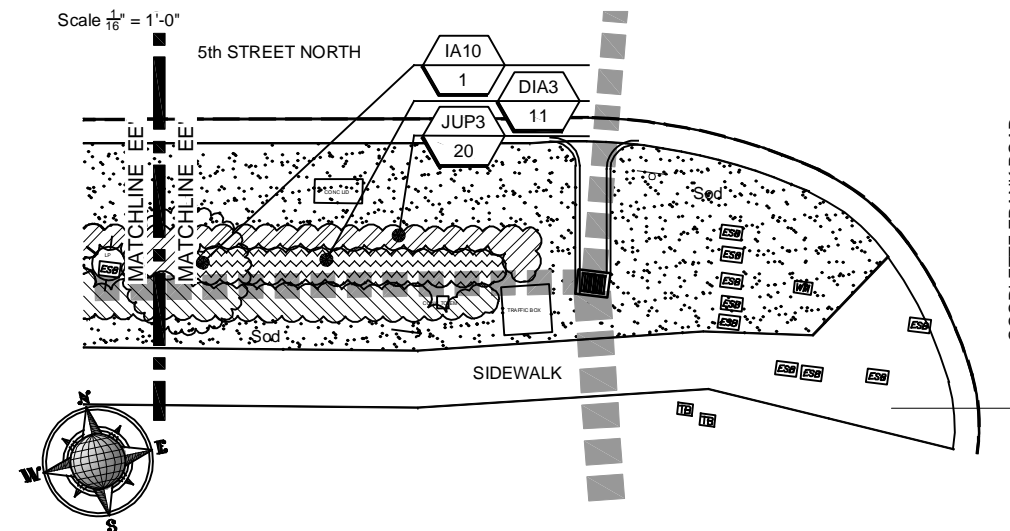
Planting Plan - From Matchline CC' (11th Street North) to Matchline DD'



Planting Plan - From Matchline DD' to Matchline EE'



Planting Plan - From Matchline EE' to Goodlette Frank Road



2786 S. Horseshoe Dr., Suite 5
Naples, FL 34104
(239) 430-1981
www.aldfirm.com

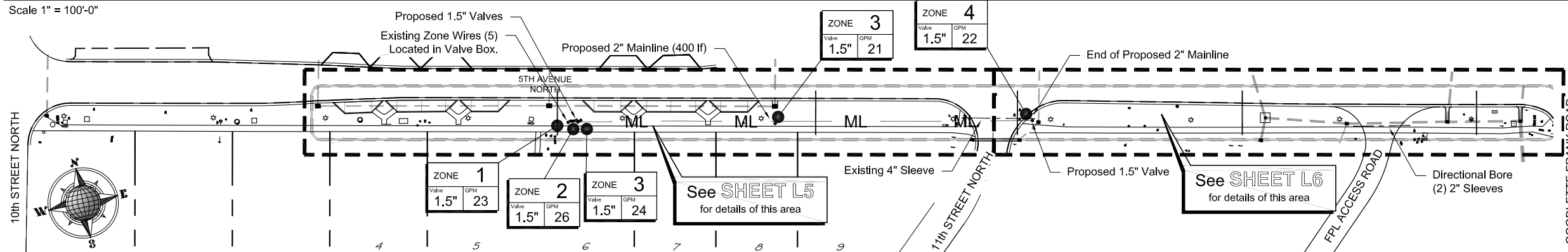
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SHEET TITLE:	PLANTING PLAN 3
PLANSSET TITLE:	LANDSCAPE PLANS
PROJECT NAME:	5TH AVENUE NORTH ROW IMPROVEMENTS

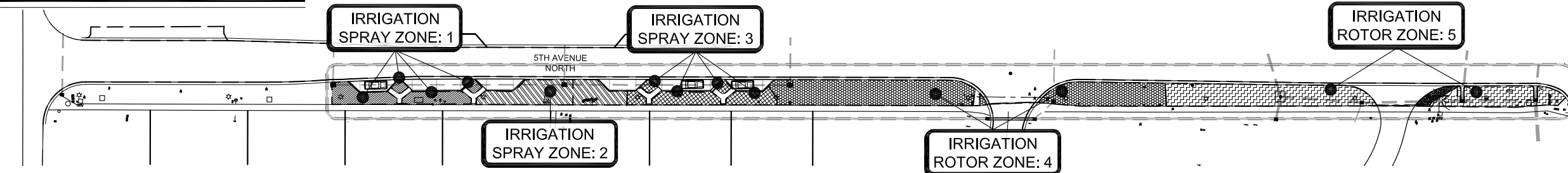
NO.	REVISIONS	DATE:

