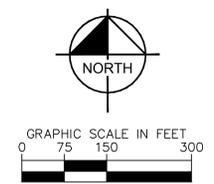
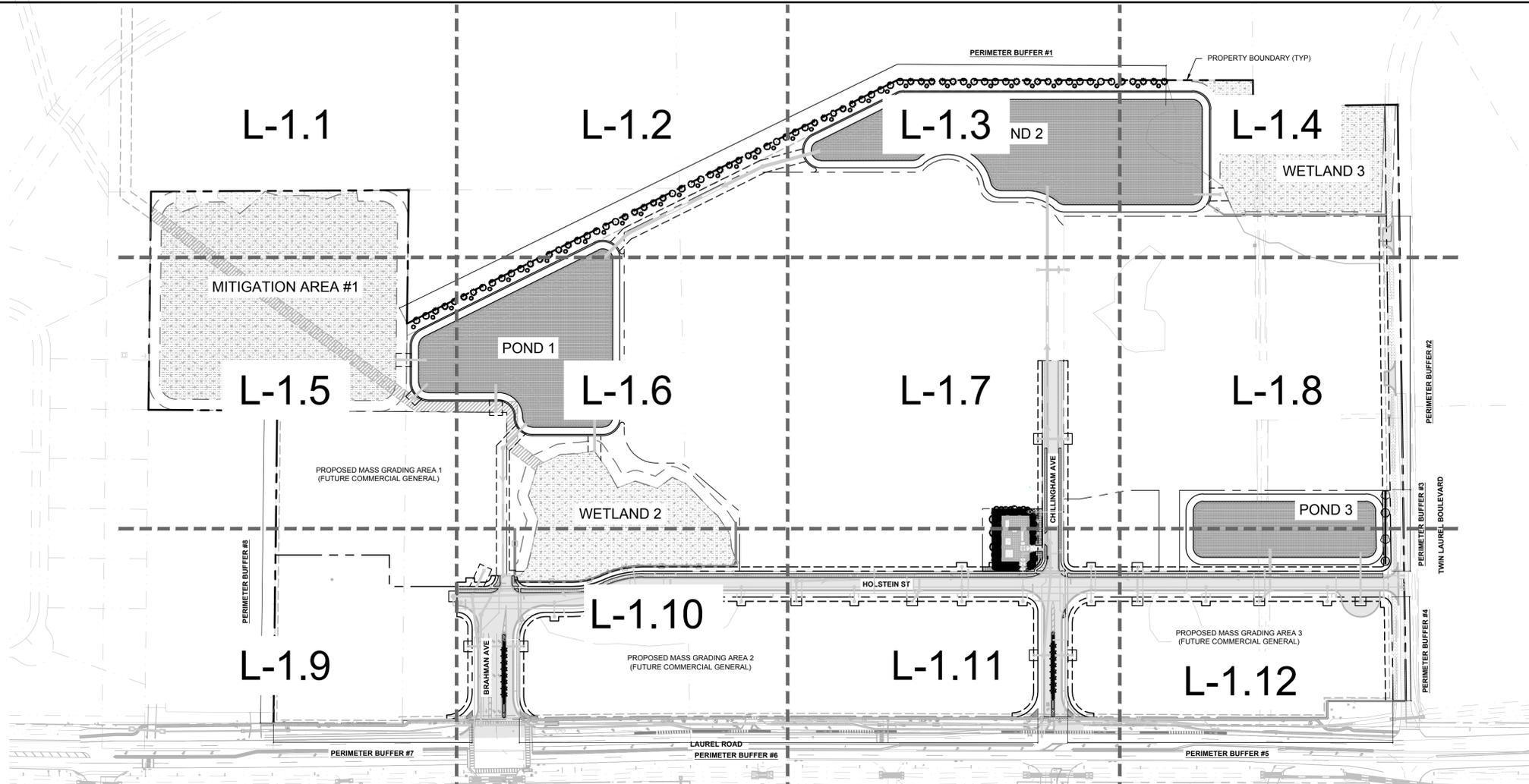


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MASTER INFRASTRUCTURE PLANT SCHEDULE

| SYMBOL | CODE | QTY | BOTANICAL NAME | COMMON NAME | CONT | CAL | SIZE | SPREAD | NATIVE |
|----------------------|------|-----------|------------------------------------|--------------------------------|-------|------------|------------|---------------|----------|
| TREES | | | | | | | | | |
| | CE | 10 | CONOCARPUS ERECTUS | BUTTONWOOD | FG | 3" CAL MIN | 12'-14" HT | 5' SPRD. MIN. | |
| | IC | 39 | ILEX CASSINE | DAHOON HOLLY | - | 3" CAL MIN | 12' HT MIN | | |
| | MB | 2 | MAGNOLIA GRANDIFLORA 'BBB' | BRACKEN'S SOUTHERN MAGNOLIA | FG | 3" CAL MIN | 10' HT MIN | 4' MIN | YES |
| | MC | 2 | MYRICA CERIFERA | WAX MYRTLE | FG | 2" CAL MIN | 8' HT MIN | | |
| | PO | 40 | PLATANUS OCCIDENTALIS | AMERICAN SYCAMORE | FG | 5" CAL MIN | 18'-20' HT | 4' MIN | YES |
| | QV | 2 | QUERCUS VIRGINIANA | SOUTHERN LIVE OAK | FG | 3" CAL MIN | 10' HT MIN | 4' MIN | YES |
| | SS | 13 | SABAL PALMETTO | CABBAGE PALMETTO | FG | 12" CT | 18" OA | | |
| | TD | 3 | TAXODIUM DISTICHUM | BALD CYPRESS | FG | 2" CAL MIN | 8' HT MIN | | |
| | TD3 | 37 | TAXODIUM DISTICHUM | BALD CYPRESS | FG | 5" CAL MIN | 18'-20' HT | | |
| PALMS | | | | | | | | | |
| | LD | 16 | LIVISTONA DECIPUENS | RIBBON PALM | FG | | | | |
| SYMBOL | CODE | QTY | BOTANICAL NAME | COMMON NAME | CONT | SIZE | SPACING | NATIVE | SPACING |
| SHRUBS | | | | | | | | | |
| | CN | 262 | CLUSIA ROSEA 'NANA' | DWARF PITCH APPLE | 7 GAL | 24" FULL | 36" O.C. | | 36" o.c. |
| | CR | 6 | CORDYLINE FRUTICOSA 'RED SISTER' | RED SISTER TI PLANT | 3 GAL | 14" HT MIN | 30" O.C. | NO | 30" o.c. |
| | DE | 90 | DURANTA ERECTA 'GOLD MOUND' | GOLD MOUND DEWDROPS | 3 GAL | 12" FULL | 24" O.C. | NO | 24" o.c. |
| | FG | 298 | FIGUS MICROCARPA 'GREEN ISLAND' | GREEN ISLAND INDIAN LAUREL FIG | 3 GAL | 12" FULL | 24" O.C. | YES | 24" o.c. |
| | PV | 410 | PANDANUS BAPTISTII 'VARIEGATED' | VARIEGATED PANDANUS | 7 GAL | 24" HT MIN | 30" O.C. | | 30" o.c. |
| | SD | 40 | STRELITZIA REGINAE 'DWARF' | DWARF BIRD OF PARADISE | 3 GAL | 14" FULL | 30" O.C. | NO | 30" o.c. |
| | VO | 225 | VIBURNUM ODORATISSIMUM | SWEET VIBURNUM | 7 GAL | 24" HT MIN | 36" O.C. | YES | 36" o.c. |
| | VO2 | 57 | VIBURNUM ODORATISSIMUM | SWEET VIBURNUM | 1 GAL | 6" HT MIN | 36" O.C. | YES | 36" o.c. |
| GROUND COVERS | | | | | | | | | |
| | AEG | 517 | ARACHIS GLABRATA 'ECOTURF' | PERENNIAL PEANUT | 1 GAL | 8" SPREAD | 10" O.C. | NO | 10" o.c. |
| | SA | 22,389 SF | STENOTAPHRUM SECUNDATUM 'FLORATAM' | FLORATAM ST. AUGUSTINE GRASS | SOD | | | YES | |

| LANDSCAPE CALCULATIONS | | |
|--|--|--|
| PER CITY OF VENICE LAND DEVELOPMENT CODE | | |
| | REQUIRED | PROVIDED |
| PLANTING MATERIAL | TREES LARGE-MEDIUM TREE: 2.5" CALIPER MINIMUM, 10' HT MIN, 4' SPREAD MIN. SMALL TREES: 1.5" CALIPER MINIMUM, 8' HT MIN. | REFER TO PLANTING SCHEDULE |
| SECTION 89-3.4.5.B | NO SPECIES SHALL CONSTITUTE MORE THAN 50% OF TOTAL PLANTINGS | |
| LANDSCAPE BUFFERS | SECTION 87-4.3 | |
| | BUFFER #1: PERIMETER BUFFER (PER PENDING VARIATION APPROVAL) - 1,918 LF 25' WIDTH, 4 CANOPY TREE PER 100 LF (5" CAL, 18-20' HT) 2 UNDERSTORY TREES PER 100 LF (3" CAL, 12' HT MIN.) 1,918 / 100 = 19.18 (4) = 77 CANOPY TREES 1,918 / 100 = 19.18 (2) = 39 UNDERSTORY TREES | BUFFER #1: PERIMETER BUFFER (PER PENDING VARIATION APPROVAL) - 1,918 LF 25' WIDTH, 77 CANOPY TREES AND 39 UNDERSTORY TREES |
| | BUFFER #2: PERIMETER BUFFER - 823 LF 7.5' WIDE BUFFER, 2 CANOPY TREE PER 100 LF, 30 SHRUBS PER 100 LF 823 / 100 = 8.23 (2) = 17 CANOPY TREES, 823 / 100 = 8.23 (30) = 247 SHRUBS | BUFFER #2: PERIMETER BUFFER - 823 LF TO BE PROVIDED AT TIME OF PARCEL DEVELOPMENT |
| | BUFFER #3: PERIMETER BUFFER - 189 LF 7.5' WIDE BUFFER, 2 CANOPY TREE PER 100 LF, 30 SHRUBS PER 100 LF 189 / 100 = 1.89 (2) = 4 CANOPY TREES, 189 / 100 = 1.89 (30) = 57 SHRUBS | BUFFER #3: PERIMETER BUFFER - 189 LF 7.5' WIDE BUFFER, 4 CANOPY TREES, 57 SHRUBS |
| | BUFFER #4: PERIMETER BUFFER - 241 LF 7.5' WIDE BUFFER, 2 CANOPY TREE PER 100 LF, 30 SHRUBS PER 100 LF 241 / 100 = 2.41 (2) = 5 CANOPY TREES, 241 / 100 = 2.41 (30) = 73 SHRUBS | BUFFER #4: PERIMETER BUFFER - 241 LF TO BE PROVIDED AT TIME OF PARCEL DEVELOPMENT |
| | BUFFER #5: PERIMETER BUFFER - 758 LF 7.5' WIDE BUFFER, 2 CANOPY TREE PER 100 LF, 30 SHRUBS PER 100 LF 758 / 100 = 7.58 (2) = 16 CANOPY TREES, 758 / 100 = 7.58 (30) = 228 SHRUBS | BUFFER #5: PERIMETER BUFFER - 758 LF TO BE PROVIDED AT TIME OF PARCEL DEVELOPMENT |
| | BUFFER #6: PERIMETER BUFFER - 1208 LF 7.5' WIDE BUFFER, 2 CANOPY TREE PER 100 LF, 30 SHRUBS PER 100 LF 1208 / 100 = 12.08 (2) = 25 CANOPY TREES, 1208 / 100 = 12.08 (30) = 363 SHRUBS | BUFFER #6: PERIMETER BUFFER - 1208 LF TO BE PROVIDED AT TIME OF PARCEL DEVELOPMENT |
| | BUFFER #7: PERIMETER BUFFER - 463 LF 7.5' WIDE BUFFER, 2 CANOPY TREE PER 100 LF, 30 SHRUBS PER 100 LF 463 / 100 = 4.63 (2) = 10 CANOPY TREES, 463 / 100 = 4.63 (30) = 139 SHRUBS | BUFFER #7: PERIMETER BUFFER - 463 LF TO BE PROVIDED AT TIME OF PARCEL DEVELOPMENT |
| | BUFFER #8: PERIMETER BUFFER - 725 LF 7.5' WIDE BUFFER, 2 CANOPY TREE PER 100 LF, 30 SHRUBS PER 100 LF 725 / 100 = 7.25 (2) = 15 CANOPY TREES, 725 / 100 = 7.25 (30) = 216 SHRUBS | BUFFER #8: PERIMETER BUFFER - 725 LF TO BE PROVIDED AT TIME OF PARCEL DEVELOPMENT |

- NOTES:
- SEE SHEET L-1.50 FOR LANDSCAPE SPECIFICATIONS
 - SEE SHEET L-1.51 FOR LANDSCAPE DETAILS
 - SOD ALL AREAS OF DISTURBANCE WITH BAHIA (PASPALUM NOTATUM), AND HAND WATER TURF THROUGH ESTABLISHMENT IN ACCORDANCE WITH LANDSCAPE SPECIFICATIONS, UNLESS OTHERWISE DEPICTED ON PLANS. SEE PLANS FOR AREAS TO RECEIVE ST. AUGUSTINE SOD.
 - PERMANENT UNDERGROUND IRRIGATION SYSTEM WILL BE INSTALLED TO PROVIDE 100% UNIFORM COVERAGE FOR ALL CODE REQUIRED LANDSCAPE.

| NO. | REVISIONS | DATE | BY |
|-----|-----------|------|----|
| | | | |

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| LICENSED PROFESSIONAL | EDWARD M. DEAN, P.L.A. |
| DATE | JULY 2024 |
| SCALE | AS SHOWN |
| DESIGNED BY | KHA |
| DRAWN BY | JMH |
| CHECKED BY | MDJ |
| DATE | |

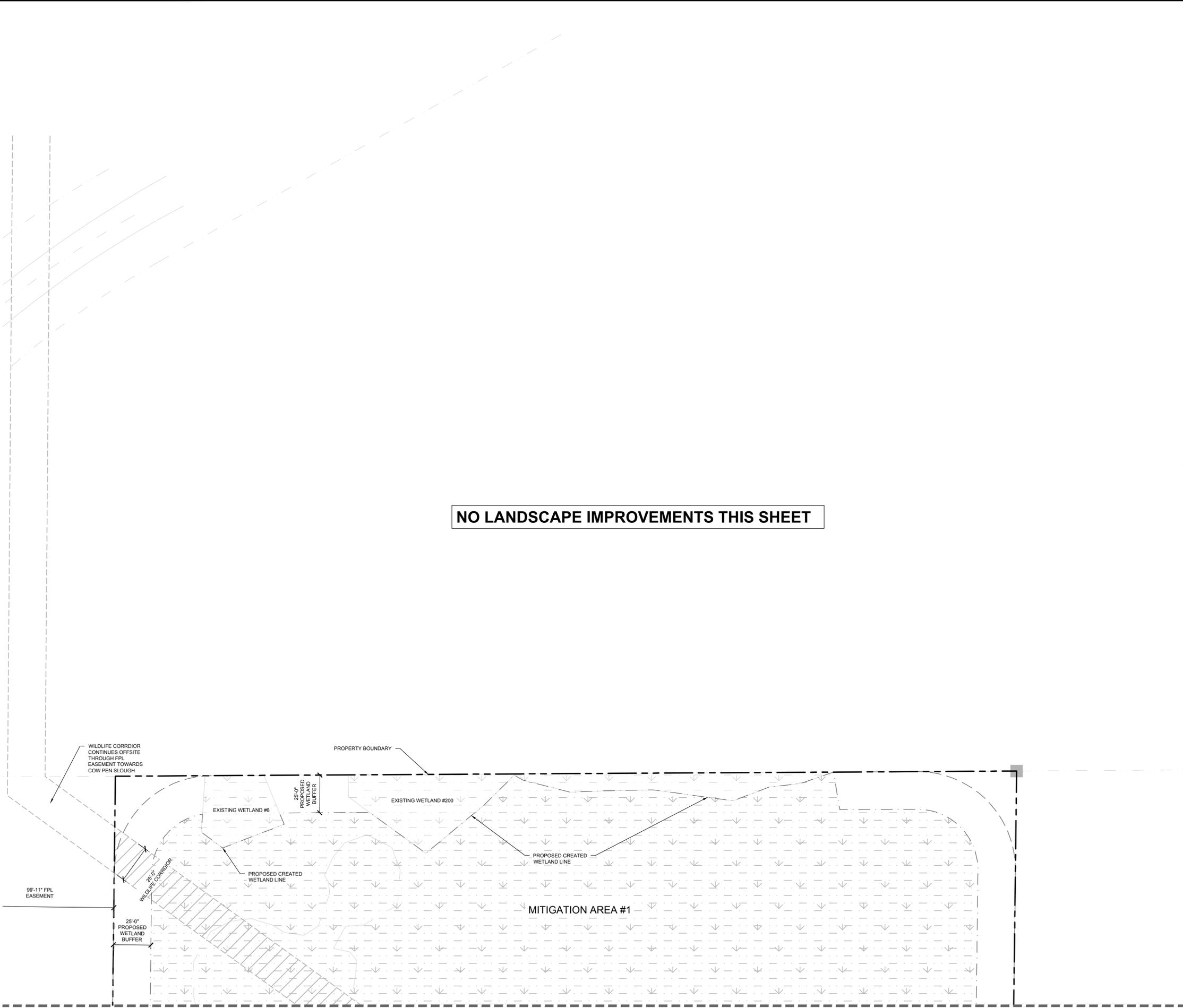
OVERALL MASTER INFRASTRUCTURE LANDSCAPE PLAN

VENICE CROSSING - PHASE 0
 PREPARED FOR
 2001 LAUREL LLC
 CITY OF VENICE, FLORIDA

SHEET NUMBER
L-1.0

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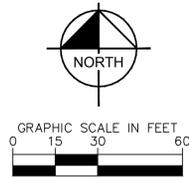
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NO LANDSCAPE IMPROVEMENTS THIS SHEET

MATCHLINE, SEE SHEET L-1.5

MATCHLINE, SEE SHEET L-1.2



SYMBOL KEY

| SYMBOL | CODE | COMMON NAME |
|----------------------|------|--------------------------------|
| TREES | | |
| | CE | BUTTONWOOD |
| | IC | DAHOON HOLLY |
| | MB | BRACKEN'S SOUTHERN MAGNOLIA |
| | MC | WAX MYRTLE |
| | PO | AMERICAN SYCAMORE |
| | QV | SOUTHERN LIVE OAK |
| | SS | CABBAGE PALMETTO |
| | TD | BALD CYPRESS |
| | TD3 | BALD CYPRESS |
| PALMS | | |
| | LD | RIBBON PALM |
| SHRUBS | | |
| | CN | DWARF PITCH APPLE |
| | CR | RED SISTER TI PLANT |
| | DE | GOLD MOUND DEWDROPS |
| | FG | GREEN ISLAND INDIAN LAUREL FIG |
| | PV | VARIEGATED PANDANUS |
| | SD | DWARF BIRD OF PARADISE |
| | VO | SWEET VIBURNUM |
| | VO2 | SWEET VIBURNUM |
| GROUND COVERS | | |
| | AEG | PERENNIAL PEANUT |
| | SA | FLORATAM ST. AUGUSTINE GRASS |

