

GREEN COVE STORAGE OFFICE PROPOSED WAREHOUSE

409 PALMETTO AVENUE, GREEN COVE SPRINGS, FL

CIVIL ENGINEERING LEGEND

EXISTING	PROPOSED	DESCRIPTION
---	---	PROPERTY LINE
---	---	RIGHT-OF-WAY LINE
---	---	CENTERLINE
---	---	FENCE
---	---	RETAINING WALL
---	---	BUILDING
---	---	PAVEMENT LINE/SIDEWALK LINE
---	---	CURB, CURB AND GUTTER
25.50	25.50	SPOT ELEVATIONS
25	25	CONTOURS
6"SA	6"SA	SANITARY SEWER/CLEANOUT
6"PW	6"PW	PROCESS WASTE
RD	RD	ROOF DRAIN
ST	ST	STORM SEWER
6"W	6"W	DOMESTIC WATER
6"F	6"F	FIRE MAIN
6"G	6"G	GAS MAIN
6"FM	6"FM	FORCE MAIN
UE	UE	UNDERGROUND ELECTRIC
OHE	OHE	OVERHEAD ELECTRIC
UT	UT	UNDERGROUND TELEPHONE
OT	OT	OVERHEAD TELEPHONE
UD	UD	UNDERDRAIN
Y	Y	FIRE HYDRANT
DCVA	DCVA	DOUBLE CHECK VALVE ASSEMBLY
RPB	RPB	RED. PRESSURE BACKFLOW PREVENTER
P	P	POST INDICATOR VALVE
V	V	VALVE
V&B	V&B	VALVE & BOX
M	M	MANHOLE
SR	SR	SPRINKLER RISER
WM	WM	WATER METER
CB	CB	CATCH BASIN
CI	CI	CURB INLET
FE	FE	FLARED END
ME	ME	MITERED END
CF	CF	CONCRETE FLUME
EW	EW	ENDWALLS
CS	CS	CONTROL STRUCTURE
CP	CP	CONCRETE POWER POLE
WP	WP	WOOD POWER POLE
LP	LP	LIGHT POLE
T	T	TRANSFORMER
V	V	VAULTS
DS	DS	DRAINAGE STRUCTURE
SS	SS	SANITARY SEWER STRUCTURE
SC	SC	SECTION CUT
DR	DR	DETAIL REFERENCE
CN	CN	CURVE NUMBER
SF	SF	SILT FENCE
HB	HB	HAYBALE BARRIER
SB	SB	SOIL BORING LOCATION/NUMBER

LEGAL DESCRIPTION

THE SOUTH 48 FEET OF THE EAST 1/2 OF LOT 1, BLOCK 20, NORTH SUBURBS OF GREEN COVE SPRINGS, ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK 1, PAGE 10, IN THE PUBLIC RECORDS OF CLAY COUNTY, FLORIDA.



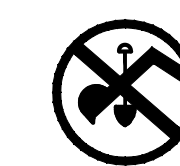
LOCATION MAP (NOT TO SCALE)

CIVIL DRAWING INDEX

C000	COVER SHEET
C050	CIVIL NOTES AND SPECS
C100	CLEARING, DEMOLITION, AND EROSION CONTROL PLAN
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L-3	LANDSCAPE DETAILS

PROJECT DESIGN TEAM

OWNER/DEVELOPER:	FUSILLI INVESTMENTS, LLC 2801 ST. JOHNS BLUFF ROAD, SUITE 201 JACKSONVILLE, FL 32246
SURVEYOR:	PERRET AND ASSOCIATES, INC. 1484 MONTICELLO ROAD JACKSONVILLE, FL 32207 (904) 805-0030
LANDSCAPE ARCHITECT:	A & K LAND PLANNING & DESIGN 416 TORTOISE TRACE SAINT JOHNS, FL 32259 (904) 476-9692
GEOTECHNICAL ENGINEER:	AGES OF JAX, INC. 9556 HISTORIC KINGS ROAD SOUTH, SUITE 201 JACKSONVILLE, FL 32257 (904) 886-0766



48 HOURS BEFORE YOU DIG
CALL SUNSHINE
1-800-432-4770
IT'S THE LAW IN FLORIDA

**GREEN COVE STORAGE OFFICE
PROPOSED WAREHOUSE**
409 PALMETTO AVENUE, GREEN COVE SPRINGS, FL 32043

COVER
SHEET

REV.	DATE	BY	DESCRIPTION

JOB NO.	20ENG010
DRAWN:	MJP
CHECKED:	MJP
SCALE:	NONE

C000
DRAWING NO.

TERMITE PROTECTION SPECIFICATIONS:

- 1. PERFORM ALL CHEMICAL TREATMENT SPECIFIED HEREIN IN ACCORDANCE WITH CURRENT REQUIREMENTS OF GOVERNING REGULATIONS...
2. A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR RE-INSPECTION AND TREATMENT CONTRACT RENEWAL SHALL BE PROVIDED...
3. UPON COMPLETION OF THE WORK, GUARANTEE THE EFFECTIVENESS OF THE TREATMENT AGAINST TERMITE INFESTATION...
4. A CERTIFICATE OF COMPLIANCE SHALL BE ISSUED BY A LICENSED PEST CONTROL COMPANY...
5. ONLY CHEMICALS APPROVED BY LOCAL, STATE, OR FEDERAL REGULATIONS SHALL BE USED...
6. LOOSE WOOD AND FILL SHALL BE REMOVED FROM BELOW AND WITHIN ONE FOOT OF THE BUILDING...
7. DO NO SOIL POISONING WORK UNTIL ALL SUB-GRADE WORK IS COMPLETE AND READY FOR CONCRETE PLACEMENT...
8. IF WALLS ARE TO RECEIVE A MOISTURE-PROOFING COATING, APPLY CHEMICALS ONLY AFTER COATINGS ARE THOROUGHLY DRIED...
9. CONCRETE OVER-POUR AND MORTAR ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT...
10. AN EXTERIOR VERTICAL CHEMICAL BARRIER SHALL BE INSTALLED AFTER CONSTRUCTION IS COMPLETE, INCLUDING LANDSCAPING AND IRRIGATION...
11. APPLY SOIL TREATMENT BENEATH ALL SLAB AREAS AND A MINIMUM OF ONE FOOT BELOW THE FLOOR SLAB ALONG THE INTERIOR SIDE OF ABUTTING FOUNDATION WALLS...
12. CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST ONE FOOT AWAY FROM BUILDING SIDE WALLS...
13. IRRIGATION SYSTEMS, INCLUDING ALL RISERS AND SPRAY HEADS, SHALL NOT BE INSTALLED WITHIN ONE FOOT OF THE BUILDING SIDE WALLS...
15. SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED, INCLUDING SPACES BOXED OR FORMED...
16. BOXED AREAS IN CONCRETE FLOORS FOR SUBSEQUENT INSTALLATION OF TRAPS, ETC., SHALL BE MADE WITH PERMANENT METAL OR PLASTIC FORMS...
17. MINIMUM SIX MIL VAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION...
18. NO WOOD, VEGETATION, STUMPS, CARDBOARD, TRASH, ETC. SHALL BE BURIED WITHIN 15 FEET OF ANY EXISTING OR PROPOSED BUILDING.

GENERAL WATER SPECIFICATIONS:

- 1. ALL LINED FITTINGS SHALL BE TESTED FOR DEFECTS, PRIOR TO INSTALLATION.
2. MAINTAIN A MINIMUM OF 36" COVER IN PAVED AREAS AND 30" COVER IN NON-PAVED AREAS OVER ALL WATER MAINS UNLESS OTHERWISE NOTED...
3. WATER MAINS SHALL BE DR-18 PVC, UNLESS OTHERWISE NOTED...
4. THE UTILITIES CONTRACTOR SHALL INDICATE THE LOCATION OF THE TERMINATION OF EACH WATER SERVICE WITH STAKES OR MARKERS.
5. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL MATERIALS TO BE USED FOR CONSTRUCTION TO THE ENGINEER.
6. IF GASOLINE FUMES OR OTHER CONTAMINATION IS ENCOUNTERED DURING EXCAVATION, THE CONTRACTOR, IN ACCORDANCE WITH HRS AND DEP REQUIREMENTS...
7. IF SOLVENT CONTAMINATION IS FOUND IN THE PIPE TRENCH, WORK SHALL BE STOPPED AND THE PROPER AUTHORITIES NOTIFIED...
8. A MINIMUM DISTANCE OF 10 FEET, OR 2 TIMES THE DEPTH OVER THE MAIN, WHOICHEVER IS GREATER, MUST BE MAINTAINED FROM ALL BUILDINGS, FOUNDATIONS, AND THE TOP OF BANK OF ALL PONDS.
9. ALL PIPE CONSTRUCTION AND TESTING SHALL CONFORM TO THE APPROPRIATE AWWA STANDARDS.
10. ALL PIPES, VALVES, AND FITTINGS SHALL BE SUBJECT TO INSPECTION AT TIME OF DELIVERY AND ALSO IN THE FIELD JUST PRIOR TO INSTALLATION...
11. THE UTILITIES CONTRACTOR SHALL PREPARE ALL DOCUMENTS AND OBTAIN REQUIRED CERTIFICATES OF INSPECTION FOR HIS WORK AND DELIVER SAME TO THE ENGINEER.
12. PVC PIPE FOUR INCHES AND LARGER MUST MEET THE REQUIREMENTS AS SET FORTH IN COMMERCIAL STANDARD CS256-63...
13. DUCTILE IRON PIPE SHALL CONFORM TO ANSI SPECIFICATION A21.50 (AWWA C150) LATEST...
14. ALL JOINTING MATERIALS FOR MECHANICAL JOINTS SHALL BE PROVIDED BY THE PIPE AND FITTING MANUFACTURER...
15. PIPE USING ROLL-ON OR SLIP JOINTS SHALL BE IN STRICT ACCORDANCE WITH THE LATEST REVISION OF ANSI SPECIFICATION A21.11 (AWWA C111)...
16. ALL EXISTING WATER MAINS AND SERVICE LINES SHALL BE KEPT IN OPERATION DURING CONSTRUCTION...
17. ALL WATER LINES AND APPURTENANCES SHALL BE THOROUGHLY CLEANED OF ALL FOREIGN MATTER BEFORE BEING LOWERED INTO THE TRENCH...
18. UNDERGROUND SYSTEM SHALL BE THOROUGHLY FLUSHED UNDER HYDROSTATIC PRESSURE IN ACCORDANCE WITH AWWA STANDARD C606...
19. THE LEAKAGE IN THE UNDERGROUND LINES SHALL NOT EXCEED THE LIMITS AS SPECIFIED BY THE APPROPRIATE AWWA STANDARD...

STORM DRAINAGE SPECIFICATIONS:

- 1. SUBCONTRACTOR SHALL SUBMIT MANUFACTURER'S DATA SHEETS FOR ALL PIPE AND FITTINGS TO BE USED ON THE PROJECT...
2. REINFORCED CONCRETE PIPE SHALL COMPLY WITH THE REQUIREMENTS OF ASTM DESIGNATION C76, CLASS III. JOINTS SHALL BE PROVIDED WITH O-RING GASKETS...
3. PVC PIPE AND FITTINGS SHALL HAVE A SMOOTH INTERIOR WALL AND SHALL CONFORM WITH ASTM D3034...
4. HIGH DENSITY POLYETHYLENE (HDPE) PIPE SHALL HAVE A SMOOTH INTERIOR WALL AND SHALL CONFORM TO ASTM D3350...
5. PIPE SHALL BE INSTALLED ACCURATELY TO THE GRADES AND ALIGNMENT SHOWN ON THE DRAWINGS...
6. PRIOR TO DEMOBILIZING, SUBCONTRACTOR SHALL INSPECT ALL STRUCTURES, AND REMOVE ALL ACCUMULATED SEDIMENT OR TRASH FROM WITHIN STRUCTURES...