Site Plan

Scale 1" = 100'-0"



Irrigation Zone Map Site Plan



Irrigation Specifications

Sprays	Qty	GPM	T Flow (GPM)	Run Time	Gallons	Manufacturer	Type	Pattern
10FC	6	1.95	11.70	0:20	230	RainBird	6" Pop-Up	10' Radius Full Circle (360) Spray head
10QC	9	0.49	4.41	0:20	88	RainBird	6" Pop-Up	10' Radius Part Circle (90) Spray Head
12HC	36	1.42	51.12	0:20	1,020	RainBird	6" Pop-Up	12' Radius Half Circle (180) Spray Head
12QC	8	0.71	5.68	0:20	110	RainBird	6" Pop-Up	12' Radius Part Circle (90) Spray Head
12TC	4	2.13	8.52	0:20	170	RainBird	6" Pop-Up	12' Radius 3/4 Circle (270) Spray Head
15HC	9	1.86	16.74	0:20	330	RainBird	6" Pop-Up	15' Radius Half Circle (180) Spray Head
15QC	2	0.93	1.86	0:20	40	RainBird	6" Pop-Up	15' Radius Part Circle (90) Spray Head
Total	74		100.03		1,988			

Rotors	Qty	GPM	T Flow (GPM)	Run Time	Gallons	Manufacturer	Type	Pattern
32SA	58	0.80	46.40	0:45	2,088	RainBird	6" Pop-Up	Half Circle (180) Gear Driven Rotor Head

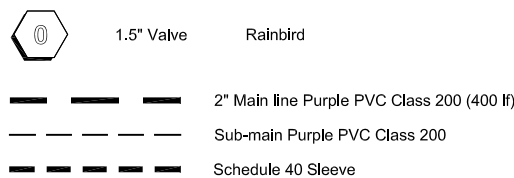
Average Water Output: 45 gpm
 Minimum Meter Size: 1.5 in
 Irrigation Main Line: 2" PVC Class 200 Purple

Zone Type and Count	Qty	Run Time
Spray:	3	1:00
Rotors:	2	1:30
TOTAL	5	2:30

Irrigation Zone List

Zone #	GPM	Valve	Type
1	23	1.5"	Spray
2	26	1.5"	Spray
3	24	1.5"	Spray
4	24	1.5"	Rotor
5	24	1.5"	Rotor

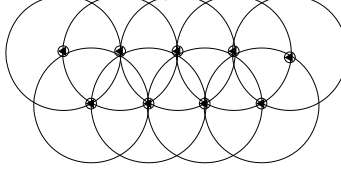
Irrigation Legend



2 Spare Wires are to be installed.
 All Wire shall be 14 gauge.

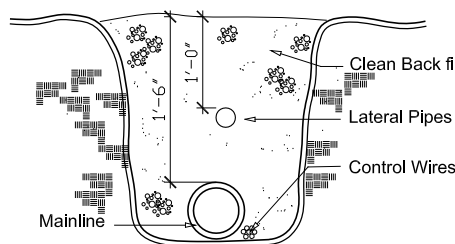
Irrigation Details

Irrigation heads shall be placed so that they provide head-to-head coverage 100% overlap.

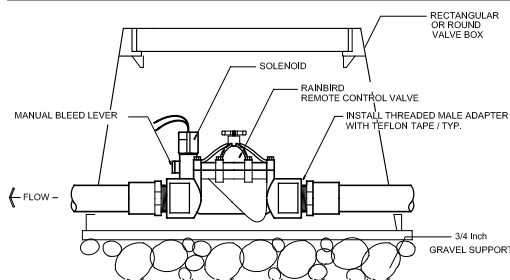


A Rain sensor shall be installed on the Irrigation system.