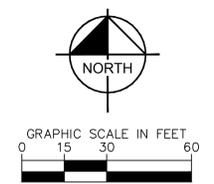
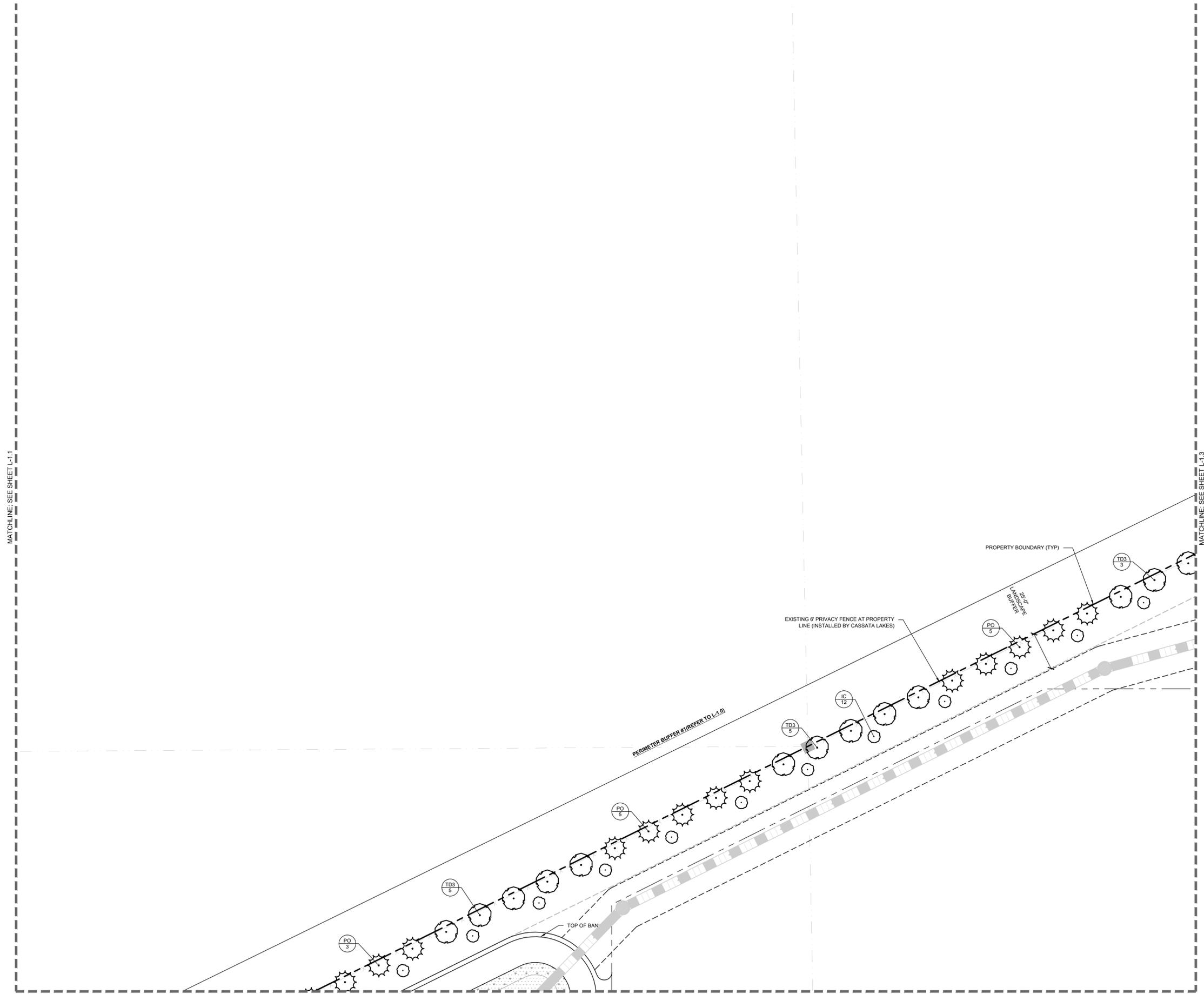
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| KHA PROJECT 248135003 DATE JULY 2024 SCALE AS SHOWN DESIGNED BY KHA DRAWN BY JMH | | REVISIONS No. DATE BY |

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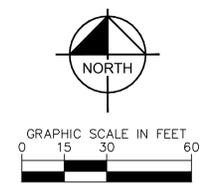
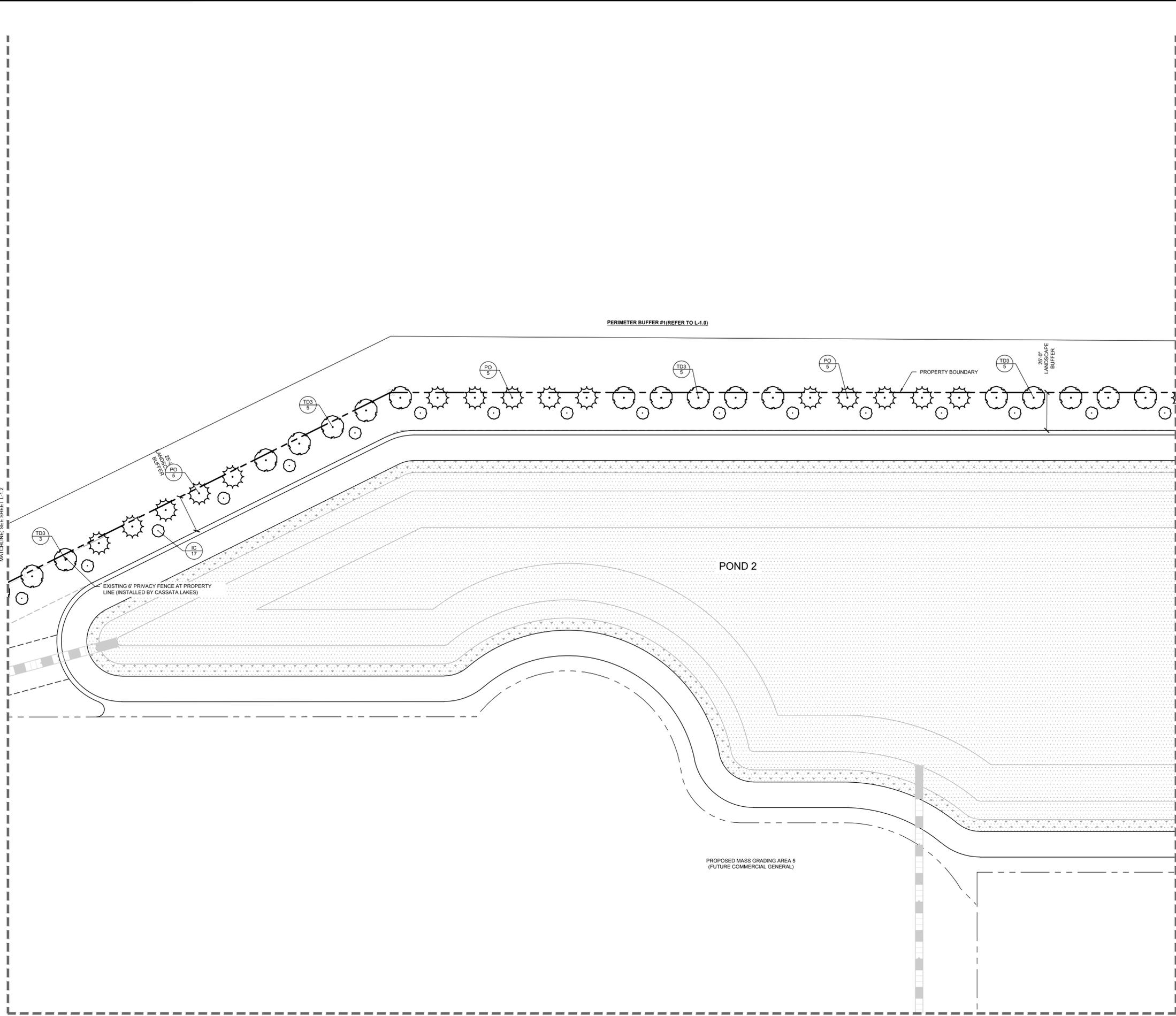
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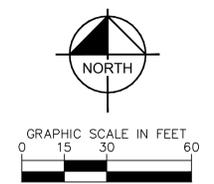
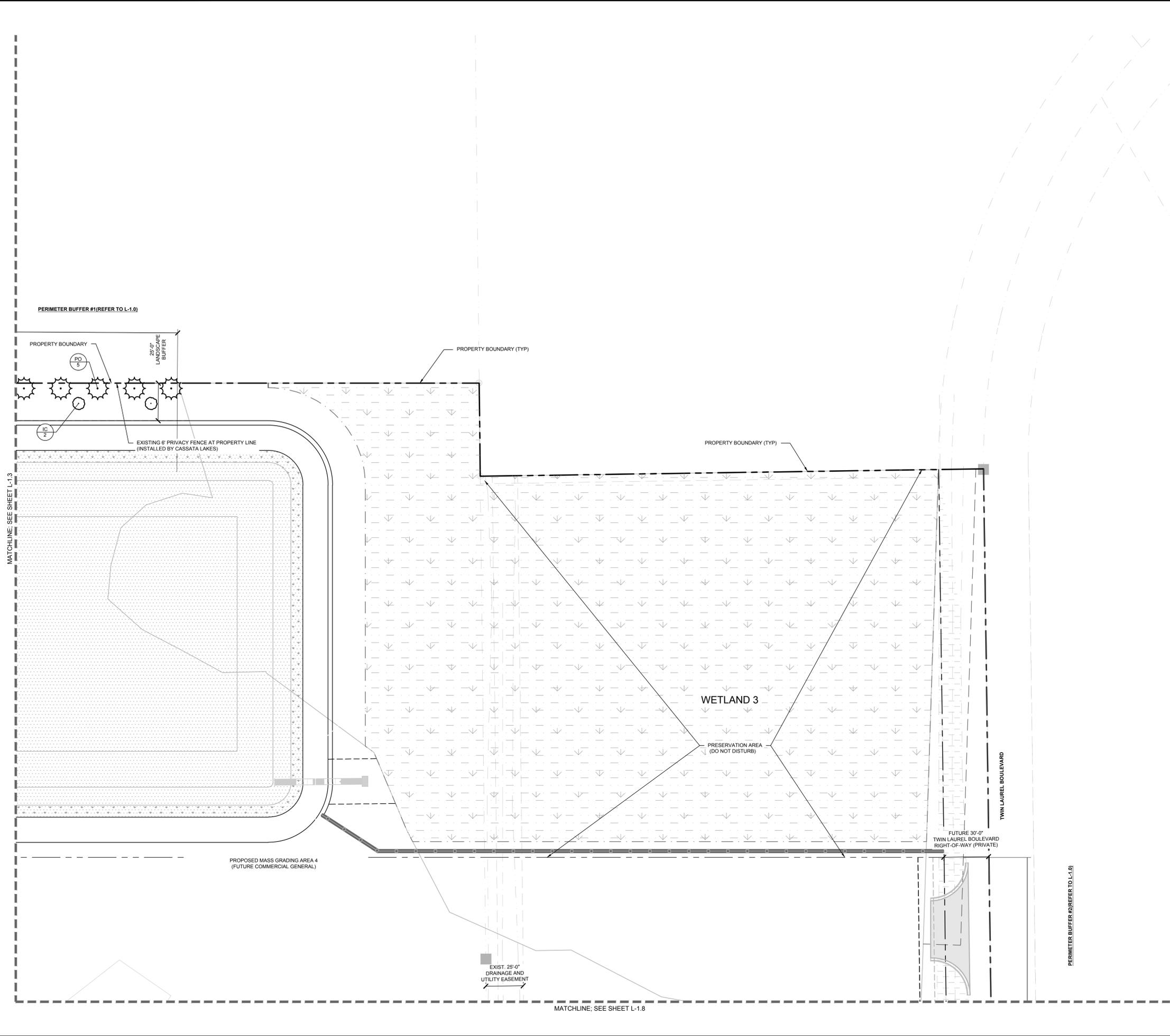
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| KHA PROJECT | 248135003 |
| DATE | JULY 2024 |
| SCALE | AS SHOWN |
| DESIGNED BY | KHA |
| DRAWN BY | JMH |
| CHECKED BY | MDJ |
| DATE | |
| FLORIDA LICENSE NUMBER | 6667269 |

MASTER INFRASTRUCTURE LANDSCAPE PLAN

VENICE CROSSING - PHASE 0
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| | AEG | PERENNIAL PEANUT |
| | SA | FLORATAM ST. AUGUSTINE GRASS |

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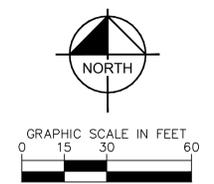
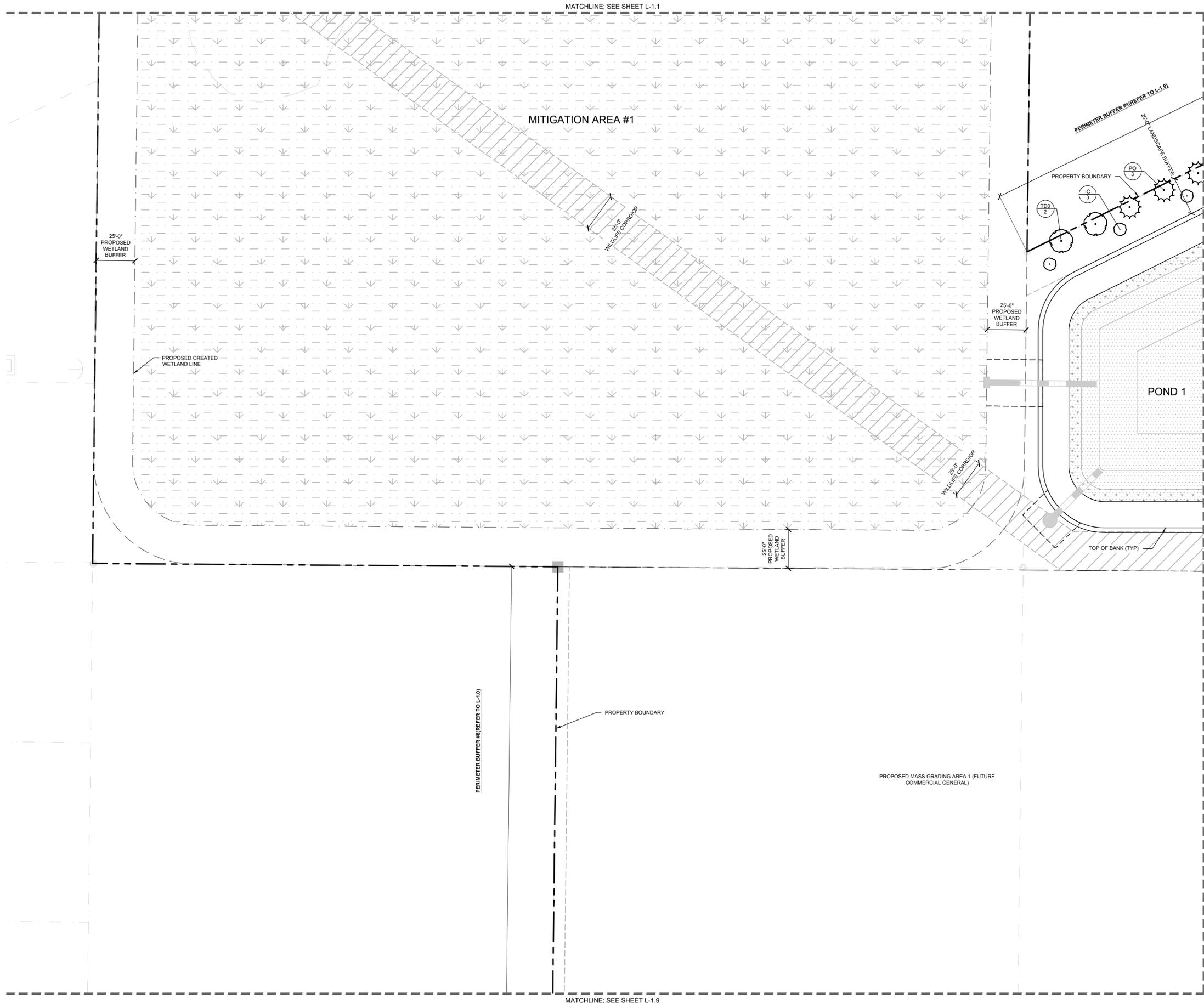
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VENICE CROSSING - PHASE 0
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| KHA PROJECT | 248135003 |
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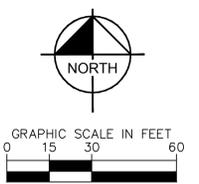
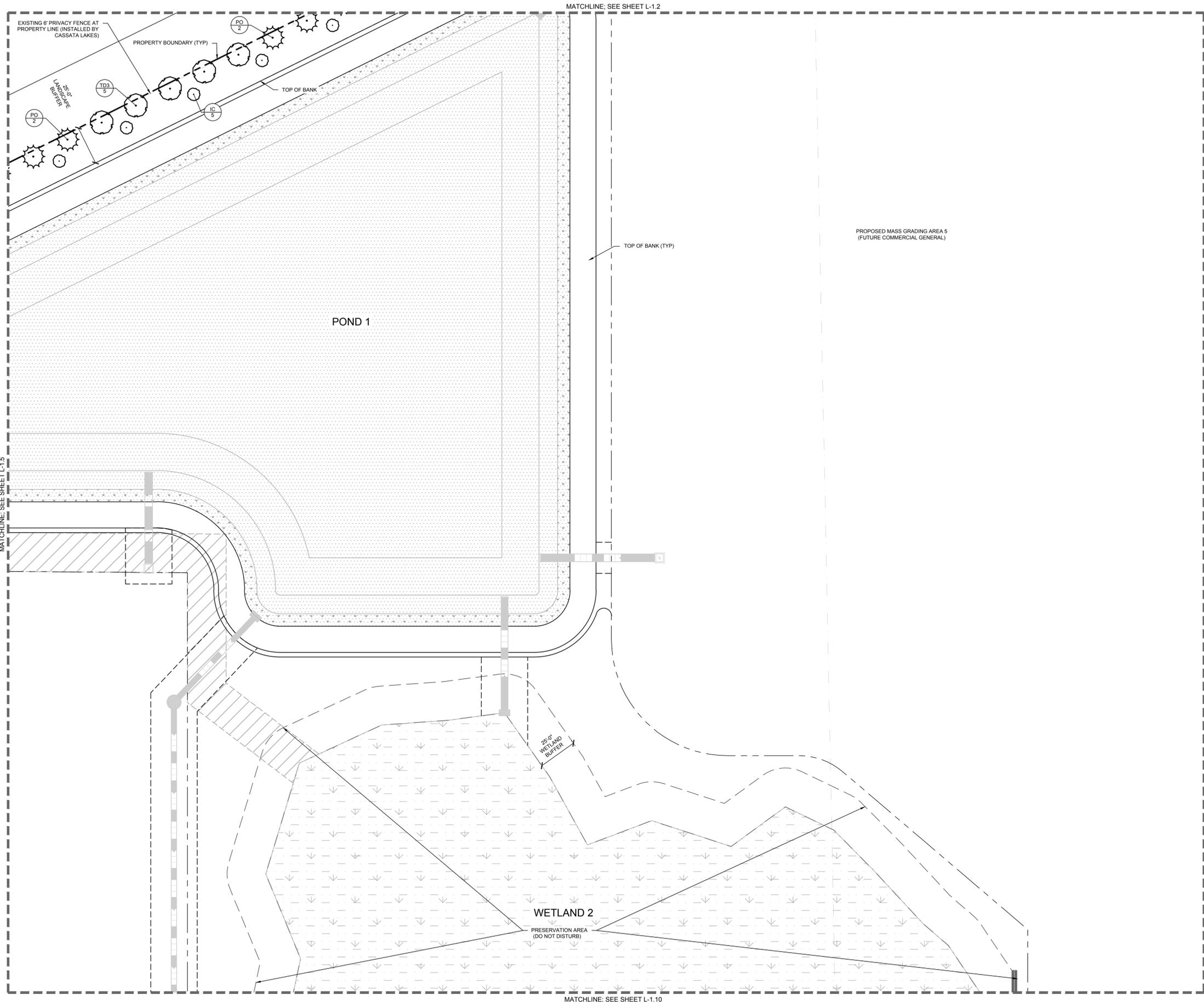
MASTER INFRASTRUCTURE LANDSCAPE PLAN

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SHEET NUMBER
L-1.5

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SYMBOL KEY

| SYMBOL | CODE | COMMON NAME |
|----------------------|------|--------------------------------|
| TREES | | |
| | CE | BUTTONWOOD |
| | IC | DAHOON HOLLY |
| | MB | BRACKEN'S SOUTHERN MAGNOLIA |
| | MC | WAX MYRTLE |
| | PO | AMERICAN SYCAMORE |
| | QV | SOUTHERN LIVE OAK |
| | SS | CABBAGE PALMETTO |
| | TD | BALD CYPRESS |
| | TD3 | BALD CYPRESS |
| PALMS | | |
| | LD | RIBBON PALM |
| SHRUBS | | |
| | CN | DWARF PITCH APPLE |
| | CR | RED SISTER TI PLANT |
| | DE | GOLD MOUND DEWDROPS |
| | FG | GREEN ISLAND INDIAN LAUREL FIG |
| | PV | VARIEGATED PANDANUS |
| | SD | DWARF BIRD OF PARADISE |
| | VO | SWEET VIBURNUM |
| | VO2 | SWEET VIBURNUM |
| GROUND COVERS | | |
| | AEG | PERENNIAL PEANUT |
| | SA | FLORATAM ST. AUGUSTINE GRASS |

| NO. | REVISIONS | DATE | BY |
|-----|-----------|------|----|
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 PHONE: 941-379-7600
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LICENSED PROFESSIONAL