EROSION AND SEDIMENT CONTROL SPECIFICATIONS:

- 1. THE PLAN APPROVING AUTHORITY MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE...
2. ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO OR AS THE FIRST STEP IN CLEARING...
3. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES...
4. PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS...
5. THE SITE-WORK SUBCONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY...
6. ALL DISTURBED AREAS ARE TO DRAIN TO APPROVED SEDIMENT CONTROL AT ALL TIMES DURING LAND DISTURBING ACTIVITIES...
7. DURING DE-WATERING OPERATIONS, WATER SHALL BE PUMPED INTO AN APPROVED FILTERING DEVICE...
8. THE SITE-WORK SUBCONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES PERIODICALLY AND AFTER EACH RAINOFF...
9. THE SITE-WORK SUBCONTRACTOR WILL BE REQUIRED TO INCORPORATE ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES INTO THE PROJECT AT THE EARLIEST PRACTICAL TIME...
10. TEMPORARY AND PERMANENT VEGETATIVE COVER SHALL BE INSTALLED IN ACCORDANCE WITH ALL LOCAL AND STATE REQUIREMENTS...
11. SITE-WORK SUBCONTRACTOR SHALL CLEAN OUT ALL ACCUMULATED SILT IN DETENTION PONDS AT END OF CONSTRUCTION...
12. ALL DISTURBED AREAS OUTSIDE OF EXISTING AND PROPOSED PAVEMENT SHALL RECEIVE TEMPORARY AND PERMANENT SEEDING IN ACCORDANCE WITH LOCAL REGULATIONS...
13. PROVIDE SILT INLET PROTECTION AT ALL PROPOSED INLETS SHOWN ON THESE PLANS...
14. PROVIDE TEMPORARY STONE CONSTRUCTION ENTRANCE AS DETAILED HEREIN, AT THE LOCATION OF THE PERMANENT DRIVEWAY.

EARTHWORK SPECIFICATIONS:

- 1. THE REPORT OF PRELIMINARY GEOTECHNICAL EXPLORATION & ENGINEERING EVALUATION, PROPOSED NARDUCCI DENTAL WAREHOUSE...
2. A MOISTURE DENSITY RELATIONSHIP DETERMINATION TEST SHALL BE OBTAINED FOR EACH TYPE OF FILL MATERIAL USED...
3. IN-PLACE DENSITY TESTS ARE REQUIRED FOR ALL STRIPPED OR CUT SUB-GRADE AREAS THAT ARE SPECIFIED TO BE COMPACTED...
4. TAKE RESPONSIBILITY FOR THE REPAIR OR REPLACEMENT OF ANY UTILITY LINES OR SERVICES DAMAGED DURING THE COURSE OF THIS WORK...
5. TAKE RESPONSIBILITY FOR FURNISHING, PLACING, AND MAINTAINING ALL SUPPORT, SHORING, AND SHEET PILING WHICH MAY BE REQUIRED...
6. MAINTAIN ALL BENCHMARKS, MONUMENTS, AND OTHER REFERENCE POINTS FURNISHED BY OTHERS...
7. DO NOT DAMAGE ANY TREES NOT INDICATED FOR REMOVAL...
8. REMOVE AND DISPOSE OF ALL TREES, BRUSH, VEGETATION, DEBRIS, AND ANY OTHER ORGANIC OR WASTE MATERIAL...
9. STAGE CLEARING AND SEEDING SO THAT NO AREAS ARE LEFT DEFOLIATED FOR MORE THAN 30 DAYS...
10. WHERE EXISTING PAVEMENT IS ENCOUNTERED ON THE SITE, IT MAY BE RETAINED IN CERTAIN AREAS...
11. STRIP ALL TOPSOIL FROM THE BUILDING AND PAVEMENT AREAS...
12. DO NOT INCLUDE CLAY, STONES LARGER THAN 3/4 INCHES IN DIAMETER...
13. PROOF-ROLL STRIPPED OR CUT SUB-GRADE IN BUILDING AND PAVEMENT AREAS...
14. WHERE SOFT MATERIALS OR ORGANIC SOILS OCCUR AT SUB-GRADE ELEVATIONS...
15. GRADE AREAS TO RECEIVE TOPSOIL TO ALLOW FOR SUCH MATERIAL...
16. SURFACES SHALL NOT VARY FROM THE DESIGN GRADES BY MORE THAN 0.05 FEET UNDER PAVING...
17. PLACE FILL AND BACKFILL IN SUCCESSIVE LAYERS NOT TO EXCEED THE MAXIMUM LIFT THICKNESS...
18. COMPACT AND STABILIZE THE PAVEMENT SUB-GRADES TO THE DEPTH SPECIFIED...
19. DURING ALL SITE CLEARING AND GRADING OPERATIONS...
20. COMPACT THE BUILDING AREA, PAVING AREA, AND AN AREA FIVE FEET BEYOND THE EDGE...
21. ALL FILL AND BACKFILL MATERIAL, WHETHER FROM ON SITE OR IMPORTED...
22. MINIMIZE THE TRANSMISSION OF DIRT OR DEBRIS BY EQUIPMENT OR PERSONNEL...
23. WORK SPECIFIED HEREIN SHALL BE SUBJECT TO INSPECTION AND TESTING...
24. FOOTING BEARING SOILS SHALL BE DENSITY TESTED IN ACCORDANCE WITH THE RECOMMENDATIONS...
25. MAKE EXCAVATIONS TO THE DIMENSION AND ELEVATION INDICATED ON THE DRAWINGS...
26. CONCRETE MAY BE CAST AGAINST VERTICAL EXCAVATED SURFACES PROVIDED THE MATERIAL WILL STAND WITHOUT CAVING...
27. DEPOSIT EXCESS EXCAVATED MATERIAL AND MATERIAL DETERMINED UNSUITABLE FOR USE...
28. WHERE SOFT, ORGANIC, OR WET MATERIALS ARE PRESENT IN THE BOTTOM OF FOOTING OR UTILITY EXCAVATIONS...
29. DO NOT PLACE BACKFILL AROUND, AGAINST, OR UPON ANY CONCRETE OR MASONRY STRUCTURE...

PADS, SIDEWALKS, CURBS, RAMPS, AND BUMPER SPECIFICATIONS:

- 1. FINE GRADE THE AREA TO BE IMPROVED TO WITHIN PLUS OR MINUS 0.05 FEET OF THE DESIGNED SUB-GRADE ELEVATIONS...
2. SURFACES SHALL BE CLEAN AND DRY BEFORE RECEIVING PAINT...
3. PLACE THE CONCRETE ON MOIST SUB-GRADE FOR THE FULL DEPTH CALLED FOR ON THE PLANS...
4. BRING CONCRETE TO REQUIRED CROSS SECTION BY MEANS OF SCREEDS, FORMS, OR TEMPLATES...
5. PROVIDE THE FINAL FINISH BY LIGHTLY BROOMING THE SURFACE IMMEDIATELY BEFORE THE CONCRETE TAKES ITS FINAL SET...
6. SURFACE OF ALL HANDICAPPED ACCESSIBLE ROUTES INCLUDING WALKS, RAMPS, AND CURB RAMPS...
7. CUT THE CAST-IN-PLACE CONCRETE INTO SECTIONS BY EXPANSION, CONSTRUCTION, OR CONTROL JOINTS...
8. AS SOON AS FINISHING HAS BEEN COMPLETED, COVER THE CONCRETE WITH A CURING COMPOUND...

GENERAL UTILITY NOTES:

- 1. EXISTING UTILITY LOCATIONS HAVE BEEN APPROXIMATED FROM THE AS-BUILT RECORDS PROVIDED BY THE LOCAL UTILITY AUTHORITY...
2. IT IS THE SOLE AND EXCLUSIVE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXACT LOCATION OF UTILITIES...
3. PROVIDE HORIZONTAL SEPARATION BETWEEN UTILITIES AND TREES TO PROTECT BOTH THE UTILITIES AND THE TREES...
4. WATER AND SEWER LINES SHALL BE CONSTRUCTED TO WITHIN FIVE FEET OF THE OUTSIDE FACE...
5. THE CONTRACTOR SHALL GUARANTEE THE WORK INCLUDED IN THIS SECTION FOR A PERIOD OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE.

ON-SITE SEWER SPECIFICATIONS:

- 1. PVC PIPE AND FITTINGS SHALL CONFORM TO THE REQUIREMENTS OF ASTM SPECIFICATION D-2729 AND ASTM SPECIFICATION D-3034...
2. MACHINE EXCAVATION SHALL BE TO A DEPTH OF 1/3 OF EACH PIPE...
3. THE INSIDE OF EACH BELL AND THE OUTSIDE OF EACH SPIGOT SHALL BE THOROUGHLY CLEANED...
4. EACH SECTION OF THE COMPLETED SEWER SYSTEM SHALL BE INSPECTED FOR PROPER ALIGNMENT...
5. EACH SECTION OF THE COMPLETED SEWER MAIN SYSTEM SHALL BE TESTED FOR INFILTRATION...
6. FOLLOWING INSTALLATION AND TESTING, THE SEWER MAIN SHALL BE PRESSURE FLUSHED...

ShayCore logo and address: 11235 ST. JOHNS INDUSTRIAL PARKWAY NORTH, SUITE 4 JACKSONVILLE, FLORIDA 32246

GREEN COVE STORAGE OFFICE
PROPOSED WAREHOUSE
409 PALMETTO AVENUE, GREEN COVE SPRINGS, FL 32043

CIVIL NOTES AND SPECS

Table with columns for revision (REV.), date, and description. Row 1: A, 06-04-20, PERMIT ISSUE DESCRIPTION.