Main Line/ Valve Wire Detail



Typical Valve Detail



Pipe Size Chart

It shall be the contractors responsibility that the following pipe schedule is followed.

1/2" Pipe	0-5 gpm
3/4" Pipe	6-10 gpm
1" Pipe	11-16 gpm
1-1/4" Pipe	17-25 gpm
1-1/2" Pipe	26-40 gpm
2" Pipe	41-60 gpm

Specifications

The Contractor shall be responsible for providing a complete and operable system for the irrigation of all landscape planting on site. Plans and specifications may not indicate all items necessary for the proper irrigation of the project. This shall not relieve the contractor of his responsibility to furnish labor, materials and equipment required for a complete and proper system.

The Contractor shall be responsible for adjusting head location, type and size and any other system components to comply with the requirements of landscape planting as installed. Such adjustments shall be made at no cost to the Owner except when authorized in writing. Such adjustments will be compensated at the unit prices indicated in the proposal.

Contractors shall personally examine the site and fully acquaint themselves with all of the existing conditions in order that no misunderstanding may afterwards arise to the character or as to the extent of the work to be done; and likewise, in order to advise and acquaint themselves with all precautions to be taken in order to avoid injury to person or property.

PLANTING MATERIAL: The contractor shall make every possible effort to avoid existing plant material that has been tagged for preservation. Where such material falls in the path of trenching, the Contractor shall reroute the pipe or hand trench as necessary, to protect the designated plant material. Any damage caused by the contractor to newly introduced plant material or sod shall be restored to its original condition prior to final acceptance by owner.

SUBSTITUTIONS: Any substitution made must be approved by Owner.

All pipe and control lines shall be sleeved with Schedule 40 PVC and placed a minimum of 24" below grade and backfilled with clean sand. No rock is to be in contact with PVC pipe.

CODES AND STANDARDS: The contractor shall be responsible for constructing the system in complete accordance with all applicable codes ordinances and laws or any modifications made to conform with said codes, laws and ordinances shall be completed at the contractors expense at no additional cost to the Client.

The Irrigation Contractor is entirely responsible for the work until final acceptance by the Owner.

All circuit pipe shall be class 200 PVC or a higher grade.

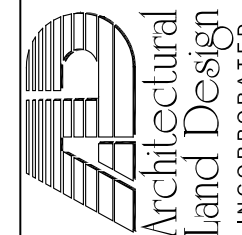
Contractor will guarantee for a period of one (1) year the quality of his materials and workmanship. This period will start with the final Acceptance by the Owner.

Notes

Contractor shall verify all quantities indicated at time of bid.
 Contractor shall provide unit prices at time of bid.
 All contractors working on the project shall be licensed and fully insured as required.
 Contractor is responsible to ensure that 100% Irrigation coverage exists.
 Contractor shall adjust heads and spray as necessary to minimize overspray and ensuring proper bed coverage.
 No risers are to be used along walkways or where they will be visible.
 All PVC pipe to be sized so that water velocity does not exceed a speed of 5 feet per second.
 Contractor is to provide a full and completely functioning irrigation system.

All new Plantings, and sod are to be irrigated w/ 100% coverage.
 Contractor to verify adequate pressure exists on the main line.
 Contractor to locate all existing utilities on site prior to construction.
 Contractor shall minimize any overspray.
 Contractor to locate all existing utilities on site prior to construction.
 All pipe to be purple. (Zone, mainline, laterals, etc.)
 Heads are not required to be colored purple.

Contractors are to provide the following items at time of bid:
 Quantities of heads, length of main line, clock, no. of valves. Also, contractors are to provide unit prices for these items. All sleeving shall be the responsibility of the irrigation contractor.



