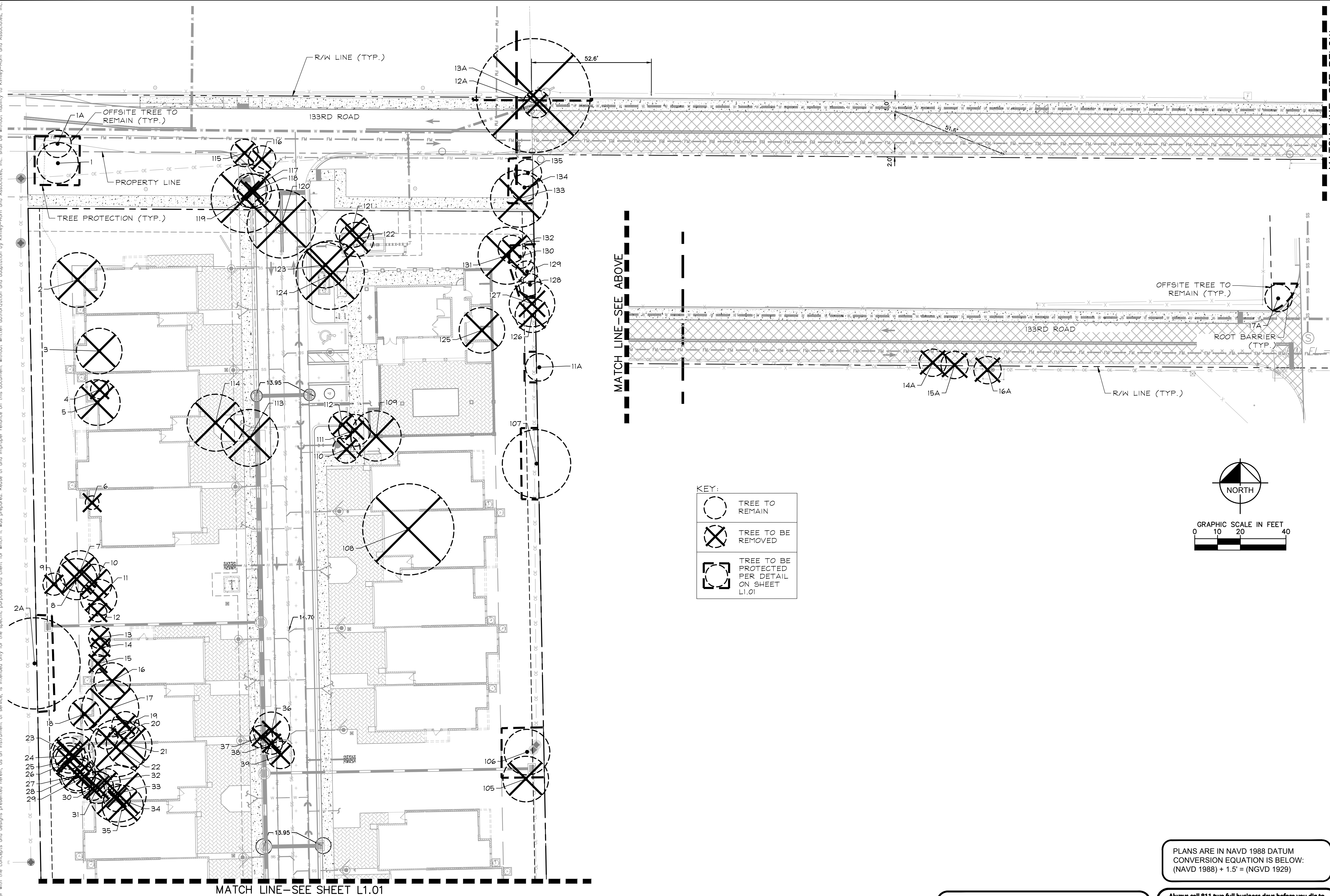
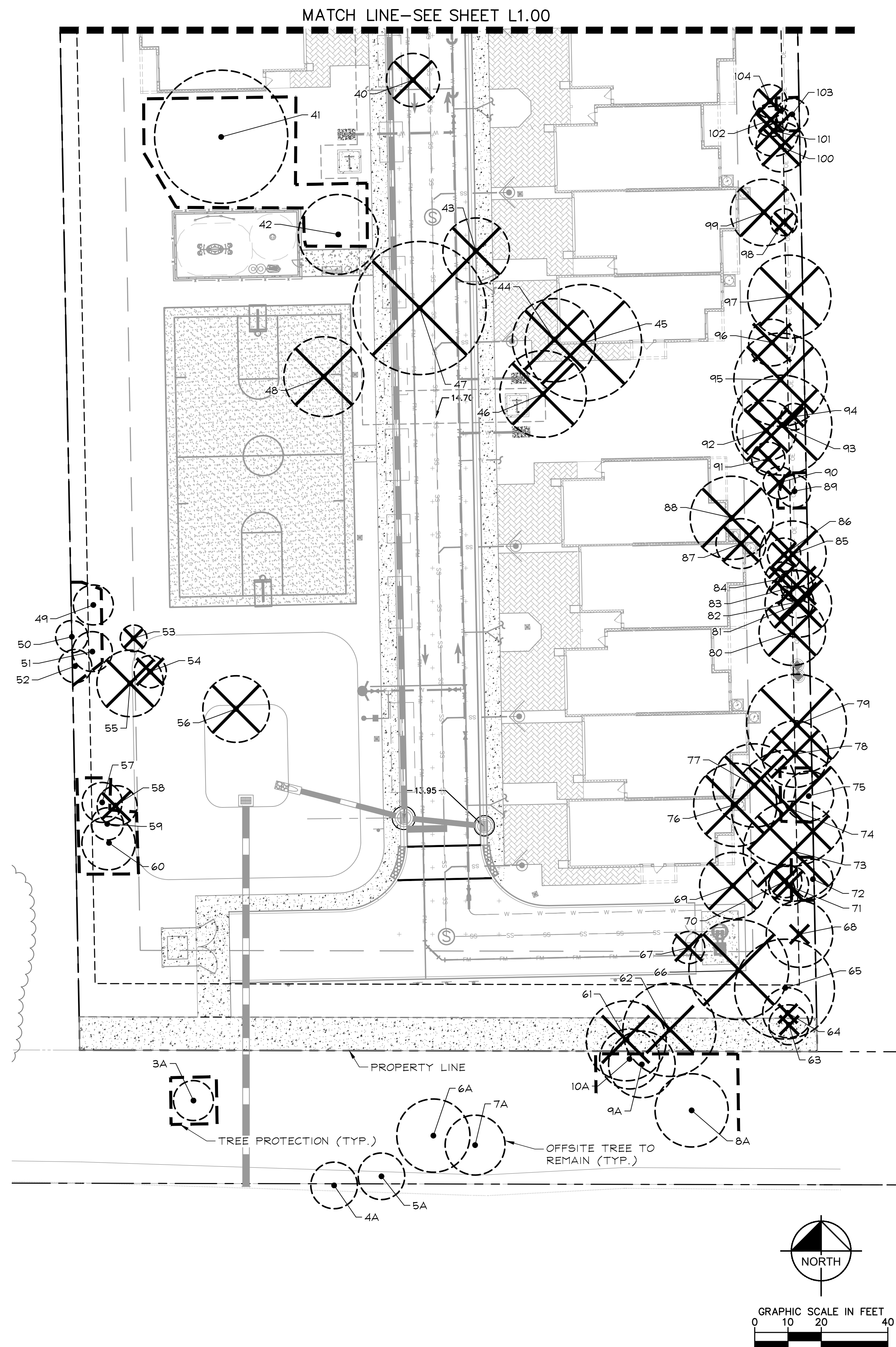


Plotted By: Richter, Tricia. Sheet Set: DELRAY TOWNHOMES. Layout: L1.00. TREE DISPOSITION PLAN. August 09, 2023. 01:54:22pm. K:\NBD-Civil\140726000 - Delray Townhomes\CADD\PlanSheets\L1.00 TREE DISPOSITION PLAN - All.dwg
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DELRAY TOWNHOMES PREPARED FOR OCEAN RIDGE RENTALS	TREE DISPOSITION PLAN	KHA PROJECT 140726000 DATE JULY 2023 SCALE AS SHOWN DESIGNED BY AVB DRAWN BY AVB CHECKED BY TCR	LICENSED PROFESSIONAL TRICIA C. RICHTER, PLA FLORIDA LICENSE NUMBER LA#6667244	Kimley»Horn © 2023 KIMLEY-HORN AND ASSOCIATES, INC. 1815 S. STATE STREET, SUITE 200, OCEAN RIDGE, FL 32445 PHONE: 561-330-2345 FAX: 561-863-8175 WWW.KIMLEY-HORN.COM REGISTRY NO. 35106	REVISIONS No.	DATE BY
			DATE 07/26/2023			
SHEET NUMBER L1.00						



