LANDSCAPE GENERAL NOTES:

THESE SPECIFICATIONS ARE IN ADDITION TO CITY OF NAPLES AND/OR FDOT STANDARD SPECIFICATIONS AND DESIGN STANDARDS.

- 1) SOIL ENHANCEMENT SOIL STRUCTURE IMPROVEMENT:
 - A. MECHANICALLY SCARIFY / LOOSEN EXISTING SOIL TO AN (6 -8) SIX TO EIGHT INCH DEPTH IN PROPOSED PLANTING AREAS. SCARIFY SHALL MEAN THE RIPPING AND LOOSENING 100 PERCENT OF THE EXISTING SOIL AREA TO A 6" TO 8" DEPTH. THE SCARIFYING AREAS SHALL BE ONLY IN THE PROPOSED PLANTING AREAS LESS AN TWELVE (12) INCH OFFSET FROM THE BACK OF ALL CURBING AND PAVER AREAS.
 - SOIL STRUCTURE IMPROVEMENT & SOIL REPLACEMENT SHALL INCLUDE ROUGH AND FINAL GRADING. MEDIAN SOIL CROSS SECTION PROFILE GRADE SHALL BE GENERALLY ROUNDED ALONG THE CENTER LINE TO A POINT NO GREATER THAN FOUR (4) OR TWO (2) INCHES ABOVE THE TOP OF THE CURBING, BASED UPON MEDIAN WIDTH AND THEN SLOPE DOWNWARD TOWARD THE BACK OF CURBING TO A POINT FOUR (4) INCHES BELOW TOP OF CURBING AT BACK OF CURB.
 - SOIL REPLACEMENT SHALL BE WITH PROPOSED BACKFILL SOIL OR CLEAN EXISTING SOIL TO PROVIDE FOR A UNIFORM PROFILE ACROSS THE MEDIAN TO INCLUDE FILLING OF ANY TREE, SHRUB OR GROUND COVER REMOVAL HOLES.
 - APPLY (2) POST-EMERGENT HERBICIDE APPLICATIONS TO ALL AREAS TO RECEIVE MULCH. FIRST APPLICATION SHALL BE AFTER SOIL ENHANCEMENT ACTIVITIES SECOND APPLICATION SHALL BE PRIOR TO PLANTINGS. APPLICATIONS SHALL BE MADE A MINIMUM OF (7) DAYS PRIOR TO ANY PLANT INSTALLATIONS. WEED CONTROL IN ALL MULCH AREAS SHALL BE MAINTAINED THROUGH INSTALLATION PERIOD UNTIL FINAL PROJECT ACCEPTANCE.SUBMIT PRODUCT AND APPLICATION PROCEDURES TO THE PROJECT MANAGER / LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO THE PRE-CONSTRUCTION MEETING.
- 2) LANDSCAPE SOIL: MEDIAN SOIL BACKFILL AND/OR UNSUITABLE PLANTING PIT SOILS SHALL BE PER FDOT DESIGN SPECIFICATIONS SECTION 987 'SOIL LAYER MATERIALS' SECTION 987.2.4. SUBMIT SOIL SAMPLES TO THE PROJECT MANAGER FOR APPROVAL PRIOR TO ON-SITE CONSTRUCTION. THE CONTRACTOR SHALL PAY TO HAVE TESTS PERFORMED

MEDIAN BACKFILL (TOPSOIL) SPECIFICATION

- TOPSOIL SOURCE FOR PLANTING SHALL BE PROVIDED BY THE CONTRACTOR FROM OFF SITE
- TOPSOIL SHALL BE SUITABLE FOR ORNAMENTAL PLANT GROWTH AND FREE FROM HARD CLODS, STIFF CLAY, HARDPAN, GRAVEL, SUBSOIL, BRUSH, LARGE ROOTS, REFUSE, OR OTHER DELETERIOUS MATERIAL, AND OF REASONABLE UNIFORM QUALITY, TOPSOIL AFTER PLACEMENT SHALL BE TREATED WITH PRE- AND POST-EMERGENT HERBICIDES TO REMOVE WEEDS.
- MECHANICAL ANALYSIS: TOPSOIL AND SOIL MIXTURE(S) SHALL MEET THESE SPECIFICATIONS AND THE FOLLOWING MECHANICAL ANALYSIS: PERCENTAGE PASSING BY SIEVE SIZE DRY WEIGHT

PERCENTAGE SIEVE SIZE 99-100 1/4 INCH 97- 99 LESS THAN 7% NO. 200

MATERIALS LARGER THAN ONE INCH SHALL BE DISPOSED OF OFF THE SITE.

EXISTING LEAF LITTER AND PLANT MATERIAL SHALL BE REMOVED FROM TOPSOIL AND SOIL MIX.

- MAXIMUM SOLUBLE SALTS: O 250 PPM. SOIL SALINITY: O 4 MMHO/CM
- CONTRACTOR SHALL ASSURE EXISTING SOILS ARE FREE OF ANY VISIBLE WEEDS.
- IN THE EVENT TOPSOIL ON SITE DOES NOT MEET THE ABOVE REQUIREMENTS, TOPSOIL MEETING THE REQUIREMENTS MAY BE IMPORTED FROM OFF-SITE SOURCES AFTER APPROVAL BY LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE.

MINIMUM OFF-SITE TOPSOIL REQUIREMENTS:
TOPSOIL SHALL BE FRIABLE, FERTILE SOIL WITH REPRESENTATIVE CHARACTERISTICS OF LOCAL
SOILS. IT SHALL BE FREE OF HEAVY CLAY, MARL, STONE, EXTRANEOUS LIME, PLANT ROOTS, REFUSE, STICKS, BRUSH, LITTER, AND ANY HARMFUL MATERIALS. THERE SHALL BE NO EXOTIC OR NOXIOUS WEEDS OR WEED SEEDS (I.E. NUT GRASS, BERMUDA GRASS, SEDGES AND THE LIKE). IN NO CASE SHALL THERE BE MORE THAN FIVE PERCENT (5%) BY VOLUME OF STONES, COARSE SAND, GRAVEL OR CLAY LUMPS LARGER THAN ONE INCH (1") IN DIAMETER. THE SOIL SHALL TEST IN THE PH RANGE OF 5.5 TO 7.0 AND SHALL CONTAIN NO SUBSTANCE WHICH WILL IMPEDE PLANT GROWTH. ADJUSTMENT OF THE PH SHALL ONLY BE ALLOWED FOR INCREASING THE PH LEVEL BY ADDING DOLOMITIC LIMESTONE. THE TOPSOIL SHALL BE SAMPLED, AND LABORATORY TESTED FOR

TOPSOIL SHALL CONFORM TO THE FOLLOWING COMPOSITION RANGES: VOLUME MEASURE COMPONENTS PARTICLE SIZE ORGANIC MATTER OR AMENDMENTS

(HIGH-LIGNIN COMPOST PREFERRED)

4 % TO 5 % SAND 75 % TO 85 %

CERTIFICATION AND APPROVAL PRIOR TO INSTALLATION.

.002 TO .05 MM .50 TO 2.0 MM (25% COARSE SAND) .25 TO .50 MM (30% MEDIUM SAND)

.05 TO .25 MM (45% FINE SAND)

.002 MM & BELOW

CLAY 6 % TO 8 %

COMPACTION: REDUCE THE MINIMUM REQUIRED DENSITY FROM 100% TO 70% OF AASHTO T99 METHOD C FOR ALL EARTHWORK ITEMS WHERE LANDSCAPE PLANTINGS WILL OCCUR.