JOB NO. 20ENG010

DRAWN: MJP

CHECKED: MJP

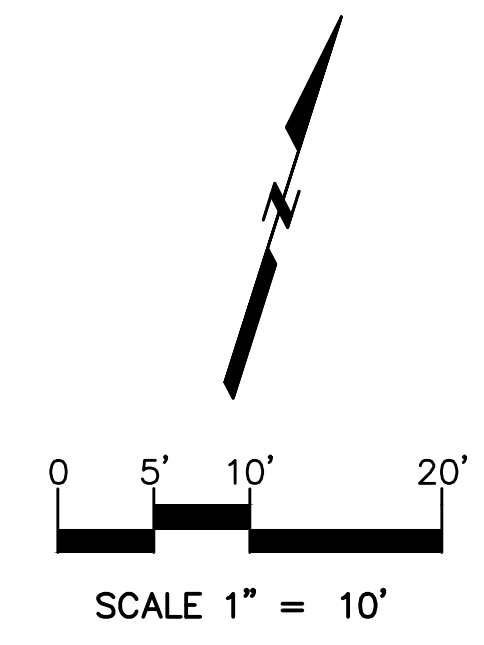
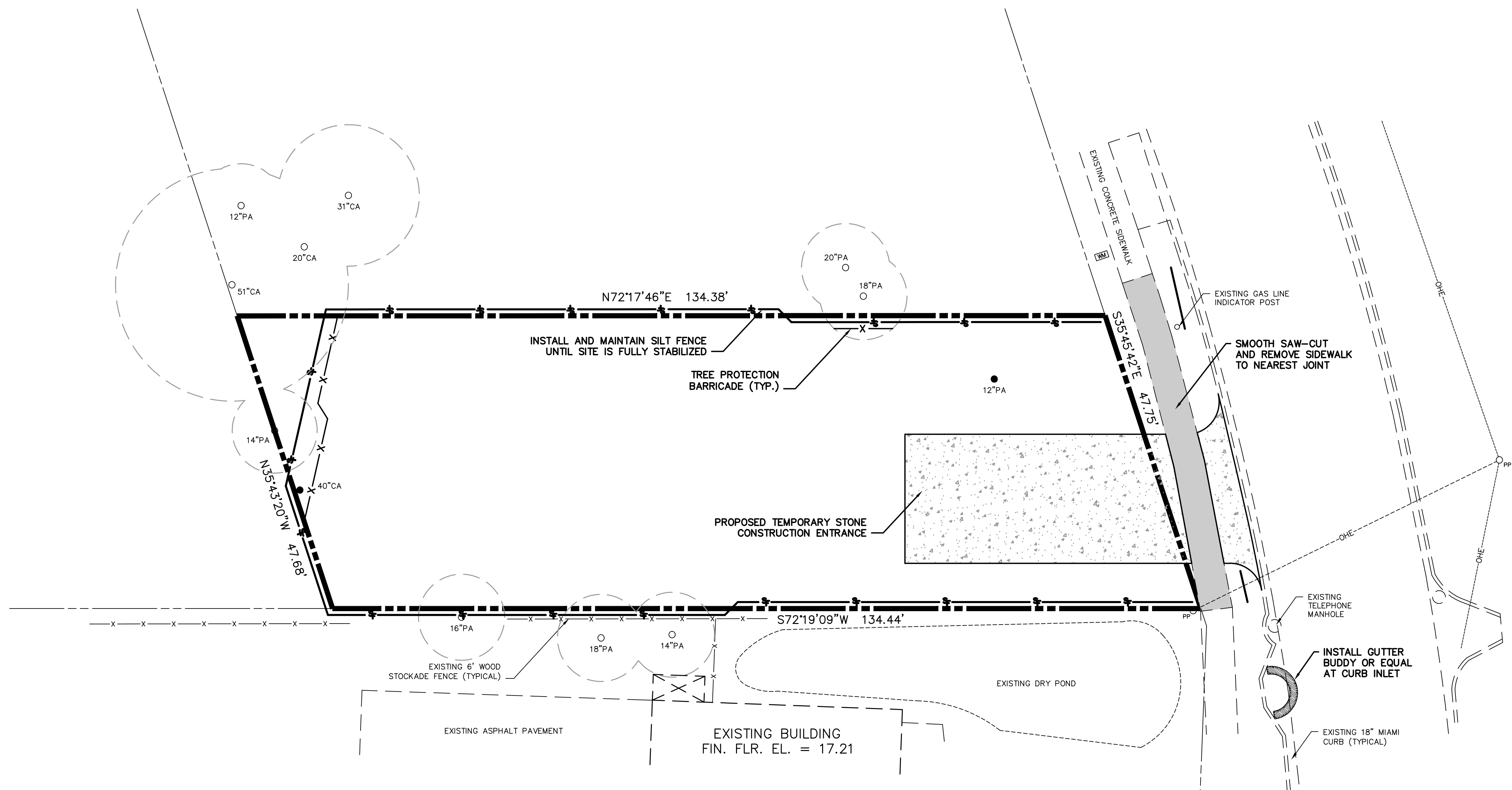
SCALE: NONE

C.050

DRAWING NO.

REPRESENTS
EXISTING
IMPROVEMENTS
TO BE REMOVED

TREE LEGEND
 CA CAMPHOR
 PA PALM
 ○ TREE TO REMAIN
 ● TREE TO BE REMOVED



ShayCore
 11235 ST. JOHNS INDUSTRIAL PARKWAY NORTH, SUITE 4
 JACKSONVILLE, FLORIDA 32246
 P: (904) 251-2992 F: (904) 239-3027
 WWW.SHAYCORE.COM

**GREEN COVE STORAGE OFFICE
 PROPOSED WAREHOUSE**
 409 PALMETTO AVENUE, GREEN COVE SPRINGS, FL 32043

**CLEARING,
 DEMOLITION,
 AND
 EROSION
 CONTROL
 PLAN**

REV.	DATE	BY	DESCRIPTION
B	10-19-20	MJP	REVISED PERMIT ISSUE
A	09-08-20	MJP	PERMIT ISSUE

JOB NO. **20ENG010**
 DRAWN: **MJP**
 CHECKED: **MJP**
 SCALE: **1" = 10'**

C100
 DRAWING NO.

STATISTICAL SUMMARY

PROPERTY IDENTIFICATION NO.: 38-06-26-017639-001-00
 ZONING DESIGNATION: GATEWAY CORRIDOR NEIGHBORHOOD (GCN)
 FUTURE LAND USE DESIGNATION: COMMERCIAL MEDIUM INTENSITY (CMI)

SITE AREA: 6,098 SF = 0.14 AC
 BUILDING AREA: 2,100 SF (34%)
 MINIMUM PERVIOUS AREA: 1,829 SF (30%)
 PROVIDED PERVIOUS AREA: 2,122 SF (35%)

PARKING REQUIRED - 1 SPACE / 5,000 SF: 1 SPACE
 PARKING PROVIDED: 2 SPACES

**GREEN COVE STORAGE OFFICE
 PROPOSED WAREHOUSE**
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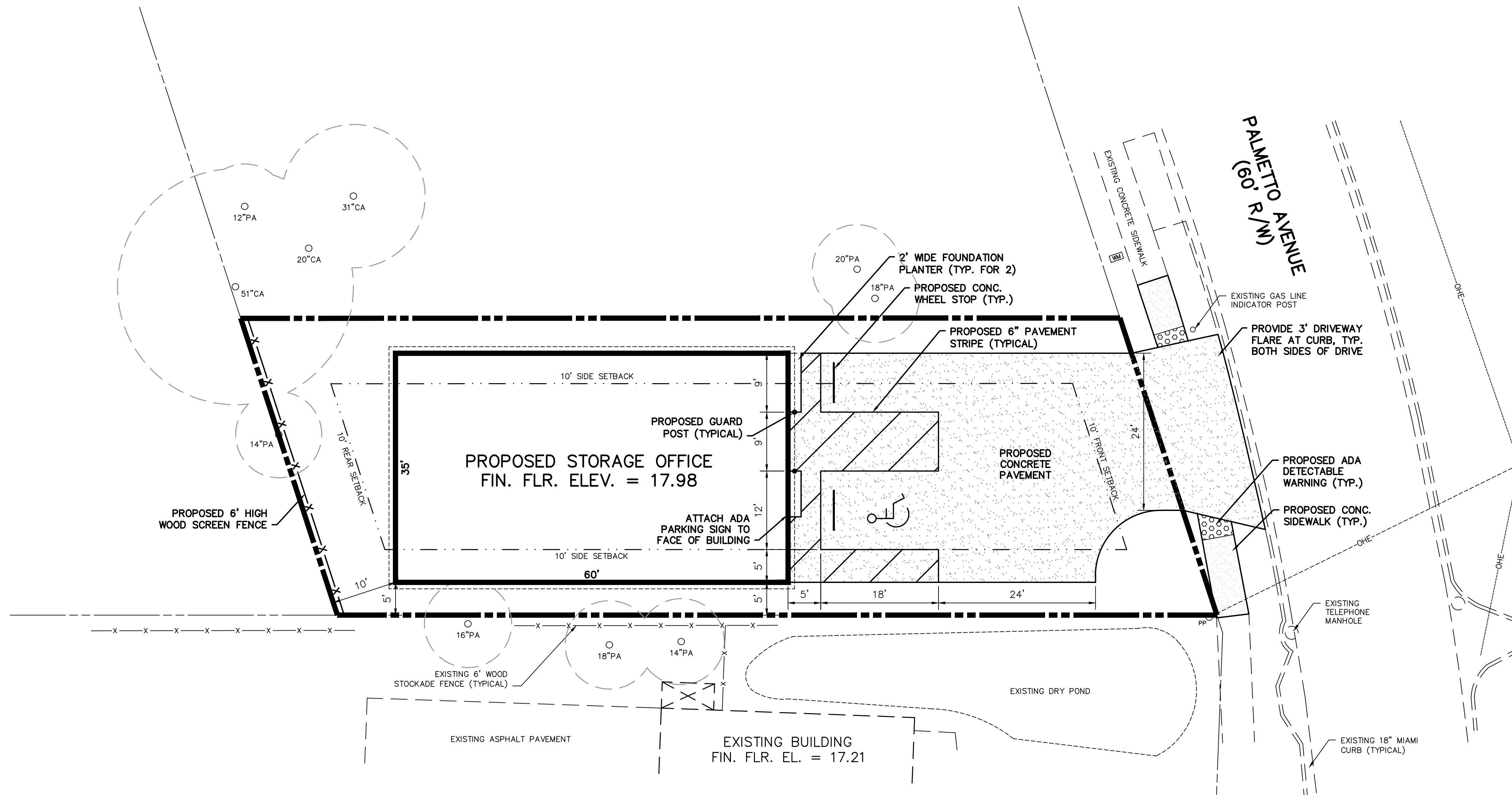
**SITE
 GEOMETRY
 PLAN**