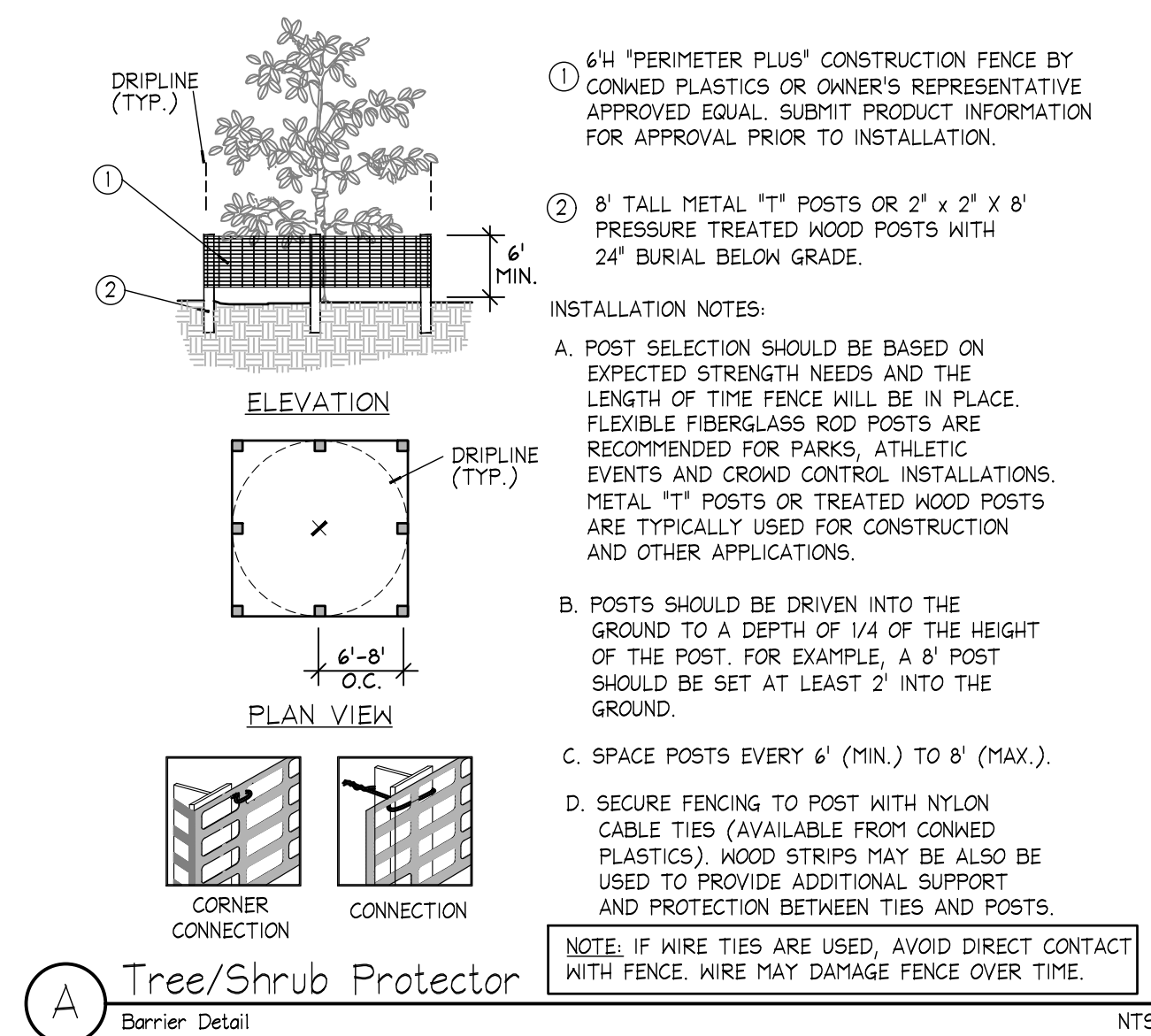
TREE RELOCATION

TREE RELOCATION GENERAL NOTES

1. Trees shall be relocated once from their present location to a designated location per the direction of the Project Engineer who shall determine the exact location for each relocated tree and/or palm. Relocation activities will include planting on slopes and/or level grade.
2. An ISA - Certified Arborist or a Certified Landscape Contractor certified by the Florida Nurserymen and Growers Association shall perform and monitor all tree root pruning and relocation activities.
3. Landscape Specifications provided in this construction set shall apply to all relocated trees and/or palms.
4. Contractor shall stake and guy all trees at the time of relocation as per details provided in this construction set. Contractor shall be responsible for the maintenance and/or repair of staking and guying during the warranty period. All trees and/or palms shall be braced at least one (1) year or as directed by the Owner's Representative.
5. Soil backfill for the installation of trees, palms, shrubs, and ground covers shall be uniform mix of 25% well-rotted compost, 25% topsoil, and 50% clean, weed-free loosened native soil backfill.
6. Contractor shall submit manufacturers certified analysis for soil amendments to the Owner's Representative.
7. Contractor shall pay to have the backfill lab tested if requested by the Owner's Representative. Non-soluble wetting agent shall be added to the backfill per the manufacturer's specifications.

ROOT PRUNING

1. The Landscape Architect has observed trees that could be impacted by construction of the proposed improvements.
2. If construction activities occur within the dripline (or the horizontal extent of the canopy) of a tree, then that tree is a candidate for root pruning.
3. Root pruning must occur prior to trenching operations to insure that the roots are cut clean and at proper angles and not mechanically ripped from the earth during construction.
4. For trees requiring root pruning, a tree assessment shall be conducted and a root-pruning plan shall be developed by a Certified Arborist or Consulting Arborist. This plan should identify:
 - Maximum allowable size of roots to be cut
 - Allowable proximity to the trunk for cuts
 - Time of year when root cutting is allowable
(Note: In Florida, it is best to avoid root pruning during times of the May through September, when the potential for damaging wind loads on trees are greatest.)
 - Method for making cuts
 - Mitigating canopy pruning
 - Type and extent of necessary structural support
 - Schedule for watering/fertilization after pruning
5. Implement the root pruning plan per the Arborist's recommendation.



EXISTING TREE - PRUNING NOTES:

1. TREE PRUNING WORK MUST BE PERFORMED BY OR DIRECTLY SUPERVISED BY AN ISA CERTIFIED ARBORIST.
2. CONTRACTOR SHALL HOLD A PRE-PRUNING CONFERENCE WITH THE OWNER AND LANDSCAPE ARCHITECT PRIOR TO COMMENCING PRUNING OPERATIONS.
3. PRUNE TREES PER ANSI A300 FOR THE FOLLOWING:
 - 3.1. MAINTENANCE - TO MAINTAIN OR IMPROVE THE TREE'S HEALTH AND STRUCTURE
 - 3.2. HAZARD REDUCTION - TO REMOVE DEAD LIMBS OR OTHER VISIBLE HAZARDS FROM THE TREE CANOPY
 - 3.3. CROWN CLEANING - TO SELECTIVELY REMOVE DEAD, DYING OR DISEASED BRANCHES, WEAK BRANCHES, AND SUCKER SPROUTS.
 - 3.4. CROWN RAISING - TO REMOVE LOWER BRANCHES TO PROVIDE VERTICAL CLEARANCE

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TREE
DISPOSITION PLAN

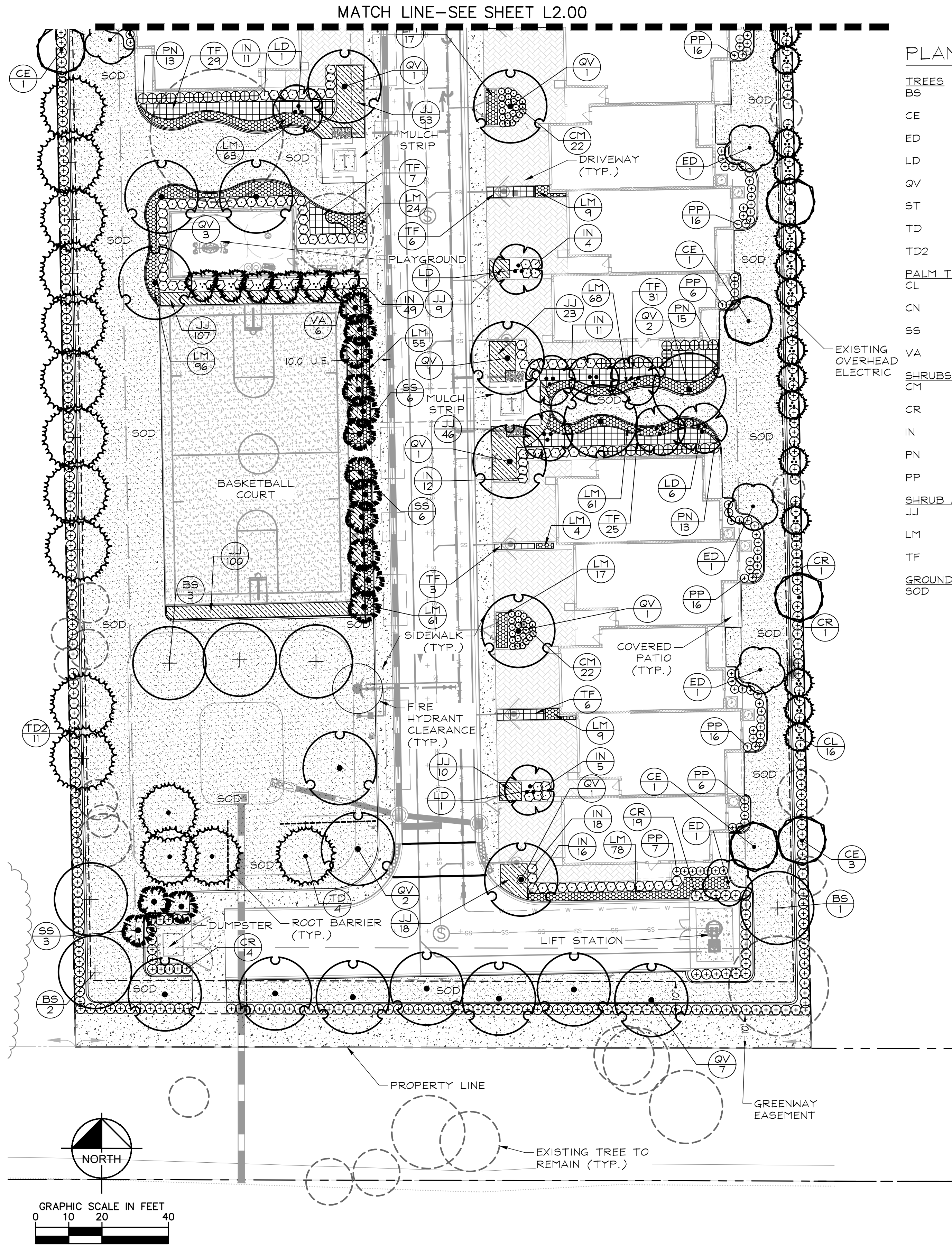
KHA PROJECT 140726000	LICENSED PROFESSIONAL	
DATE JULY 2023	TRICIA C. RICHTER, PLA	
SCALE AS SHOWN	FLORIDA LICENSE NUMBER LA#6667244	
DESIGNED BY AVB	DATE: 07/26/2023	
DRAWN BY AVB		
CHECKED BY TCR		

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FLORIDA	CHECKED BY	TCR	DATE: 07/26/2023
DELRAY BEACH			REVISIONS
			NO.

Plotted By: Tricia C. Richter, P.E. August 08, 2023 01:55:22pm K:\BCD_Civil\140726000 - Delray Townhomes\LANDSCAPE PLAN.dwg
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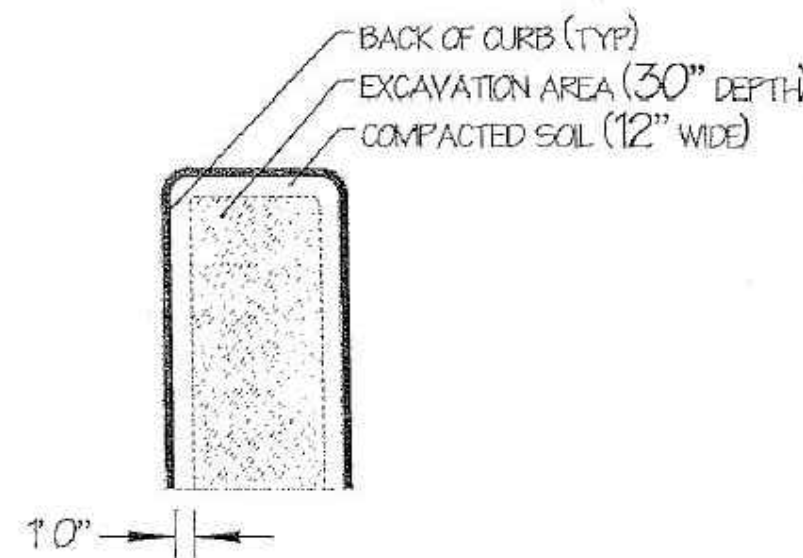


PLANT SCHEDULE

TREES	COMMON NAME
BS	Gumbo Limbo
CE	Silver Buttonwood
ED	Japanese Blueberry
LD	'Tuscarora' Grape Myrtle
QV	'Cathedral' Live Oak
ST	Silver Trumpet
TD	Bald Cypress
TD2	Bald Cypress
PALM TREES	COMMON NAME
CL	Areca Palm
CN	Coconut Palm
SS	Sabal Palm
VA	Montgomery Palm
SHRUBS	COMMON NAME
CM	'Mammey' Croton
CR	'Red Tip' Cocoplum
IN	'Nora Grant' Red Ixora
PN	Wild Coffee
PP	Pringles Dwarf Podocarpus
SHRUB AREAS	COMMON NAME
JJ	Wax Jasmine
LM	'Emerald Goddess' Liriope
TF	'Dwarf' Florida Gamagrass
GROUND COVERS	COMMON NAME
SOD	Floratam St. Augustine Grass

KEY:

	VEHICULAR USE AREA 28,479 SF
	INTERIOR LANDSCAPE AREA 3,193 SF
	FOUNDATION PLANTINGS AREA 2,423 SF
	OPEN SPACE AREA 31,503 SF
	LANDSCAPE BUFFER AREA 15,735 SF
	PARKING AND VEHICULAR USE PERIMETER 1,484 LF

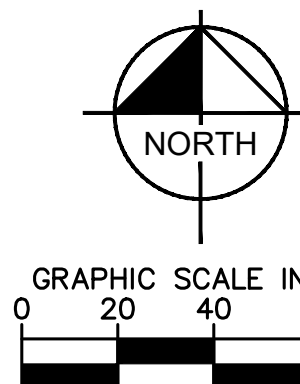


NOTES:

1. ALL EXISTING SOIL WITHIN LANDSCAPE AREAS ADJACENT TO VEHICULAR USE AREAS IS REQUIRED TO BE REMOVED (TO 30\"/>
2. ALL PROPERTIES UNDER THIS SECTION SHALL BE REQUIRED TO HAVE AN OPEN LANDSCAPE BED INSPECTION PRIOR TO BACKFILLING TO INSURE THE THIRTY (30) INCH DEPTH HAS BEEN MET.