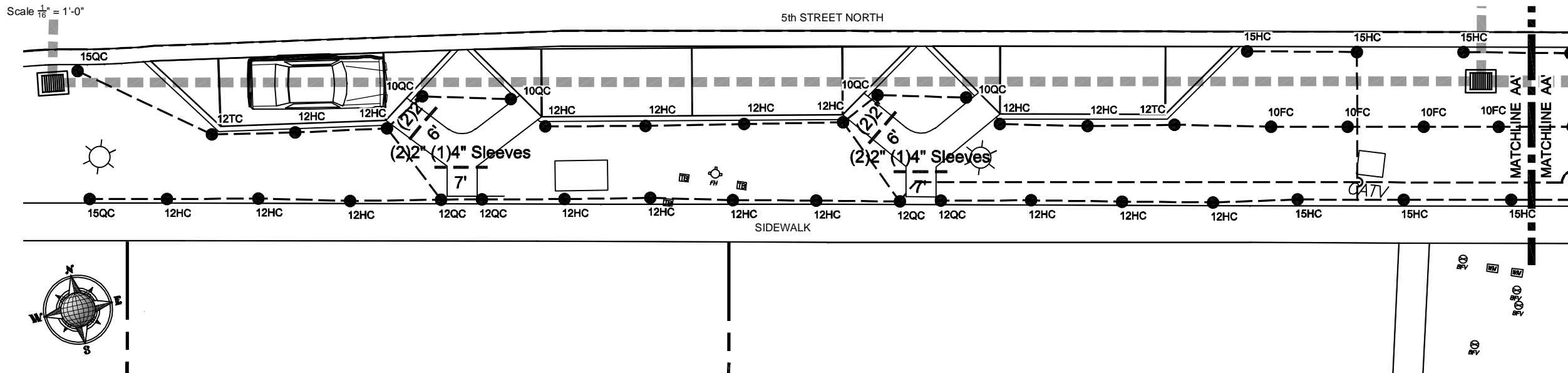
SHEET TITLE: IRRIGATION PLAN 1
 PLANSET TITLE: LANDSCAPE PLANS
 PROJECT NAME: 5TH AVENUE NORTH ROW IMPROVEMENTS

NO.	REVISIONS	DATE	DESIGNER
1	Revised Notes	03.15.12	kp

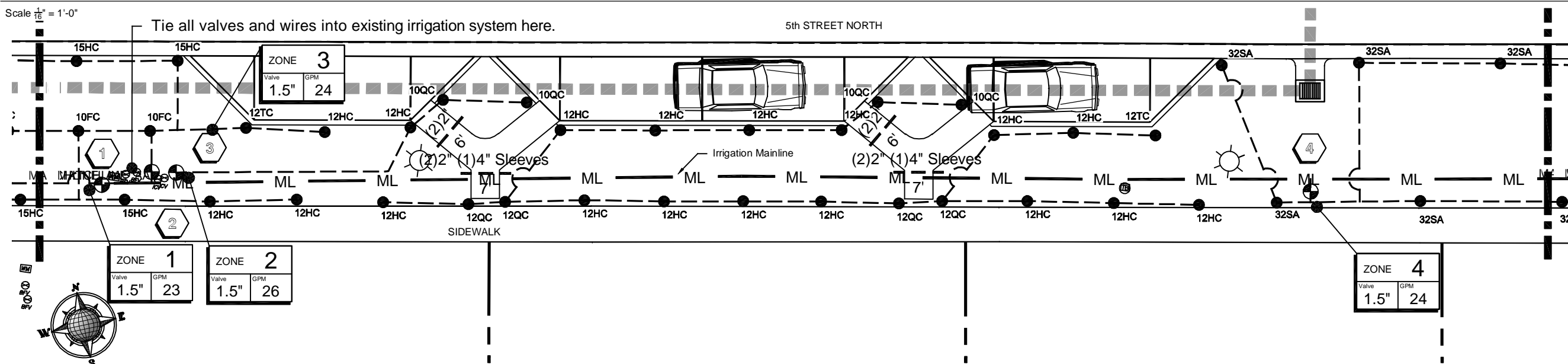
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 SHEET NO.