KHA PROJECT: 248135003
 DATE: JULY 2024
 SCALE: AS SHOWN
 DESIGNED BY: KHA
 DRAWN BY: JMH
 CHECKED BY: NDD
 DATE: _____

EDWARD M. DEAN, P.L.A.
 FLORIDA LICENSE NUMBER: 6667269

MASTER INFRASTRUCTURE LANDSCAPE PLAN

VENICE CROSSING - PHASE 0
 PREPARED FOR: 2001 LAUREL LLC
 CITY OF VENICE, FLORIDA

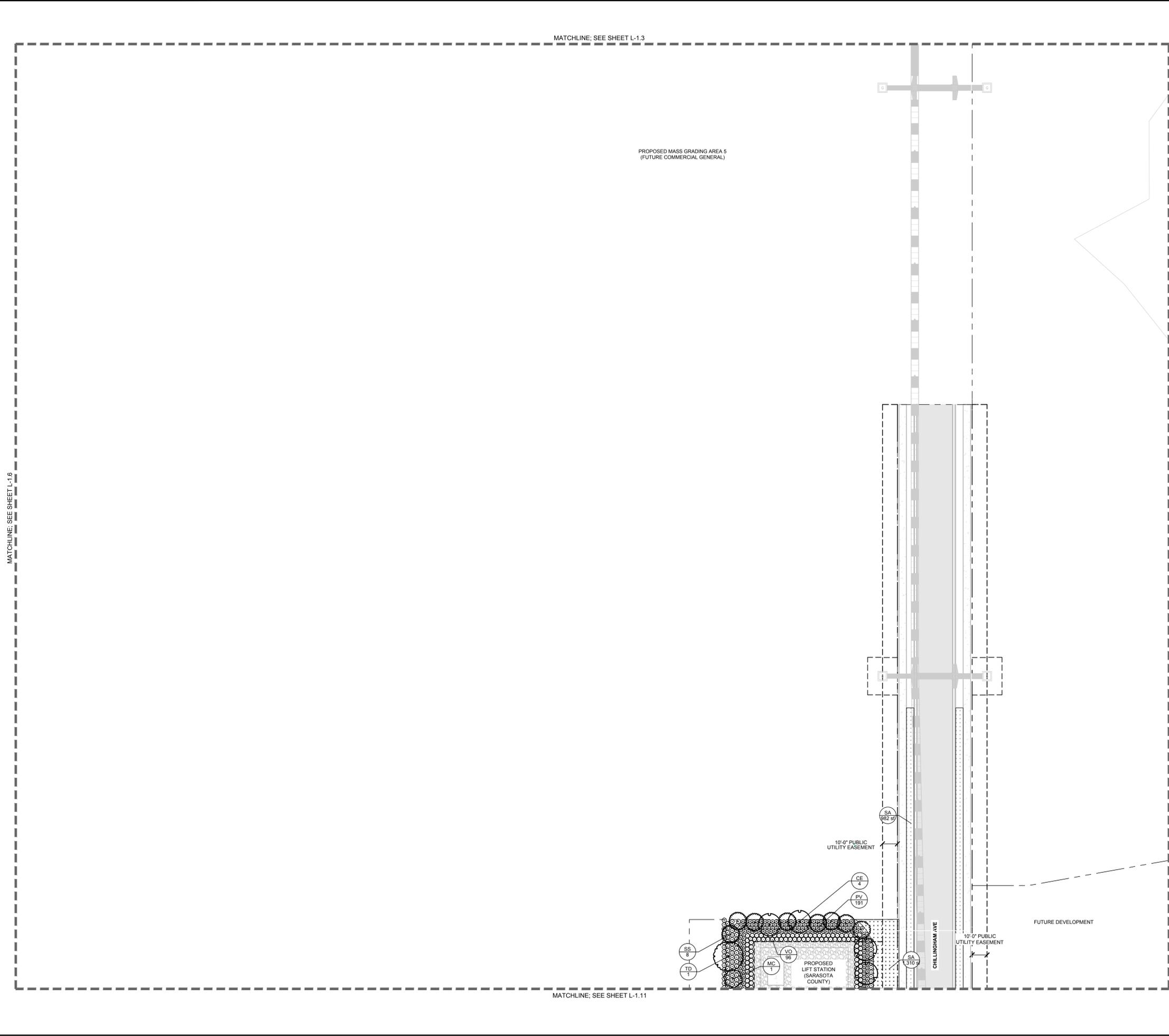
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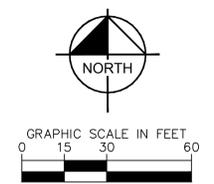


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MATCHLINE: SEE SHEET L-1.1

MATCHLINE: SEE SHEET L-1.6

MATCHLINE: SEE SHEET L-1.8



SYMBOL KEY

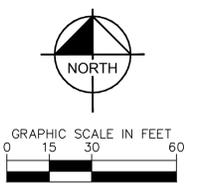
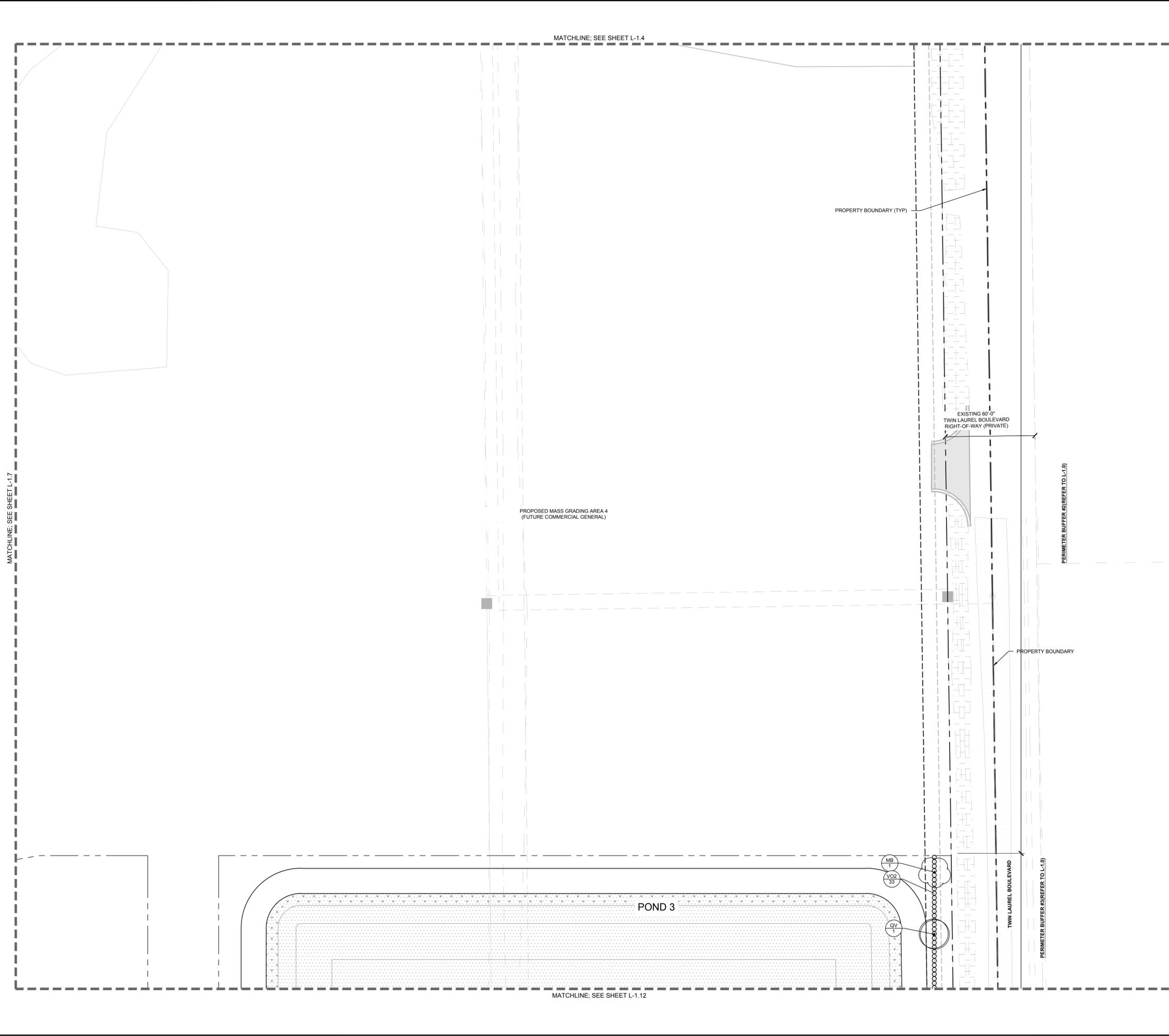
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| SHEET NUMBER L-1.7 | LICENSED PROFESSIONAL EDWARD M. DEAN, P.L.A. FLORIDA LICENSE NUMBER 6667269 | KHA PROJECT 248135003 DATE JULY 2024 SCALE AS SHOWN DESIGNED BY KHA DRAWN BY JMH CHECKED BY NDD DATE: | | | | | | | | |
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| No. | REVISIONS | DATE | BY | | | | | | | |
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| | SA | FLORATAM ST. AUGUSTINE GRASS |

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| LICENSED PROFESSIONAL | EDWARD M. DEAN, P.L.A. |
| KHA PROJECT | 248135003 |
| DATE | JULY 2024 |
| SCALE | AS SHOWN |
| DESIGNED BY | KHA |
| DRAWN BY | JMH |
| CHECKED BY | NDJ |
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MASTER INFRASTRUCTURE LANDSCAPE PLAN

VENICE CROSSING - PHASE 0

PREPARED FOR
2001 LAUREL LLC

CITY OF VENICE

FLORIDA

SHEET NUMBER
L-1.8

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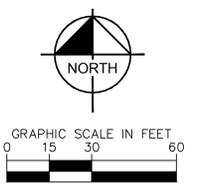
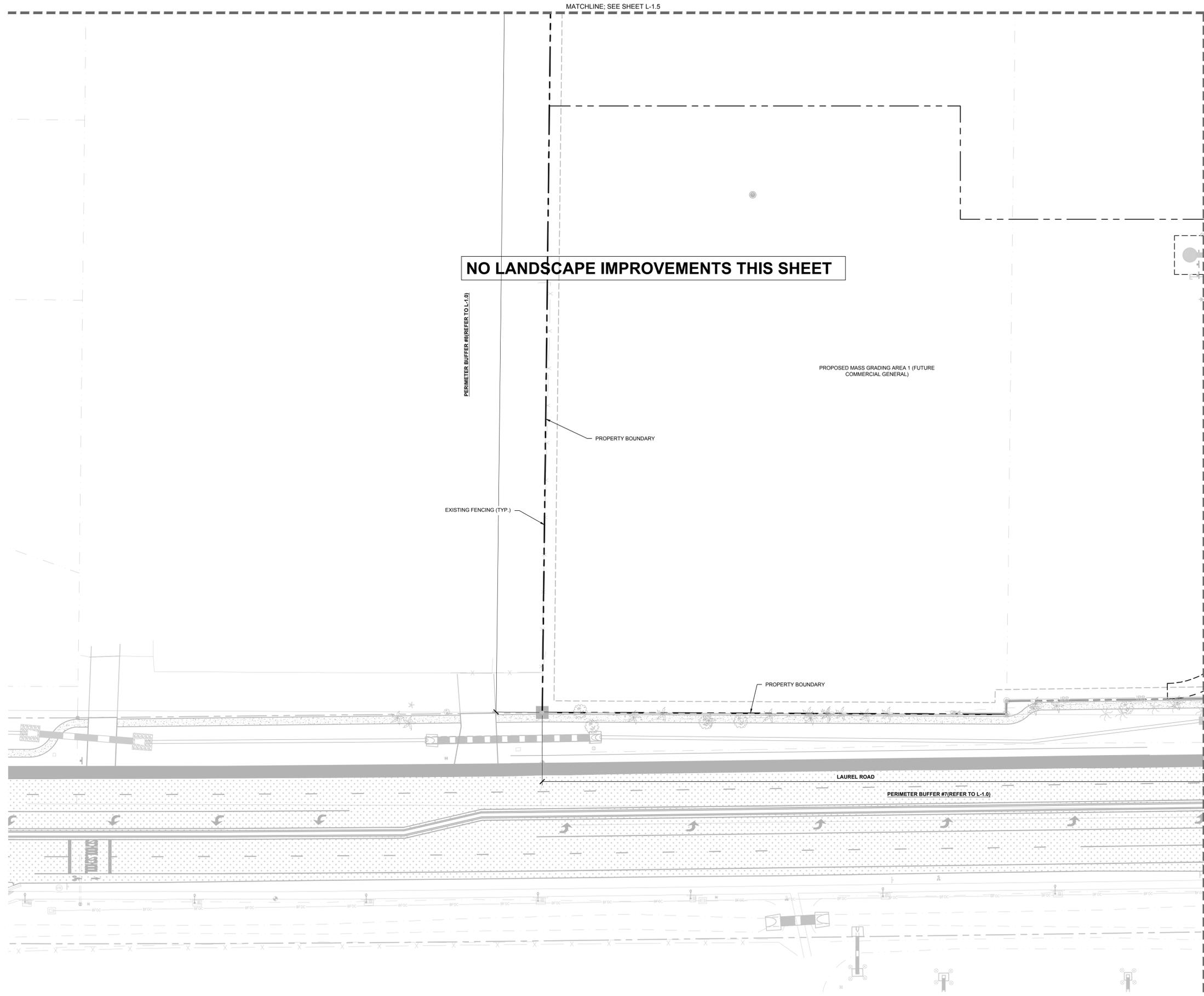
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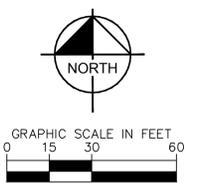
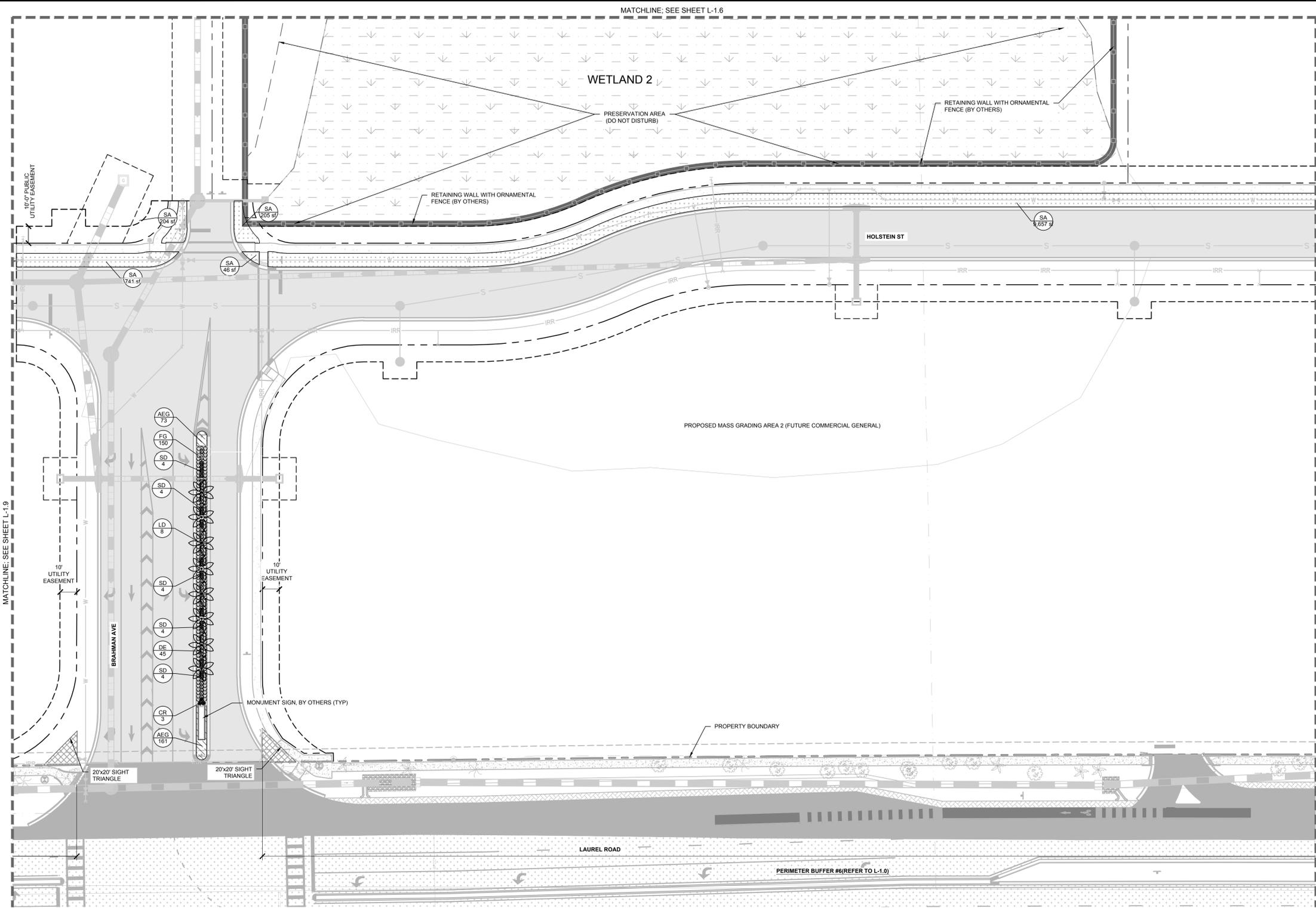
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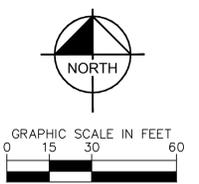
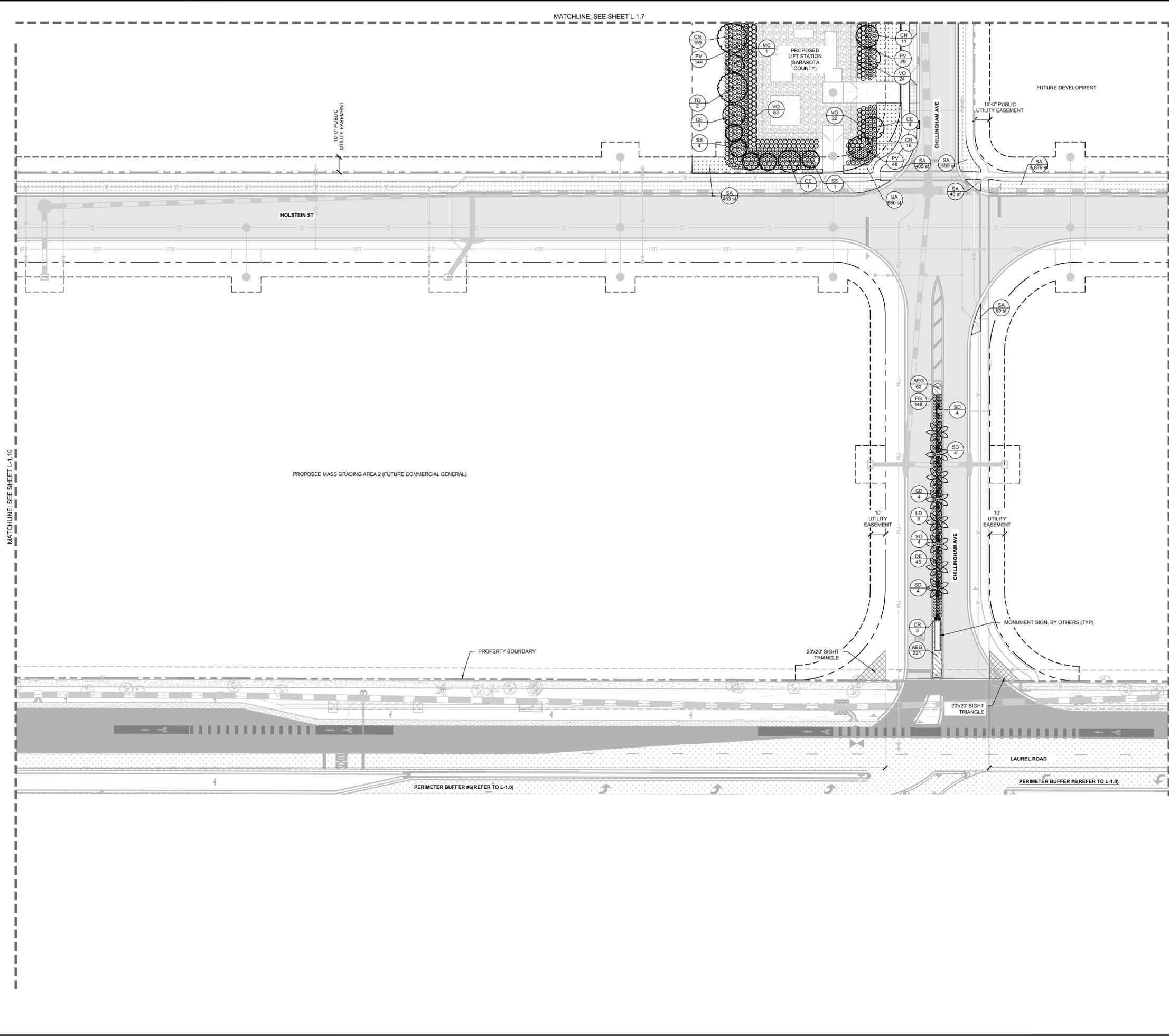
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 EDWARD M. DEAN, P.L.A.
 FLORIDA LICENSE NUMBER 6667269
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MASTER INFRASTRUCTURE LANDSCAPE PLAN