(A) Typical Parking Island Excavation Detail

NTS

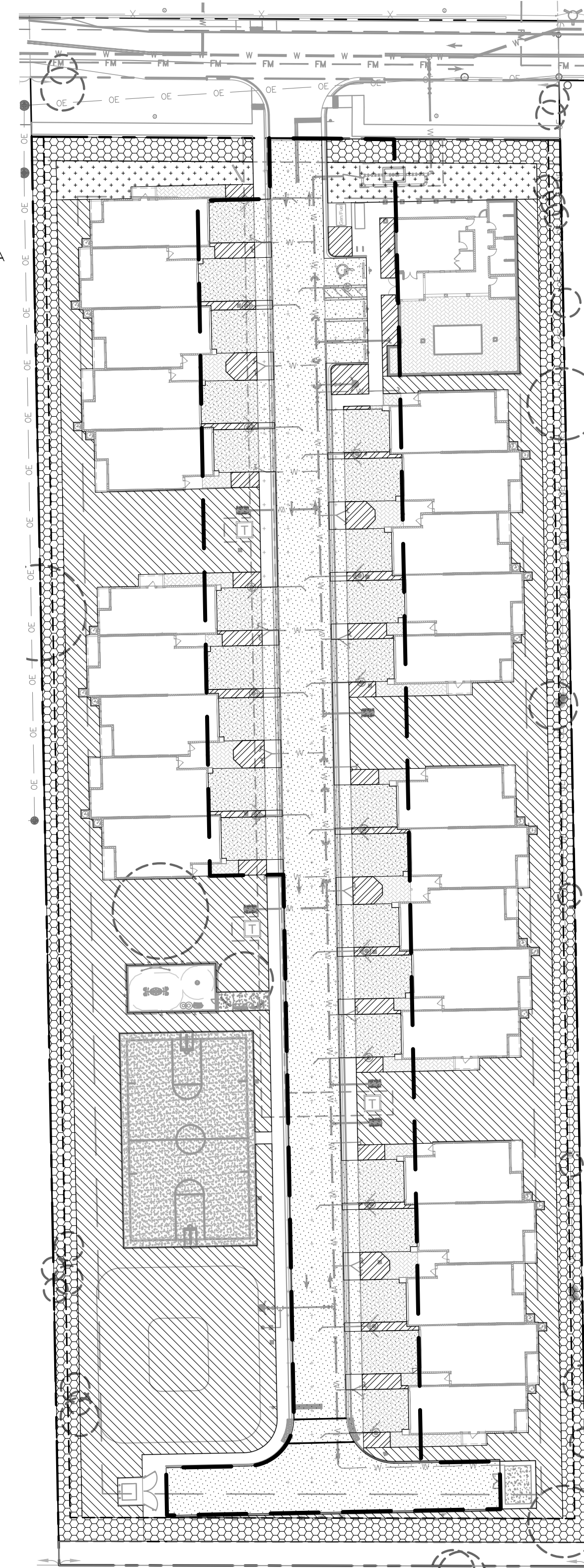


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**DELRAY
TOWNHOMES**
PREPARED FOR
OCEAN RIDGE RENTALS
FLORIDA

LANDSCAPE PLAN

KHA PROJECT
140726000
DATE
JULY 2023
SCALE AS SHOWN
DESIGNED BY AVB
DRAWN BY AVB
CHECKED BY TOR
DATE 07/26/2023

LICENSED PROFESSIONAL

TRICIA C. RICHTER, P.E.
FLORIDA LICENSE NUMBER
LA#6667244

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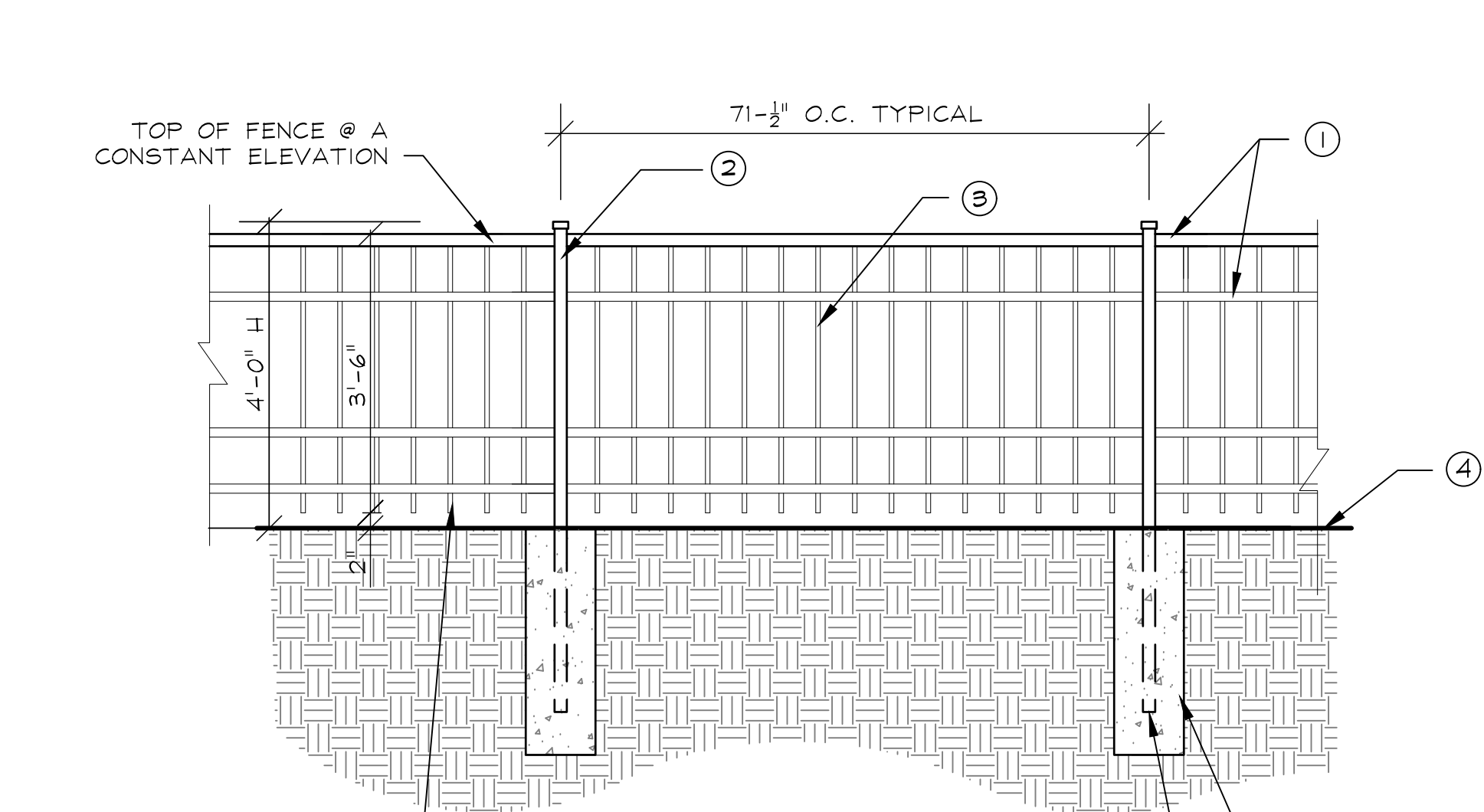
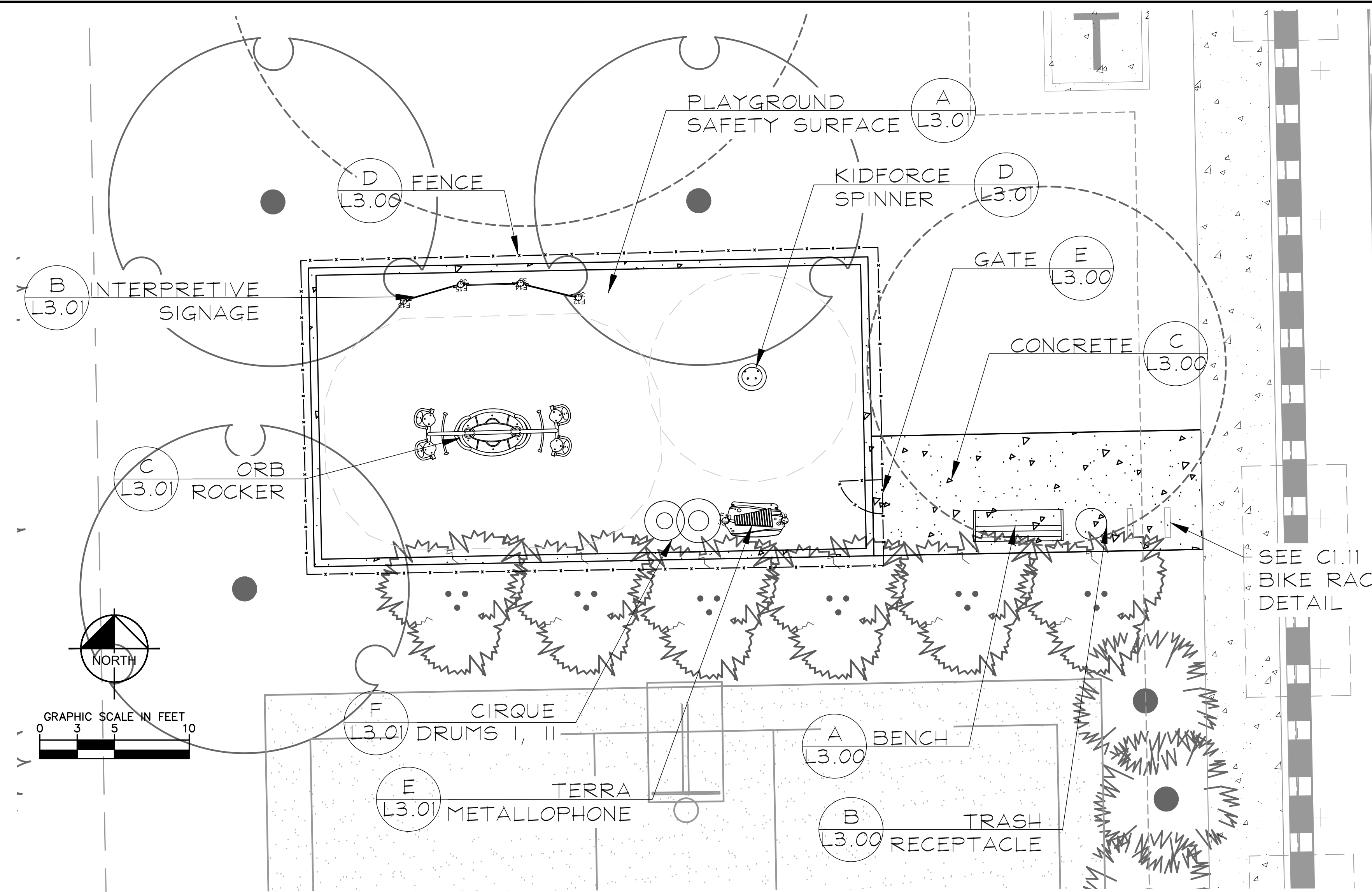
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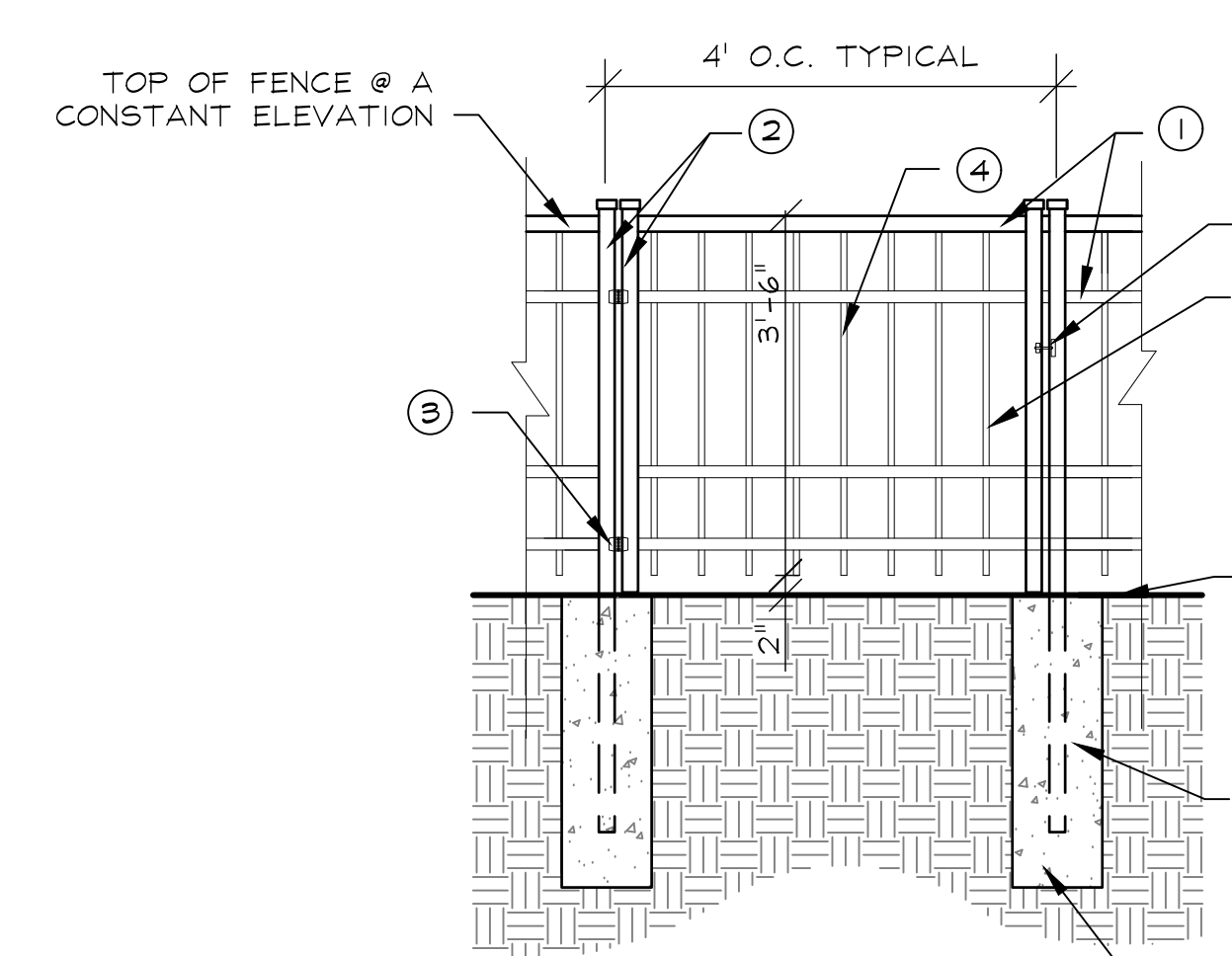
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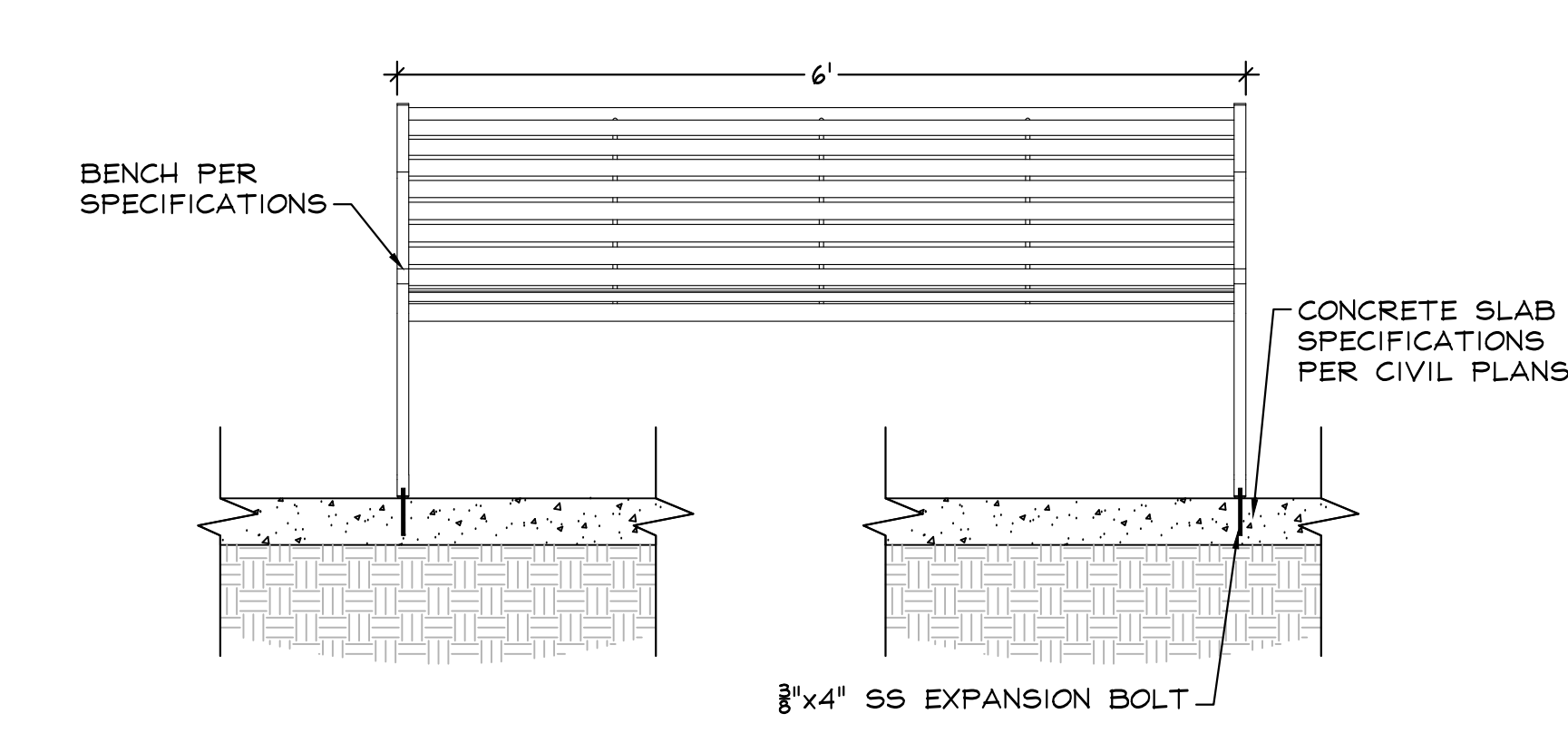
- CUSTOM WELDED FENCE PANELS, ALL STEEL SURFACES PAINTED SEMI-GLOSS BLACK. CONTRACTOR TO PERMIT AND ENGINEER FENCE AND CONNECTION TO CONCRETE COLUMNS.
- 1 1 1/2" SQUARE RAIL
 - 2 2 1/2" INTERMEDIATE FENCE POST W CAP