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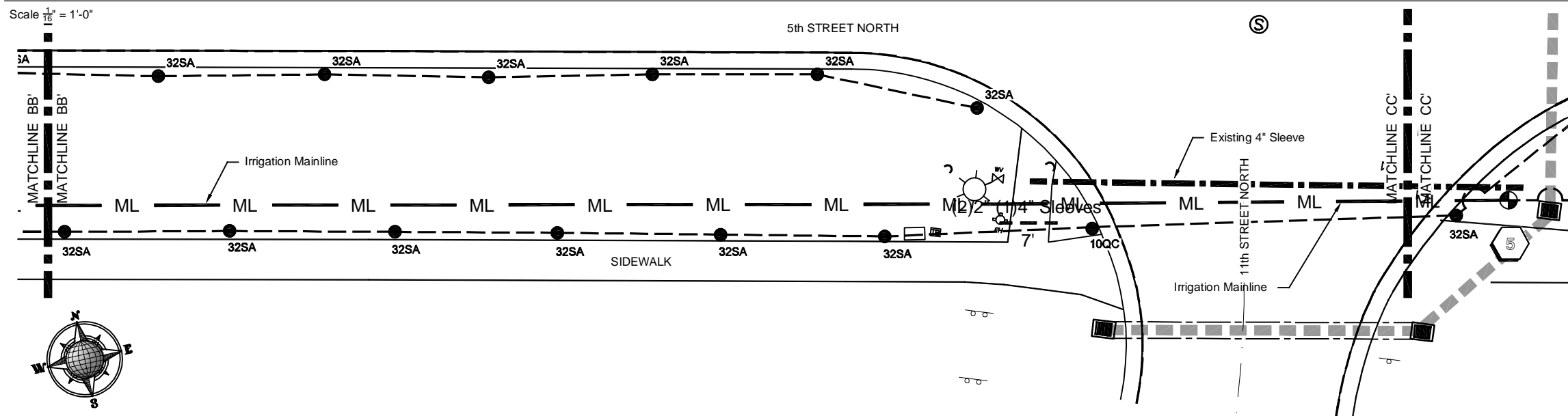
Planting Plan - From Western Limit of Work to Matchline AA'



Planting Plan - From Matchline AA' to Matchline BB'



Planting Plan - From Matchline BB' to Matchline CC' (11th Street North)



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2780 S. Horseshoe Dr., Suite 5
Naples, FL 34104
(239) 430-1981
www.alddnc.com