SOIL PREPARATION LEGEND



INDICATES MEDIAN AREAS TO RECEIVE CLEARING AND GRUBBING, AND SOIL STRUCTURE IMPROVEMENTS



INDICATES MEDIAN AREAS TO RECEIVE SELECTIVE BACKFILL TO CREATE UNIFORM PROFILE



EXISTING CANOPY TREES



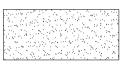
EXISTING PALMS



EXISTING IRRIGATION BOX



EXISTING SHRUB BEDS



INDICATES EXISTING TURF AREAS

CR851

EXISTING GROUND COVER BEDS

20-02-09-13-20F32



AREAS OF PROPOSED PAVERS & EXCAVATION FOR PAVERS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

McGee & Associates

Landscape Architecture
DESIGN * ENVIRONMENTAL MANAGEMENT * PLANNING 5079 Tamiami Trail East * Naples, Florida 34113 Phone: (239) 417-0707 Fax: (239) 417-0708 Certificate of Authorization LC-C000098

CITY OF NAPLES CITY COUNCIL COMMUNITY SERVICES DEPARTMENT ROAD NO COLINITY

COLLIER

LANDSCAPE PLAN SITE PREPARATION GENERAL NOTES & DETAILS (1)

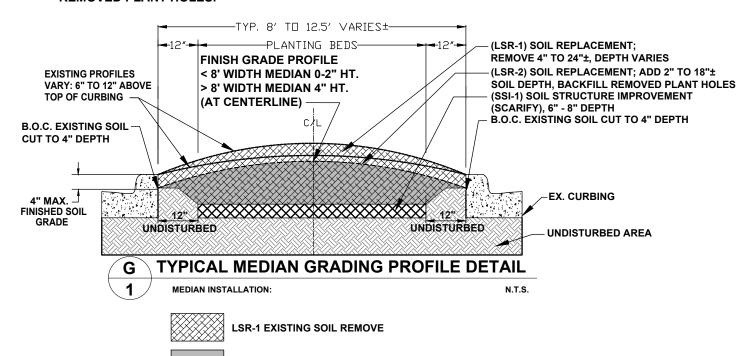
NO. LD-42

SHEET

D:\2019-017 CON GOODLETTE RD\DWG\Plan\Plans\2019-017PLANLD-DEMO01 PH1.dwg, LD-42GntDEMO01, 12/15/2020 11:25:33 AM

MEDIAN PROFILE, GRADING AND SOIL ENHANCEMENT SPECIFICATIONS

- 1. REFER TO GENERAL NOTES FOR SOIL ENHANCEMENT NOTES AND SPECIFICATIONS.
- 2. CLEAN EXISTING SOIL WITH NO ROOTS OVER $\frac{1}{2}$ " DIA. MAYBE USED FOR BACKFILL OF REMOVED PLANT HOLES.



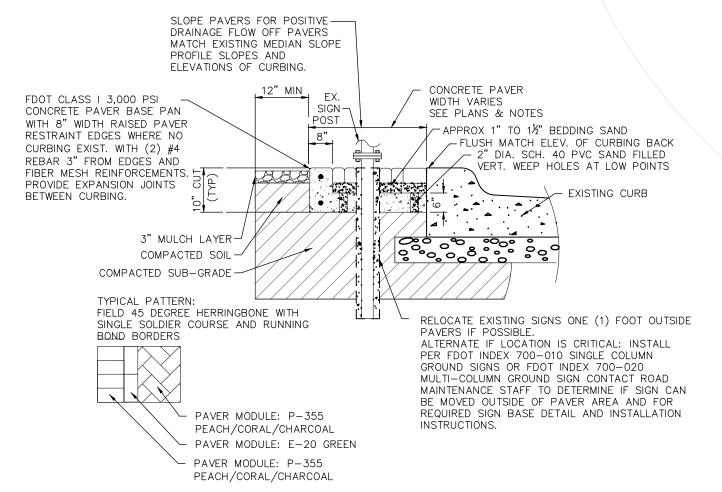
MEDIAN GRADING AND SOIL PREPARATION SPECIFICATIONS RECOMMENDED SITE PREPARATION PROCEDURE AND GRADING NOTES

. INSTALL IRRIGATION MAIN LINE WITH SERVICE TEE STUB-UPS TO SURFACE.

LSR-2 SOIL REPLACEMENT BACKFILL

SSI-1 SOIL STRUCTURE - SCARIFY

- 2. EXCAVATE AND REPLACE SOIL PER PROPOSED MEDIAN BACKFILL SECTION.
- 3. INSTALL IRRIGATION LATERAL LINES AND SPRINKLER FLEX PIPING TO SURFACE.
- 4. FINE GRADE MEDIANS TO PROPOSED UNIFORM PROFILE AND REMOVE ALL DEBRIS LARGER THAN 2 INCH IN DIAMETER FROM WITHIN THE TOP OF THE FINISH GRADE.
- 5. MAINTAIN MEDIANS WEED FREE DURING INSTALLATION AND UNTIL FINAL ACCEPTANCE.