 - 3 1" PICKET (TYP.) COLOR: BLACK FINISH: POWDER COAT SEMI-GLOSS
 - 4 FINISH GRADE
- FENCE POST FOUNDATION TO BE DESIGNED AND PERMITTED BY CONTRACTOR
- STRUCTURAL DESIGN OF EMBED DEPTH AND FOUNDATION TO BE DESIGNED, PERMITTED, AND FURNISHED BY CONTRACTOR

D ALUMINUM FENCE



- 1 1 1/2" SQUARE RAIL
 - 2 2 1/2" INTERMEDIATE FENCE POST W CAP
 - 3 HEAVY DUTY HINGES
 - 4 1" PICKET (TYP.) COLOR: BLACK FINISH: POWDER COAT SEMI-GLOSS
 - 5 HEAVY DUTY GRAVITY LATCH WITH LOCKING MECHANISM
 - 6 FINISH GRADE
- CUSTOM WELDED STEEL GATE AND FENCE PANELS ALL STEEL SURFACES PAINTED SEMI-GLOSS BLACK. CONTRACTOR TO PERMIT AND ENGINEER FENCE, AND GATES.
- STRUCTURAL DESIGN OF EMBED DEPTH AND FOUNDATION TO BE DESIGNED, PERMITTED, AND FURNISHED BY CONTRACTOR

E ALUMINUM SINGLE GATE

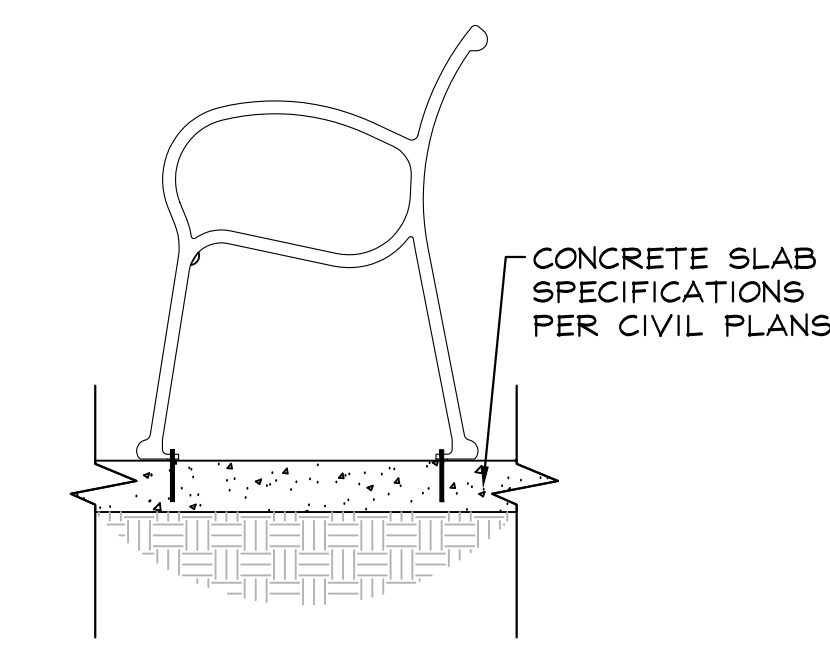


SCARBOROUGH BENCH - 72" BACKED - STRAP FINISH: BLACK MANUFACTURER: LANDSCAPE FORMS URL: (WWW.LANDSCAPEFORMS.COM)

