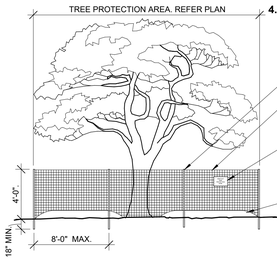
NOTE:
1. SEE SECTION 01 56 39 - TEMPORARY TREE AND PLANT PROTECTION FOR FENCING AND PRUNING REQUIREMENTS.
2. LIMB AND PRUNING OF TREES SHALL BE PERMITTED ONLY AT THE DIRECTION OF THE APPROVED AND CERTIFIED ARBORIST.
3. NO EQUIPMENT SHALL BE PERMITTED INSIDE THE PROTECTIVE FENCING INCLUDING DURING FENCE INSTALLATION AND REMOVAL.
4. FENCE TO REMAIN IN PLACE THROUGH ENTIRETY OF CONSTRUCTION.




METAL FENCE POST

TREE PROTECTION FENCE: HIGH DENSITY POLYETHYLENE FENCING SECURED WITH 3-TIES MINIMUM PER POST.

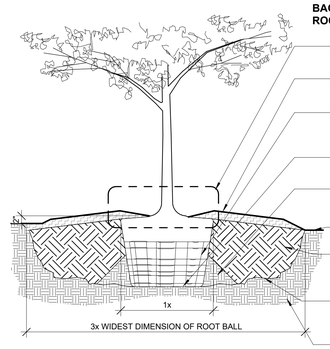
PROTECTION ZONE SIGNAGE PANEL SIZE: 12x18", ALL CAP LETTERING PAINTED RED ON WHITE BACKGROUND.

4" THICK LAYER OF MULCH

MAINTAIN EXISTING GRADE AT THE TREE PROTECTION FENCE

1 TREE PROTECTION ZONE
SCALE:N.T.S.

NOTE:
1. POSITION CROWN OF ROOT BALL 2" ABOVE FINISHED GRADE AND ON-CENTER OF EXCAVATED HOLE.
2. PRIOR TO MULCHING, LIGHTLY TAMP SOIL AROUND THE ROOT BALL IN 6" LIFTS TO BRACE TREE. DO NOT OVER COMPACT. WHEN THE PLANTING HOLE HAS BEEN BACKFILLED, POUR WATER AROUND THE ROOT BALL TO SETTLE THE SOIL.




ROOT BALL MODIFIED - SEE "TREE ROOT FLARE CORRECTION" DETAIL

3" MULCH LAYER. KEEP CROWN OF TRUNK CLEAR OF MULCH BY 3"

REMOVE UPPER 1/3 OF WIRE BASKET AND BURLAP. REMOVE TRIMMED PIECES FROM SITE.

BOTTOM OF ROOT BALL TO REST ON EXISTING OR RECOMPACTED SOIL

COMPACT SOIL AT BASE OF ROOT BALL TO STABILIZE TREE

FINISHED/ORIGINAL GRADE

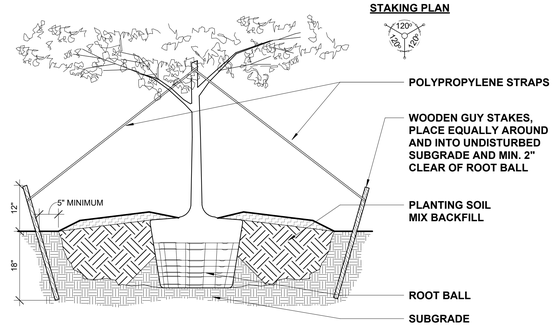
SPECIFIED BACKFILL SOIL MIX, UNLESS NOTED OTHERWISE ON SOILS PLAN. MAXIMUM 6" LIFTS.