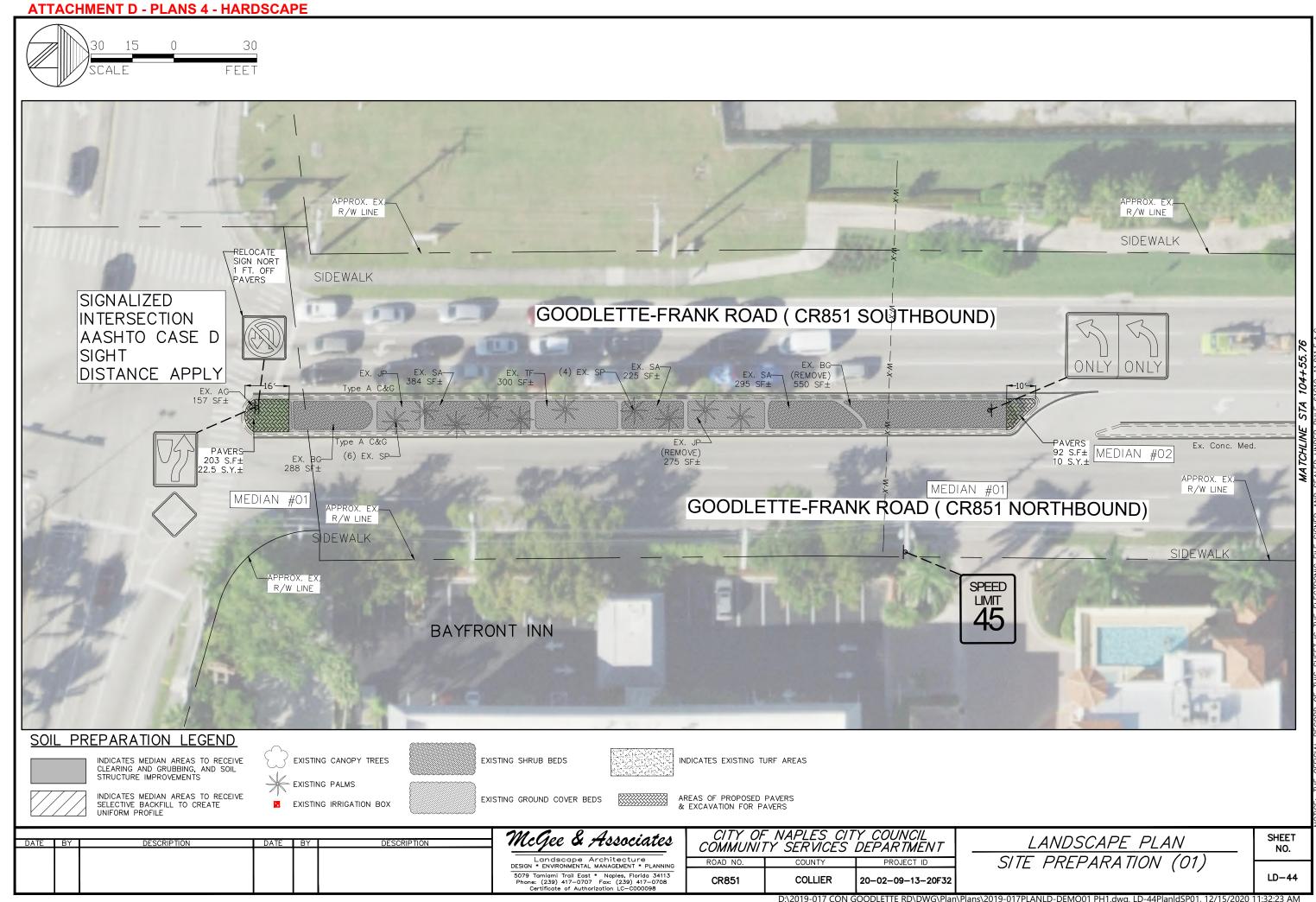
TYPICAL MEDIAN ARCHITECTURA PAVERS DETAIL

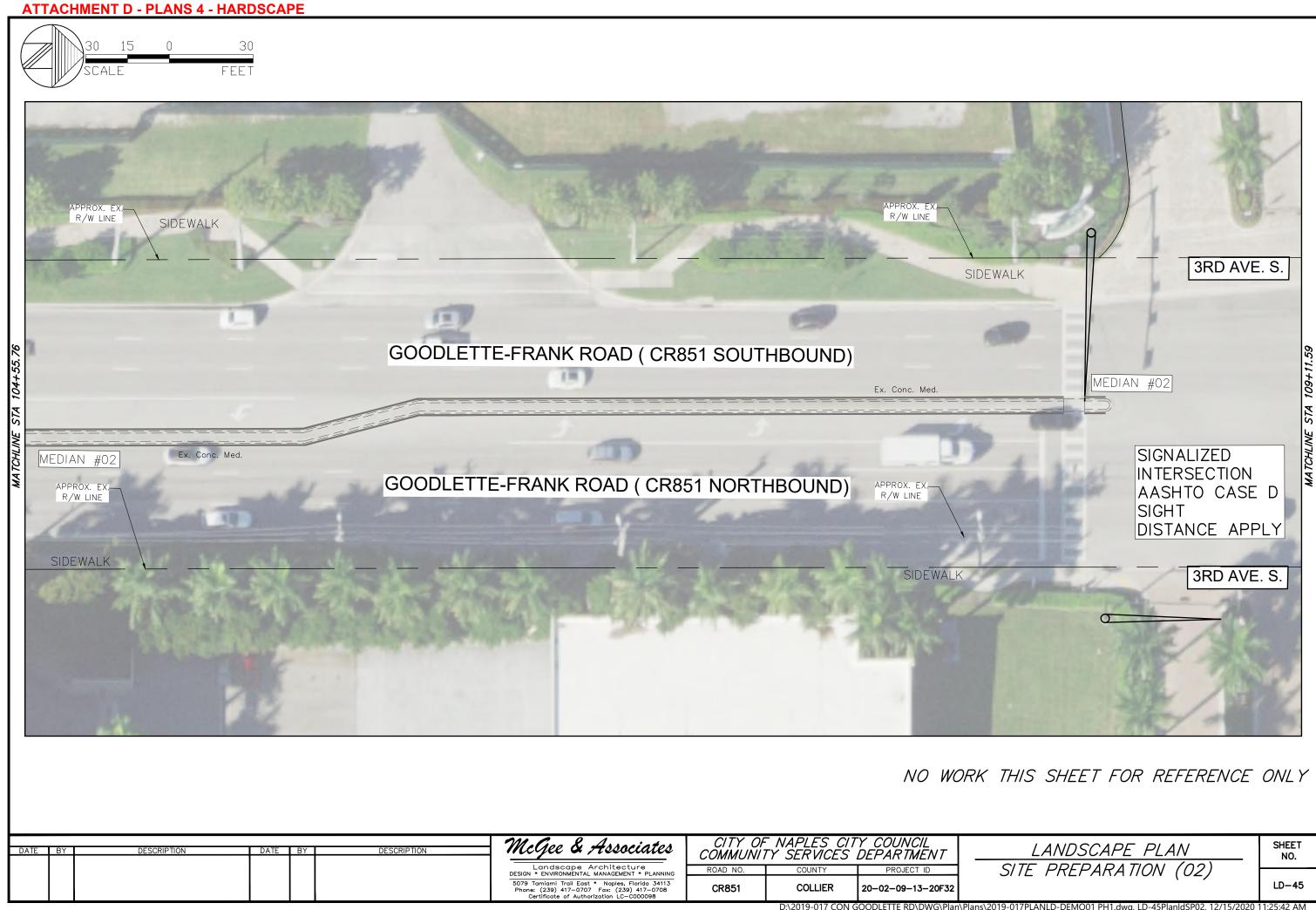
NOT TO SCALE

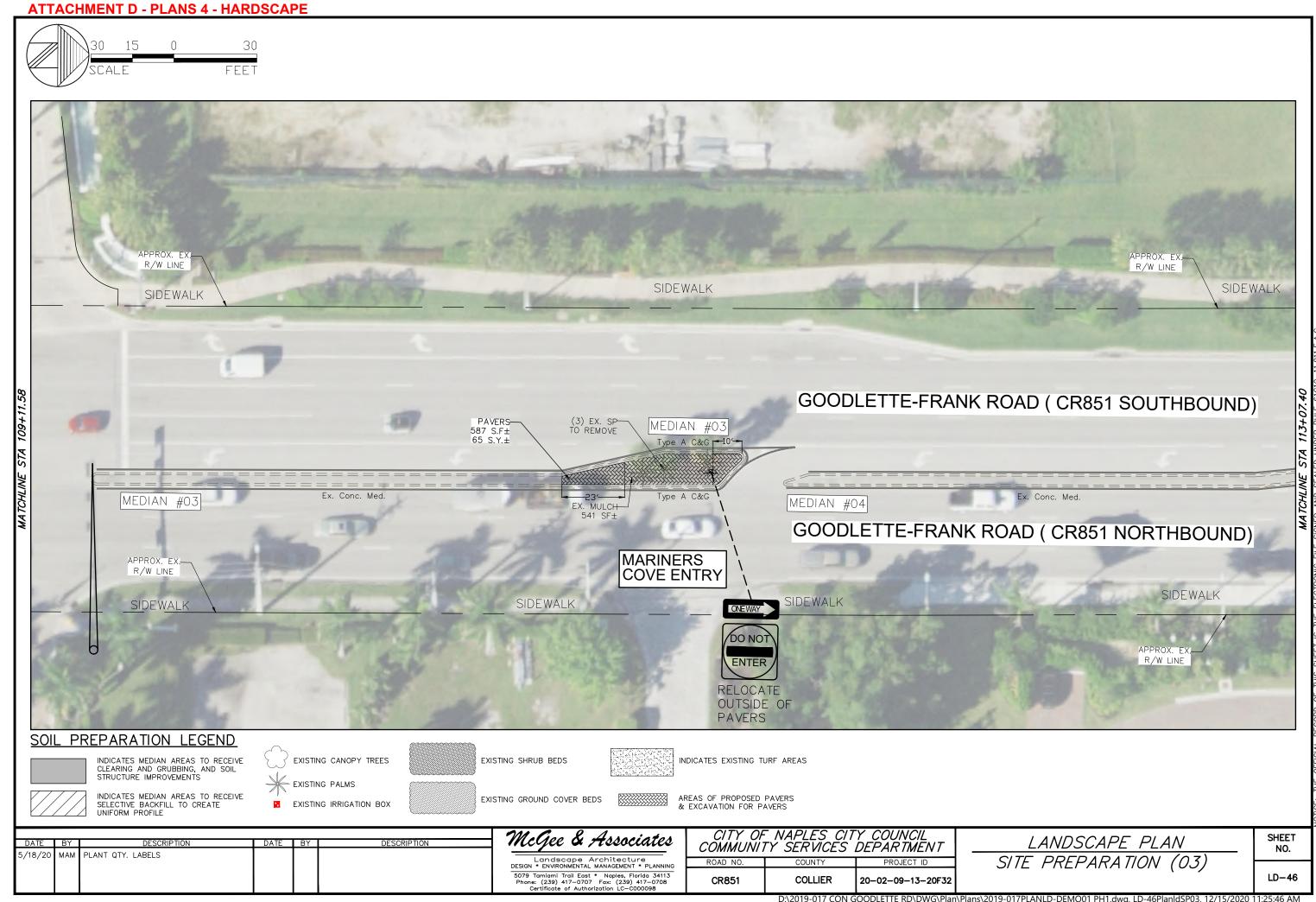
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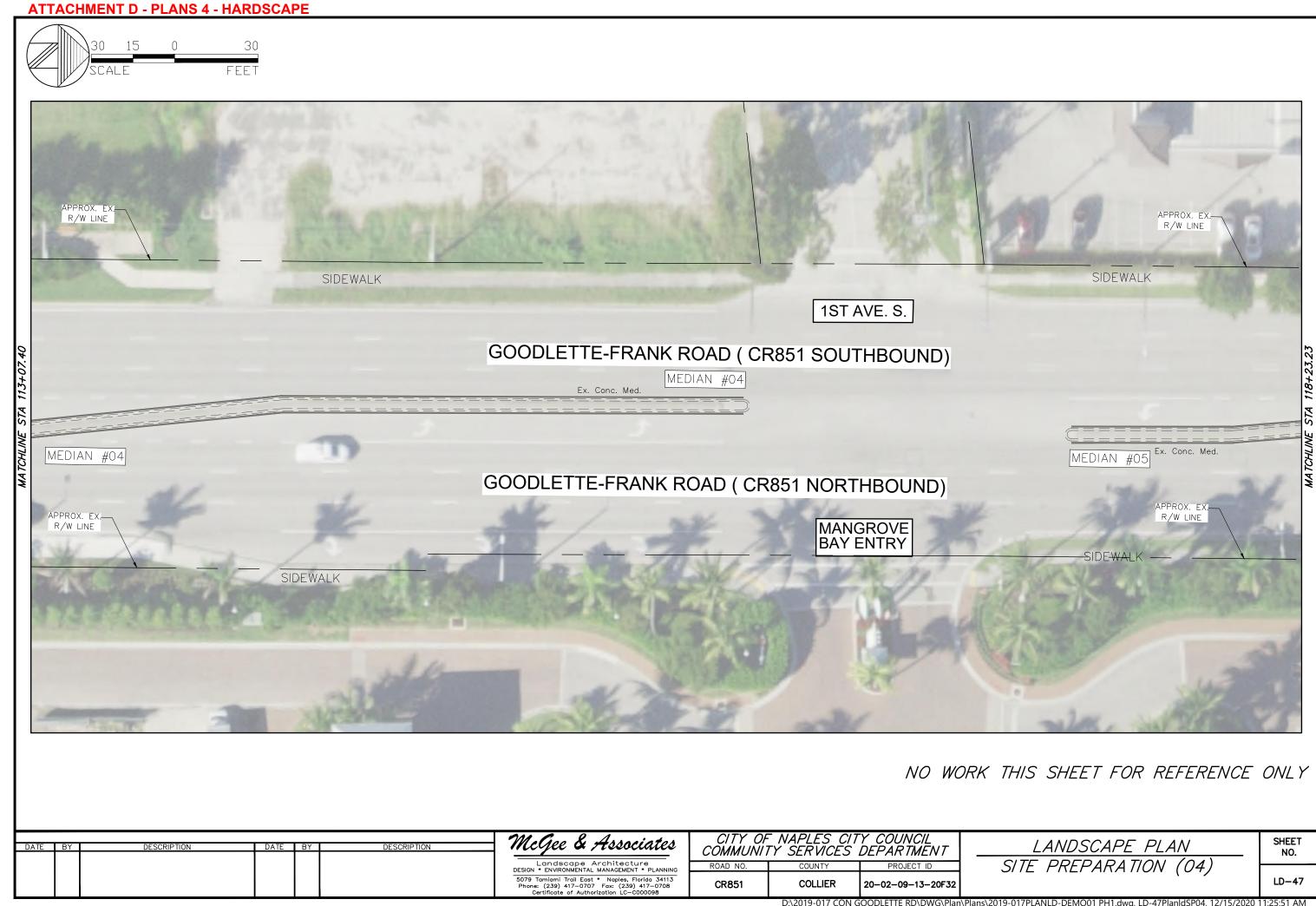
- 1. PAVERS INSTALLATION SHALL BE IN ACCORDANCE WITH FDOT 'STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES CONSTRUCTION SECTION 526 'ARCHITECTURAL PAVERS' AND MANUFACTURERS SPECIFICATIONS.
- 2. CONFIRM COLOR AND SIZE WITH OWNER PRIOR TO INSTALLATION. SAMPLES TO BE SUBMITTED.
- 3. BASE SHALL BE INSTALLED PER FDOT 'STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION' PER CONCRETE PAVING WITH CLASS 1 (3,000 PSI) CONCRETE.
- 4. PAVER COST SHALL INCLUDE EXCAVATION OF EXISTING SOIL TO TEN (10) INCH DEPTH AND COMPACTION OF SOIL AREA PRIOR TO CONCRETE BASE PLACEMENT.
- THE PAVERS SHALL MEET ASTM DESIGNATION C936—82 IN A NOMINAL 4" X 8" PAVER SIZE.
- 6. BIDDER SHALL PROVIDE INSTALLED SQ. YD. UNIT PRICES FOR PAVERS AND CONCRETE BASE TO INCLUDE TESTING BY APPROVED TESTING FACILITY, AS REQUIRED.
- 7. PAVER QUANTITIES DO NOT INCLUDE WASTE FACTOR.
- 8. SEE THE TYPICAL MEDIAN CONCRETE PAVER DETAIL ABOVE FOR ADDITIONAL INSTALLATION REQUIREMENTS