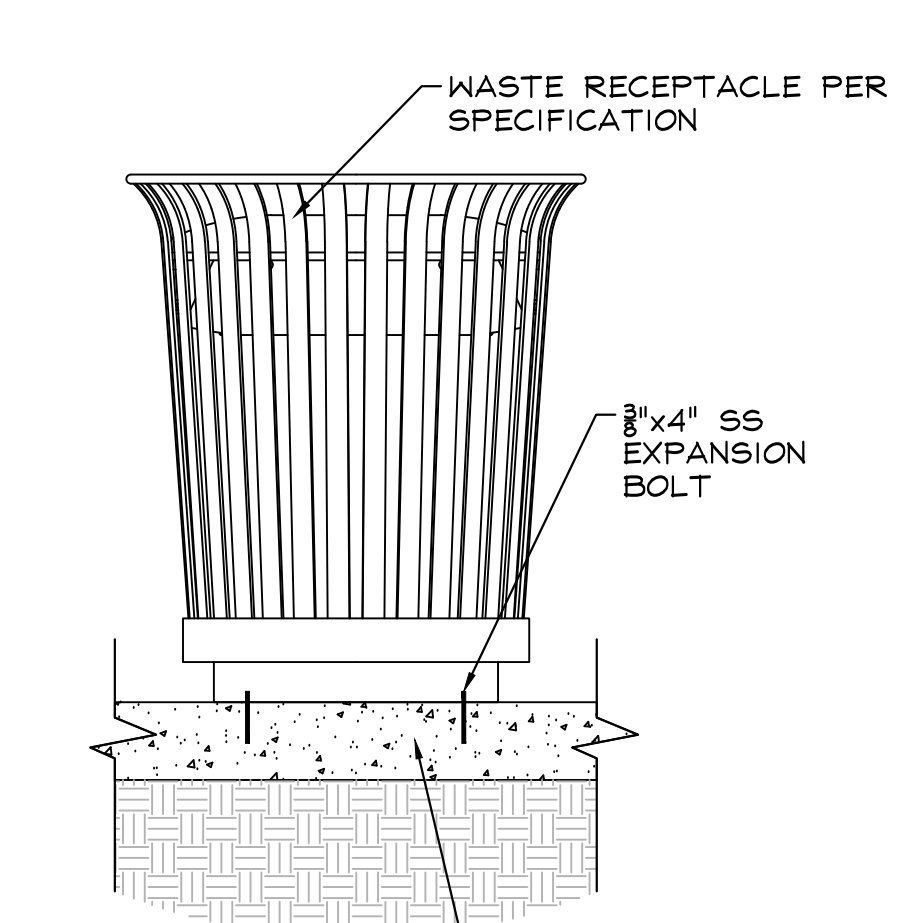
ESTIMATED QUANTITY: 1

INSTALLATION: SURFACE MOUNT PER MANUFACTURER'S SPECIFICATION

NOTES:
1. CONTRACTOR TO PROVIDE AND INSTALL BENCHES



A BENCH



DUMOR-84-32 FINISH: BLACK MANUFACTURER: DUMOR URL: (WWW.DUMOR.COM)

ESTIMATED QUANTITY: 1

INSTALLATION: SURFACE MOUNT PER MANUFACTURER'S SPECIFICATION

NOTES:
1. CONTRACTOR TO PROVIDE AND INSTALL WASTE RECEPTACLE.

B WASTE RECEPTACLE

REFER TO CIVIL SHEETS FOR CONCRETE SECTION DETAILS FOR PEDESTRIAN USE

C CONCRETE

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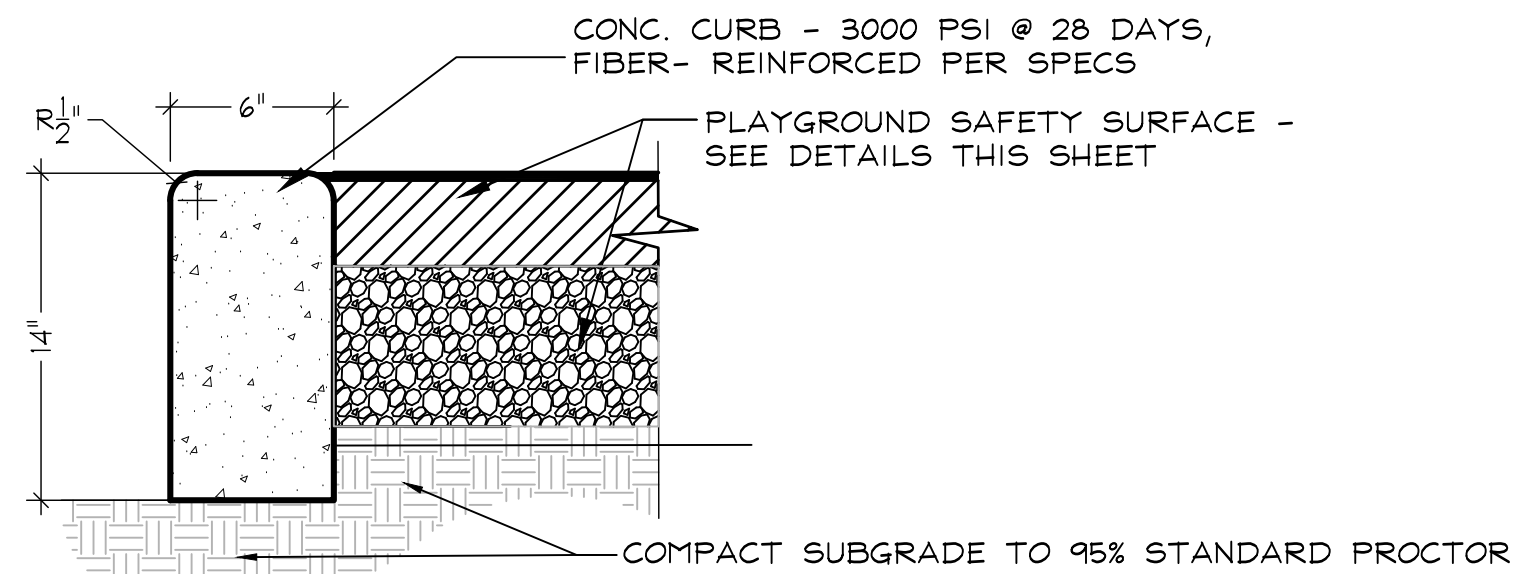
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LICENSED PROFESSIONAL
TRICIA C. RICHTER, PLA
FLORIDA LICENSE NUMBER
LA#6667244
DATE: 07/26/2023
CHECKED BY: JAW

KHA PROJECT
140726000
DATE
JULY 2023
SCALE AS SHOWN
DESIGNED BY YXY
DRAWN BY YXY
DATE: 07/26/2023

DELRAY TOWNHOMES
PREPARED FOR
OCEAN RIDGE RENTALS
FLORIDA
SHEET NUMBER
L3.00



NOTES:

- NOTES:
1. EXPANSION JOINTS @ 30', CONTROL JOINTS @ 10' O.C. MAX.
 2. INSTALL TOP OF CONCRETE FLUSH WITH TOP OF SAFETY SURFACE

CAST IN PLACE CONCRETE HEADER

PLAYGROUND SURFACING BY
SAFETY 1ST PLAYGROUNDS OR
APPROVED EQUAL.
CONTACT: 516-713-5980

PRODUCT: SAFETY 1ST SURFACING
COLOR: TO BE SELECTED BY
OWNER

SUBMIT 6"X6" SAMPLES FOR
APPROVAL PRIOR TO
CONSTRUCTION.

SAFETY SURFACING MATERIAL MUST BE DESIGNED TO HAVE A CRITICAL HEIGHT VALUE OF AT LEAST THE HEIGHT OF THE HIGHEST ACCESSIBLE PART/FALL HEIGHT OF THE ADJACENT EQUIPMENT. (REF. CONSUMER PRODUCT SAFETY COMMISSION (CPSC) GUIDELINES, SECTION 10: SURFACING.)



INTERACTIVE PANELS:

1. MODEL: VARIES
COLOR/FINISH: VARIES; TO BE
SELECTED BY OWNER
2. MANUFACTURER:
BURKE www.bciburke.com
920-921-9220
3. INSTALL PER
MANUFACTURER'S SPEC.
4. ESTIMATED QUANTITY: 3

(A) PLAYGROUND SAFETY SURFACE - POURED IN PLACE



ORB ROCKER:

PRODUCT ID: 560-2676
COLOR: TO BE SELECTED BY OWNER
MANUFACTURER: BURKE www.bciburke.com 920-921-9220
INSTALL PER MANUFACTURER'S SPECIFICATIONS
ESTIMATED QUANTITY: 1

ORB ROCKER



KIDFORCE SPINNER:

PRODUCT ID: 560-2573
COLOR: TO BE SELECTED BY OWNER
MANUFACTURER: BURKE www.bciburke.com 920-921-9220
INSTALL PER MANUFACTURER'S SPECIFICATIONS
ESTIMATED QUANTITY: 1

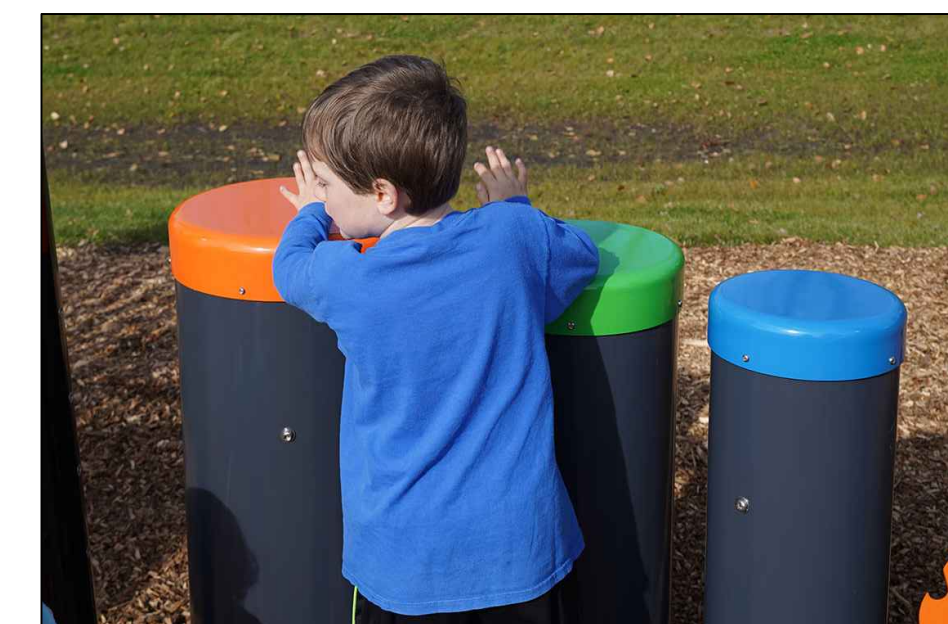
D KIDFORCE SPINNER



PLAYENSEMBLE TERRA METALLOPHONE:

PERSEUS TERRAZZO METALLIC FLOOR
PRODUCT ID: 570-0412
COLOR: TO BE SELECTED BY OWNER
MANUFACTURER: BURKE www.bciburke.com 920-921-9220
INSTALL PER MANUFACTURER'S SPECIFICATIONS
ESTIMATED QUANTITY: 1