VENICE CROSSING - PHASE 0
 PREPARED FOR
 2001 LAUREL LLC
 CITY OF VENICE, FLORIDA

CALL 2 WORKING DAYS BEFORE YOU DIG
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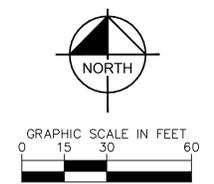
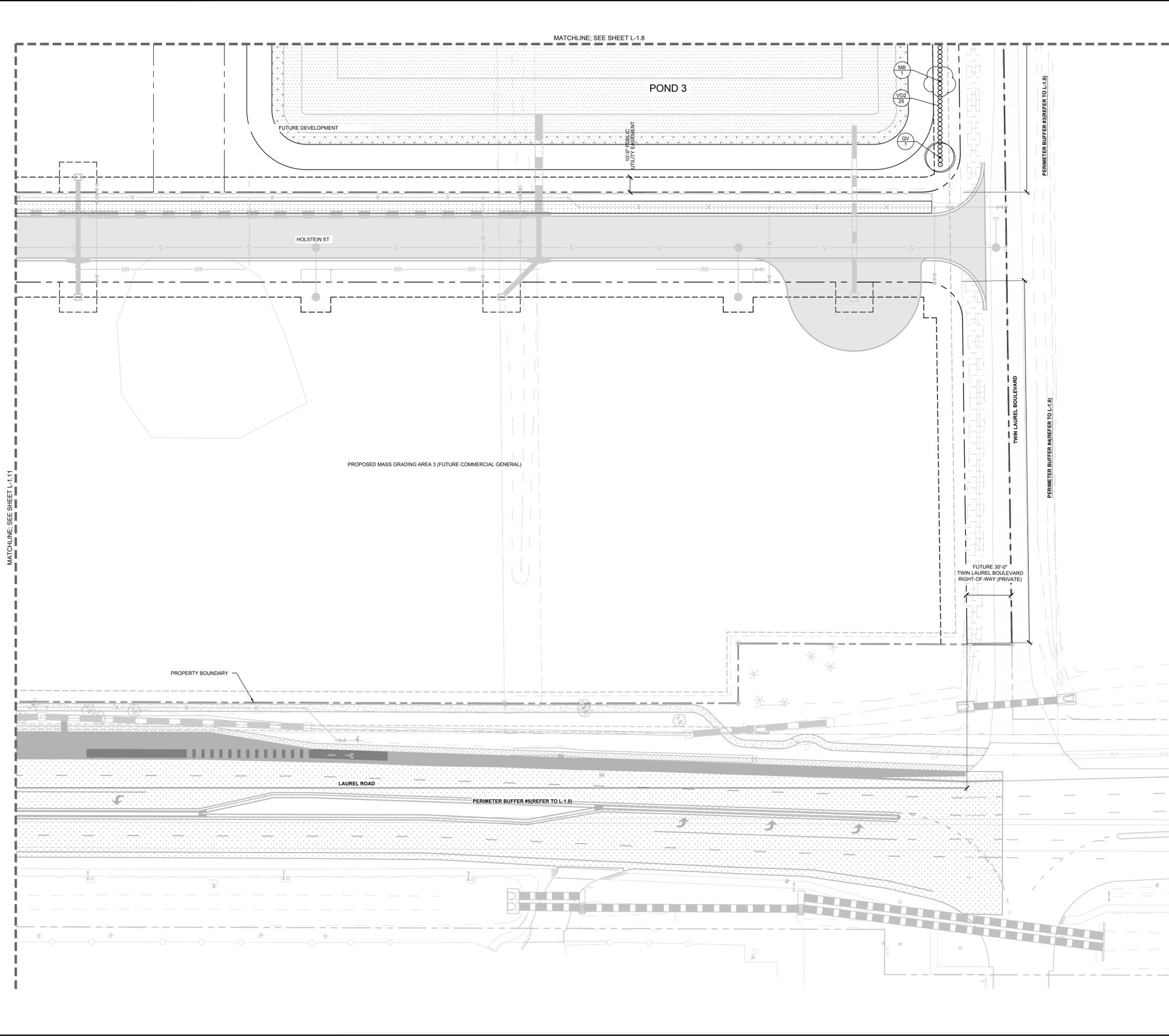
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**MASTER
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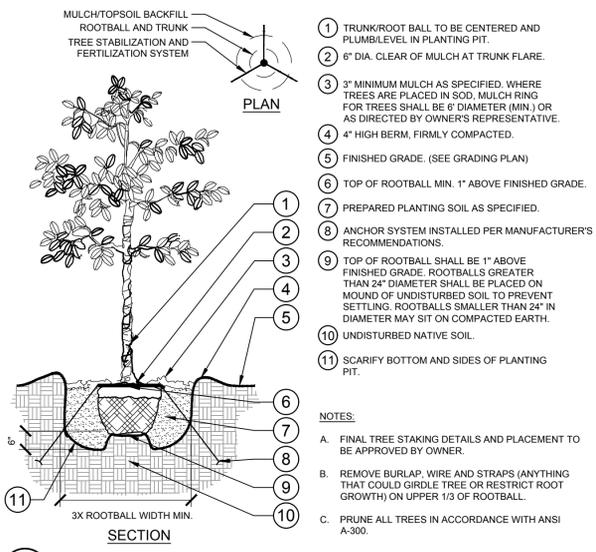
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MASTER INFRASTRUCTURE LANDSCAPE PLAN

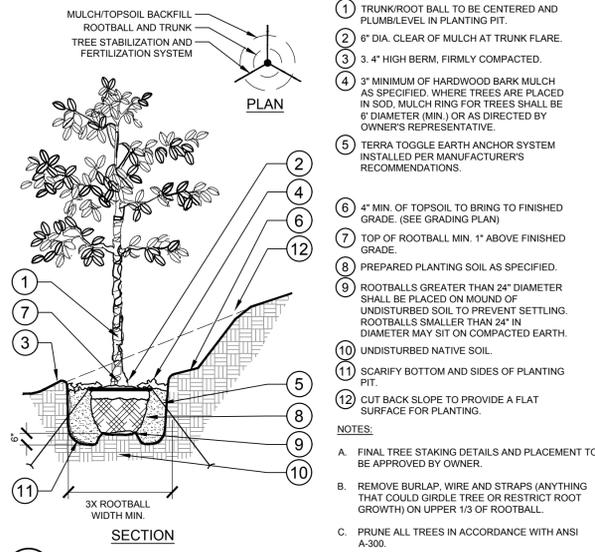
VENICE CROSSING - PHASE 0
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 CITY OF VENICE
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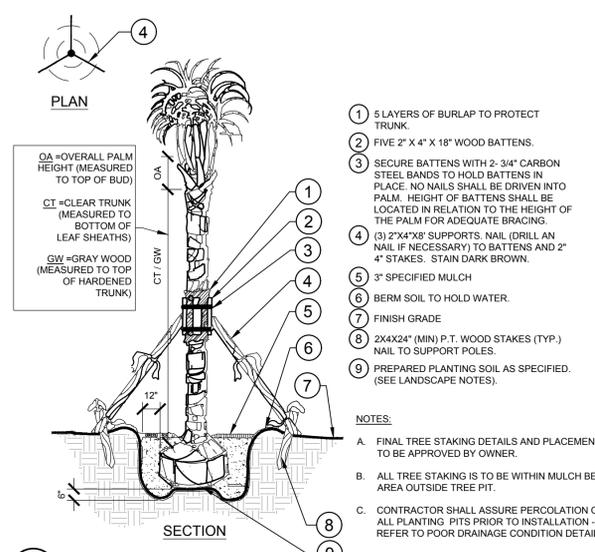
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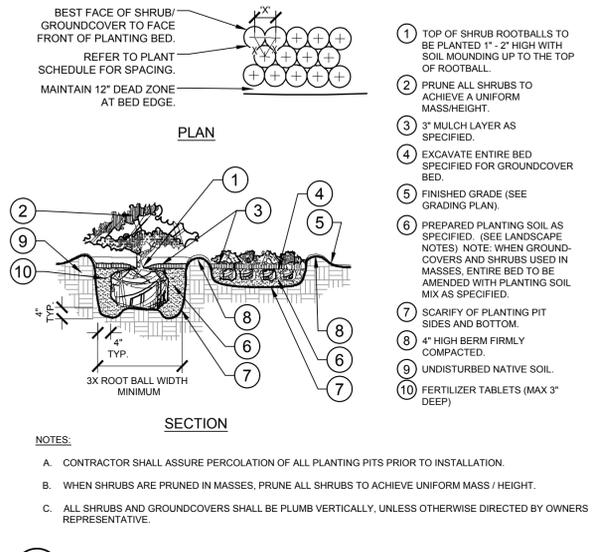
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L-151 SECTION / PLAN SAR-248-135-15



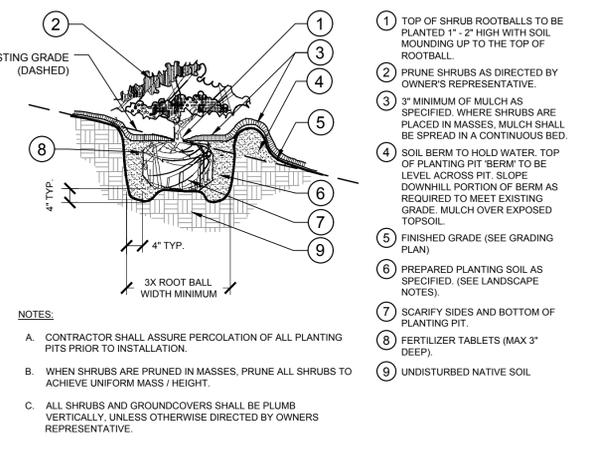
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SECTION / PLAN
L-151 SECTION / PLAN SAR-248-135-16



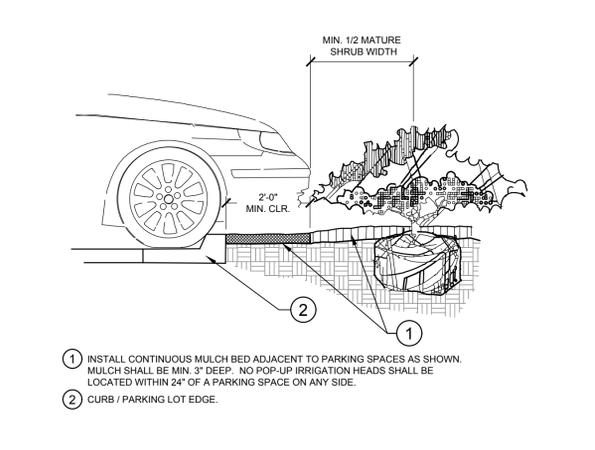
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L-151 SECTION / PLAN SAR-248-135-23



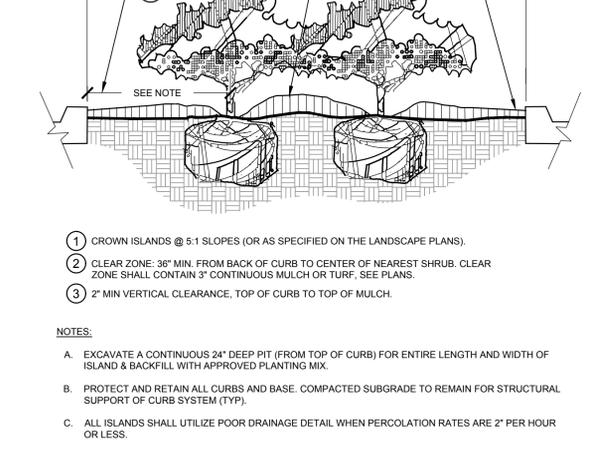
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SECTION / PLAN
L-151 SECTION / PLAN SAR-248-135-17



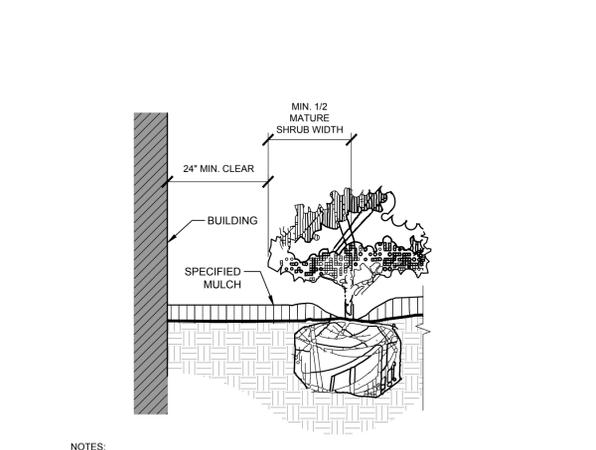
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SECTION
L-151 SECTION SAR-248-135-18



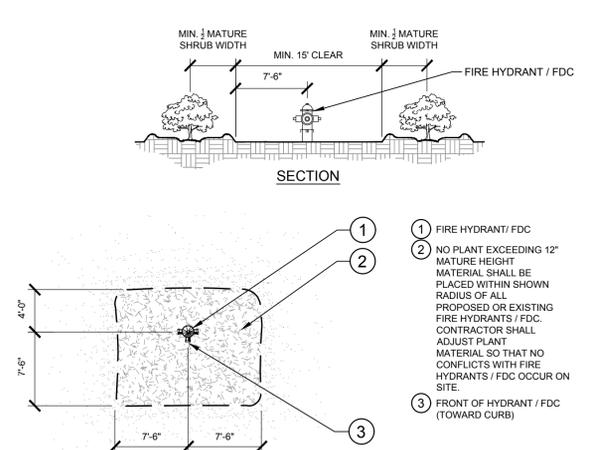
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SECTION
L-151 SECTION SAR-248-135-19



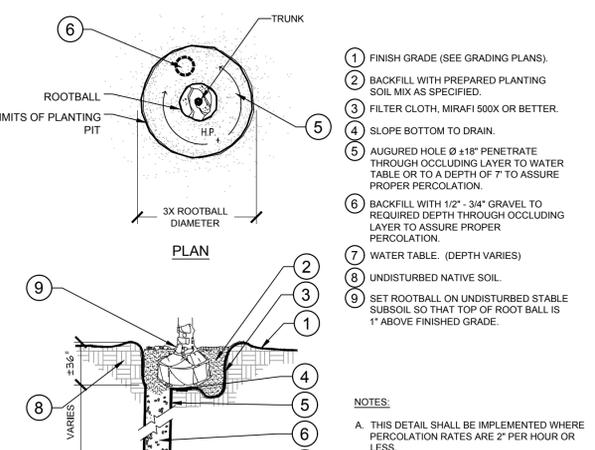
7 PLANTED PARKING LOT ISLANDS/MEDIANS
SECTION
L-151 SECTION SAR-248-135-20



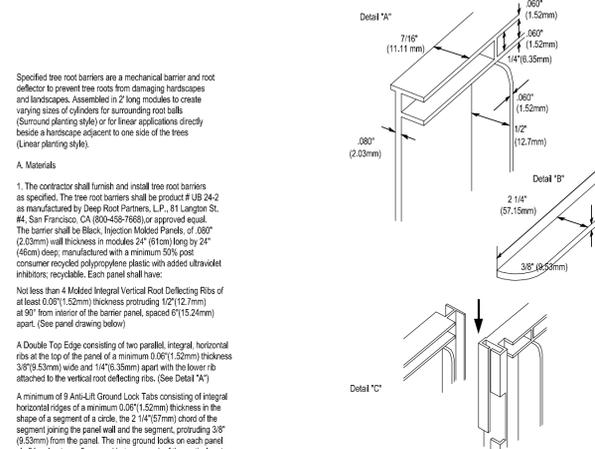
8 PLANTINGS ADJACENT TO BUILDINGS
SECTION
L-151 SECTION SAR-248-135-19



9 SHRUB PLANTING AT FIRE HYDRANT / FIRE DEPARTMENT CONNECTION
SECTION / PLAN
L-151 SECTION / PLAN SAR-248-135-20



10 POOR DRAINAGE CONDITION
SECTION / PLAN
L-151 SECTION / PLAN SAR-248-135-21



11 24\"/>

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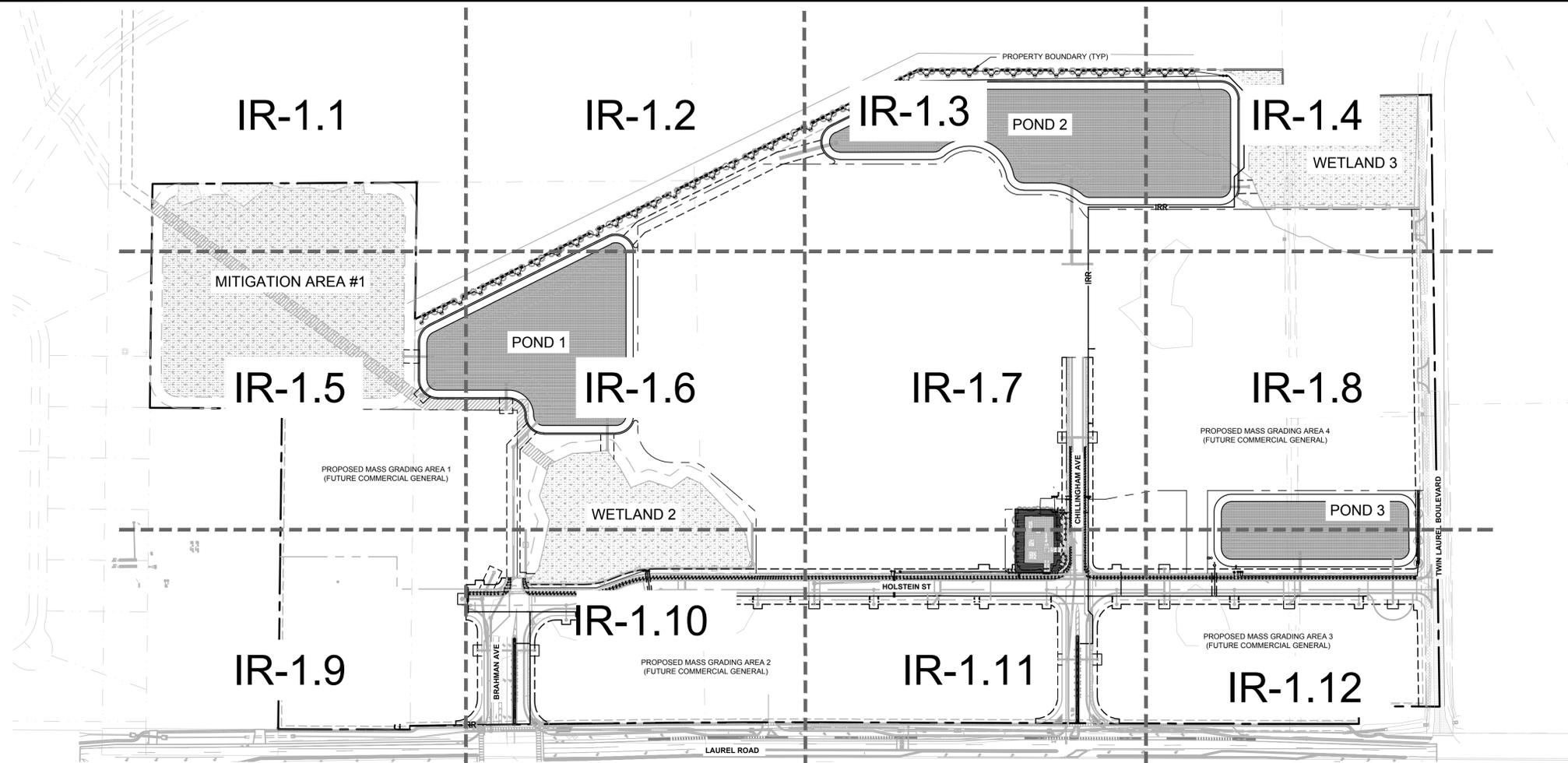
LICENSED PROFESSIONAL
 EDWARD M. DEAN, P.L.A.
 DATE: JULY 2024
 SCALE: AS SHOWN
 DESIGNED BY: KHA
 DRAWN BY: JMH
 CHECKED BY: NDD
 DATE:

LANDSCAPE DETAILS
 VENICE CROSSING - PHASE 0
 PREPARED FOR
 2001 LAUREL LLC
 FLORIDA
 CITY OF VENICE

SHEET NUMBER
L-151

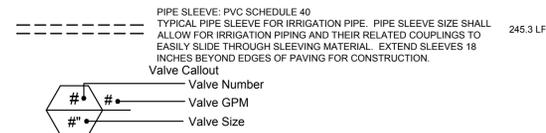
| NO. | REVISIONS | DATE | BY |
|-----|-----------|------|----|
| | | | |