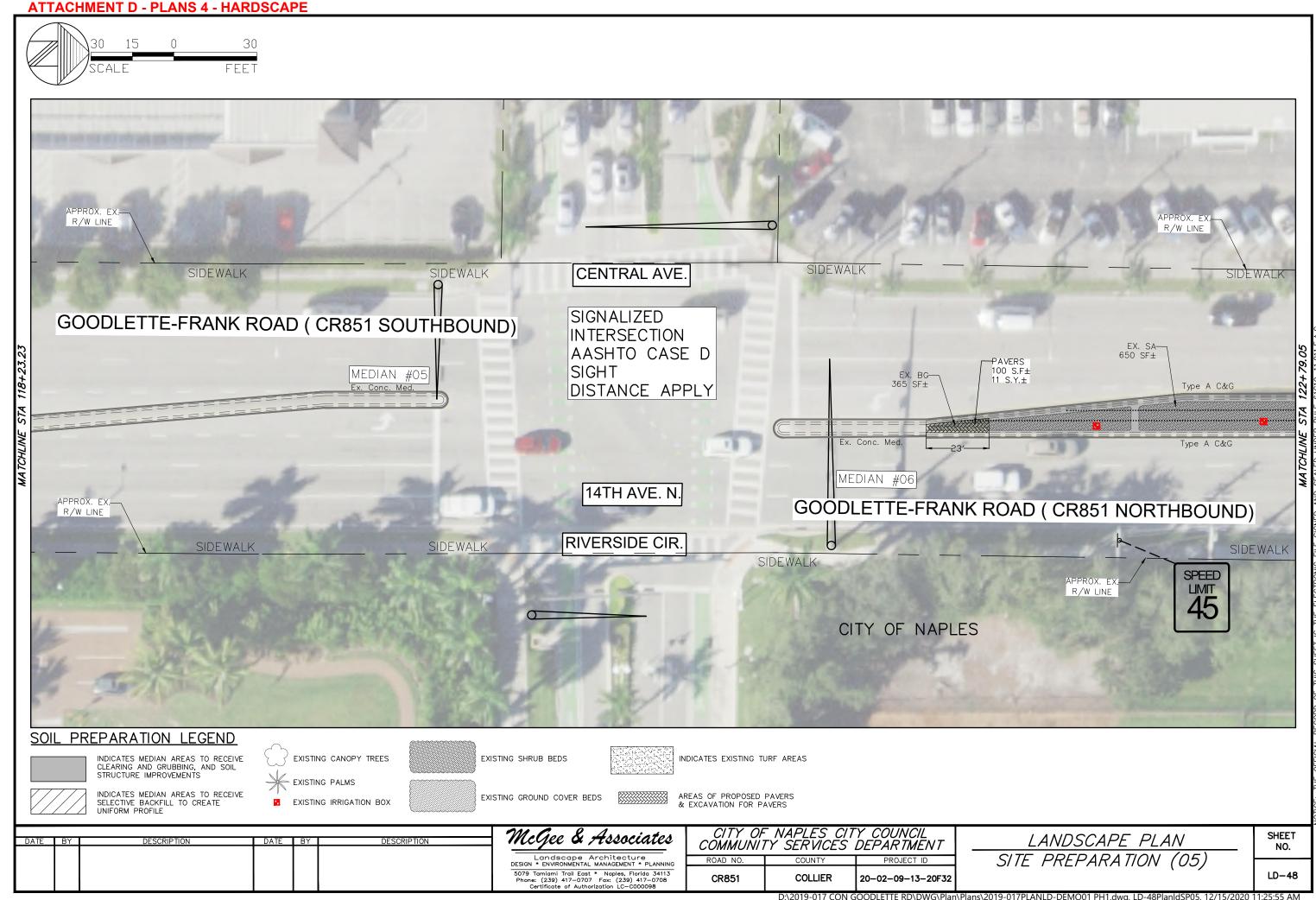


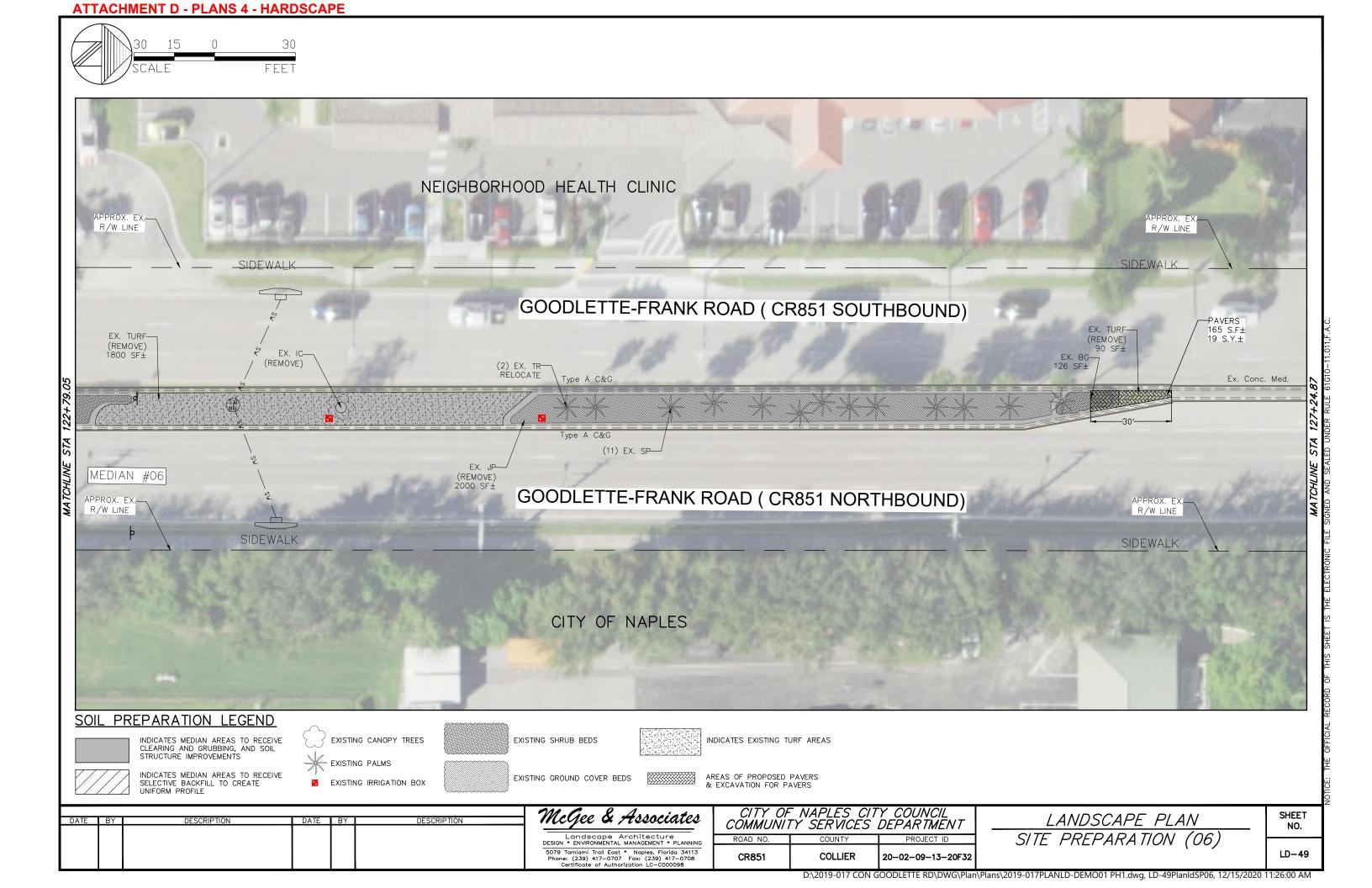


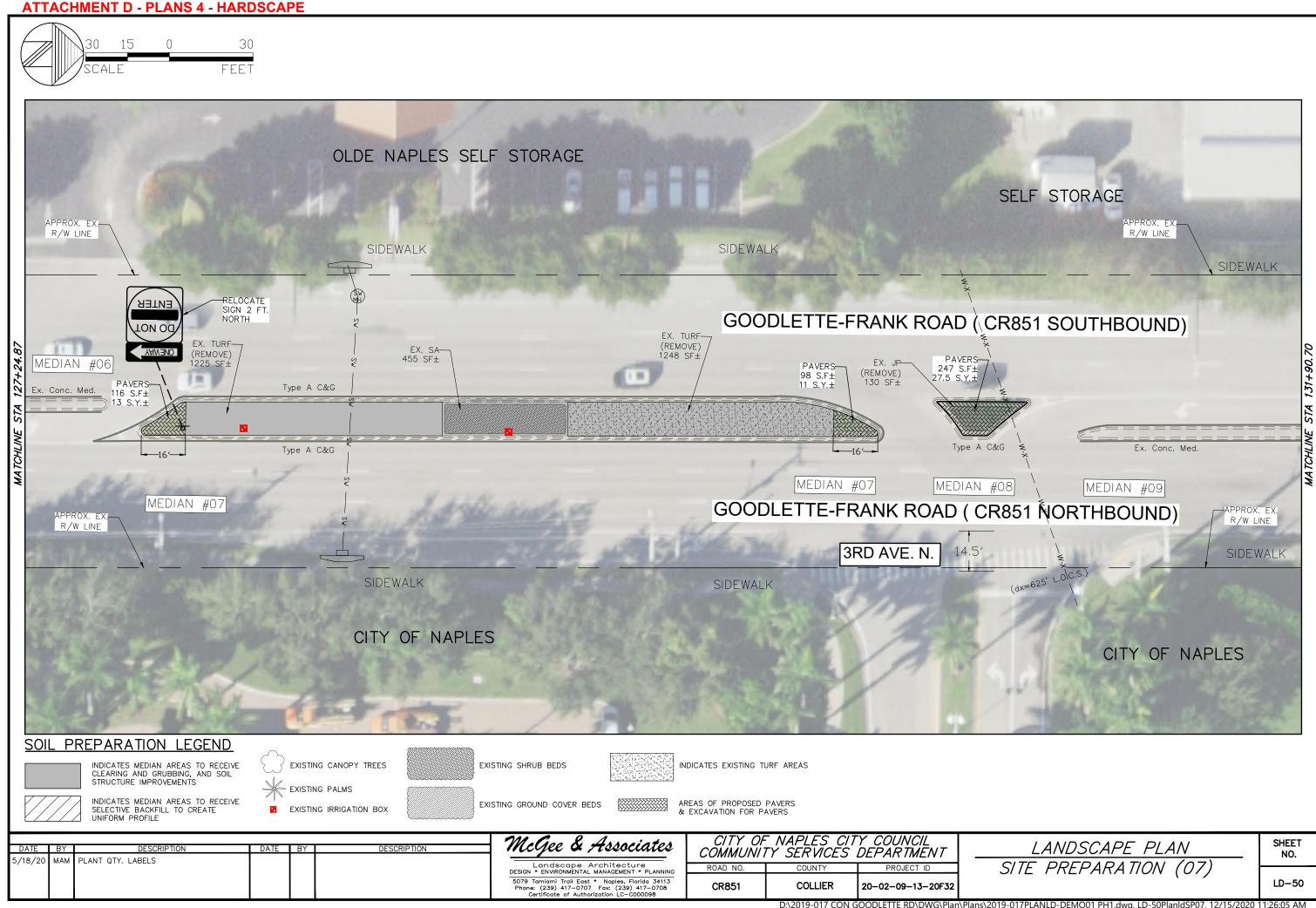


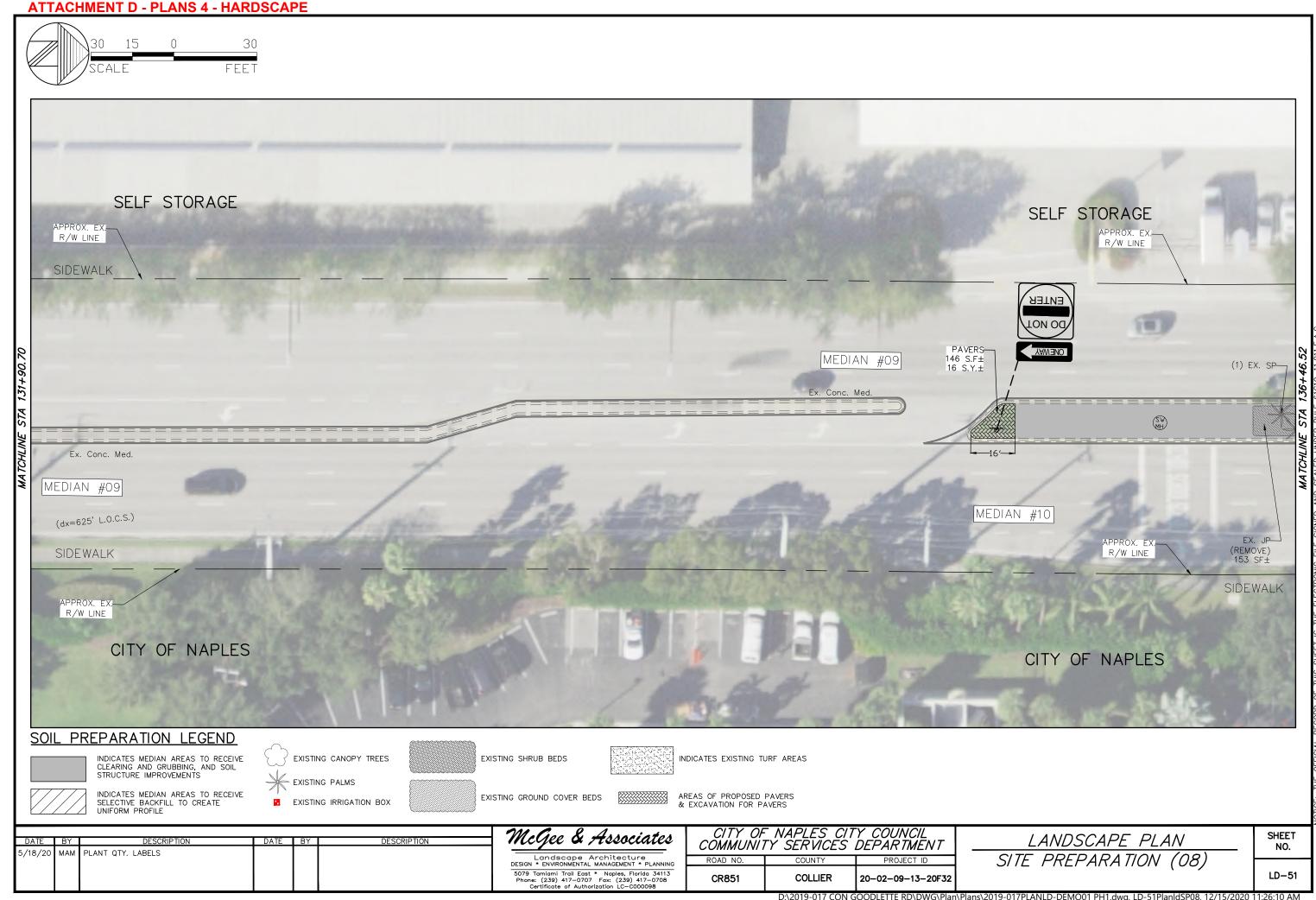


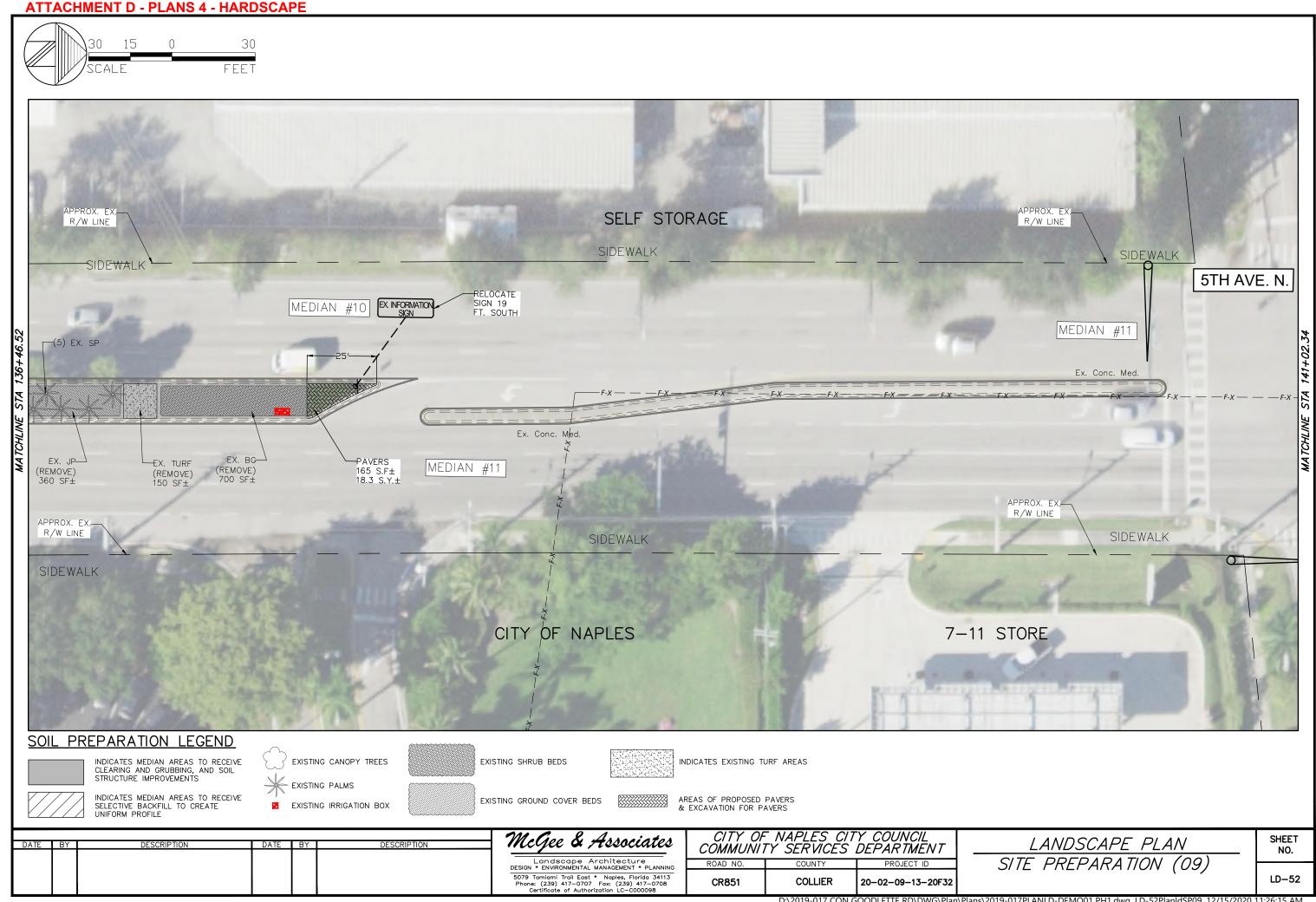


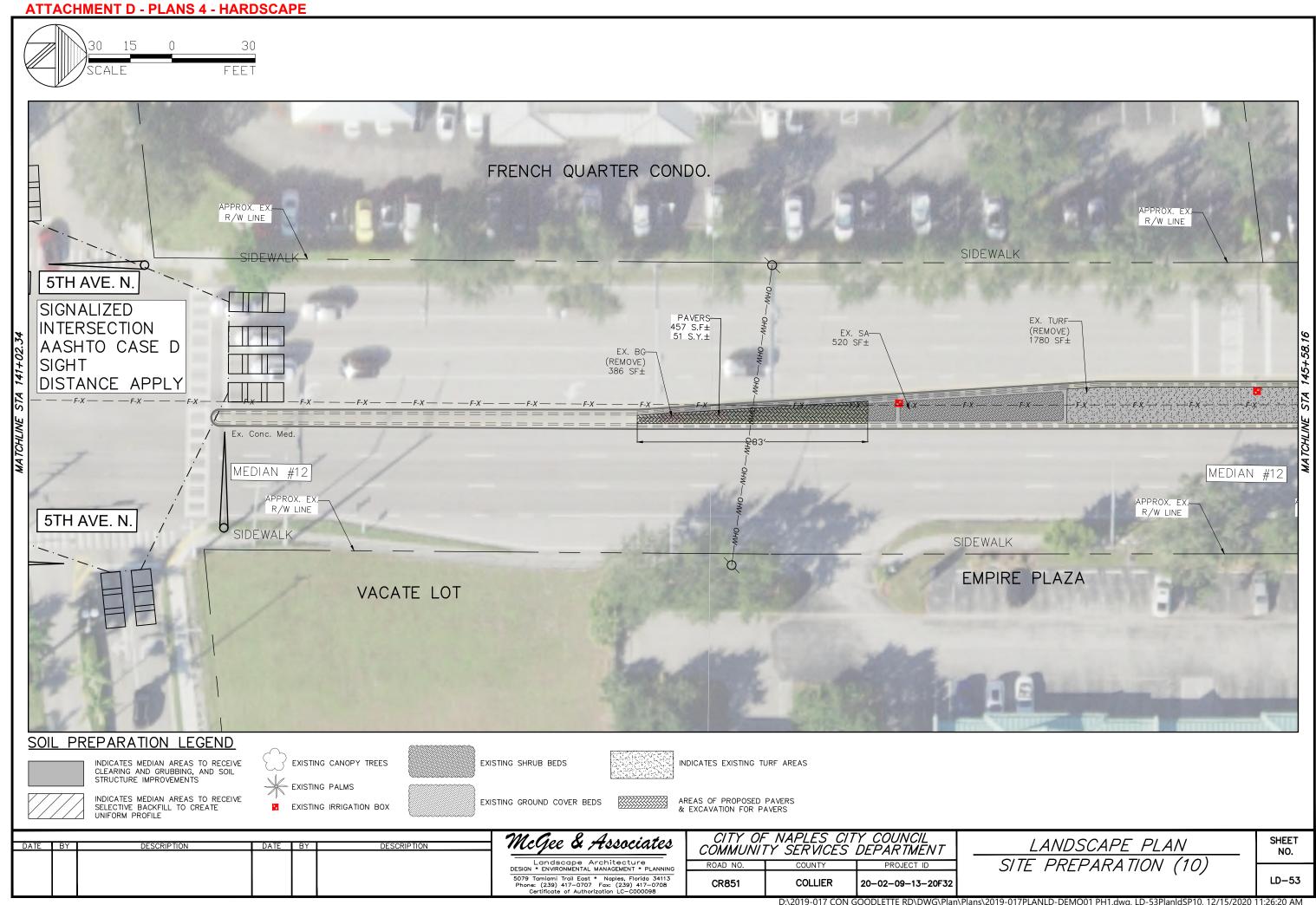


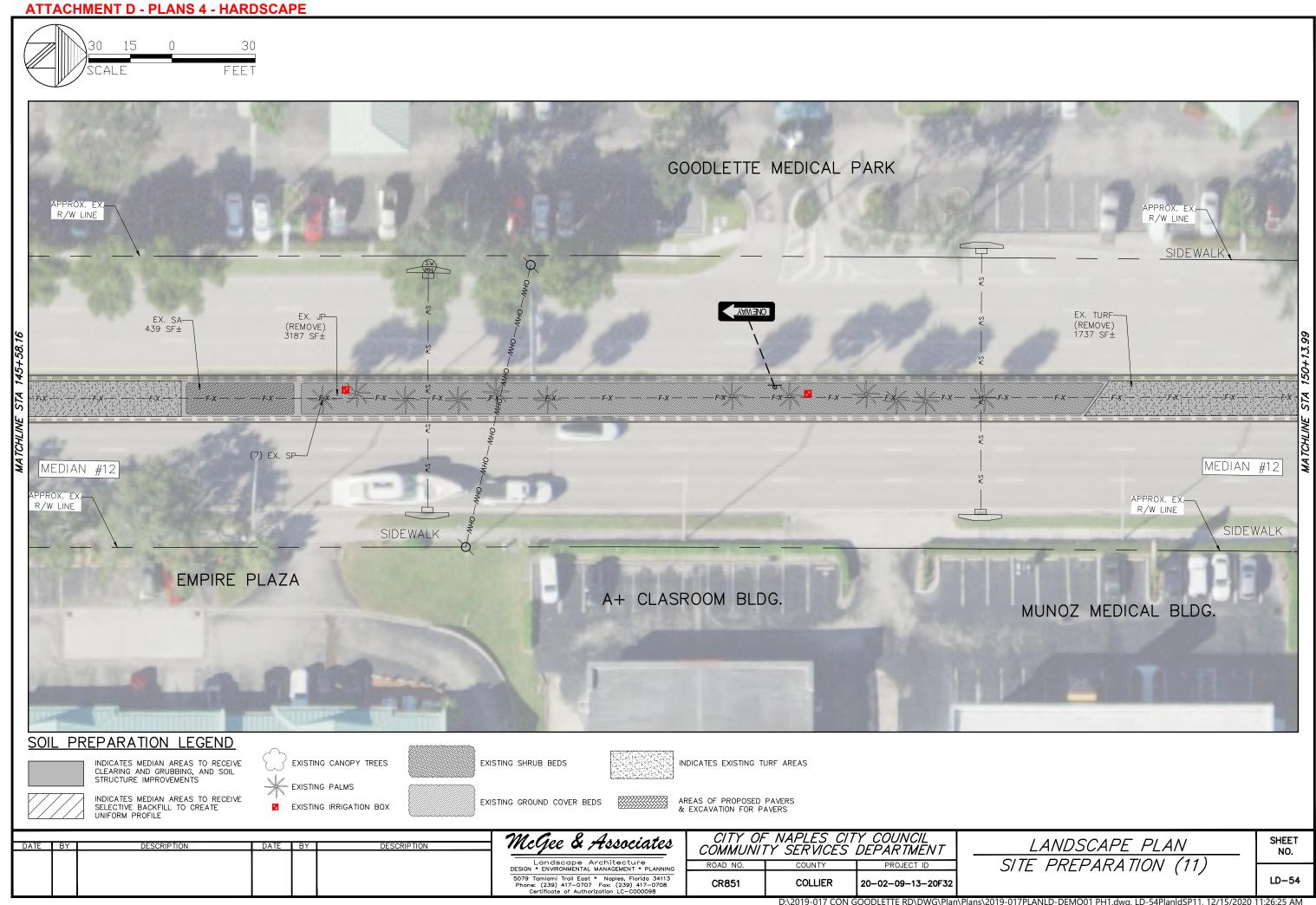


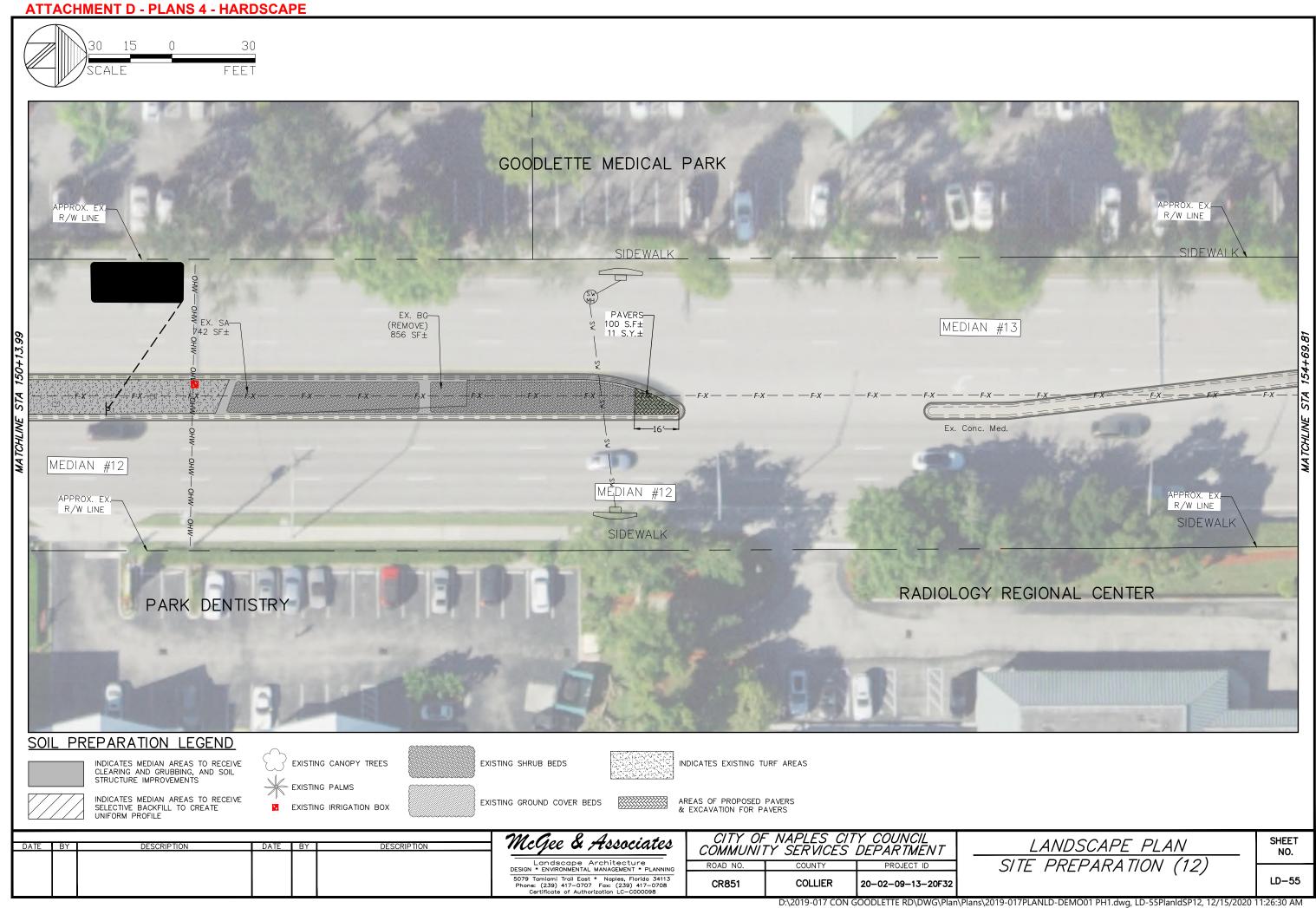












SOIL ENHANCEMENT

ARCHITECTURAL PAVERS

ARCHITECTURAL PAVERS (SIDEWALK)

REGULAR SOIL EXCAVATION (14"+/- AVG. DEPTH)

		MEDIAN NUMBERS														
	M-01		М-	-03	М-	-06	M-07		M-10		M-12					
	SHEET NUMBERS															