PLAYENSEMBLE TERRA
METALLOPHONE



PLAYENSEMBLE CIRQUE DRUMS:
PRODUCT ID: CIRQUE DRUM I: 560-0059
CIRQUE DRUM II: 560-0058
COLOR: TO BE SELECTED BY OWNER
MANUFACTURER: BURKE www.bcburke.com 920-921-9220
INSTALL PER MANUFACTURER'S SPECIFICATIONS
ESTIMATED QUANTITY: 1 EACH

PLAYENSEMBLE
CIRQUE DRUMS | \$ 11

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HARDSCAPE DETAILS

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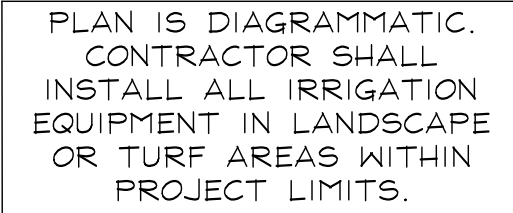
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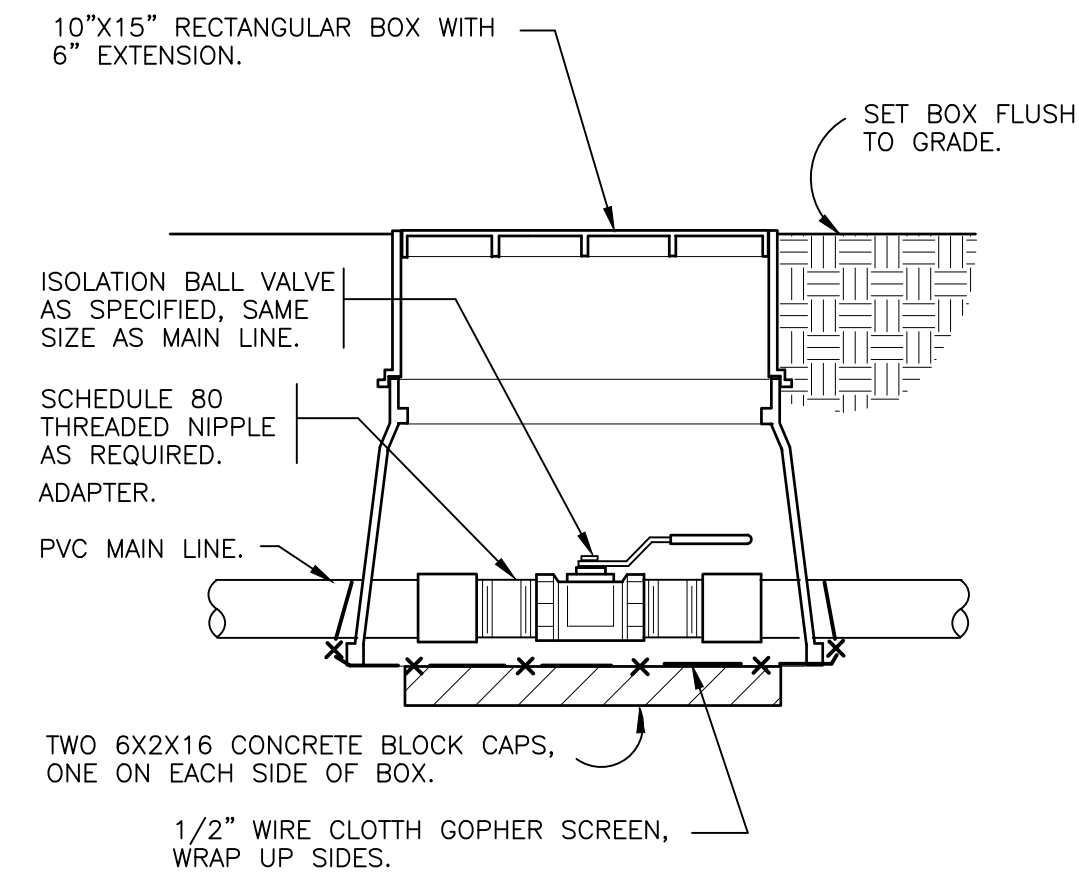
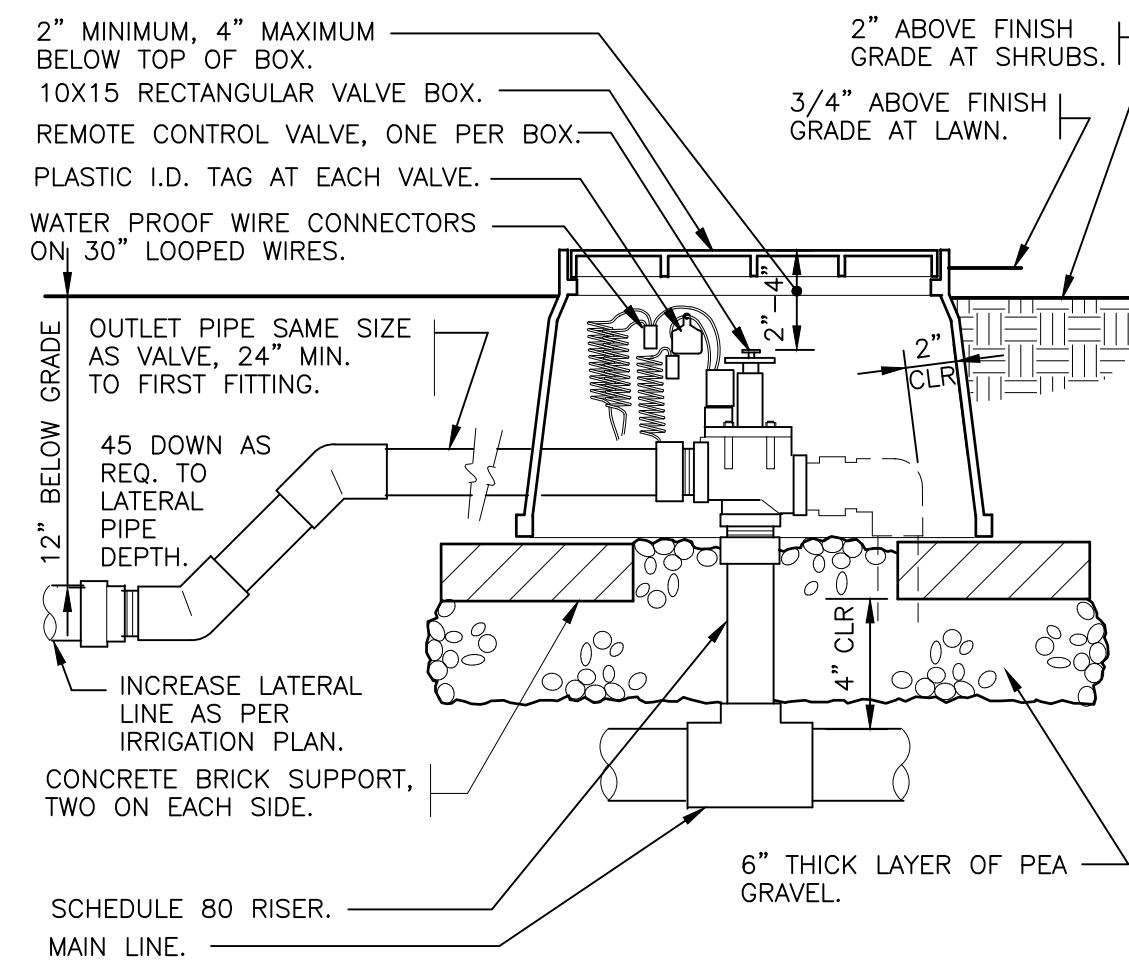
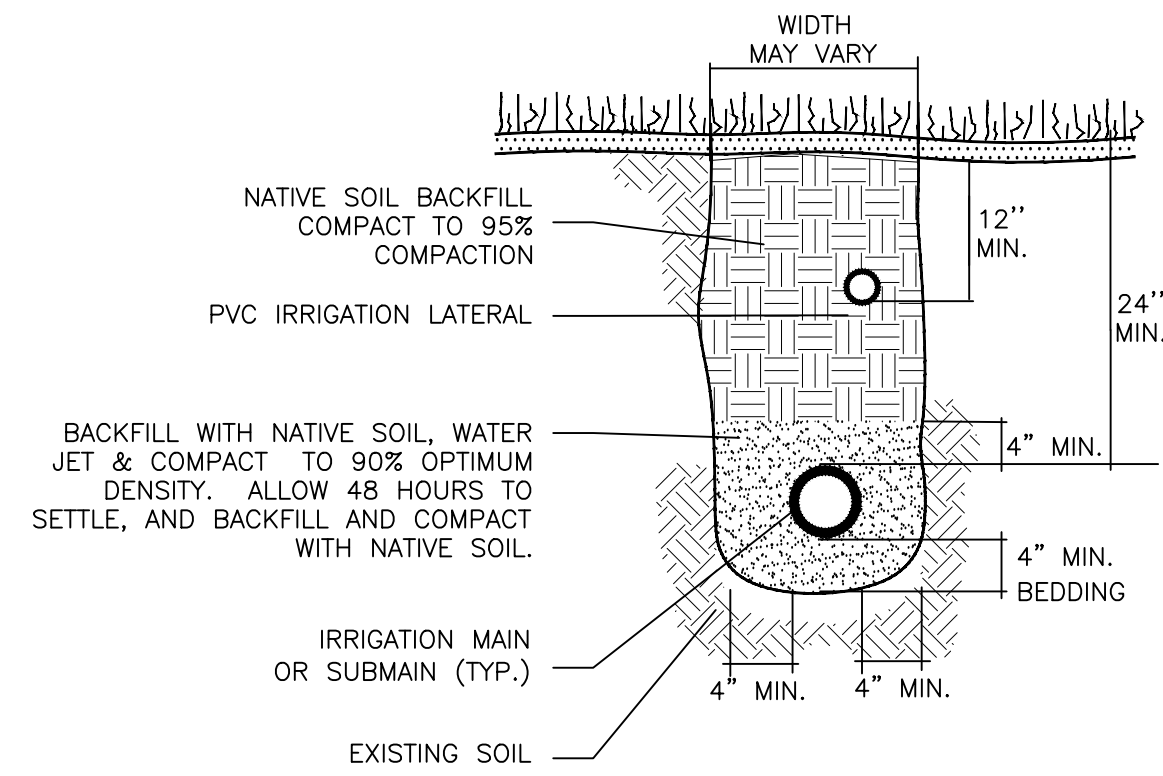
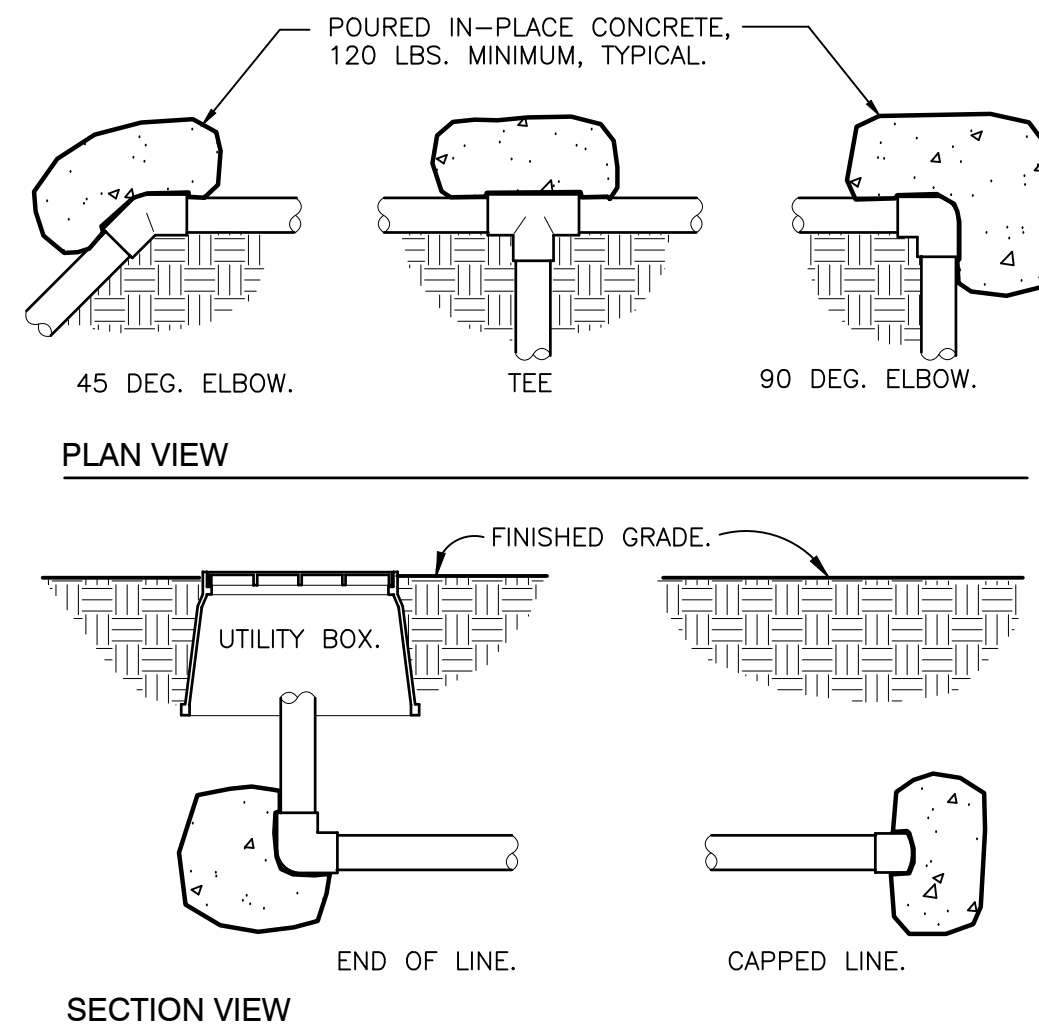
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KHA PROJECT 140726000	LICENSED PROFESSIONAL
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JULY 2023	FLORIDA LICENSE NUMBER LA#6667244
SCALE AS SHOWN	DATE: 07/26/2023
DESIGNED BY YXY	
DRAWN BY YXY	
CHECKED BY JAW	