REV.	DATE	BY	DESCRIPTION
B	10-14-20	MJP	REVISED PERMIT ISSUE
A	08-18-20	MJP	PERMIT ISSUE

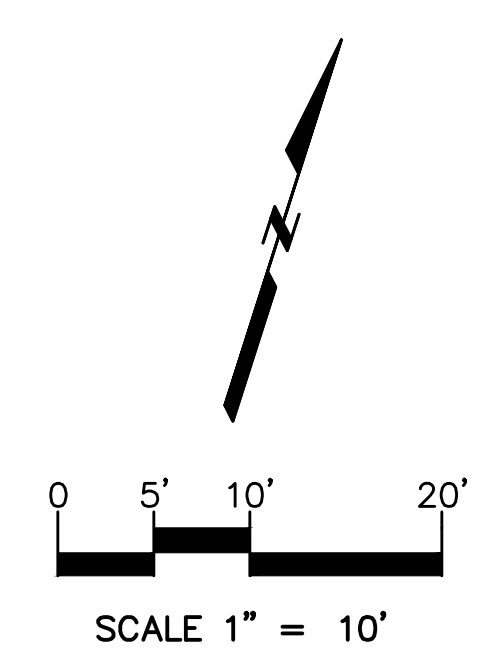
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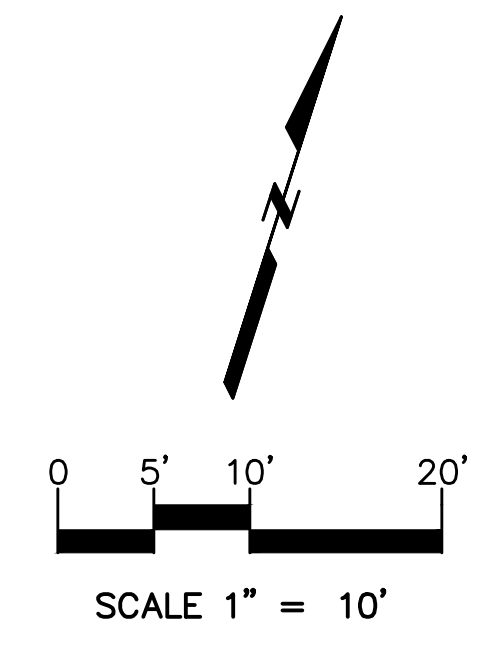
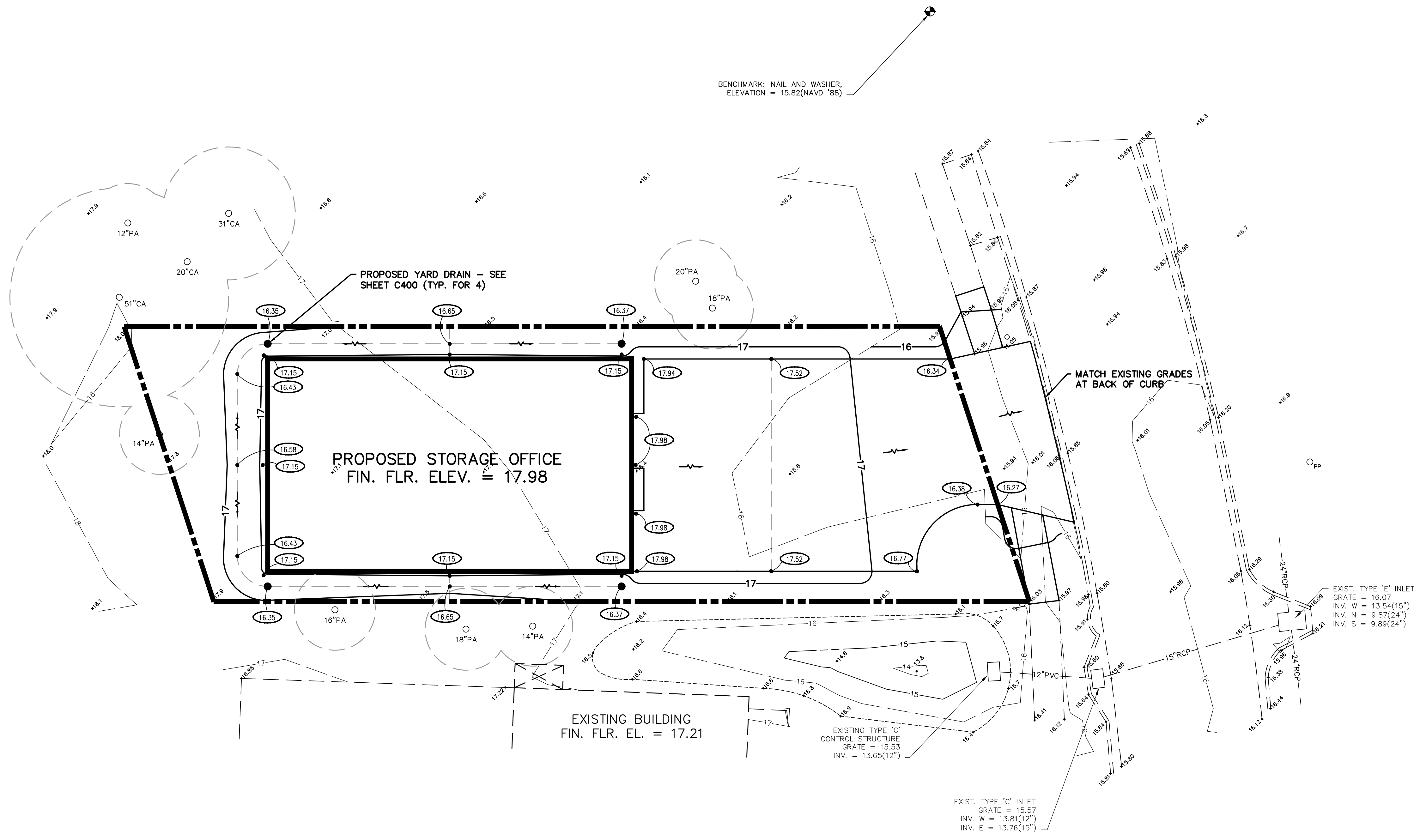
SCALE: 1" = 10'

C200
 DRAWING NO.



NOTE: EXISTING FIRE HYDRANT LOCATED AT THE CORNER OF PALMETTO AND GUM STREET, APPROXIMATELY 80' SOUTH OF THE SITE.





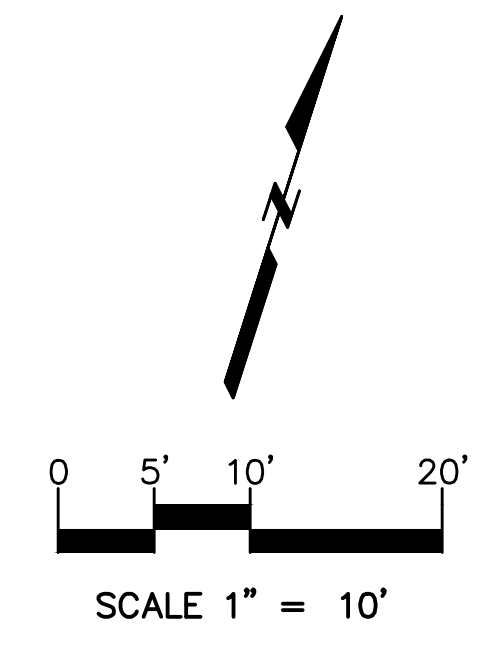
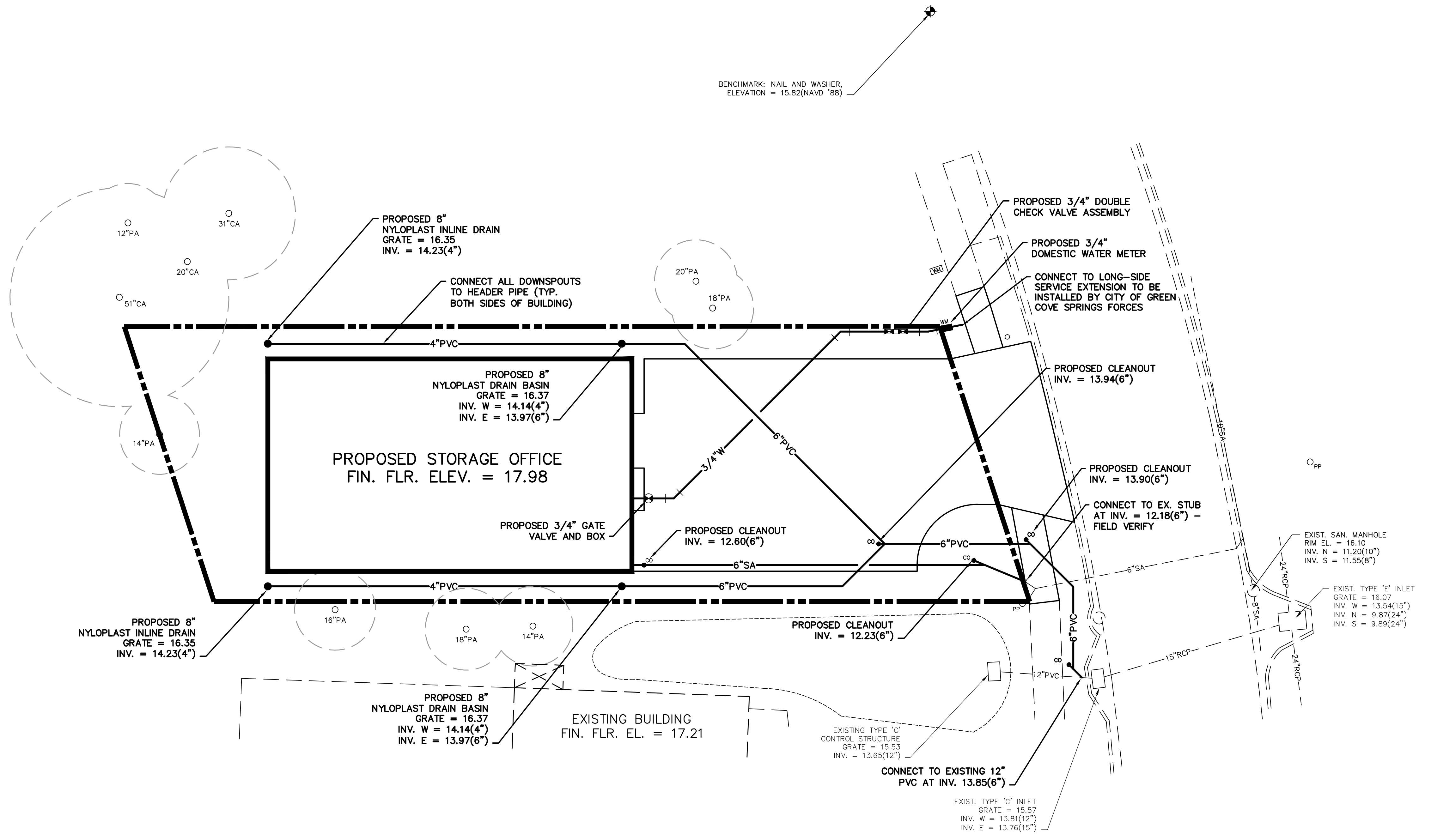
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**SITE
GRADING
PLAN**