Plotted By: Chapman, Abigail - Sheet: Set: IRR-1 - Phase 0 - Layout: IRR-1 - March 27, 2025 - 03:01:08pm - K:\var_civil\248135003-hurl_assemble\phase 0\CAD\plansheets\Phase 0\IRR-1 - IRRIGATION PLAN.dwg
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IRRIGATION SCHEDULE

| SYMBOL | MANUFACTURER/MODEL/DESCRIPTION | QTY |
|--------|--|-----------|
| | RAIN BIRD RD-06-S-F-NP-U 8 SERIES TURF SPRAY, 6IN. POP-UP, SEAL-A-MATIC CHECK VALVE, FLOW-SHIELD TECHNOLOGY, AND NON-POTABLE COVER (PURPLE CAP), 1/2IN. NPT FEMALE THREADED INLET. | 747 |
| | RAIN BIRD RD-06-S-F-NP-U 10 SERIES TURF SPRAY, 6IN. POP-UP, SEAL-A-MATIC CHECK VALVE, FLOW-SHIELD TECHNOLOGY, AND NON-POTABLE COVER (PURPLE CAP), 1/2IN. NPT FEMALE THREADED INLET. | 12 |
| | RAIN BIRD RD-06-S-F-NP-U 112 SERIES TURF SPRAY, 6IN. POP-UP, SEAL-A-MATIC CHECK VALVE, FLOW-SHIELD TECHNOLOGY, AND NON-POTABLE COVER (PURPLE CAP), 1/2IN. NPT FEMALE THREADED INLET. | 8 |
| | RAIN BIRD RD-06-S-F-NP-U 115 SERIES TURF SPRAY, 6IN. POP-UP, SEAL-A-MATIC CHECK VALVE, FLOW-SHIELD TECHNOLOGY, AND NON-POTABLE COVER (PURPLE CAP), 1/2IN. NPT FEMALE THREADED INLET. | 10 |
| | HUNTER PCB-R FLOOD BUBBLER, 1/2IN. FIPT. WITH PURPLE CAP FOR RECLAIMED WATER USE. | 336 |
| | HUNTER PCZ-101-40 DRIP CONTROL VALVE KIT, 1IN. PGOV GLOBE VALVE WITH 1IN. HY100 FILTER SYSTEM, PRESSURE REGULATION: 40PSI, FLOW RANGE: 0.5 GPM TO 15 GPM, 150 MESH STAINLESS STEEL SCREEN. | 4 |
| | AREA TO RECEIVE DRIPLINE HUNTER HDL-09-18-R HDL-09-18-R HUNTER DRIPLINE WITH 0.9 GPH FLOW, LIGHT BROWN TUBING WITH PURPLE STRIPING, EMITTERS AT 18" O.C. DRIPLINE LATERALS SPACED AT 18" APART, WITH EMITTERS OFFSET FOR TRIANGULAR PATTERN, INSTALL WITH HUNTER PLD BARBED OR PLD-LOC FITTINGS. | 6,386 LF |
| | HUNTER ICV-G-DC-R 1IN., 1-1/2IN., 2IN., AND 3IN. PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE, WITH DC LATCHING SOLENOID FACTORY INSTALLED OPTION, RECLAIMED WATER ID, PURPLE HANDLE. | 17 |
| | 3" SHUT OFF VALVE | 18 |
| | HUNTER I2C-4800-M/ICC-PED-SS/EZ-DM 48 STATION OUTDOOR MODULAR CONTROLLER, WITH FIVE ICM-800 MODULE, COMMERCIAL USE, STAINLESS STEEL PEDESTAL, EZDM DECODER OUTPUT MODULE TO CONVERT TO 2-WIRE DECODER SYSTEM, TO BE INSTALLED ON UNIVERSAL DECODER STAKE KIT (DECSTAKE10) WITH ICC2 CELLULAR COMMUNICATION MODULE FOR CENTRALUS SOFTWARE, 4G LTE-M | 1 |
| | HUNTER EZ-1 SINGLE STATION EZ DECODER FOR USE WITH EZDM DECODER MODULE ONLY, DECODERS NOT SHOWN IN PLAN, INSTALL DECODER AT EACH VALVE, TO BE INSTALLED ON UNIVERSAL DECODER STAKE KIT (DECSTAKE10). | 37 |
| | HUNTER HFS-300 FLOW SENSOR FOR USE WITH ICC CONTROLLER, 3IN. SCHEDULE 40 SENSOR BODY, 24 VAC, 2 AMP. | 1 |
| | CAP FOR FUTURE USE, CAP AT THE MAINLINE OR LATERAL LINE FOR FUTURE USE, THE PRESSURE AND FLOW PROVIDED TO THAT LOCATION ARE INDICATED NEXT TO THE CAP SYMBOL. | 18 |
| | POINT OF CONNECTION 4" IRRIGATION WELL | 1 |
| | IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 (PURPLE) | 11,955 LF |



VALVE SCHEDULE

| NUMBER | MODEL | SIZE | TYPE | GPM | WIRE | PSI | PSI @ POC | PRECIP |
|--------|--------------------|--------|-----------------------------------|-------|-------|------|-----------|-----------|
| 1 | HUNTER PCZ-101-40 | 1" | AREA FOR DRIPLINE | 43.14 | 876.0 | 44.3 | 46.9 | 0.64 in/h |
| 2 | HUNTER ICV-G-DC-R | 1" | BUBBLER | 17.5 | 871.4 | 26.9 | 27.4 | 1.19 in/h |
| 3 | HUNTER ICV-G-DC-R | 1-1/2" | TURF SPRAY | 46.78 | 866.2 | 24.4 | 27.3 | 1.65 in/h |
| 4 | HUNTER ICV-G-DC-R | 1-1/2" | TURF SPRAY | 36.96 | 1,073 | 27.4 | 29.4 | 1.33 in/h |
| 5 | HUNTER ICV-G-DC-R | 1-1/2" | TURF SPRAY | 38.01 | 1,066 | 29.1 | 31.2 | 1.26 in/h |
| 6 | HUNTER ICV-G-DC-R | 1" | TURF SPRAY | 3.65 | 1,630 | 23.0 | 23.2 | 1.33 in/h |
| 7 | HUNTER ICV-G-DC-R | 1-1/2" | TURF SPRAY | 30.03 | 1,624 | 26.7 | 28.5 | 1.26 in/h |
| 8 | HUNTER ICV-G-DC-R | 1-1/2" | TURF SPRAY | 26.04 | 1,630 | 25.9 | 28.0 | 1.26 in/h |
| 9 | HUNTER PCZ-101-40 | 1" | AREA FOR DRIPLINE | 7.83 | 898.1 | 37.6 | 48.6 | 0.64 in/h |
| 10 | HUNTER ICV-G-DC-R | 1" | BUBBLER | 5.5 | 892.5 | 23.0 | 28.6 | 1.13 in/h |
| 11 | HUNTER ICV-G-DC-R | 1-1/2" | TURF SPRAY | 40.11 | 791.4 | 24.4 | 25.7 | 2.0 in/h |
| 12 | HUNTER ICV-G-DC-R | 1" | TURF SPRAY | 12.81 | 2,024 | 24.1 | 24.5 | 1.22 in/h |
| 13 | HUNTER ICV-G-DC-R | 1-1/2" | TURF SPRAY | 35.28 | 291.8 | 27.7 | 28.3 | 1.26 in/h |
| 14 | HUNTER ICV-G-DC-R | 1-1/2" | TURF SPRAY | 43.26 | 291.8 | 28.9 | 29.5 | 1.27 in/h |
| 15 | HUNTER ICV-G-DC-R | 1-1/2" | TURF SPRAY | 28.13 | 1,079 | 28.6 | 30.0 | 1.41 in/h |
| 16 | HUNTER ICV-G-DC-R | 1" | BUBBLER | 40 | 2,075 | 37.7 | 44.5 | 1.7 in/h |
| 17 | HUNTER ICV-G-DC-R | 1-1/2" | BUBBLER | 56.5 | 2,082 | 50.8 | 63.7 | 1.7 in/h |
| 18 | HUNTER ICV-G-DC-R | 1" | BUBBLER | 4 | 297.4 | 23.8 | 23.8 | 1.71 in/h |
| 19 | HUNTER PCZ-101-40 | 1" | AREA FOR DRIPLINE | 5.18 | 302.6 | 37.6 | 37.8 | 0.64 in/h |
| 20 | HUNTER ICV-G-DC-R | 1" | BUBBLER | 5.5 | 1,958 | 22.9 | 23.7 | 1.03 in/h |
| 21 | HUNTER PCZ-101-40 | 1" | AREA FOR DRIPLINE | 7.71 | 1,953 | 37.5 | 38.9 | 0.64 in/h |
| 22 | CAP FOR FUTURE USE | | CAP (AS INDICATED FOR FUTURE USE) | 70 | | 55 | 64.4 | Unknown |
| 23 | CAP FOR FUTURE USE | | CAP (AS INDICATED FOR FUTURE USE) | 70 | | 55 | 66.1 | Unknown |
| 24 | CAP FOR FUTURE USE | | CAP (AS INDICATED FOR FUTURE USE) | 70 | | 55 | 66.1 | Unknown |
| 25 | CAP FOR FUTURE USE | | CAP (AS INDICATED FOR FUTURE USE) | 70 | | 60 | 64.0 | Unknown |
| 26 | CAP FOR FUTURE USE | | CAP (AS INDICATED FOR FUTURE USE) | 70 | | 60 | 64.4 | Unknown |
| 27 | CAP FOR FUTURE USE | | CAP (AS INDICATED FOR FUTURE USE) | 70 | | 65 | 66.3 | Unknown |
| 28 | CAP FOR FUTURE USE | | CAP (AS INDICATED FOR FUTURE USE) | 70 | | 65 | 66.3 | Unknown |
| 29 | CAP FOR FUTURE USE | | CAP (AS INDICATED FOR FUTURE USE) | 70 | | 60 | 68.0 | Unknown |
| 30 | CAP FOR FUTURE USE | | CAP (AS INDICATED FOR FUTURE USE) | 70 | | 60 | 68.2 | Unknown |
| 31 | CAP FOR FUTURE USE | | CAP (AS INDICATED FOR FUTURE USE) | 70 | | 60 | 68.8 | Unknown |
| 32 | CAP FOR FUTURE USE | | CAP (AS INDICATED FOR FUTURE USE) | 70 | | 60 | 64.9 | Unknown |
| 33 | CAP FOR FUTURE USE | | CAP (AS INDICATED FOR FUTURE USE) | 70 | | 60 | 64.8 | Unknown |
| 34 | CAP FOR FUTURE USE | | CAP (AS INDICATED FOR FUTURE USE) | 70 | | 60 | 63.8 | Unknown |
| 35 | CAP FOR FUTURE USE | | CAP (AS INDICATED FOR FUTURE USE) | 70 | | 60 | 63.8 | Unknown |
| 36 | CAP FOR FUTURE USE | | CAP (AS INDICATED FOR FUTURE USE) | 70 | | 60 | 62.4 | Unknown |
| 37 | CAP FOR FUTURE USE | | CAP (AS INDICATED FOR FUTURE USE) | 70 | | 60 | 61.1 | Unknown |
| 38 | CAP FOR FUTURE USE | | CAP (AS INDICATED FOR FUTURE USE) | 70 | | 60 | 61.0 | Unknown |
| 39 | CAP FOR FUTURE USE | | CAP (AS INDICATED FOR FUTURE USE) | 70 | | 60 | 61.0 | Unknown |
| 40 | Common Wire | | | | 5,244 | | | Unknown |

NOTES:
1. SEE SHEET IRR-1.50 AND IRR-1.51 FOR IRRIGATION SPECIFICATIONS AND DETAILS.

CRITICAL ANALYSIS

Generated: 2025-03-14 14:51

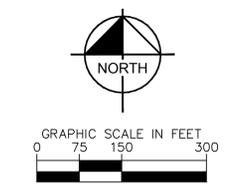
P.O.C. NUMBER: 01
Water Source Information: 4" IRRIGATION WELL

FLOW AVAILABLE
Custom Max Flow: 70 GPM
Flow Available: 70 GPM

PRESSURE AVAILABLE
Static Pressure at POC: 70 PSI
Pressure Available: 70 PSI

DESIGN ANALYSIS
Maximum Station Flow: 70 GPM
Flow Available at POC: 70 GPM
Residual Flow Available: 0 GPM

Design Pressure: Unknown
Friction Loss: Unknown
Fittings Loss: Unknown
Elevation Loss: 0 PSI
Loss through Valve: Unknown
Pressure Req. at Critical Station: 60 PSI
Loss for Fittings: 0.73 PSI
Loss for Main Line: 7.29 PSI
Loss for POC to Valve Elevation: 0 PSI
Loss for Backflow: 0 PSI
Critical Station Pressure at POC: 68.0 PSI
Residual Pressure Available: 1.98 PSI



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| | | | |

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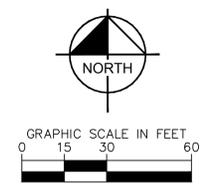
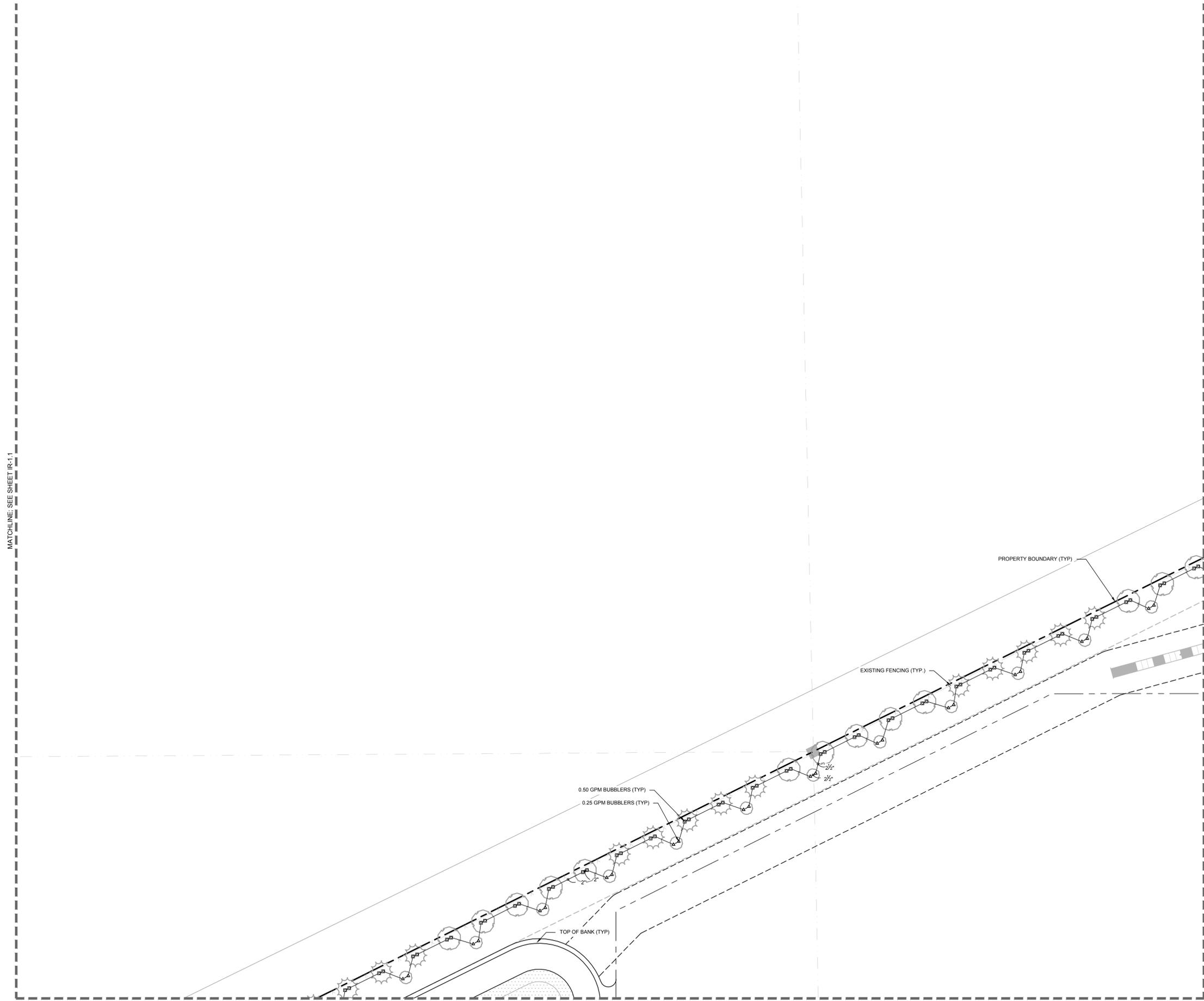
LICENSED PROFESSIONAL
 EDWARD M. DEAN, P.L.A.
 FLORIDA LICENSE NUMBER: 6667269
 DESIGNED BY: KHA
 DRAWN BY: JMH
 CHECKED BY: NDD
 DATE: _____

OVERALL MASTER INFRASTRUCTION IRRIGATION PLAN

VENICE CROSSING - PHASE 0
 PREPARED FOR
 2001 LAUREL LLC
 CITY OF VENICE, FLORIDA

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Plotted By: Chapman, Abigail - Sheet Set: Irrigation Assembly - Phase 0 - Layout: IR-1.2 - March 27, 2025 - 03:01:16pm - K:\Year-club\248135003-hurt_assembly_phase_0\CAD\plansheets\Phase 0\IR-1_ IRRIGATION PLAN.dwg
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SYMBOL KEY

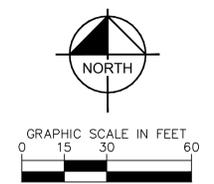
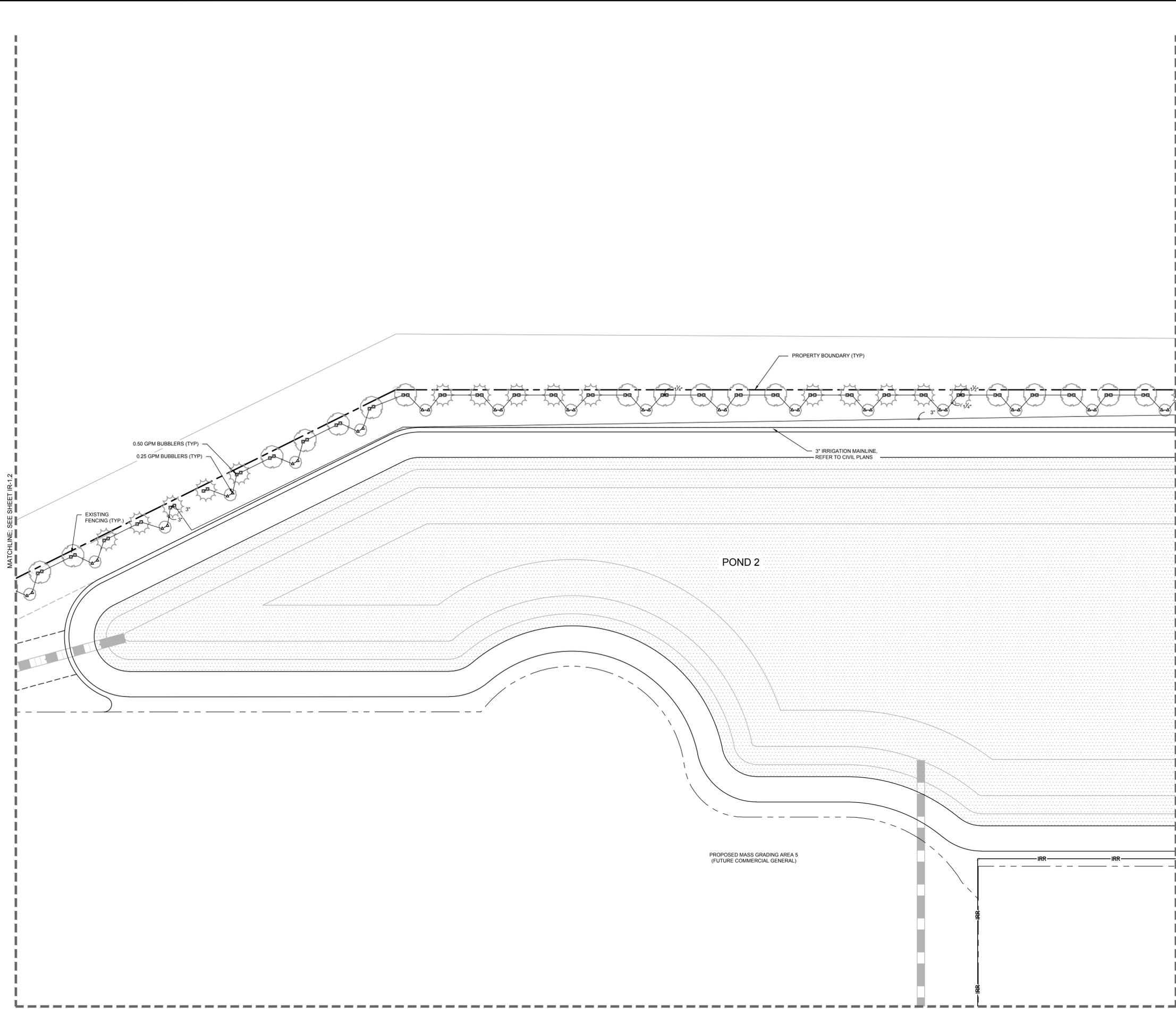
| SYMBOL | MANUFACTURER/MODEL |
|---------------|--|
| | RAIN BIRD RD-06-S-F-NP-U8 SERIES |
| | RAIN BIRD RD-06-S-F-NP-U10 SERIES |
| | RAIN BIRD RD-06-S-F-NP-U12 SERIES |
| | RAIN BIRD RD-06-S-F-NP-U15 SERIES |
| | HUNTER PCB-R |
| SYMBOL | MANUFACTURER/MODEL |
| | HUNTER PCZ-101-40 |
| | AREA TO RECEIVE DRIPLINE HUNTER HDL-09-18-R |
| SYMBOL | MANUFACTURER/MODEL |
| | HUNTER ICV-G-DC-R |
| | 3" SHUT OFF VALVE |
| | HUNTER I2C-4800-MICC-PED-SS/EZ-DM |
| | HUNTER EZ-1 |
| | HUNTER HFS-300 |
| | CAP FOR FUTURE USE |
| | POINT OF CONNECTION |
| | IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 (PURPLE) |
| | IRRIGATION MAINLINE: PVC CLASS 200 SDR 21 |
| | PIPE SLEEVE: PVC SCHEDULE 40 |
| | Valve Callout Valve Number Valve GPM Valve Size |