SHEET TITLE:	IRRIGATION PLAN 2
PLANSET TITLE:	LANDSCAPE PLANS
PROJECT NAME:	5TH AVENUE NORTH ROW IMPROVEMENTS

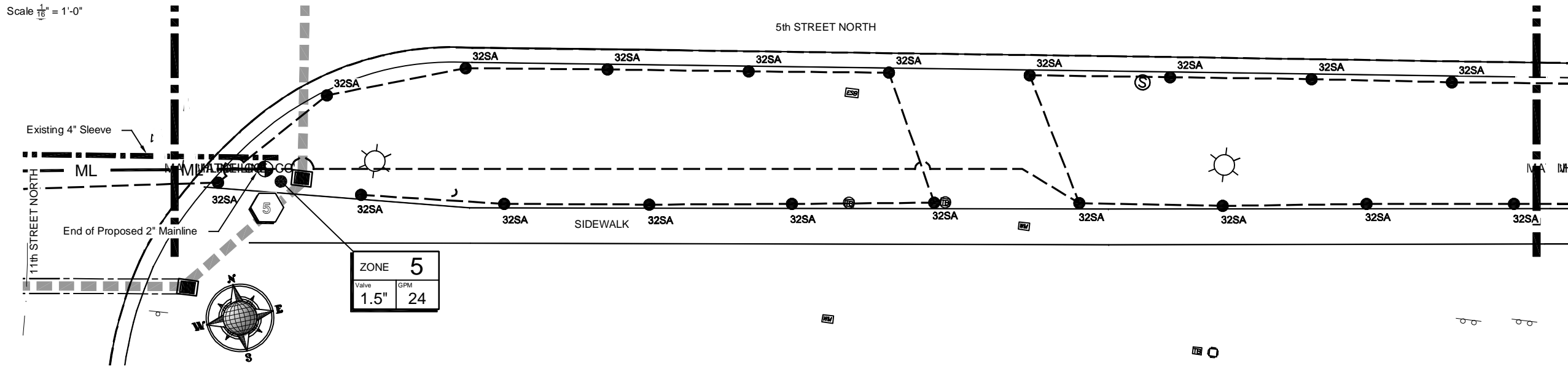
NO.	REVISIONS	DATE

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SHEET NO. L5 OF 6

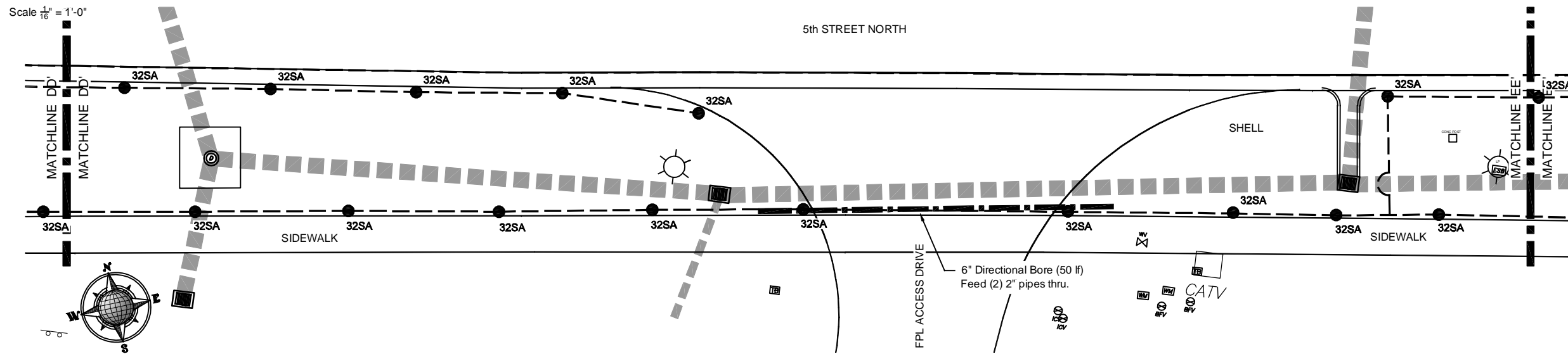
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EXHIBIT F

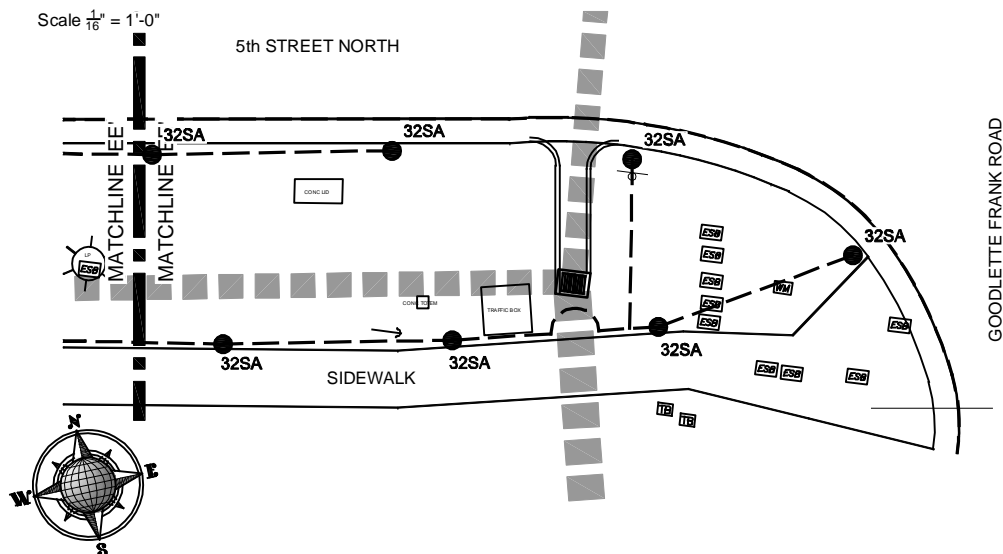
Planting Plan - From Matchline CC' (11th Street North) to Matchline DD'



Planting Plan - From Matchline DD' to Matchline EE'