EXCAVATED TREE PIT. ROUGHEN SIDE WALLS BEFORE BACKFILLING WITH SOIL MIX

EXISTING SOIL

2 TREE PLANTING DETAIL (OPEN AREAS - LAWNS/MEADOWS)
SCALE: 3/4" = 1'-0"

STAKING PLAN




POLYPROPYLENE STRAPS

WOODEN GUY STAKES, PLACE EQUALLY AROUND AND INTO UNDISTURBED SUBGRADE AND MIN. 2" CLEAR OF ROOT BALL

PLANTING SOIL MIX BACKFILL

ROOT BALL

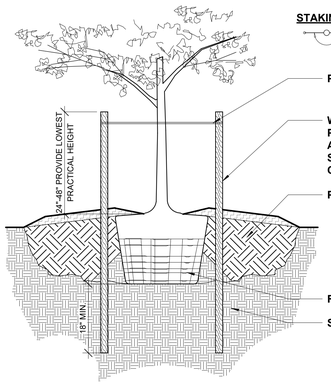
SUBGRADE

3 TREE STAKING DETAIL (3" CAL. OR LARGER)
SCALE: 3/4" = 1'-0"

STAKING PLAN




PREVAILING WINDS




POLYPROPYLENE STRAPS

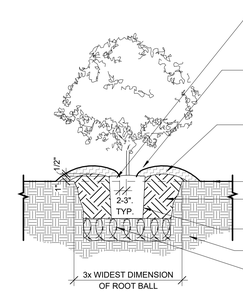
WOODEN GUY STAKES, PLACE EQUALLY AROUND AND INTO UNDISTURBED SUBGRADE AND MIN. 2" CLEAR OF ROOT BALL

PLANTING SOIL MIX BACKFILL

ROOT BALL

SUBGRADE

4 TREE STAKING DETAIL (3" CAL. OR SMALLER)
SCALE: 3/4" = 1'-0"




SET ROOT BALL 1-2" ABOVE FINISH GRADE PROVIDING POSITIVE DRAINAGE AWAY FROM CENTER OF PLANT

MULCH RING - SEE SPECIFICATION FOR RING SIZE AND THICKNESS. MAINTAIN MULCH 2-3" OFF TRUNK BASE OF PLANT

MOUND SOIL MIX APPROX. 1" HIGH TO TEMPORARILY CONTAIN WATER OVER ROOT BALL. MOUND TO SETTLE INTO PLANTING PIT OVER TIME

FINISH GRADE

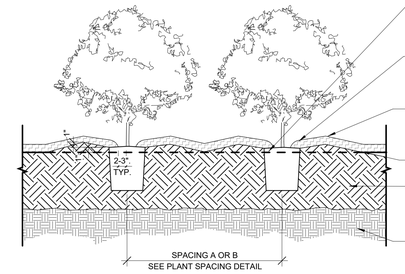
BACKFILL USING SPECIFIED SOIL MIX. DO NOT OVER COMPACT (MAX. 85%)

LOOSEN SIDES OF ROOT BALL

EXISTING SOIL

PLANTING AREA TRANSITION LAYER. MIX SOIL AND COMPACT LIGHTLY SLOPING GRADE OUTWARD/AWAY FROM ROOT BALL

5 SHRUB PLANTING DETAIL (INDIVIDUAL PLANTING)
SCALE: 1" = 1'-0"




SET ROOT BALL 1-2" ABOVE FINISH GRADE PROVIDING POSITIVE DRAINAGE AWAY FROM CENTER OF PLANT

MULCH - SEE SPECIFICATION FOR THICKNESS. MAINTAIN MULCH 2-3" OFF TRUNK BASE OF PLANT

MOUND SOIL MIX APPROX. 1" HIGH TO TEMPORARILY CONTAIN WATER OVER ROOT BALL. MOUND TO SETTLE INTO PLANTING PIT OVER TIME

FINISH GRADE - SLOPE EDGE OF PLANTING BED

REFER TO PLANTING SOIL MIX INSTALLATION DETAIL AND SOIL PLANS FOR DEPTH OF SOIL, SOIL MIX TYPE AND TRANSITION LAYER INFORMATION

SUBGRADE

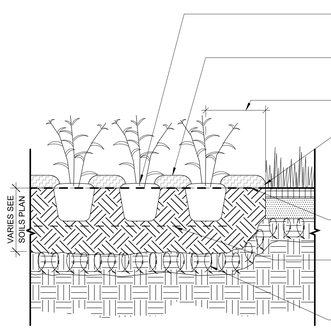
7 SHRUB PLANTING DETAIL (MASS PLANTING AND HEDGES)
SCALE: 1" = 1'-0"

PERENNIAL PLANT, SET ROOT BALL 1/2"-1" HIGHER THAN FINISH GRADE.