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|--|---|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| LICENSED PROFESSIONAL EDWARD M. DEAN, P.L.A. FLORIDA LICENSE NUMBER 6667269 | KHA PROJECT 248135003 DATE JULY 2024 SCALE AS SHOWN DESIGNED BY KHA DRAWN BY JMH CHECKED BY MDD DATE: | | | | | | | | | | | | | | | | | | | | |
| <h2 style="margin: 0;">IRRIGATION PLAN</h2> | VENICE CROSSING - PHASE 0 PREPARED FOR 2001 LAUREL LLC CITY OF VENICE FLORIDA | | | | | | | | | | | | | | | | | | | | |
| SHEET NUMBER <h3 style="margin: 0;">IR-1.2</h3> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">REVISIONS</th> <th style="width: 50%;">DATE</th> </tr> <tr> <td> </td> <td> </td> </tr> </table> | REVISIONS | DATE | | | | | | | | | | | | | | | | | | |
| REVISIONS | DATE | | | | | | | | | | | | | | | | | | | | |
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Plotted By: Chapman, Abigail - Sheet Set: hurl_assembly - Phase 0 - Layout: IR-1.3 - March 27, 2025 - 03:01:18pm - K:\Year_cad\24\135003-hurl_assembly - Phase 0 - Layout: IR-1.3.dwg
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SYMBOL KEY

| SYMBOL | MANUFACTURER/MODEL |
|---------------|--|
| | RAIN BIRD RD-06-S-F-NP-U8 SERIES |
| | RAIN BIRD RD-06-S-F-NP-U10 SERIES |
| | RAIN BIRD RD-06-S-F-NP-U12 SERIES |
| | RAIN BIRD RD-06-S-F-NP-U15 SERIES |
| | HUNTER PCB-R |
| SYMBOL | MANUFACTURER/MODEL |
| | HUNTER PCZ-101-40 |
| | HUNTER HDL-09-18-R |
| SYMBOL | MANUFACTURER/MODEL |
| | HUNTER ICV-G-DC-R |
| | 3" SHUT OFF VALVE |
| | HUNTER I2C-4800-MICC-PED-SS/EZ-DM |
| | HUNTER EZ-1 |
| | HUNTER HFS-300 |
| | CAP FOR FUTURE USE |
| | POINT OF CONNECTION |
| | IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 (PURPLE) |
| | IRRIGATION MAINLINE: PVC CLASS 200 SDR 21 |
| | PIPE SLEEVE: PVC SCHEDULE 40 |
| | Valve Callout Valve Number Valve GPM Valve Size |

VENICE CROSSING - PHASE 0

PREPARED FOR
2001 LAUREL LLC

CITY OF VENICE
FLORIDA

IRRIGATION PLAN

LICENSED PROFESSIONAL
EDWARD M. DEAN, P.L.A.
FLORIDA LICENSE NUMBER
6667269

KHA PROJECT
248135003

DATE
JULY 2024

SCALE
AS SHOWN

DESIGNED BY
KHA

DRAWN BY
JMH

CHECKED BY
MDD

DATE

REVISIONS

| No. | DATE | BY |
|-----|------|----|
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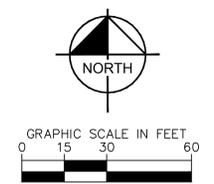
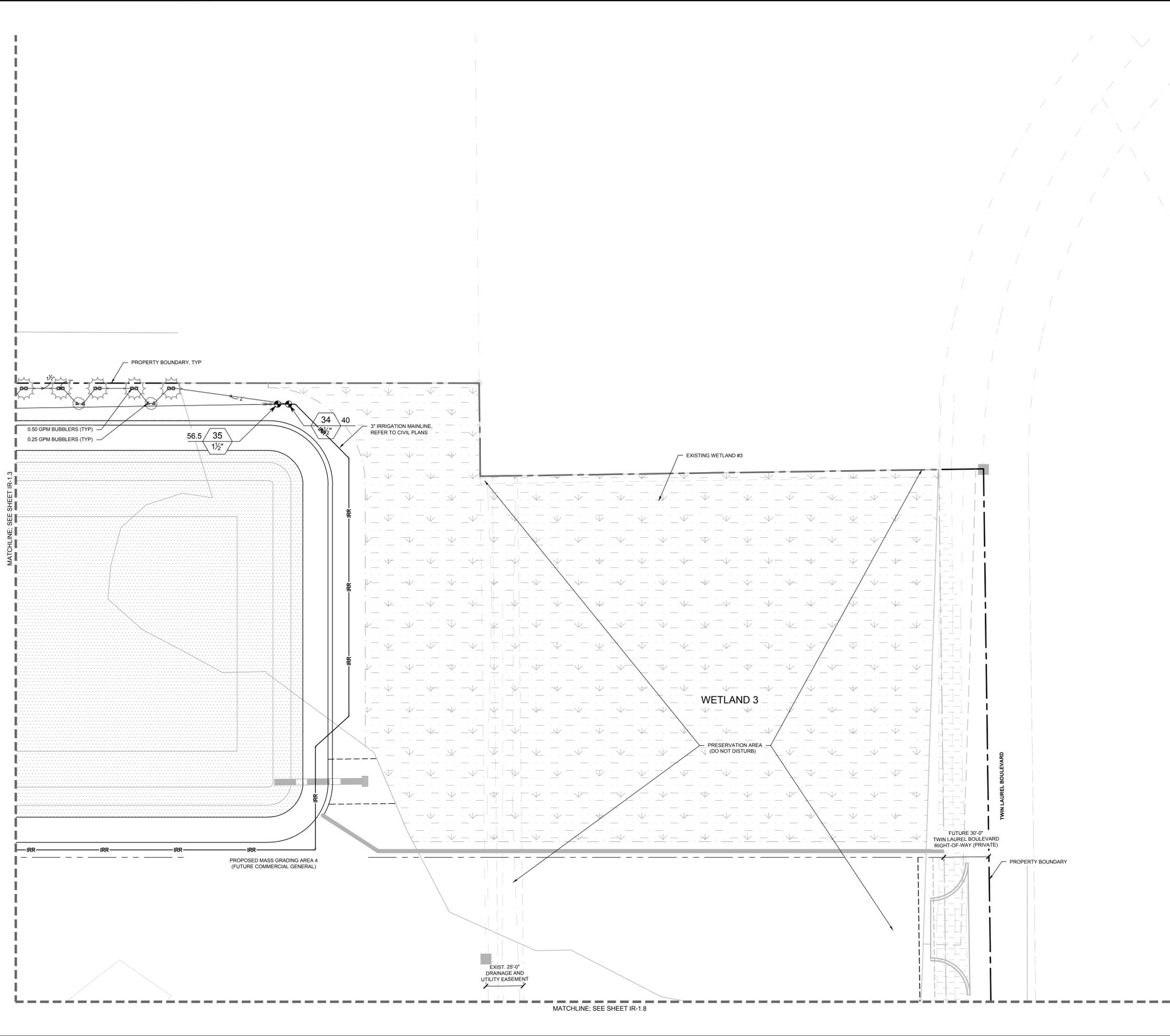
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SHEET NUMBER
IR-1.3

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Plotted By: Chapman, Abigail - Sheet Set: IRR-1.4 - Phase 0 - Layout: IRR-1.4 - March 27, 2025 - 03:01:25pm - K:\user-civil\44835003-hurt_assemble_phase_0\CAD\plantworks\Phase 0\IRR-1 IRRIGATION PLAN.dwg
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SYMBOL KEY

| SYMBOL | MANUFACTURER/MODEL |
|--------|--|
| | RAIN BIRD RD-06-S-F-NP-U 08 SERIES |
| | RAIN BIRD RD-06-S-F-NP-U 10 SERIES |
| | RAIN BIRD RD-06-S-F-NP-U 12 SERIES |
| | RAIN BIRD RD-06-S-F-NP-U 15 SERIES |
| | HUNTER PCB-R |
| | HUNTER PCZ-101-40 |
| | AREA TO RECEIVE DRILINE HUNTER HDL-09-18-R |
| | HUNTER ICV-G-DC-R |
| | 3" SHUT OFF VALVE |
| | HUNTER I2C-4800-MICC-PED-SS/EZ-DM |
| | HUNTER EZ-1 |
| | HUNTER HFS-300 |
| | CAP FOR FUTURE USE |
| | POINT OF CONNECTION |
| | IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 (PURPLE) |
| | IRRIGATION MAINLINE: PVC CLASS 200 SDR 21 |
| | PIPE SLEEVE: PVC SCHEDULE 40 |
| | Valve Callout Valve Number Valve GPM Valve Size |

| No. | REVISIONS | DATE | BY |
|-----|-----------|------|----|
| | | | |

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 REGISTRY NO. 35106

LICENSED PROFESSIONAL
 EDWARD M. DEAN, P.L.A.
 FLORIDA LICENSE NUMBER
 6667269

| | |
|--------------------------|--------------------|
| KHA PROJECT 248135003 | DATE JULY 2024 |
| SCALE AS SHOWN | DESIGNED BY KHA |
| DRAWN BY JMH | CHECKED BY MDD |
| | DATE |

IRRIGATION PLAN

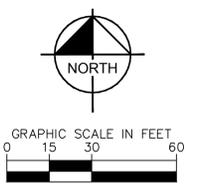
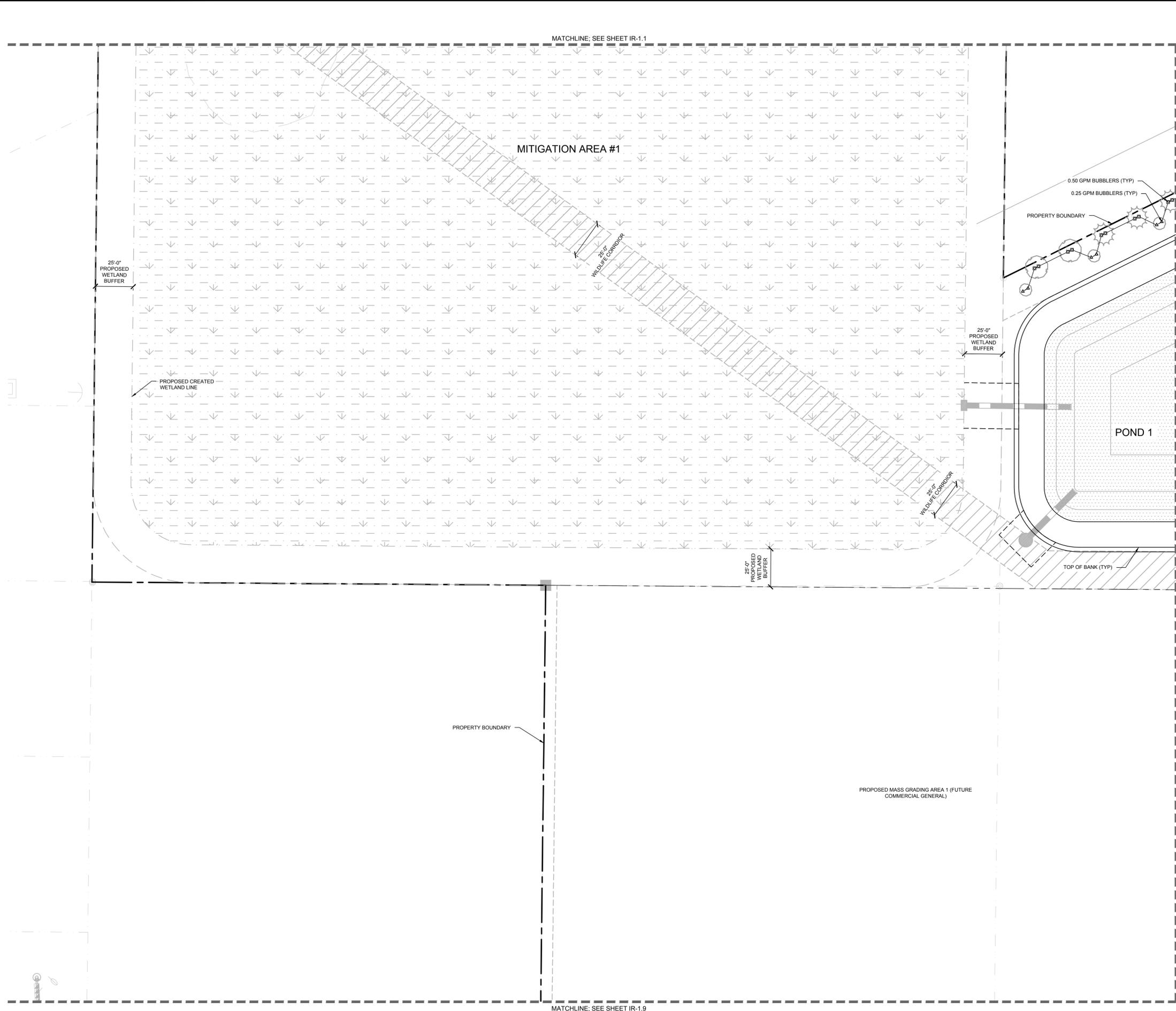
VENICE CROSSING - PHASE 0
 PREPARED FOR
 2001 LAUREL LLC
 CITY OF VENICE
 FLORIDA

SHEET NUMBER
IR-1.4

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SYMBOL KEY

| SYMBOL | MANUFACTURER/MODEL |
|--------|--|
| ○ | RAIN BIRD RD-06-S-F-NP-U 08 SERIES |
| ○ | RAIN BIRD RD-06-S-F-NP-U 10 SERIES |
| ○ | RAIN BIRD RD-06-S-F-NP-U 12 SERIES |
| ○ | RAIN BIRD RD-06-S-F-NP-U 15 SERIES |
| ○ | HUNTER PCB-R |
| ■ | HUNTER PCZ-101-40 |
| ▨ | AREA TO RECEIVE DRIPLINE HUNTER HDL-09-18-R |
| ○ | HUNTER ICV-G-DC-R |
| ⊗ | 3" SHUT OFF VALVE |
| ⊕ | HUNTER I2C-4800-MICC-PED-SS/EZ-DM |
| ⊖ | HUNTER EZ-1 |
| ⊙ | HUNTER HFS-300 |
| □ | CAP FOR FUTURE USE |
| ● | POINT OF CONNECTION |
| — | IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 (PURPLE) |
| --- | IRRIGATION MAINLINE: PVC CLASS 200 SDR 21 |
| --- | PIPE SLEEVE: PVC SCHEDULE 40 |
| ○ | Valve Callout |
| ○ | Valve Number |
| ○ | Valve GPM |
| ○ | Valve Size |

| NO. | REVISIONS | DATE | BY |
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LICENSED PROFESSIONAL
 EDWARD M. DEAN, P.L.A.
 FLORIDA LICENSE NUMBER
 6667269

| | |
|-------------|-----------|
| KHA PROJECT | 248135003 |
| DATE | JULY 2024 |
| SCALE | AS SHOWN |
| DESIGNED BY | KHA |
| DRAWN BY | JMH |
| CHECKED BY | |
| DATE | |

IRRIGATION PLAN

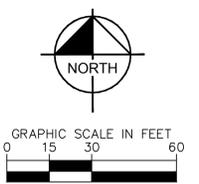
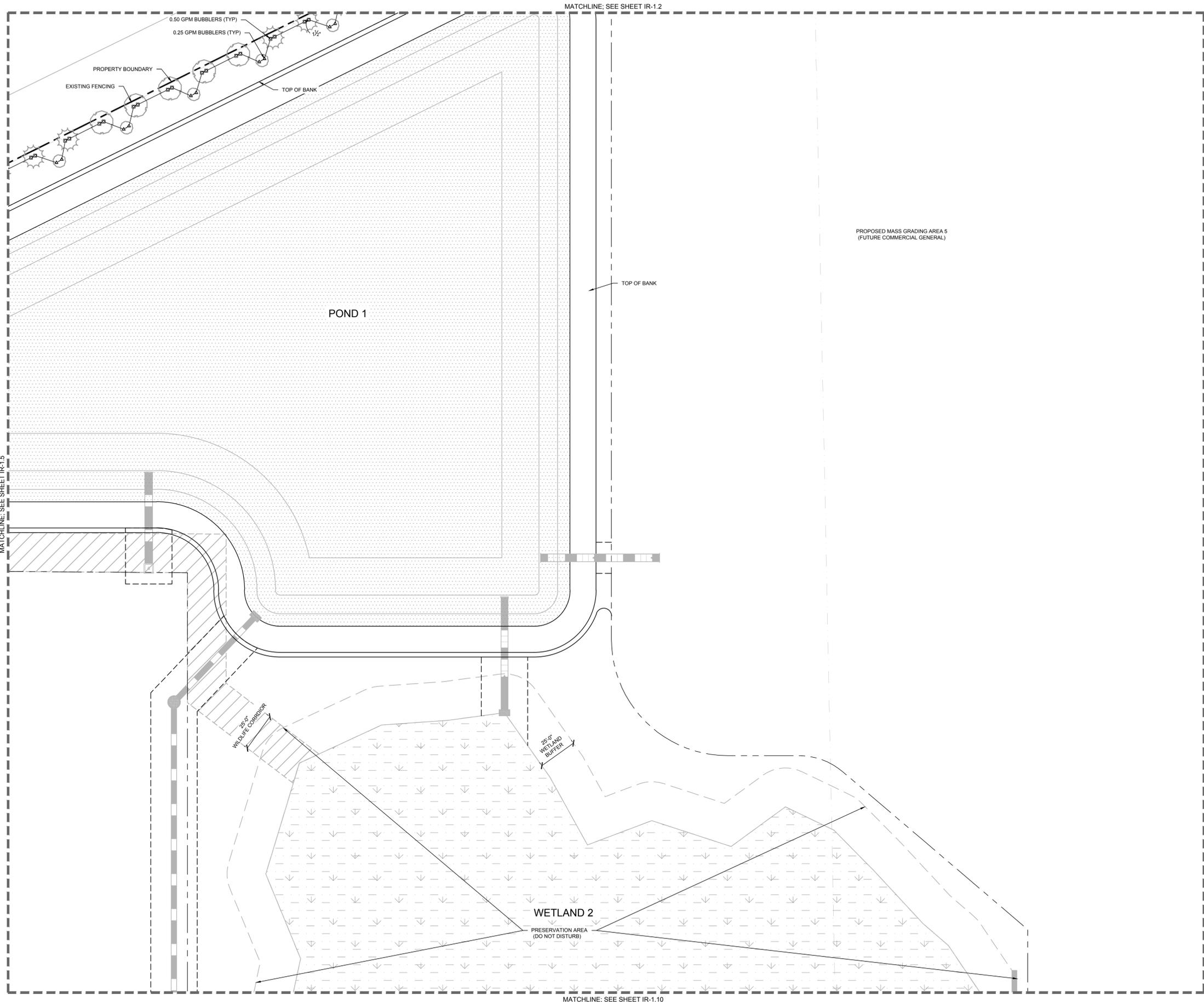
VENICE CROSSING - PHASE 0
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SYMBOL KEY

| SYMBOL | MANUFACTURER/MODEL |
|---------------|--|
| | RAIN BIRD RD-06-S-F-NP-U8 SERIES |
| | RAIN BIRD RD-06-S-F-NP-U10 SERIES |
| | RAIN BIRD RD-06-S-F-NP-U12 SERIES |
| | RAIN BIRD RD-06-S-F-NP-U15 SERIES |
| | HUNTER PCB-R |
| SYMBOL | MANUFACTURER/MODEL |
| | HUNTER PCZ-101-40 |
| | HUNTER HDL-09-18-R |
| | AREA TO RECEIVE DRIPLINE |
| SYMBOL | MANUFACTURER/MODEL |
| | HUNTER ICV-G-DC-R |
| | 3" SHUT OFF VALVE |
| | HUNTER I2C-4800-MICC-PED-SS/EZ-DM |
| | HUNTER EZ-1 |
| | HUNTER HFS-300 |
| | CAP FOR FUTURE USE |
| | POINT OF CONNECTION |
| | IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 (PURPLE) |
| | IRRIGATION MAINLINE: PVC CLASS 200 SDR 21 |
| | PIPE SLEEVE: PVC SCHEDULE 40 |
| | Valve Callout Valve Number Valve GPM Valve Size |

| NO. | REVISIONS | DATE | BY |
|-----|-----------|------|----|
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| LICENSED PROFESSIONAL | EDWARD M. DEAN, P.L.A. |
| KHA PROJECT | 248135003 |
| DATE | JULY 2024 |
| SCALE | AS SHOWN |
| DESIGNED BY | KHA |
| DRAWN BY | JMH |
| CHECKED BY | MDJ |
| DATE | |