NO.	REVISIONS	DATE	BY
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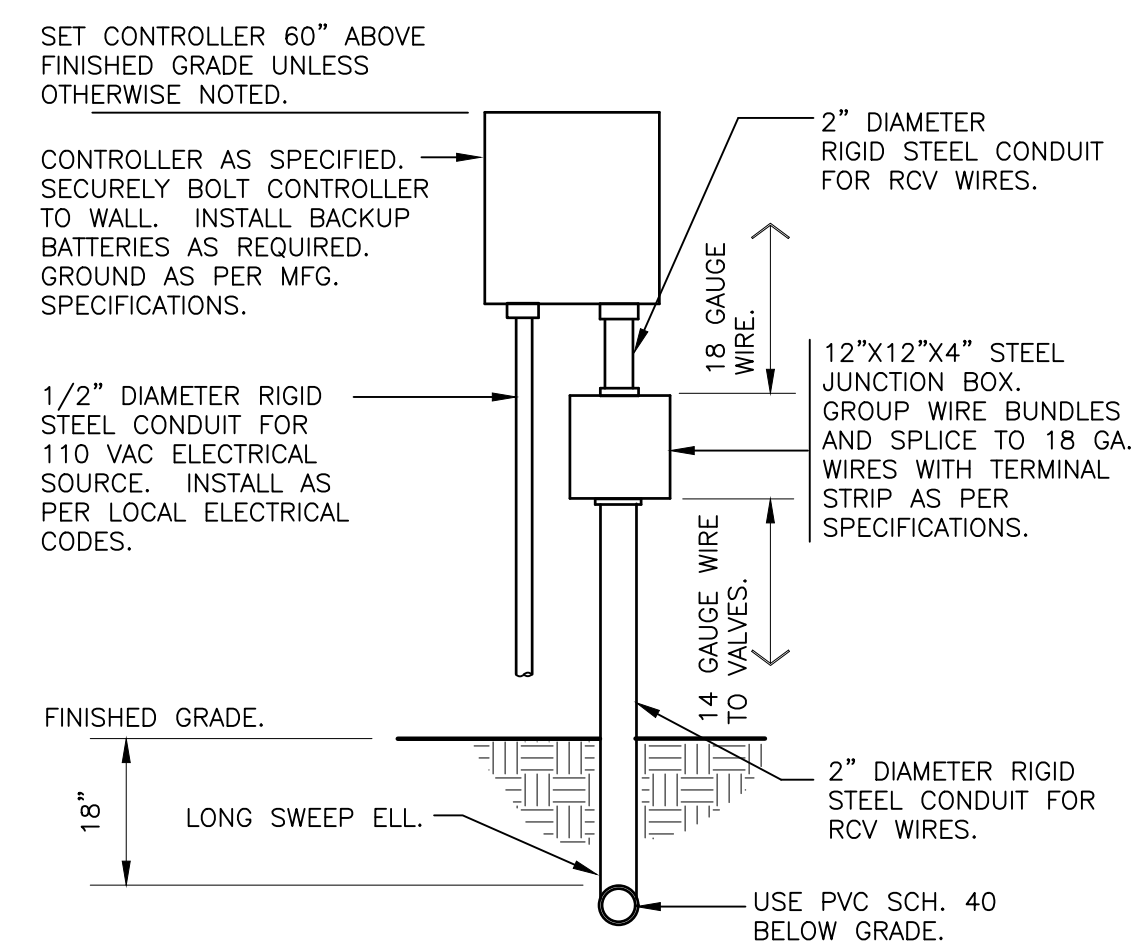
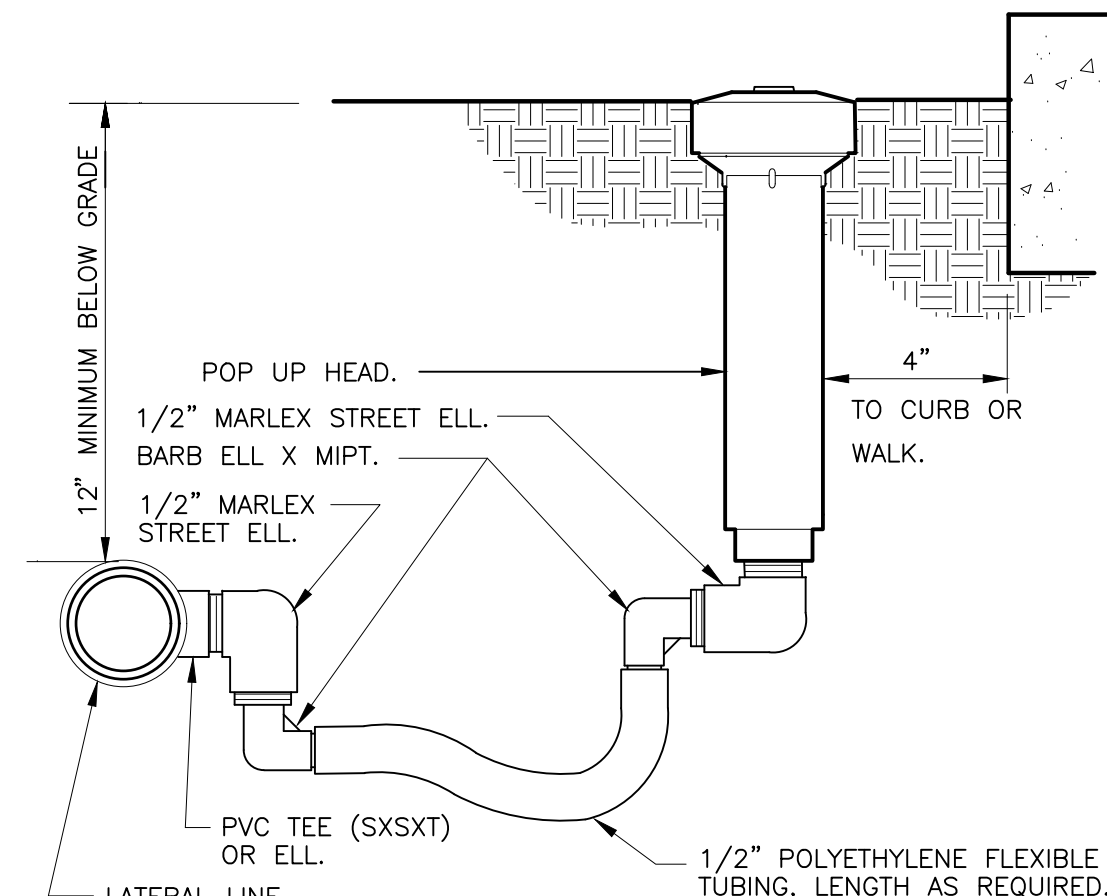
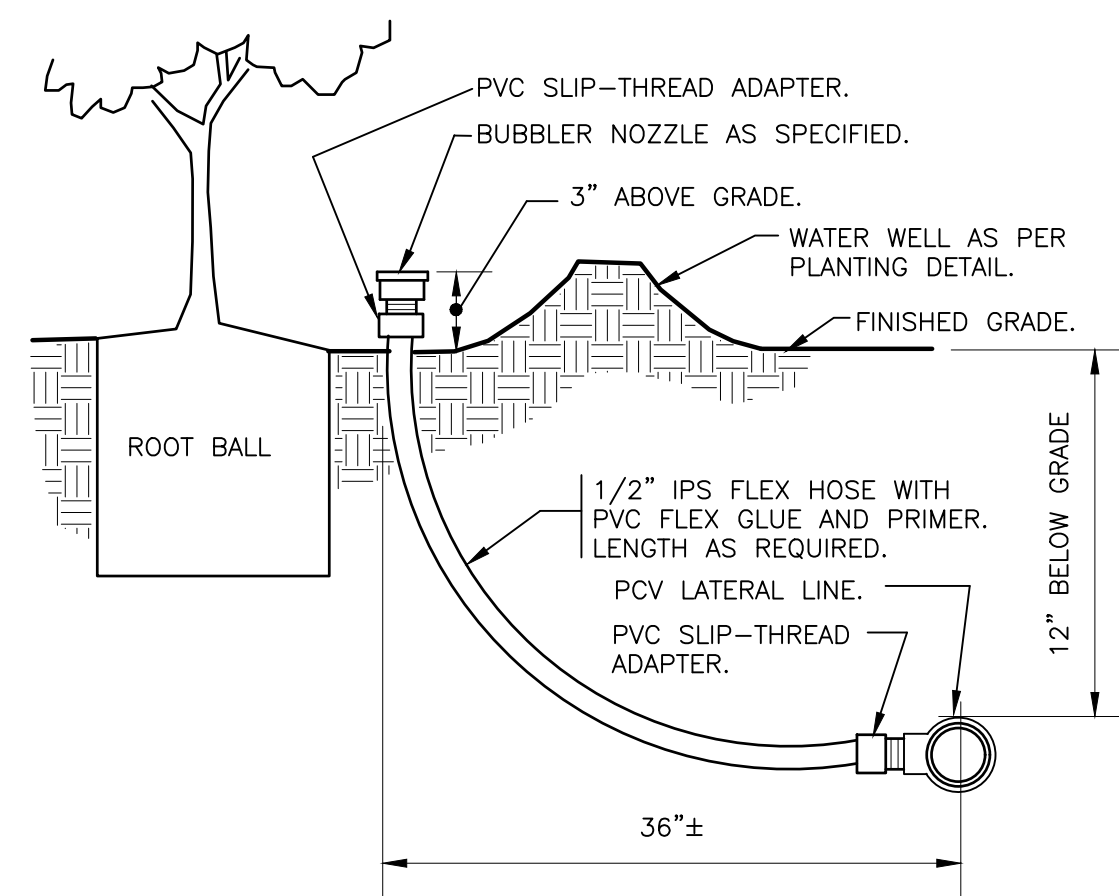
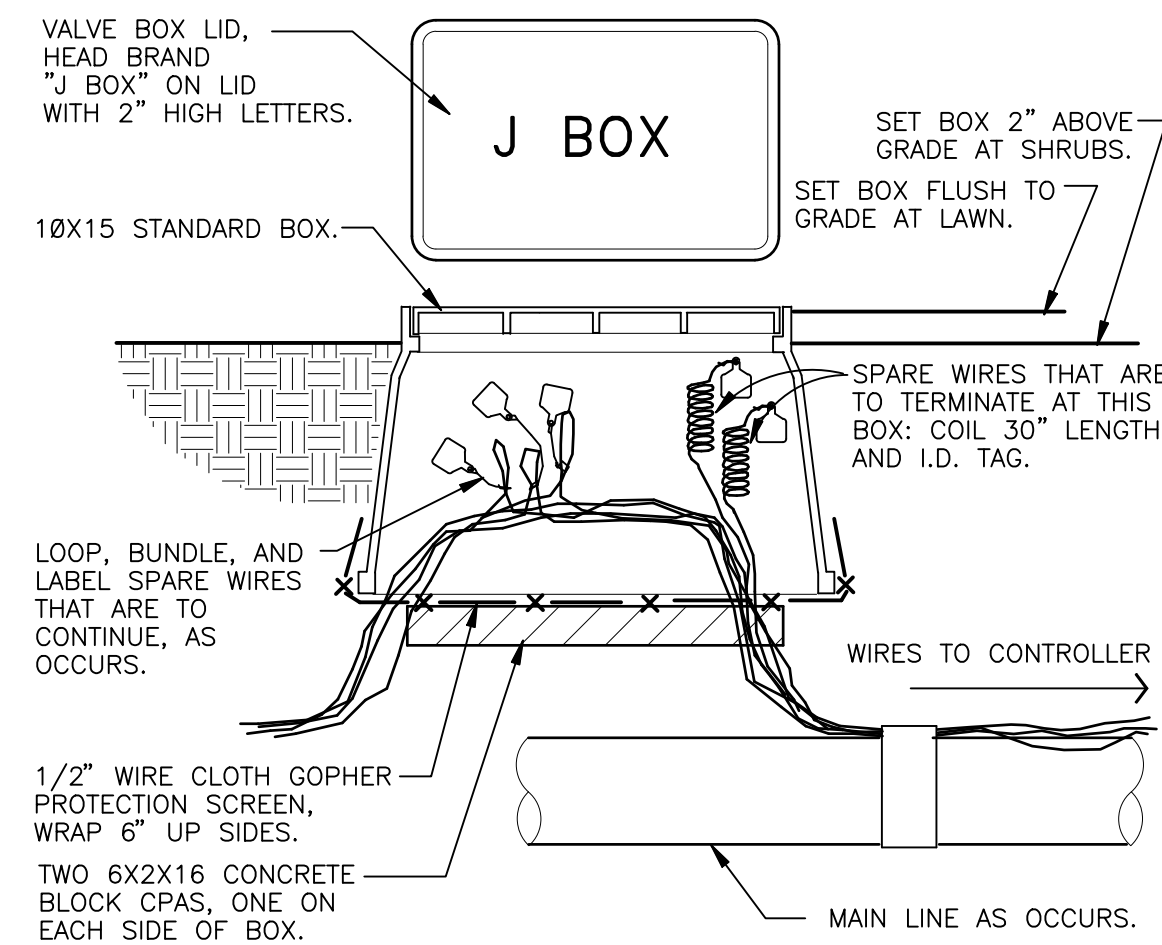