2" MINIMUM SPECIFIED MULCH, KEEP MULCH AWAY FROM STEMS

PLANTING SETBACK 'C' SEE PLANT SPACING DETAIL

BED EDGE. CONDITIONS VARY. REFER TO LAYOUT PLANS



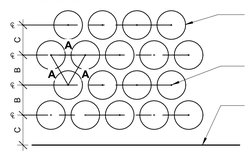

FINISH GRADE

PLANTING SOIL AT 6" MAXIMUM LIFTS. SEE PLANTING SOIL MIX INSTALLATION DETAIL

PLANTING SOIL. TRANSITION LAYER

8 PERENNIAL PLANTING
SCALE: 1" = 1'-0"

NOTE:
LAYOUT PLANTS ALONG PERIMETER OF PLANTING BED FIRST, PARALLEL TO AND UNIFORMLY OFFSET FROM EDGE OF BED. FILL OUT INTERIOR OF BED ON UNIFORM GRID AS SHOWN.




ADJACENT PLANTING TYPE

CENTER OF PLANT

EDGE OF PLANTING AREA

"C"=30" SETBACK FOR SHRUBS
18" SETBACK FOR PERENNIALS
12" SETBACK FOR GROUNDCOVER

| TRIANGULAR SPACING = A | DISTANCE BETWEEN ROW=B | TOTAL AREA (SF) PER PLANT |
|---|---|---|
| 6" | 5" | 0.21 |
| 8" | 7" | 0.39 |
| 9" | 8" | 0.50 |
| 10" | 8 1/2" | 0.59 |
| 12" (1') | 10 1/2" | 0.88 |
| 15" | 13" | 1.35 |
| 18" | 15 1/2" | 1.94 |
| 21" | 18" | 2.63 |
| 24" (2') | 21" | 3.50 |
| 30" | 26" | 5.42 |
| 36" (3') | 31" | 7.80 |
| 48" (4') | 42" | 13.84 |

9 PLANT SPACING, TYPICAL
SCALE: 1" = 1'-0"


PROJECT LEAD & CIVIL ENGINEERING:
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301 EAST ATLANTIC BLVD.
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Florida Surveyor and Mapper Business License: LB6860
Florida Landscape Architecture Business License: LC26000457

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MECHANICAL, PLUMBING, & ELECTRICAL ENGINEERING:
SGM ENGINEERING
5301 WATERFORD DISTRICT DR.
SUITE 750
954-421-1944
SGMENGINEERING.COM CA-00008208


REVISIONS

| NO. | DESCRIPTION | DATE |
|---|---|---|
| | 30% CONSTRUCTION DOCUMENTS | 05/31/2024 |
| | 50% CONSTRUCTION DOCUMENTS | 08/09/2024 |
| | 60% CONSTRUCTION DOCUMENTS | 10/11/2024 |

**PRELIMINARY PLAN NOT FOR CONSTRUCTION**

THESE PLANS ARE NOT FULLY PERMITTED AND ARE SUBJECT TO REVISIONS MADE DURING THE PERMITTING PROCESS.

RESPONSIBILITY FOR THE USE OF THESE PLANS PRIOR TO OBTAINING PERMITS FROM ALL AGENCIES HAVING JURISDICTION OVER THE PROJECT WILL FALL SOLELY UPON THE USER.

ISSUE DATE:
DESIGNED BY:
DRAWN BY:
CHECKED BY:

ENGINEER_NAME
FLORIDA REG. NO. LICENSE_N
(FOR THE FIRM)

CLIENT
VILLAGE OF PINECREST
PINECREST PARKS & RECREATION

PROJECT
GARY MATZNER PARK

SHEET TITLE
PLANTING DETAILS

SHEET NUMBER LP-501

KEITH PROJECT NUMBER 13861.00

STATUS:

Drawing name:S:\Projects\2023\23738-Pinecrest, FL Gary Matzner Park Design\BIM_CAD_GIS\BIM\CAD Links\XR-GMP-TTLBK_text.dwg