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A	08-08-20	MJP	PERMIT ISSUE

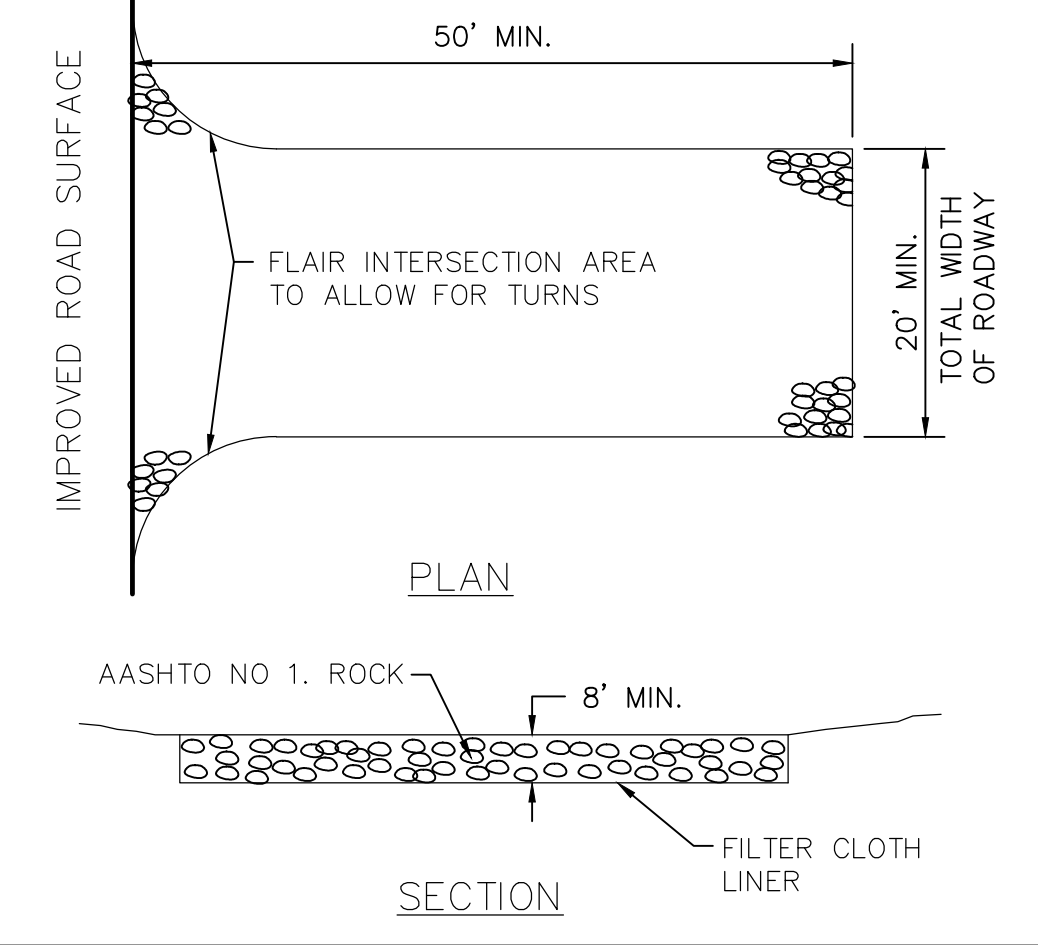
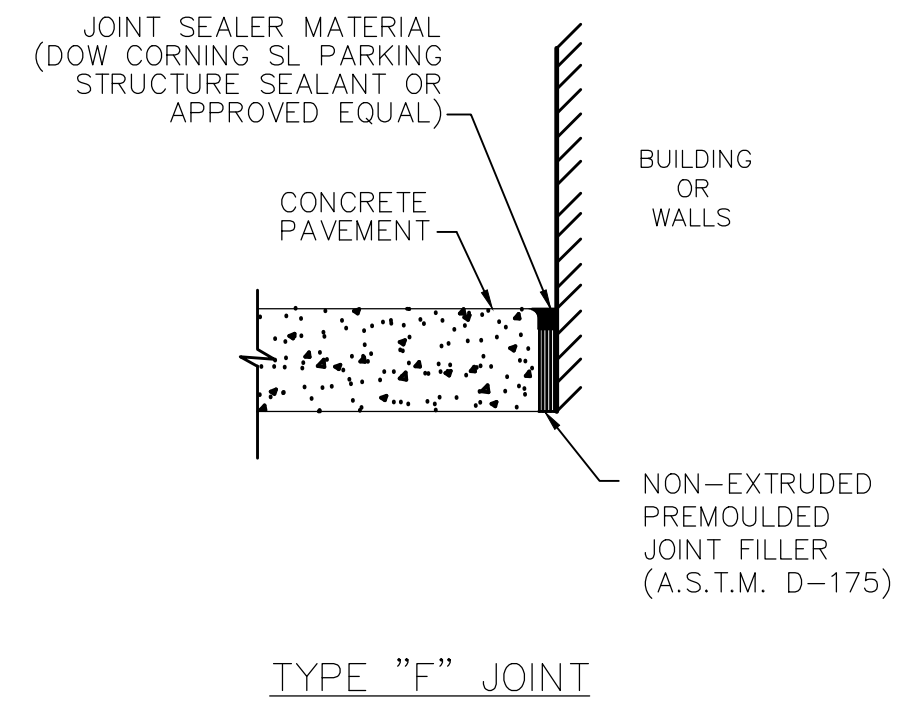
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CHECKED: MJP
SCALE: 1" = 10'

C300
DRAWING NO.



REV.	DATE	BY	DESCRIPTION
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A	08-02-20	MJP	PERMIT ISSUE

JOB NO. 20ENG010
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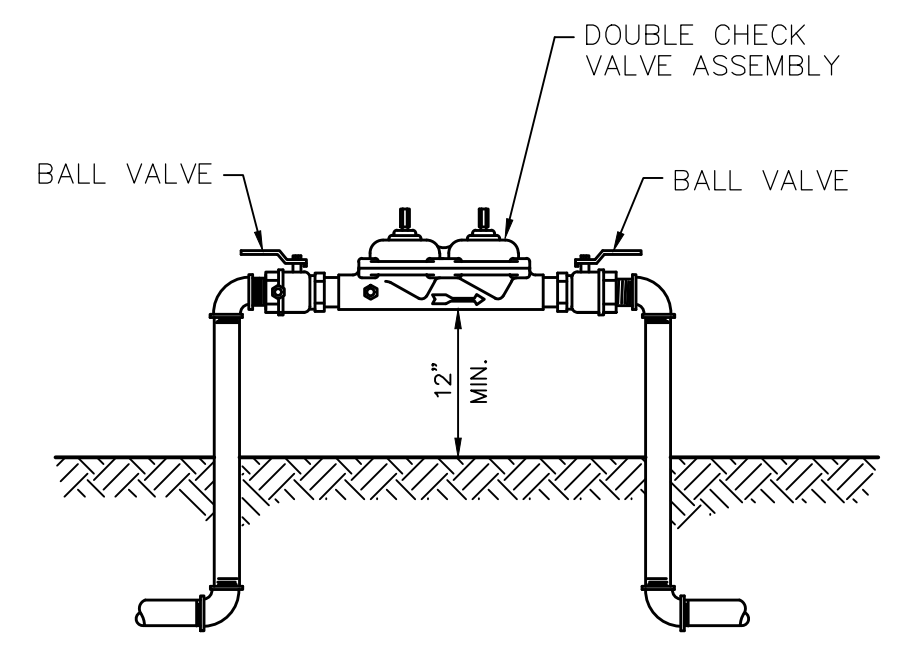


TYPE 'F' ISOLATION JOINT

1

STONE CONSTRUCTION ENTRANCE

2



NOTE: INSULATE ALL ABOVE GROUND FITTINGS FOR COMPLETE INSTALLATION.

DOUBLE CHECK VALVE ASSEMBLY

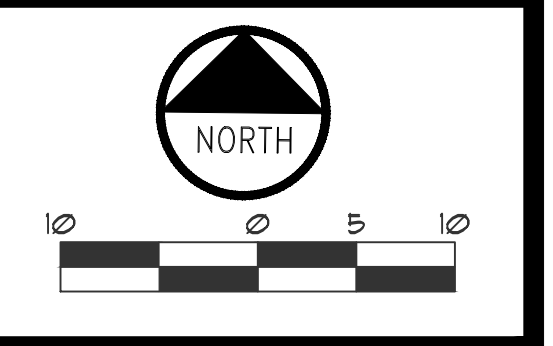
3

REV.	DATE	BY	DESCRIPTION
A	10-18-20	MJP	PERMIT ISSUE

JOB NO.	20ENG010
DRAWN:	MJP
CHECKED:	MJP
SCALE:	NONE

REVISIONS :

9-3-2020	per City Comments
10-12-2020	per City Comments



DATE : August 27, 2020
 PROJECT NO. : 202051
 DESIGNED BY : KSR
 DRAWN BY : KSR
 CHECKED BY : KSR
 SCALE : 1" = 10'