IRRIGATION PLAN

VENICE CROSSING - PHASE 0
 PREPARED FOR
 2001 LAUREL LLC
 CITY OF VENICE
 FLORIDA

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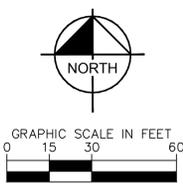
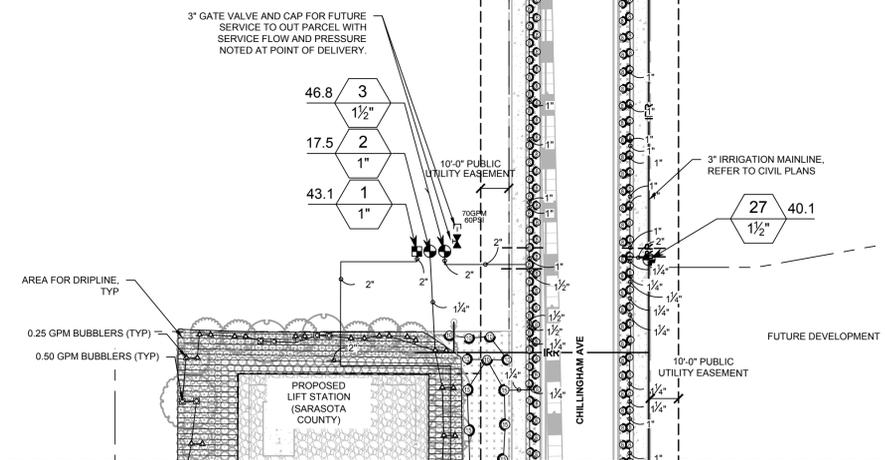
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MATCHLINE: SEE SHEET IR-1.6

MATCHLINE: SEE SHEET IR-1.3

MATCHLINE: SEE SHEET IR-1.11

PROPOSED MASS GRADING AREA 5
(FUTURE COMMERCIAL GENERAL)



SYMBOL KEY

| SYMBOL | MANUFACTURER/MODEL |
|--------|--|
| | RAIN BIRD RD-06-S-F-NP-U8 SERIES |
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| | HUNTER PCB-R |
| | HUNTER PCZ-101-40 |
| | AREA TO RECEIVE DRIPLINE HUNTER HDL-09-18-R |
| | HUNTER ICV-G-DC-R |
| | 3" SHUT OFF VALVE |
| | HUNTER I2C-4800-MICC-PED-SS/EZ-DM |
| | HUNTER EZ-1 |
| | HUNTER HFS-300 |
| | CAP FOR FUTURE USE |
| | POINT OF CONNECTION |
| | IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 (PURPLE) |
| | IRRIGATION MAINLINE: PVC CLASS 200 SDR 21 |
| | PIPE SLEEVE: PVC SCHEDULE 40 |
| | Valve Callout Valve Number Valve GPM Valve Size |

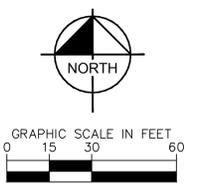
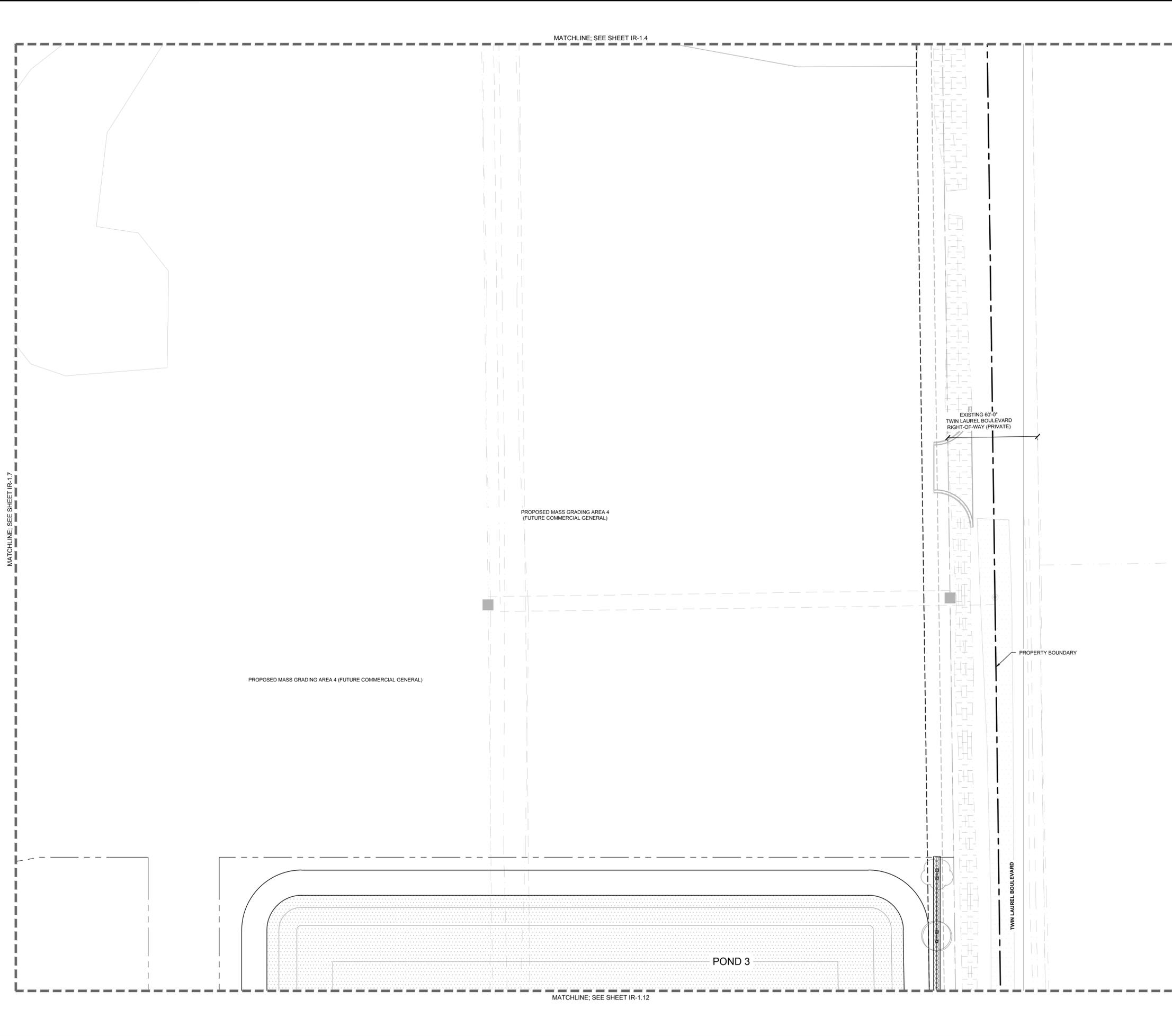
MATCHLINE: SEE SHEET IR-1.8

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| <h1 style="margin: 0;">IRRIGATION PLAN</h1> | <p>VENICE CROSSING - PHASE 0</p> <p>PREPARED FOR 2001 LAUREL LLC</p> <p>CITY OF VENICE FLORIDA</p> | | | | | | | | |
|--|--|------|-----------|------|----|--|--|--|--|
| <p>KHA PROJECT 248135003</p> <p>DATE JULY 2024</p> <p>SCALE - AS SHOWN</p> <p>DESIGNED BY - KHA</p> <p>DRAWN BY - JMH</p> <p>CHECKED BY - NDD</p> <p>DATE: _____</p> | <p>LICENSED PROFESSIONAL</p> <p>Edward M. Dean, P.E.</p> <p>EDWARD M. DEAN, P.E.</p> <p>FLORIDA LICENSE NUMBER 6667269</p> | | | | | | | | |
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| No. | REVISIONS | DATE | BY | | | | | | |
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SYMBOL KEY

| SYMBOL | MANUFACTURER/MODEL |
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| | RAIN BIRD RD-06-S-F-NP-U12 SERIES |
| | RAIN BIRD RD-06-S-F-NP-U15 SERIES |
| | HUNTER PCB-R |
| | HUNTER PCZ-101-40 |
| | AREA TO RECEIVE DRIPLINE HUNTER HDL-09-18-R |
| | HUNTER ICV-G-DC-R |
| | 3" SHUT OFF VALVE |
| | HUNTER I2C-4800-MICC-PED-SS/EZ-DM |
| | HUNTER EZ-1 |
| | HUNTER HFS-300 |
| | CAP FOR FUTURE USE |
| | POINT OF CONNECTION |
| | IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 (PURPLE) |
| | IRRIGATION MAINLINE: PVC CLASS 200 SDR 21 |
| | PIPE SLEEVE: PVC SCHEDULE 40 |
| | Valve Callout Valve Number Valve GPM Valve Size |

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| LICENSED PROFESSIONAL | EDWARD M. DEAN, P.L.A. |
| KHA PROJECT | 248135003 |
| DATE | JULY 2024 |
| SCALE | AS SHOWN |
| DESIGNED BY | KHA |
| DRAWN BY | JMH |
| CHECKED BY | MDJ |
| DATE | |
| FLORIDA LICENSE NUMBER | 6667269 |

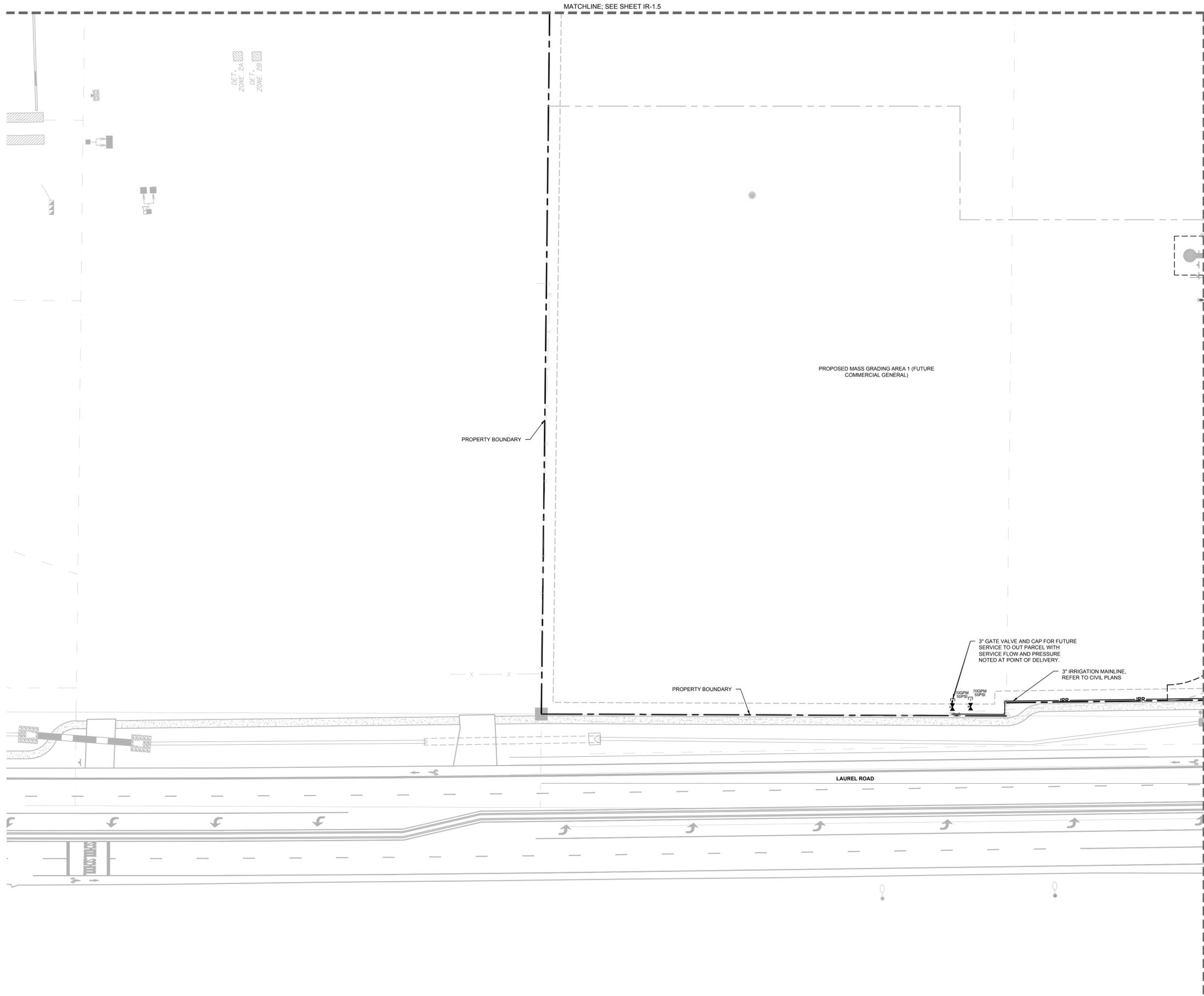
IRRIGATION PLAN

VENICE CROSSING - PHASE 0
 PREPARED FOR
 2001 LAUREL LLC
 CITY OF VENICE
 FLORIDA

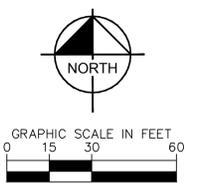
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DET. ZONE 2A
 DET. ZONE 2B



| SYMBOL | MANUFACTURER/MODEL |
|--------|--|
| | RAIN BIRD RD-06-S-F-NP-U8 SERIES |
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| | HUNTER PCZ-101-40 |
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| | HUNTER EZ-1 |
| | HUNTER HFS-300 |
| | CAP FOR FUTURE USE |
| | POINT OF CONNECTION |
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| | IRRIGATION MAINLINE: PVC CLASS 200 SDR 21 |
| | PIPE SLEEVE: PVC SCHEDULE 40 |
| | Valve Callout |
| | Valve Number |
| | Valve GPM |
| | Valve Size |

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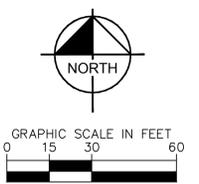
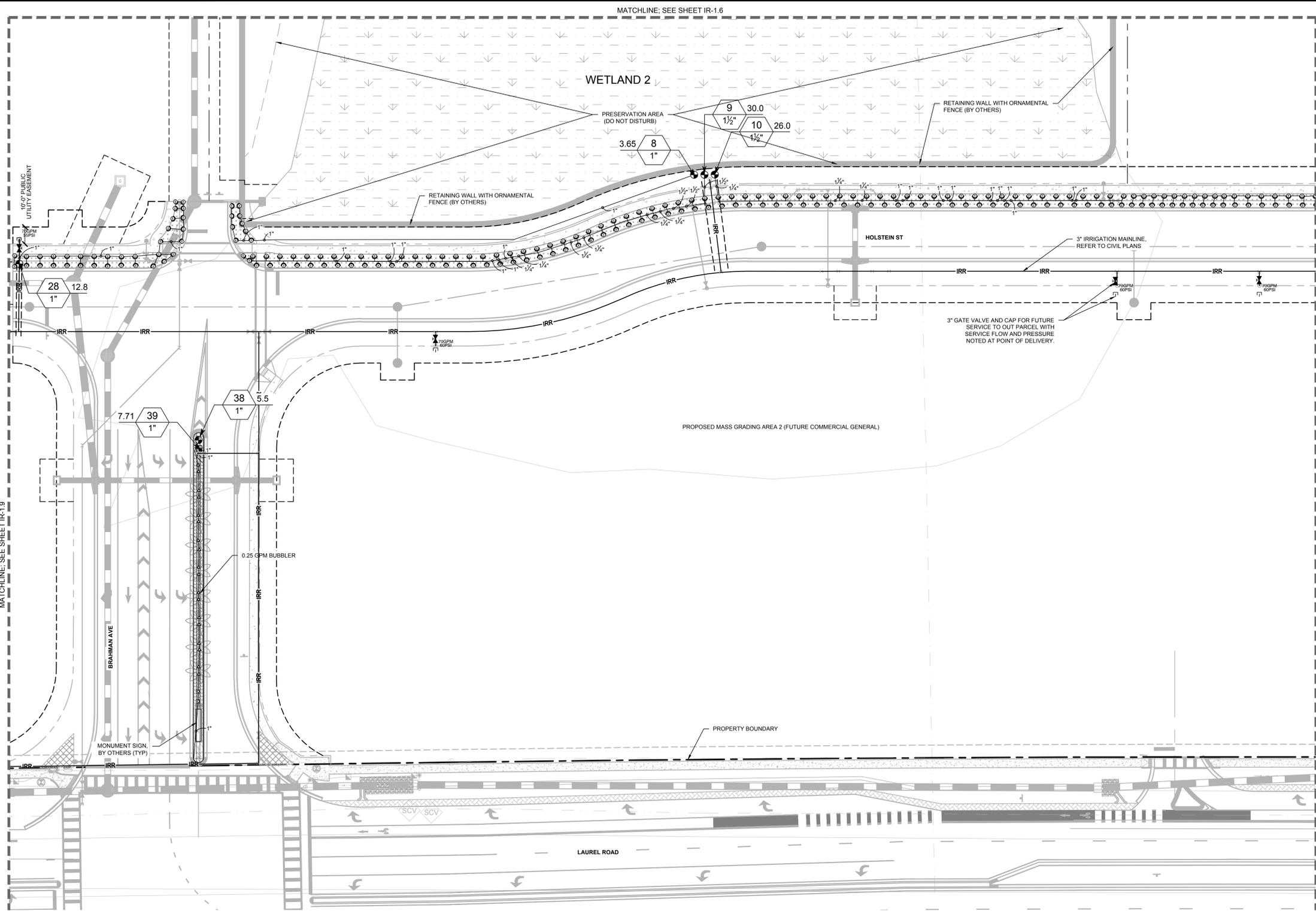
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| <p style="font-size: 8px; margin: 0;"> KHA PROJECT 248135003 </p> | <p style="font-size: 8px; margin: 0;"> DATE JULY 2024 </p> |
| <p style="font-size: 8px; margin: 0;"> SCALE AS SHOWN </p> | <p style="font-size: 8px; margin: 0;"> DESIGNED BY KHA DRAWN BY JMH </p> |
| <p style="font-size: 8px; margin: 0;"> CHECKED BY MDD DATE: </p> | <p style="font-size: 8px; margin: 0;"> REVISIONS No. DATE BY </p> |

IRRIGATION PLAN

| | |
|--|---|
| <p style="font-size: 8px; margin: 0;"> VENICE CROSSING - PHASE 0 PREPARED FOR 2001 LAUREL LLC </p> | <p style="font-size: 8px; margin: 0;"> FLORIDA CITY OF VENICE </p> |
| <p style="font-size: 8px; margin: 0;"> SHEET NUMBER IR-1.9 </p> | |