Planting Plan - From Matchline EE' to Goodlette Frank Road



Christian Andrea
License No. 1178

2786 S. Horseshoe Dr., Suite 5
Naples, FL 34104
(239) 430-1881
www.adlinc.net



SHEET TITLE:	IRRIGATION PLAN 3
PLANSSET TITLE:	LANDSCAPE PLANS
PROJECT NAME:	5TH AVENUE NORTH ROW IMPROVEMENTS

NO.	REVISIONS	DATE

DESIGN:	C.A.
DRAWN:	tpb
SCALE-HORIZ.:	AS SHOWN
SCALE-VERT.:	AS SHOWN
GEI PROJECT No.:	349

5th AVENUE NORTH IMPROVEMENTS

BID TAB BREAKDOWN

BID ADDENDUM #1

BID ITEMS

19-Mar-12		ESTIMATED QUANTITY	UNIT	UNIT COST \$	SUBTOTAL \$
ITEM	DESCRIPTION				
PAVING & GRADING & SITE PREP					
1	Mobilization	1	LS		
2	Jobsite Notification Sign [4'x 8']	1	LS		
3	Survey Staking and Layout	1	LS		
4	Des-3 Replace Unsuitable Soils [mixed, placed, rough grade]	50	CY		
5	Des-1 SITE PREP- Clearing [Turf Layer Removal, roadside row open space]	1900	SY		
6	Des-2 SITE PREP- Replace Topsoil layer [3", mixed, placed, graded]	1510	SY		
7	6" Limerock Base [LBR-100]	230	SY		
8	4" Limerock Base [LBR-100]	53	SY		
9	12" Stabilised Subgrade [LBR-40]	250	SY		
10	EROSION CONTROL -Inlet Protection	1	LS		
* 11	1-1/2" Type "S-III " Asphalt (single Lift)	230	SY		
12	Concrete Sidewalk [4"thick X 5' wide-non reinforced]	120	LF		
13	Type "D" Curb	330	LF		
14	Maintenance of Traffic [MOT]	1	LS		
15	Finish Grading - prior to landscape Plantings / Sod	1510	SY		

PAVING & GRADING SUBTOTAL =

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST \$	SUBTOTAL \$
LANDSCAPING & IRRIGATION					
16	TREES -East Palatka Holly [10'x4"x2"cal, sngl trunk]	14	EA		
17	SHRUBS -Flax Lily "var" [3 gal, 20"]	60	EA		
18	SHRUBS -Green Island Ficus[3 gal, 12"]	370	EA		
19	SHRUBS -Wax Jasmine [3 gal, 20"]	62	EA		
20	SHRUBS -Indian Hawthorne [3 gal, 20"]	585	EA		
21	SOD- St Augustine Floritam	5500	SF		
* 22	MULCH- Eucalyptus Grade "A"- Type "PRO-EUC" [3" layer]	9000	SF		
23	GROUNDCOVER -Parson's Juniper [3 gal, 12" spd]	295	EA		
24	IRRIGATION - Valves (1.5")	5	EA		
25	IRRIGATION - Spray Heads (rainbird)	74	EA		
26	IRRIGATION - Rotor Heads (rainbird 32SA Simple adjust Rotor)	58	EA		
* 27	IRRIGATION - Mainline (Purple)	400	LF		
28	Des-4 Offstreet Parking-Crushed Shell- 3" layer (over Stabilized Subgrade -Location per Landscape Plan)	20	SY		
29	IRRIGATION - Directional Bore (Location & Size per Landscape Plan)	50	LF		
30	IRRIGATION -Irrigation Sleeves (Location & Size per Landscape Plan)	60	LF		

LANDSCAPE ITEMS SUBTOTAL =

BID ITEMS SUBTOTAL =

* 31 Des-8 ~~Unforeseen Conditions Remediation - (Item Cost as % of Total, City to Fill-in percentage)~~

OVERALL BID TOTAL

OVERALL BID TOTAL =

5th AVENUE NORTH IMPROVEMENTS

BID TAB BREAKDOWN

BID ADDENDUM #1

BID ITEMS

19-Mar-12	ESTIMATED			
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* *Revision Note!* : Clarifications and / or revisions to line items are shown in bold italics. Ref: ADDENDUM #1
Note! Spreadsheet subtotals are generated automatically, enter columns for UNIT COST only !!