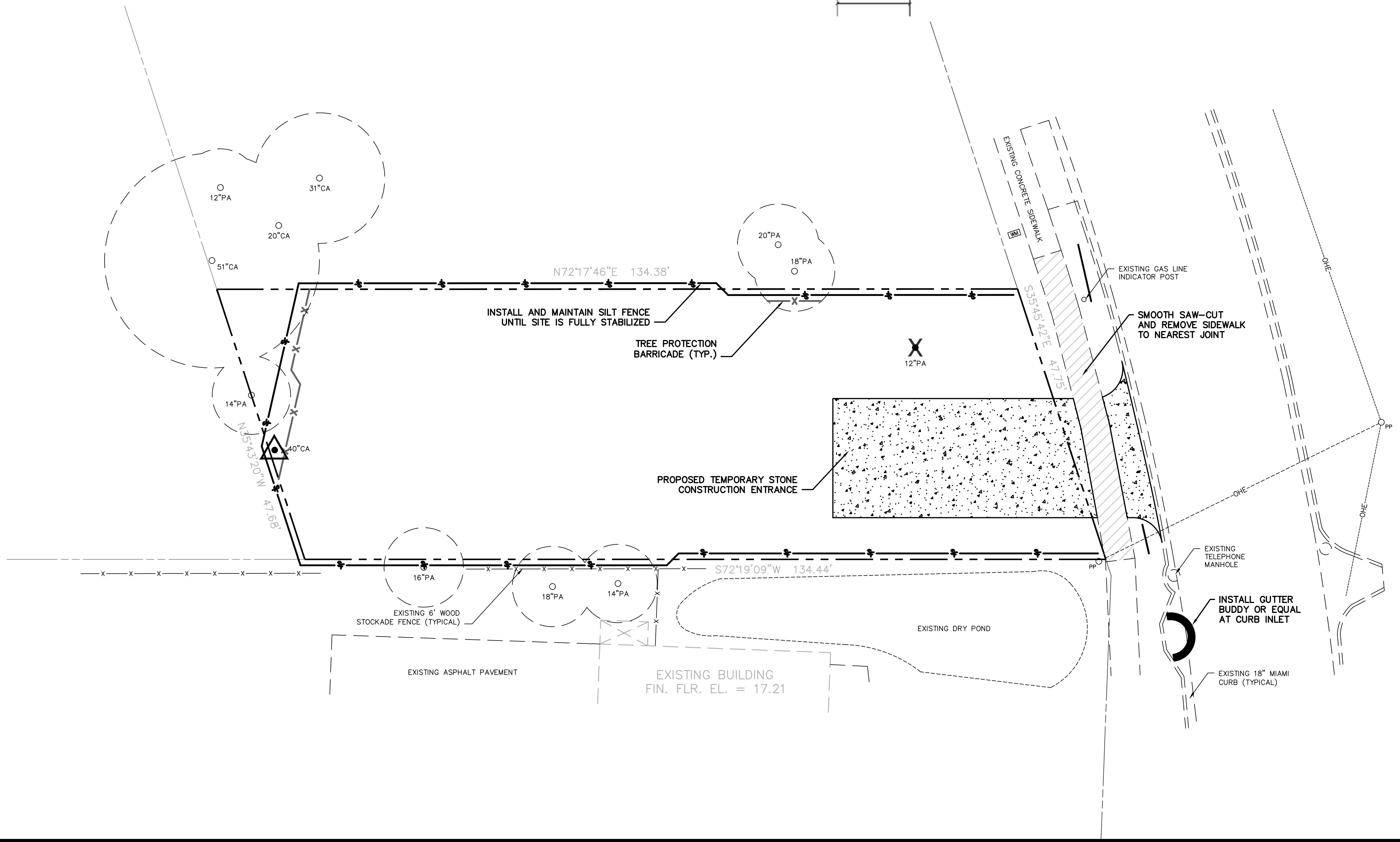
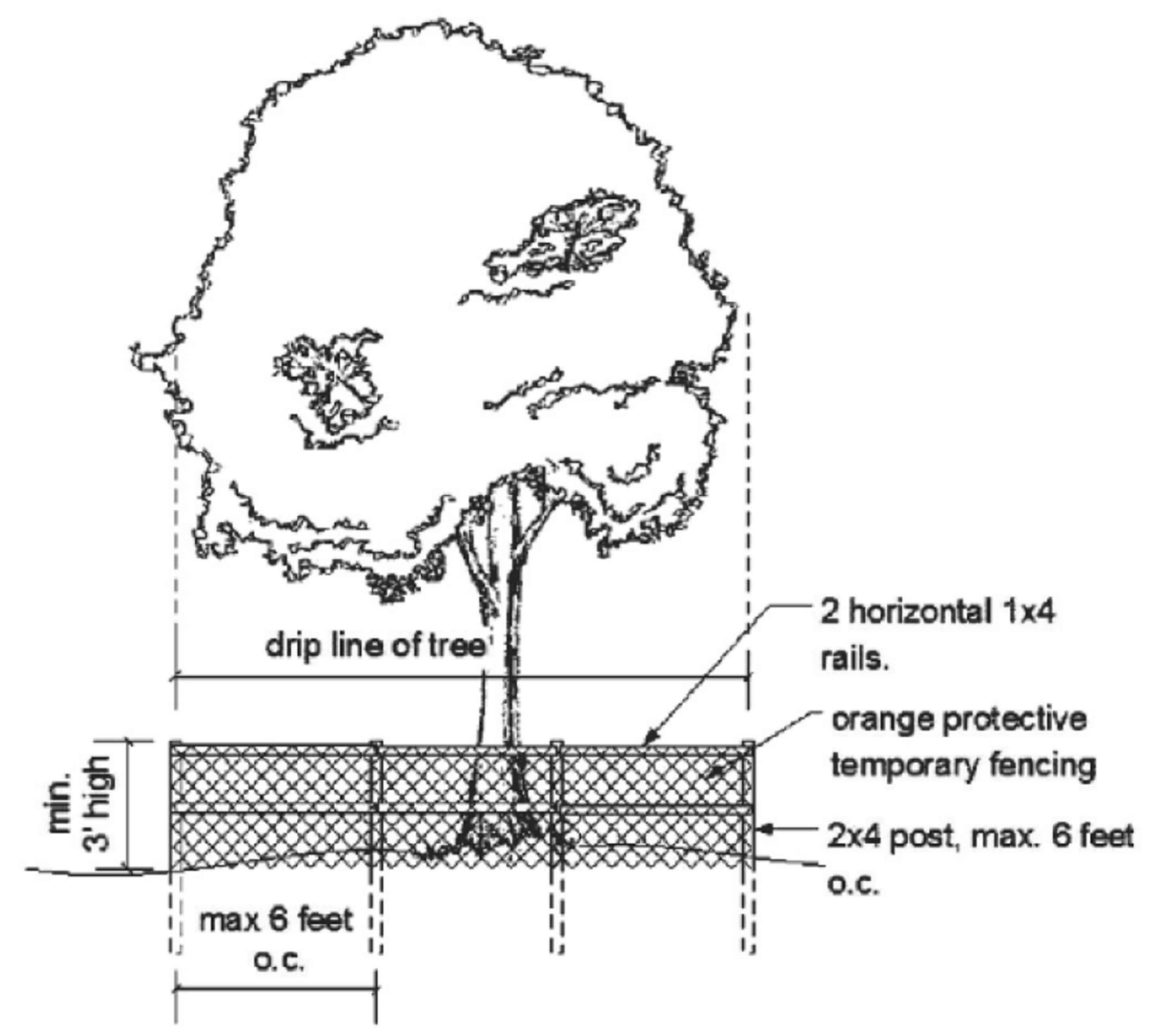
SHEET TITLE
TREE REMOVAL / PROTECTION PLAN

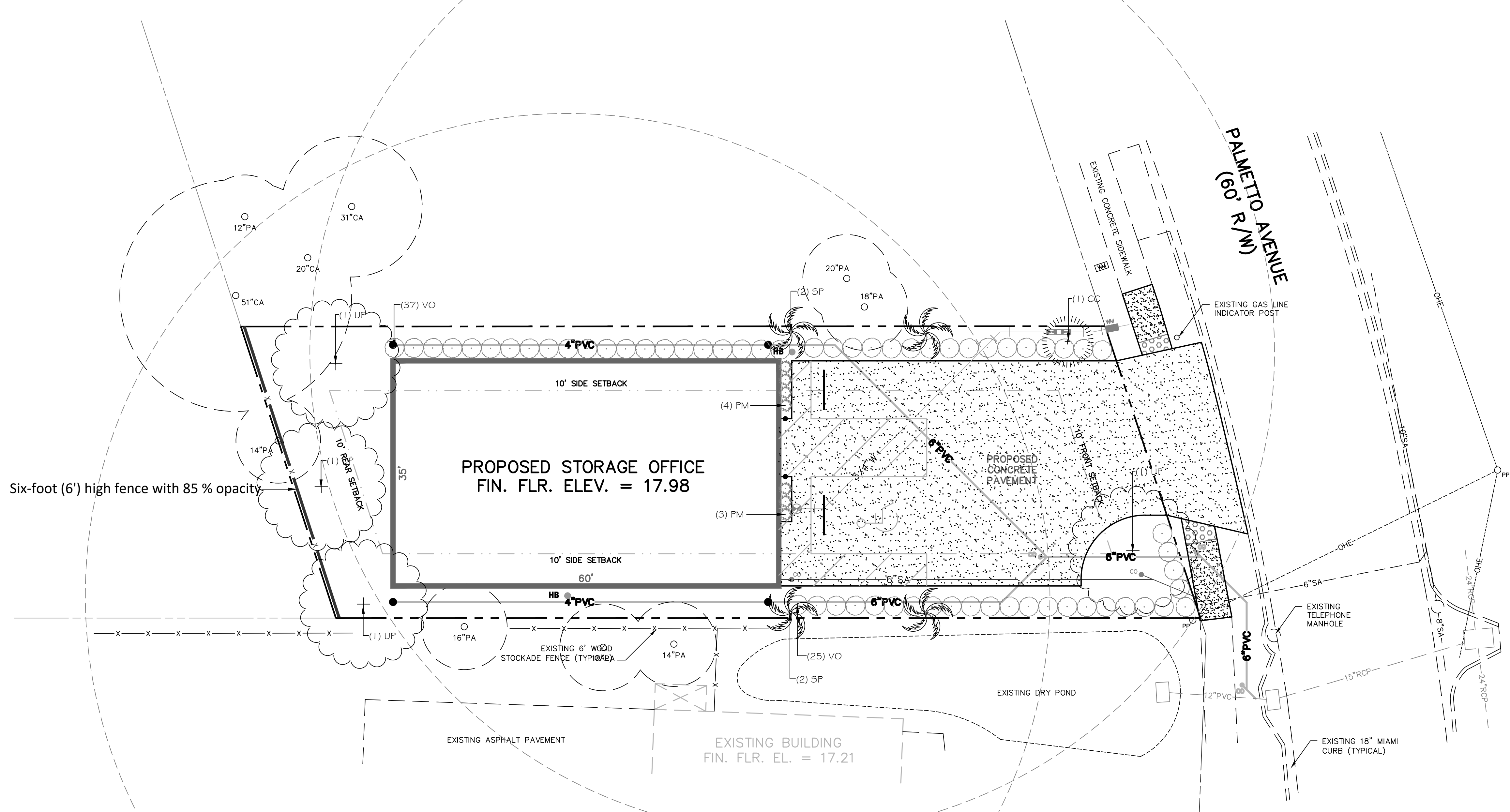
NOTE:
 • ALL MATERIALS REMOVED FROM SITE TO BE DISPOSED OF PROPERLY OFF SITE.

KEY:

21" PINE X PROTECTED TREE TO BE REMOVED WITH MITIGATION REQUIREMENTS.

40"CA △ NONPROTECTED TREE TO BE REMOVED WITH NO MITIGATION REQUIREMENTS.





LANDSCAPE CALCULATIONS:

TOTAL AREAS:	6,091 SF.
ZONING:	Commercial
VIA REQ. LANDSCAPE AREA:	1,032 SF.
LANDSCAPE AREA PROVIDED:	109 SF.
15% TOTAL SITE LANDSCAPE AREA AREA REQUIRED:	915 SF.
AREA PROVIDED:	2,131 SF.

PERIMETER AREA REQUIREMENT BREAKDOWN

PERIMETER AREA NORTH SIDE:	134 L.F.
5 SF. / L.F. = 5' x 134 L.F.	
AREA REQUIRED:	670 SF.
AREA PROVIDED:	670 SF.
PERIMETER AREA SOUTH SIDE:	134 L.F.
5 SF. / L.F. = 5' x 134 L.F.	
AREA REQUIRED:	670 SF.
AREA PROVIDED:	670 SF.
PERIMETER AREA EAST SIDE:	225 L.F.
10' SF. / L.F. = 10' x 225 L.F.	
AREA REQUIRED:	225 SF.
AREA PROVIDED:	225 SF.
PERIMETER AREA WEST SIDE:	48 L.F.
5' SF. / L.F. = 5' x 48 L.F.	
AREA REQUIRED:	240 SF.
AREA PROVIDED:	240 SF.

PERIMETER AND INTERIOR TREE/SHRUB REQUIREMENT BREAKDOWN

SITE AREA:
 1 TREE / 1500 SF. FOR 1st 10,500 = 6,091 SF.
 THEN 1 TREE / 4,000 SF. = 0 SF. / 4,000 SF.
 TREES REQUIRED: 1
 TREES PROVIDED: (50% Understory)

PERIMETER TREES / SHRUBS NORTH SIDE:	134 L.F.
1 TREE / 50 L.F. = 9 SHRUBS / 100 L.F.	
TREES / SHRUBS REQUIRED:	3T + 135
TREES / SHRUBS PROVIDED:	3T + 135
PERIMETER TREES / SHRUBS SOUTH SIDE:	134 L.F.
1 TREE / 50 L.F. = 9 SHRUBS / 100 L.F.	
TREES / SHRUBS REQUIRED:	3T + 135
TREES / SHRUBS PROVIDED:	3T + 135
PERIMETER TREES / SHRUBS EAST SIDE:	23 L.F.
1 CANOPY TREE / 50 L.F. + 4 UNDERSTORY / 100 L.F. + 24\"/>	
TREES / SHRUBS REQUIRED:	1C + 1U + HEDGE
TREES / SHRUBS PROVIDED:	1C + 1U + HEDGE
PERIMETER TREES WEST SIDE:	48 L.F.
1 TREE / 50 L.F. + 9 SHRUBS / 100 L.F.	
TREES / SHRUBS REQUIRED:	1T + 9S
TREES / SHRUBS PROVIDED:	1T + 9S

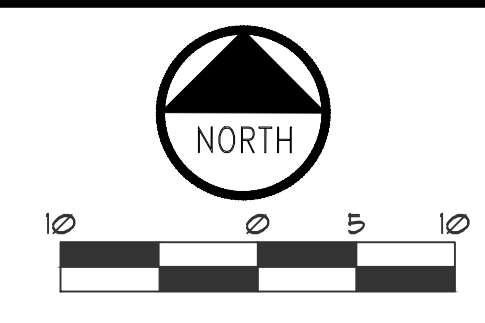
CODE SECTION 113-246
 (4) Maintenance of planted areas.
 a. Irrigation shall be provided for all new planting. Hose bibs may be installed as an alternative, one hose bib within 75 feet of all landscaped areas.
 b. Maintenance shall be the responsibility of the developer and/or landowner.
 c. Failure to maintain landscaped areas shall be considered a violation of this subpart and subject to code enforcement.