UNIT	LD-44		LD-46		LD-49		LD-50		LD-51 & 52		LD-53,54 & 55		TOTAL THIS SHEET		GRAND TOTAL	
	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL
CY	224				372		187		161		664		1608			
CY	140				233		117		101		414		1005			
SY	301				500		250		216		889		2156			
SY	28.7		65.0		30		24		34.3		62.0		244			
SY	28.7		65.0		30		24		34.3		62.0		244			
CY	16		24		15		12		17		30		114			
								<u> </u>								

Landscape Soil Key:

PAYITEM

LSR-1

LSR-2 *

526-1-2 *

350-3-1 *

120-1

SSI-1

BID ITEM NO.

3

5

6

Soil Structure Improvements - Mechanically loosen and mix existing soils to a depth of 8 inches. Ensure consistent mixing throughtout all areas to provide a uniform soil structure.

DESCRIPTION

(ENHANCEMENT TYPE; REMOVAL DEPTH; SOIL DEPTH; AMENDMENT ADDED; SCARIFICATION DEPTH; UNIT)

SOIL REPLACEMENT; ADD 2"- 18" SOIL, BACKFILL FOR PLANT REMOVAL HOLES AND LEVELING PROFILE

SOIL STRUCTURE IMPROVEMENT; SCARIFY/LOOSEN 6"-8" DEPTH, BLEND EXISTING AND NEW BACKFILL SOIL.

Soil Structure Improvements - Mechanically scarify to loosen existing subsoil to a depth of 6 to 8 inches.

PLAIN CEMENT CONCRETE PAVEMENT; FDOT CLASS I CONCRETE AS PAVER BASE

Soil Replacement - Remove existing material to the depths specified. Backfill with specified soil.

SOIL REPLACEMENT; REMOVE 4"- 24", EXISTING SOIL

* - INDENTIFIES ITEMS NORMALLY REQUIRING SHOP DRAWINGS, PHOTOS OR PLANS. CONTRACTOR SHALL DETERMINE OTHER ITEMS THAT REQUIRE SHOP DRAWINGS FOR SUBMITTALS.

DATE BY DESCRIPTION DATE BY DESCRIPTION

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CITY OF NAPLES CITY COUNCIL COMMUNITY SERVICES DEPARTMENT
ROAD NO. COUNTY PROJECT ID

20-02-09-13-20F32

COLLIER

CR851

LANDSCAPE PLAN
SITE PREPARATION
TABULATION OF QUANTITIES

SHEET NO.

LD-56