1 THRUST BLOCKING
 $3/4" = 1'-0"$ 32 8409.76-01

2 TRENCHING DETAIL
NOT TO SCALE 32 8409.76-03

3 ELECTRIC REMOTE CONTROL VALVE
 1 1/2" = 1'-0" 32 8406.13-01

4 BRASS BALL ISOLATION VALVE
1 1/2" = 1'-0" 32 8406.33-02

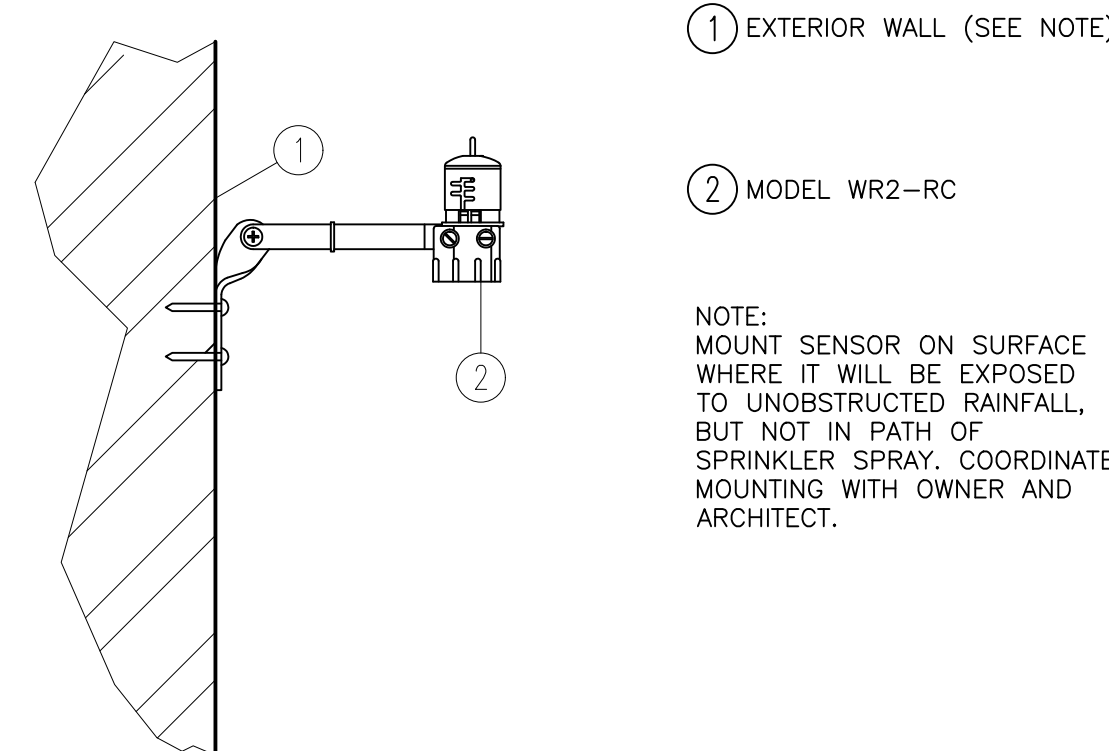


5 WIRE BUNDLE JUNCTION BOX
1 1/2" = 1'-0" 32 8409.79-01

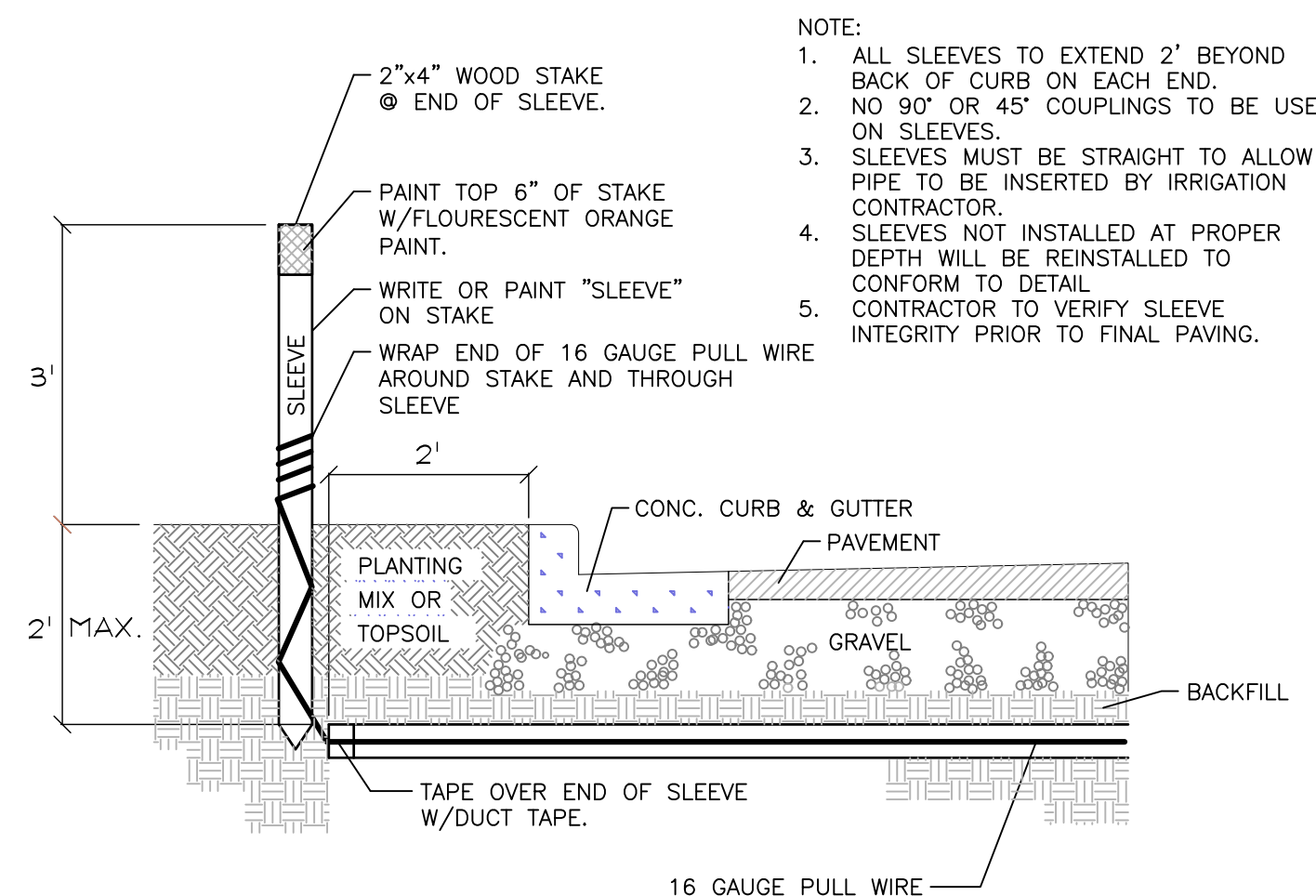
6 BUBBLER ON FLEX HOSE RISER
3" = 1'-0" DETAIL-FILE

7 POP-UP SPRAY FLEX ASSEMBLY

8 WALL MOUNT CONTROLLER
1" = 1'-0" 328409.13-02



9 RAIN SENSOR
3" = 1'-0"



10 IRRIGATION SLEEVING

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SHEET NUMBER
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