NARDUCCI WAREHOUSE
 409 PALMETTO AVENUE
 GREEN COVE SPRINGS, FLORIDA

REVISIONS :

9-3-2020	per City Comments
10-12-2020	per City Comments



DATE : August 27, 2020
 PROJECT NO. : 202051
 DESIGNED BY : KSR
 DRAWN BY : KSR
 CHECKED BY : KSR
 SCALE : 1" = 10'

SHEET TITLE
 LANDSCAPE /
 IRRIGATION PLAN

NARDUCCI WAREHOUSE, 409 PALMETTO AVENUE, GREEN COVE SPRINGS, FLORIDA

General Notes and Specifications

- Prior to construction the landscape contractor shall be responsible for locating all underground utilities and shall avoid damage to all utilities during the course of the work. The landscape contractor is responsible for repairing any and all damage to utilities, structures, site appurtenances, etc., which occurs as a result of the landscape construction.
- When conditions detrimental to plant growth are encountered, such as rubble fill, adverse drainage conditions or obstructions, notify owner's representative before planting.
- All plants must be healthy, vigorous material, free of pests and disease.
- All trees, palms, and shrubs shall be grade "Florida Fancy" per Grades and Standards For Nursery Plants (parts one and two), available through Florida Dept. of Agriculture and Consumer Services.
- All plant material must be approved by the Landscape Architect before the plant material is installed.
- Any changes to the plant material (size, type, etc.), irrigation or any other deviations from the plans must be approved by the Landscape Architect prior to the change being implemented by the contractor. The contractor must provide written proof of authorization for any changes.
- All plants to be field grown or container grown as indicated on plant list. Store plants in shade and protect from weather. If plants cannot be planted immediately upon delivery, properly protect them with soil, wet peat moss, or in a manner acceptable to owner's rep. Do not remove container grown stock from containers until planting time. Protect roots of plant from drying or other possible injury. Keep plant ball moist at all times.
- All plants shall be triangular spaced.
- Obtain agronomic soils test for all planting areas and tree pits prior to excavation of tree pits. Tests shall be performed by an approved soils testing laboratory and shall include fertility and suitability analysis with written recommendations for soil amendments, fertilizer and chemical conditioner application rates for soil preparation, planting backfill mix, and post maintenance fertilization program. Submit a copy of soils report to owner's rep. and landscape architect.
- Add soil amendments as recommended by soil test in quantities necessary to bring soil mixture to pH rating of between 5.5 and 6.0. Minerals used for pH correction shall be commercially produced for this purpose.
- All plants and planting areas must be completely mulched as specified with three (3) inches of organic mulch. Provide 4" minimum clearance of mulch from all shrub trunks and 6" minimum clearance from all tree trunks.
- The landscape contractor is responsible for verifying all quantities shown on these plans, before pricing the work.
- The planting shall be done in accordance with acceptable horticultural practices. This is to include proper planting mix, plant and tree pit preparation, pruning, staking or guying, wrapping, spraying, fertilization, planting, and adequate maintenance throughout the required maintenance period.
- The landscape contractor is responsible for fully maintaining all planting (including but not limited to: pruning, watering, fertilizing, cultivating, weeding, mowing, mulching, tightening and repairing of guys, resetting plants to proper grade or upright position, restoration of plant saucer, and furnishing and applying such sprays as necessary to keep free of insects and diseases. The landscape contractor's responsibility for maintenance (exclusive of replacement within the guarantee period) shall terminate one year from the date of final acceptance by owner and landscape architect.
- All trees, palms, shrubs and plant material shall be warranted for a period of one year after date of completion and acceptance of the entire project. Final acceptance of all landscaping under this contract shall constitute the beginning of the guarantee period. Replace, in accordance with the drawings and specifications, all plants that are dead or, as determined by the owner's representative, are in an unhealthy or unsightly condition, and have lost their natural shape due to dead branches, or other causes due to the contractor's negligence. Furnish and plant replacements which comply with requirements shown and specified. Warrant all replacement plants for one year after installation. The cost of such replacement(s) is at the contractor's expense.
- All plants are subject to approval by the owner's representative. Prior to planting, all trees and palms must be approved by the owner or owner's rep.
- Standards set forth in "American Standard for Nursery Stock" represent guideline specifications only and shall constitute minimum quality requirements for plant material.
- At the conclusion of this planting, if the owner's rep. or owner has reason to believe that the plants are not of the specified grade, he will request a re-grading or inspection, and such evidence will be the basis for requesting replacement of plants and for legal or other action according to law, should this become necessary.
- All planting beds to be treated with pre-emergent weed control prior to planting.
- Contractor is to check the site weekly to insure all plant material is healthy and well watered.
- All disturbed areas to be sodded or seeded with *Paspalum notatum* as noted.

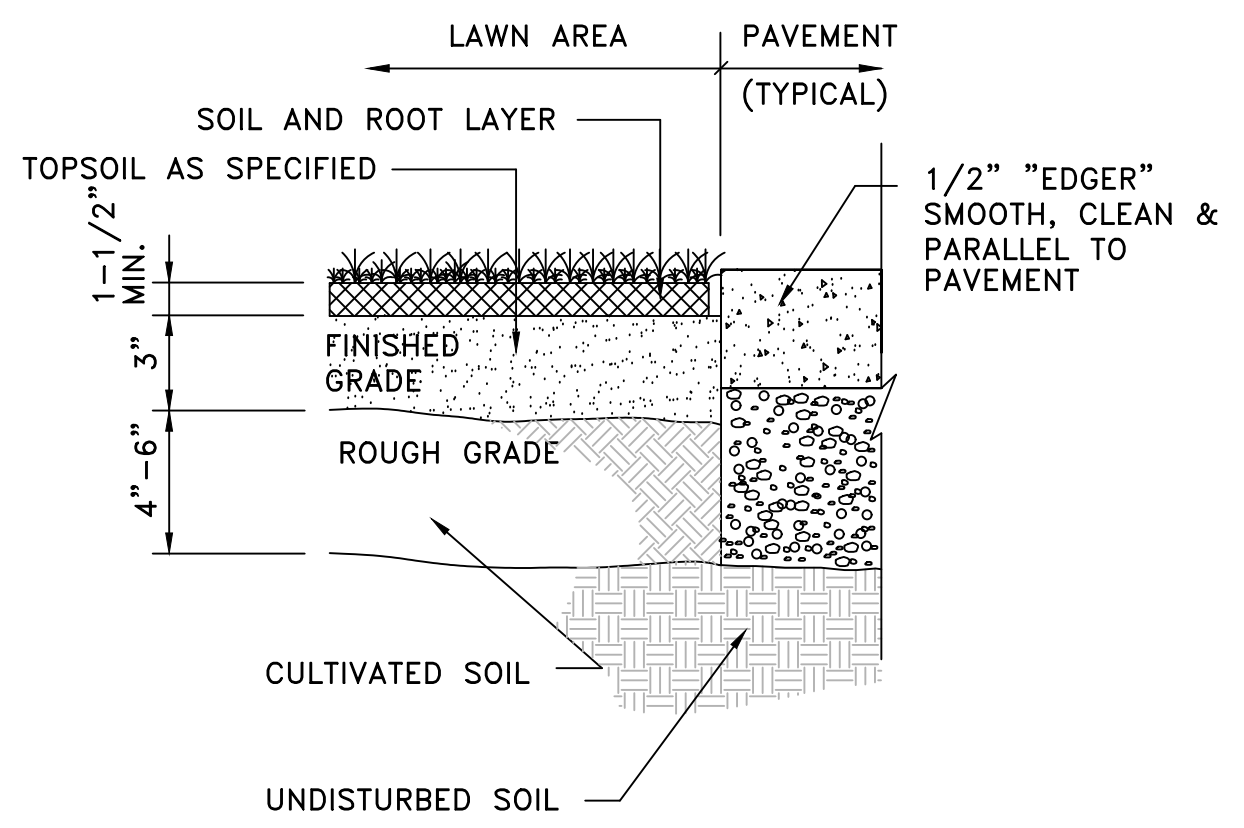
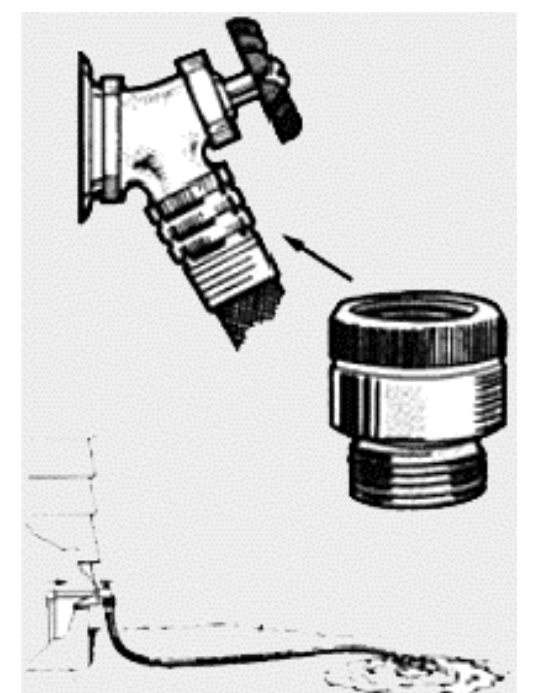
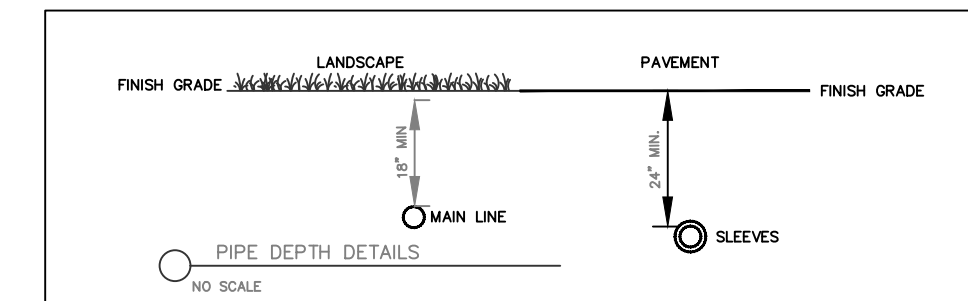
PLANT SCHEDULE				
TREES	QTY	COMMON / BOTANICAL NAME	SPACING	SPECIFICATIONS
CC	1	Bottlebrush / <i>Callistemon citrinus</i>	AS SHOWN	10'-12' height x 5'-6' Spread minimum, 2.5" caliper
SP	4	Cabbage Palmetto / <i>Sabal palmetto</i>	AS SHOWN	10'-12' clear trunk x 5'-6' Spread minimum
UP	4	Drake Elm / <i>Ulmus parvifolia 'Drake'</i>	AS SHOWN	10'-12' height x 5'-6' Spread minimum, 2.5" caliper
SHRUBS	QTY	COMMON / BOTANICAL NAME	SPACING	SPECIFICATIONS
PM	7	Podocarpus / <i>Podocarpus macrophyllus</i>	24" o.c.	36" ht. x 24" spd. minimum full & dense
VO	62	Dwarf Walter's Viburnum / <i>Viburnum obovatum 'Dwarf Walter's'</i>	36" o.c.	36" ht. x 24" spd. minimum full & dense

NOTES:

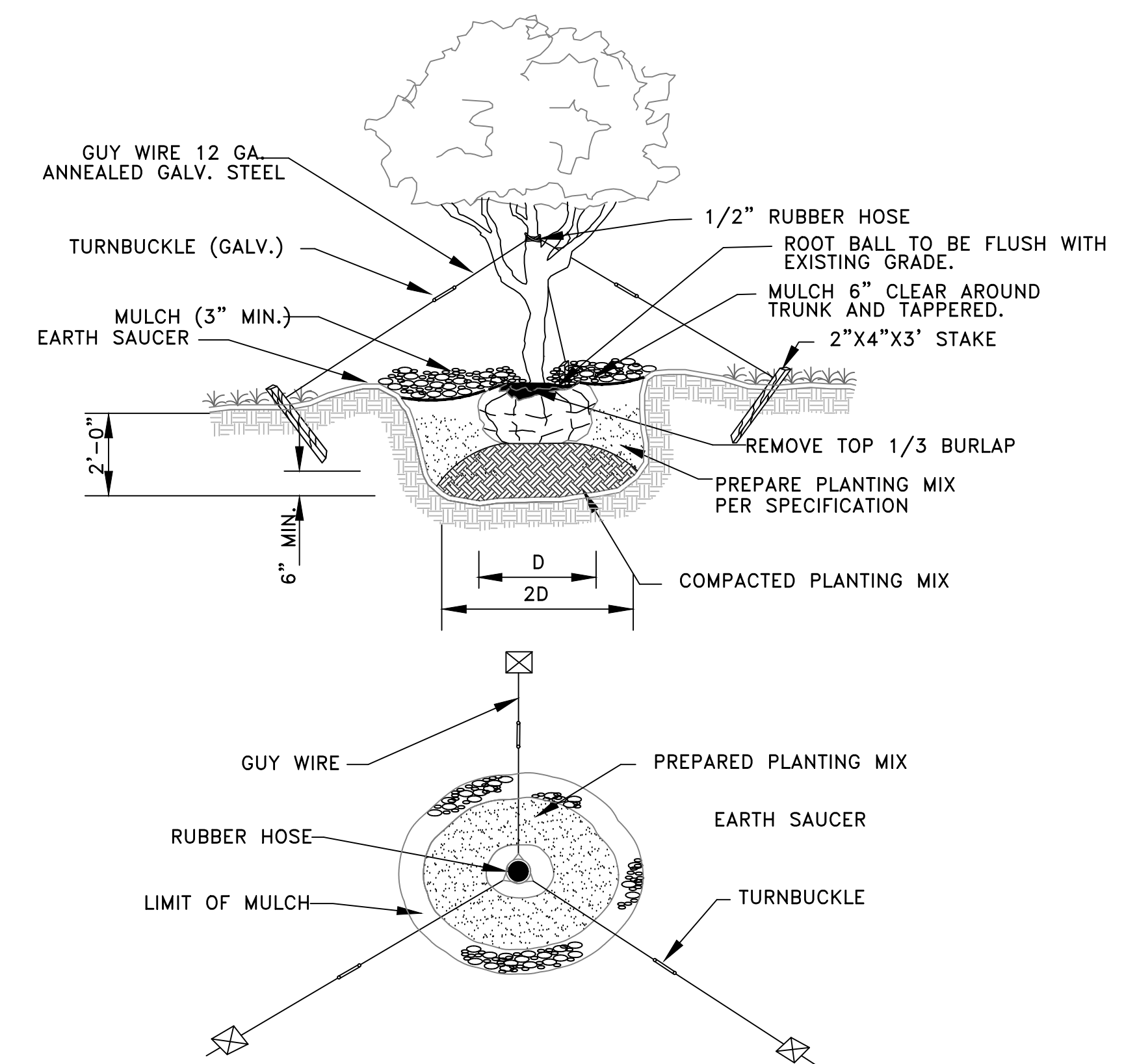
- MULCH ALL PLANTING BEDS WITH 3" ORGANIC MULCH.
- ALL DISTURBED AREAS NOT OTHERWISE LANDSCAPED SHALL BE SODDED WITH BAHIA SOD.
- ALL PLANT MATERIAL TO BE FLORIDA NO. 1 QUALITY OR BETTER.
- NO SUBSTITUTIONS WITHOUT PRIOR WRITTEN CONSENT OF THE LANDSCAPE ARCHITECT.
- ALL TREES AND PLANTS SHALL MEET MINIMUM SPECIFIED SIZES IN INCHES AND FEET, REGARDLESS OF CONTAINER SIZE INDICATED. WHERE DIFFERENCES OCCUR, THE LARGER SPECIFICATION SHALL PREVAIL.
- CONTRACTOR TO VERIFY ALL QUANTITIES
- CALIPER TO BE MEASURED AT D.B.H.

ORDINANCE CHAPTER 366 SCHEDULE AND IRRIGATION REQUIREMENTS:

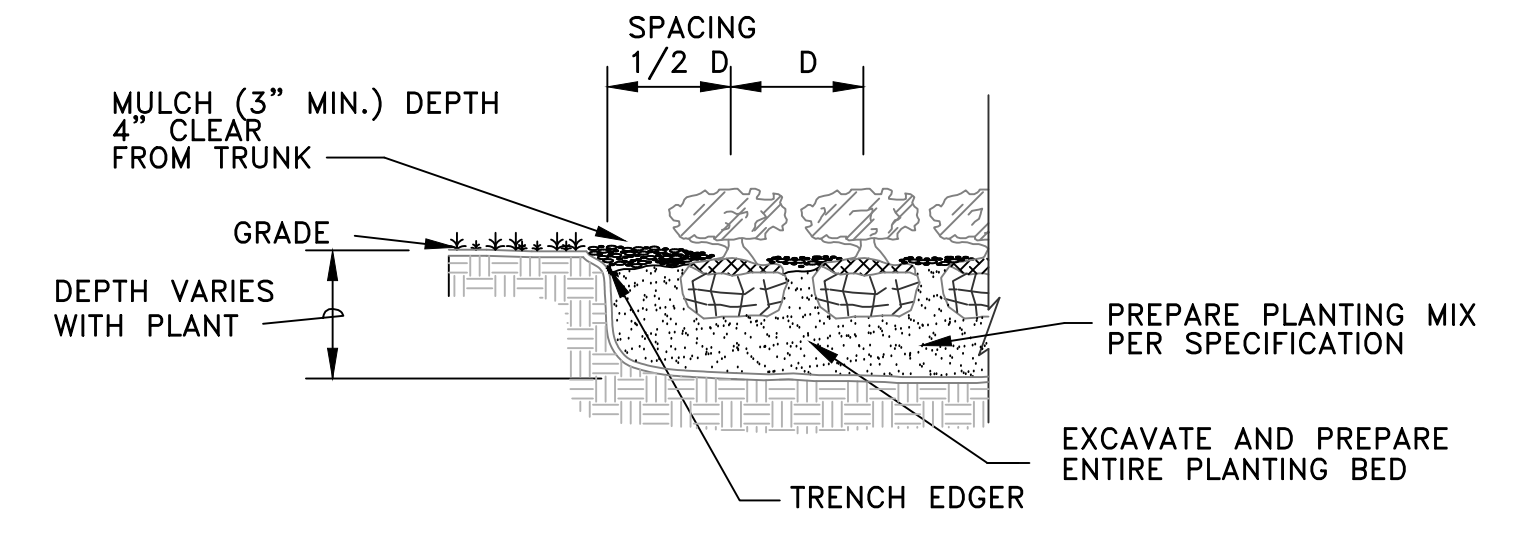
- | | |
|--|--|
| MARCH-NOVEMBER (DAYLIGHT SAVINGS TIME) | NOVEMBER - MARCH (STANDARD TIME) |
| <ul style="list-style-type: none"> NO WATERING FROM 10AM TO 4 PM ODD NUMBER ADDRESSES OR THOSE ENDING WITH N-Z OR NO ADDRESS MAY WATER ON WEDNESDAY AND SATURDAY EVEN NUMBER ADDRESSES OR THOSE ENDING WITH A-M MAY WATER ON THURS. AND SUNDAY NON-RESIDENTIAL ADDRESSES MAY WATER ON TUESDAY AND FRIDAY APPLY UP TO 3/4 - INCH OR LESS OF WATER EACH CYCLE | <ul style="list-style-type: none"> NO WATERING FROM 10 AM TO 4 PM ODD NUMBER ADDRESSES OR THOSE ENDING WITH N-Z OR NO ADDRESS MAY WATER ON SATURDAY EVEN NUMBER ADDRESSES OR THOSE ENDING WITH A-M MAY WATER ON SUNDAY NON-RESIDENTIAL ADDRESSES MAY WATER ON ONLY ON TUESDAY APPLY UP TO 3/4 - INCH OR LESS OF WATER ONE TIME PER WEEK |



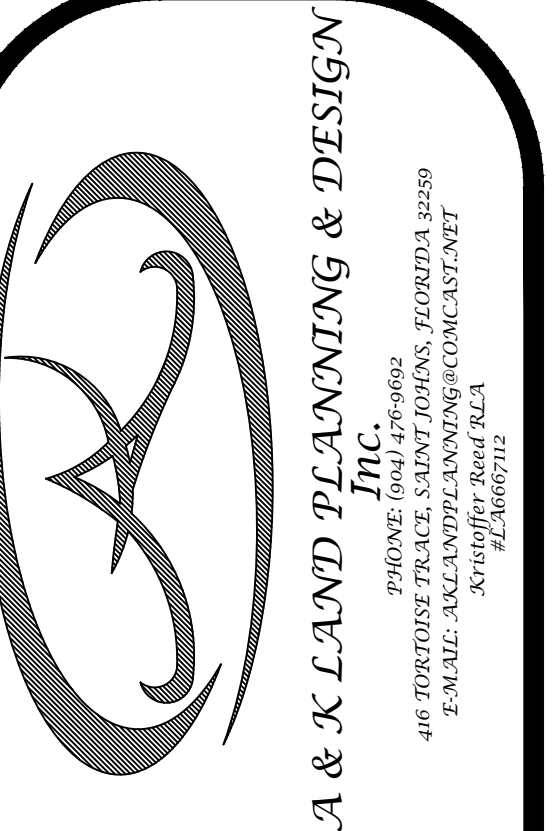
SOD DETAIL



TREE PLANTING DETAIL



SHRUB & GROUND COVER PLANTING DETAIL



NARDUCCI WAREHOUSE
409 PALMETTO AVENUE
GREEN COVE SPRINGS, FLORIDA

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9-3-2020	per City Comments
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SCALE : N.T.S.

SHEET TITLE
LANDSCAPE
DETAILS

NARDUCCI WAREHOUSE, 409 PALMETTO AVENUE, GREEN COVE SPRINGS, FLORIDA