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| SYMBOL | MANUFACTURER/MODEL |
| | HUNTER PC2-101-40 |
| | AREA TO RECEIVE DRILINE HUNTER HDL-09-18-R |
| SYMBOL | MANUFACTURER/MODEL |
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| NO. | REVISIONS | DATE | BY |
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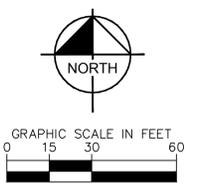
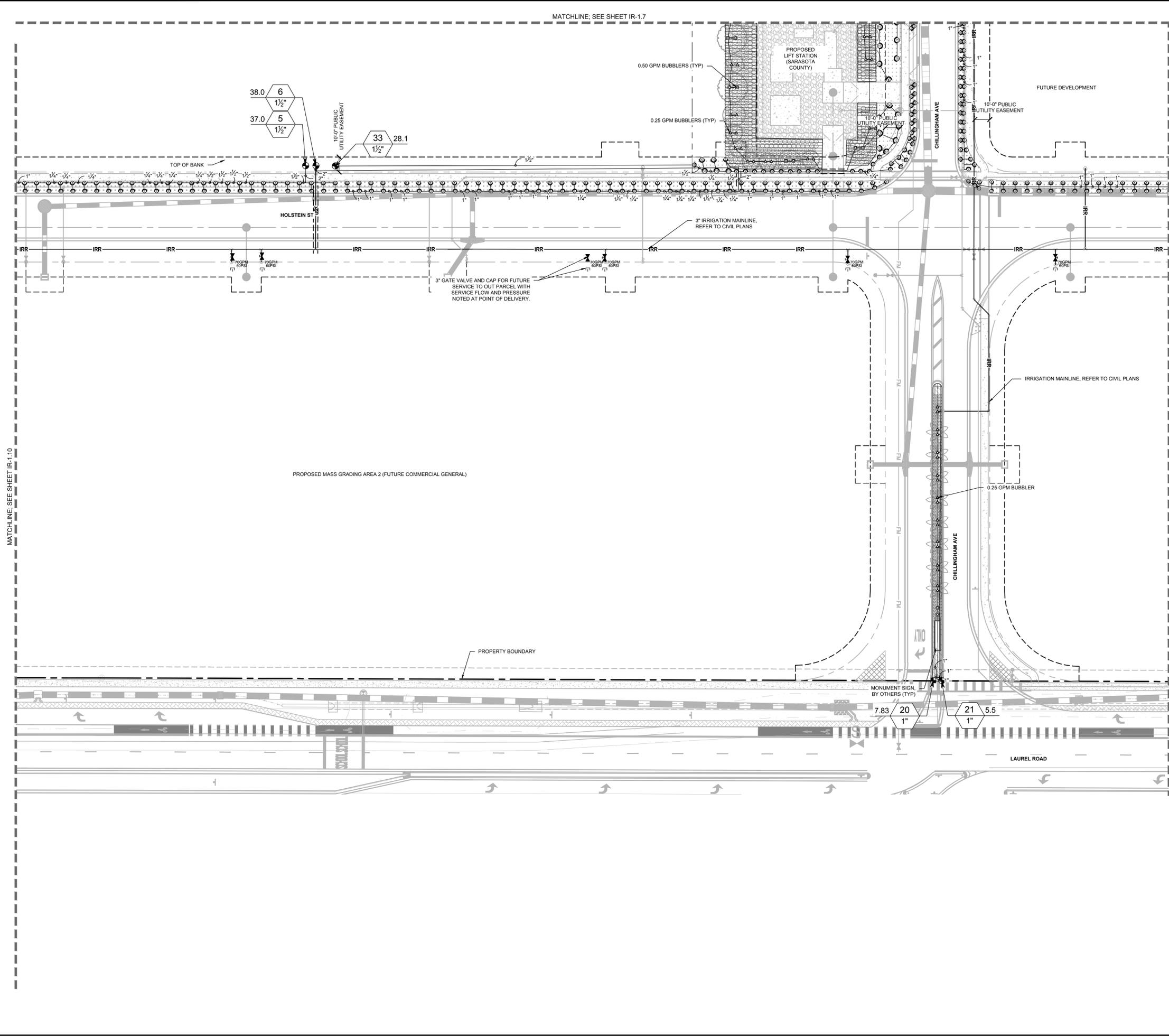
LICENSED PROFESSIONAL
 EDWARD M. DEAN, P.L.A.
 FLORIDA LICENSE NUMBER 6667269

IRRIGATION PLAN

VENICE CROSSING - PHASE 0
 PREPARED FOR
 2001 LAUREL LLC
 CITY OF VENICE
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| | Valve Callout Valve Number Valve GPM Valve Size |

VENICE CROSSING - PHASE 0

PREPARED FOR
2001 LAUREL LLC

CITY OF VENICE

IRRIGATION PLAN

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FLORIDA

SHEET NUMBER
IR-1.11

LICENSED PROFESSIONAL

EDWARD M. DEAN, P.L.A.

DESIGNED BY: KHA
DRAWN BY: JMH

FLORIDA LICENSE NUMBER: 6667269

KHA PROJECT: 248135003

DATE: JULY 2024

SCALE: AS SHOWN

CHECKED BY: MDD

Kimley-Horn

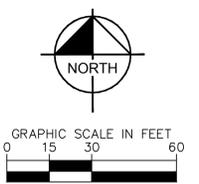
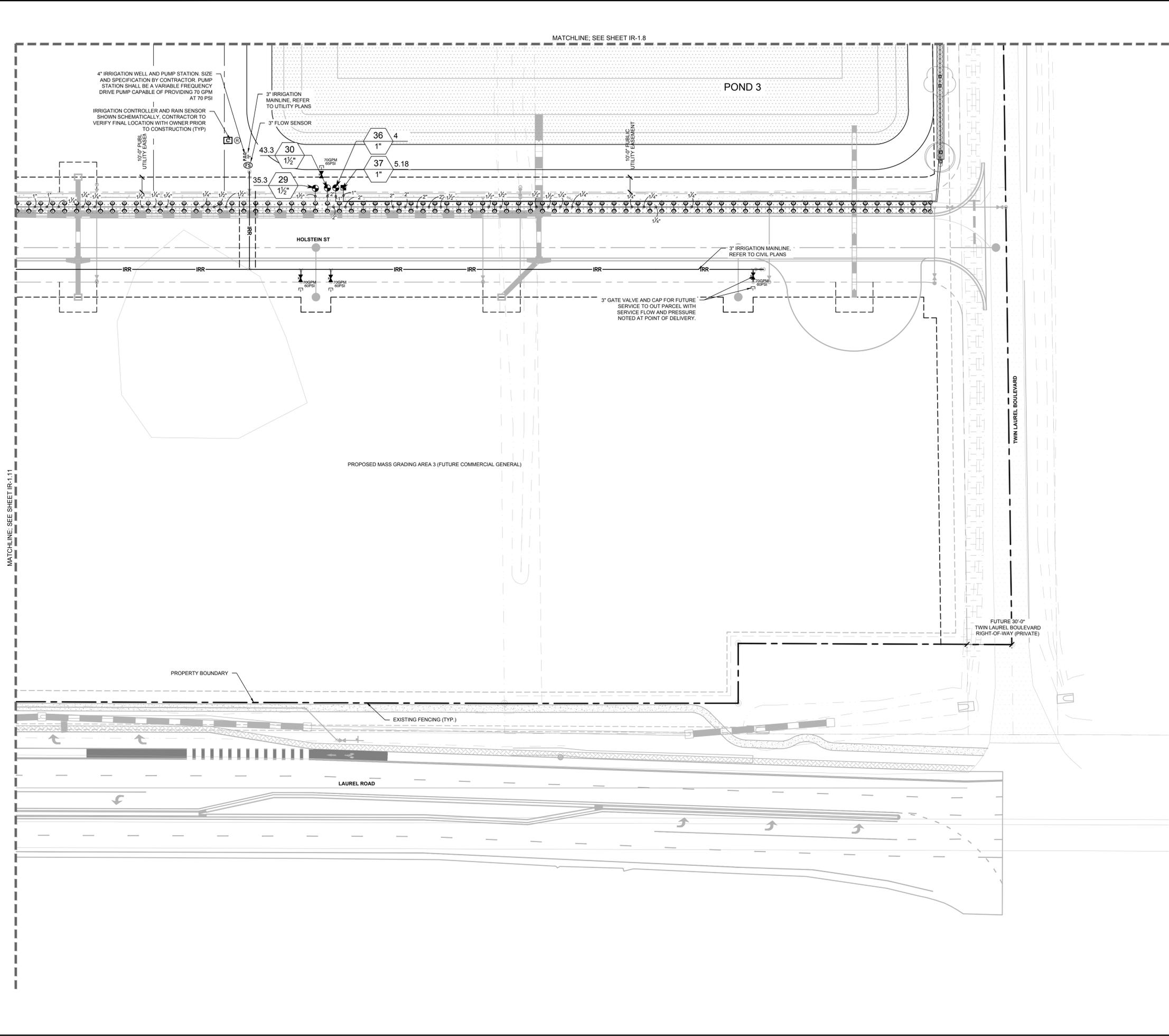
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| No. | DATE | BY |
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SYMBOL KEY

| SYMBOL | MANUFACTURER/MODEL |
|--------|--|
| | RAIN BIRD RD-06-S-F-NP-U8 SERIES |
| | RAIN BIRD RD-06-S-F-NP-U10 SERIES |
| | RAIN BIRD RD-06-S-F-NP-U12 SERIES |
| | RAIN BIRD RD-06-S-F-NP-U15 SERIES |
| | HUNTER PCB-R |
| | HUNTER PC2-101-40 |
| | AREA TO RECEIVE DRIPLINE HUNTER HDL-09-18-R |
| | HUNTER ICV-G-DC-R |
| | 3" SHUT OFF VALVE |
| | HUNTER I2C-4800-MICC-PED-SS/EZ-DM |
| | HUNTER EZ-1 |
| | HUNTER HFS-300 |
| | CAP FOR FUTURE USE |
| | POINT OF CONNECTION |
| | IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 (PURPLE) |
| | IRRIGATION MAINLINE: PVC CLASS 200 SDR 21 |
| | PIPE SLEEVE: PVC SCHEDULE 40 |
| | Valve Callout Valve Number Valve GPM Valve Size |

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LICENSED PROFESSIONAL

EDWARD M. DEAN, P.L.A.
FLORIDA LICENSE NUMBER 6667269

KHA PROJECT 248135003

DATE JULY 2024

SCALE AS SHOWN

DESIGNED BY KHA

DRAWN BY JMH

CHECKED BY NDD

IRRIGATION PLAN

VENICE CROSSING - PHASE 0

PREPARED FOR 2001 LAUREL LLC

CITY OF VENICE

FLORIDA

SHEET NUMBER **IR-1.12**

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SUNSHINE STATE ONE CALL OF FLORIDA, INC.

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IRRIGATION SPECIFICATIONS

1. SCOPE OF WORK

- THE WORK CONSISTS OF: FURNISHING ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, TRANSPORTATION, AND ANY OTHER APPURTENANCES NECESSARY FOR THE COMPLETION OF THIS PROJECT AS SHOWN ON THESE PLANS.
- INSTALL THE IRRIGATION SYSTEM TO PROVIDE 100% UNIFORM COVERAGE INCLUDING ANY CHANGES MADE IN THE LAYOUT DUE TO FIELD CONDITIONS. ALL FIELD CHANGES SHALL BE IN ACCORDANCE WITH THESE PLANS. ANY SYSTEMS THAT REQUIRE FIELD ADJUSTMENT TO PROVIDE FULL AND UNIFORM COVERAGE SHALL BE MADE PRIOR TO FINAL ACCEPTANCE AT THE DIRECTION OF THE OWNER'S REPRESENTATIVE AT NO ADDITIONAL COST.
- SECURE ANY AND ALL NECESSARY PERMITS FOR THE WORK PRIOR TO COMMENCEMENT OF OPERATIONS ON-SITE. SEND COPIES OF THE PERMITS TO THE OWNER'S REPRESENTATIVE. FOR WORK LOCATED IN THE R.O.W., CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE AGENCY HAVING JURISDICTION.
- WORK SHALL BE COORDINATED WITH OTHER TRADES TO PREVENT CONFLICTS.

2. PROTECTION OF EXISTING AND PROPOSED SITE ELEMENTS

- ALL EXISTING SITE ITEMS, ALREADY COMPLETED OR ESTABLISHED AND DESIGNATED TO REMAIN SHALL BE PROTECTED FROM DAMAGE BY THE CONTRACTOR UNLESS OTHERWISE SPECIFIED. ALL DAMAGE RESULTING FROM THE CONTRACTOR'S WORK SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER, AT NO COST TO THE OWNER.
- MAINTAIN ALL NECESSARY BMP DEVICES THROUGHOUT THE DURATION OF ALL CONSTRUCTION ACTIVITIES.
- WHERE APPLICABLE, SUBMIT A DETAILED PROJECT SPECIFIC WORK ZONE TRAFFIC CONTROL PLAN IN ACCORDANCE WITH THE APPROPRIATE REGULATORY AGENCY STANDARDS UNLESS THE WORK REQUIRES NOTHING MORE THAN A DIRECT APPLICATION OF FDOT STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION, INDEX 102-600.
- LOCATE ALL UTILITIES, WHETHER PUBLIC OR PRIVATE, PRIOR TO CONSTRUCTION ACTIVITIES. THE INFORMATION AND DATA SHOWN WITH RESPECT TO UTILITIES IS APPROXIMATE. THE OWNER AND DESIGN PROFESSIONAL SHALL NOT BE RESPONSIBLE FOR THE ACCURACY AND COMPLETENESS OF ANY SUCH INFORMATION OR DATA. THE CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR REVIEWING AND CHECKING ALL SUCH INFORMATION AND DATA. LOCATING ALL UTILITIES PRIOR TO CONSTRUCTION, THE SAFETY AND PROTECTION THEREOF, AND REPAIRING ANY DAMAGE RESULTING FROM THE WORK, THE COST OF ALL WILL BE CONSIDERED AS HAVING BEEN INCLUDED IN THE CONTRACT PRICE. NOTIFY ANY AFFECTED UTILITY COMPANIES OR AGENCIES IN WRITING AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION. NOTIFY THE LANDSCAPE ARCHITECT IN WRITING WHEN ANY CONFLICT BETWEEN UTILITIES AND THESE PLANS EXIST PRIOR TO INSTALLATION.

3. SUBMITTALS

- SUBMIT FULL AND COMPLETE SHOP DRAWINGS OF ALL IRRIGATION EQUIPMENT AS SHOWN ON THESE PLANS TO OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO INSTALLATION.
- SUBMIT PRODUCT DATA SHEETS FOR ALL IRRIGATION EQUIPMENT TO BE INSTALLED TO OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO INSTALLATION. THE IRRIGATION SYSTEM, AS SHOWN ON THESE PLANS, HAS BEEN DESIGNED AND CALCULATED WITH THE EQUIPMENT AS SPECIFIED. SUBMIT ANY REQUEST FOR PRODUCT SUBSTITUTION(S) IN WRITING. IF APPROVED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY NECESSARY MODIFICATION(S) AS A RESULT OF PRODUCT SUBSTITUTIONS TO THE IRRIGATION SYSTEM IN THE SHOP DRAWINGS TO MEET THE DESIGN INTENT OF THESE PLANS.

4. EQUIPMENT LIST

- ALL QUANTITIES ARE PROVIDED FOR CONVENIENCE ONLY. CONFIRM ALL QUANTITIES PER PLAN PRIOR TO BIDDING AND CONSTRUCTION.

5. POINT OF CONNECTION

- FIELD VERIFY ALL POINT OF CONNECTION SOURCE INFORMATION INCLUDING STATIC PSI AND GPM AVAILABLE PRIOR TO CONSTRUCTION. NOTIFY OWNER'S REPRESENTATIVE IN WRITING IF DISCREPANCIES BETWEEN THE FLOW AND PRESSURE AS LISTED IN THE CRITICAL ANALYSIS AND THE FIELD CONDITIONS EXIST.
- COORDINATE INSTALLATION OF ANY METERS AND BACKFLOW ASSEMBLIES WITH THE AGENCY HAVING JURISDICTION AND OWNER'S REPRESENTATIVE.

6. MAINLINE INSTALLATION

- INSTALL ALL MAINLINES AND LATERALS UNDER PAVEMENT WITH SLEEVES, WHERE VALVE CONTROL LINES PASS THROUGH A SLEEVE WITH OTHER MAIN OR LATERAL LINES, CONTAIN WIRES WITHIN A SEPARATE, SMALLER CONDUIT.
- INSTALL COLOR CODED METAL DETECTABLE MARKING TAPE WHICH CLEARLY NOTES: "CAUTION: IRRIGATION LINE BURIED BELOW" ABOVE THE FULL LENGTH OF THE IRRIGATION MAINLINE.
- WHERE MAINLINE RUNS PARALLEL TO PAVEMENT OR CURBING, OFFSET THE MAINLINE 24" FROM THE EDGE OF PAVEMENT OR CURB.
- PERFORM HYDROSTATIC PRESSURE TESTING AS FOLLOWS:
 - AFTER FLUSHING, AND THE INSTALLATION OF VALVES CONDUCT THE FOLLOWING TESTS IN THE SEQUENCE LISTED BELOW. FURNISH ALL EQUIPMENT, MATERIALS AND LABOR NECESSARY TO PERFORM THE TESTS. CONDUCT ALL TESTS IN THE PRESENCE OF THE OWNER'S REPRESENTATIVE. NOTIFY THE OWNER'S REPRESENTATIVE FORTY-EIGHT (48) HOURS IN ADVANCE OF TESTING.
 - PERFORM WATER PRESSURE TESTS ON ALL PRESSURE MAIN LINES BEFORE ANY COUPLINGS, FITTINGS, VALVES AND THE LIKE ARE CONCEALED.
 - IMMEDIATELY PRIOR TO TESTING, PURGE ALL IRRIGATION LINES OF ALL ENTRAPPED AIR OR DEBRIS BY ADJUSTING CONTROL VALVES AND INSTALLING TEMPORARY CAPS FORCING WATER AND DEBRIS TO BE DISCHARGED FROM A SINGLE OUTLET.
 - TEST ALL PRESSURE MAIN LINE AT 150 PSI FOR A MINIMUM OF FOUR (4) HOURS WITH AN ALLOWABLE LOSS OF 5 PSI. PRESSURE AND GAUGES SHALL BE READ IN PSI, AND CALIBRATED SUCH THAT ACCURATE DETERMINATION OF POTENTIAL PRESSURE LOSS CAN BE ASCERTAINED.
 - RE-TEST AS REQUIRED UNTIL THE SYSTEM MEETS THE REQUIREMENTS. REPAIR ANY LEAKS, WHICH OCCUR DURING TEST PERIOD, IMMEDIATELY FOLLOWING THE TEST.
 - PROVIDE DOCUMENTATION STATING THE WEATHER CONDITIONS, DATE, THE START TIME AND INITIAL WATER PRESSURE READINGS, THE FINISH TIME AND FINAL WATER PRESSURE READINGS AND THE TYPE OF EQUIPMENT USED TO PERFORM THE TEST. THE DOCUMENTATION MUST BE SIGNED BY A WITNESS ACCEPTABLE TO THE OWNER, VERIFYING ALL OF THE ABOVE-MENTIONED CONDITIONS.
 - SUBMIT A WRITTEN REPORT OF THE PRESSURE TESTING RESULTS WITH THE OTHER ABOVE REQUIRED INFORMATION TO THE OWNER'S REPRESENTATIVE FOR APPROVAL.

7. IRRIGATION VALVES AND WIRING

- LOCATE ALL VALVES, SPLICES WITHIN CONTROL LINES, QUICK COUPLERS, AND HOSE BIBBS WITHIN VALVE BOXES. PROVIDE PURPLE VALVE BOX LIDS FOR SYSTEMS UTILIZING A NON-POTABLE WATER SOURCE.
- NUMBER THE TOP OF ALL VALVE BOX LIDS WITH MINIMUM 1" HEIGHT BLACK LETTERS TO CORRESPOND TO THE VALVE DESIGNATIONS.
- WHEN POSSIBLE, LOCATE ALL VALVES IN PLANTING BEDS A MINIMUM OF 24" FROM BACK OF CURB OR EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED.
- SEPARATE IRRIGATION ZONES FOR HIGH AND LOW WATER USE REQUIREMENTS AND OPERATED ON DIFFERENT WATERING CYCLES. AT NO TIME SHALL MULTIPLE IRRIGATION HEAD TYPES BE LOCATED ON THE SAME VALVE UNLESS NOTED OTHERWISE.
- INSTALL ALL DRIP ZONES WITH A FLUSH VALVE AND AIR RELIEF VALVE. IN THE EVENT THAT A DRIP ZONE HAS MORE THAN ONE HIGH OR LOW POINT, MORE THAN ONE AIR RELIEF VALVE OR FLUSH VALVE WILL BE REQUIRED FOR THAT ZONE.
- FOLLOW MANUFACTURER'S SPECIFICATIONS FOR ALL WIRING FOR CONNECTION OF THE VALVES TO THE CONTROLLER. ALL WIRE RUNS SHALL BE CONTINUOUS WITH SPLICES OCCURRING IN VALVE BOXES ONLY. WIRE CONNECTIONS SHALL BE MADE USING DBRY-6 CONNECTIONS OR APPROVED EQUAL.
- INSTALL VALVE CONTROL WIRING IN THE SAME TRENCH AS THE MAINLINE WHERE PRACTICAL.

- FOR NON TWO-WIRE SYSTEMS, RUN TWO (2) SPARE VALVE CONTROL WIRES FROM THE CONTROLLER ALONG THE ENTIRE MAINLINE TO LAST REMOTE CONTROLLED VALVE ON EACH AND EVERY LEG OF MAINLINE.

8. PIPES AND SLEEVING

- DO NOT INSTALL IRRIGATION SYSTEM THROUGH PRESERVED PLANT COMMUNITIES, DRIPLINE OF EXISTING TREES, OR WITHIN WETLANDS UNLESS SPECIFICALLY NOTED OTHERWISE.
- LOCATE ALL IRRIGATION LINES WITHIN LANDSCAPED AREAS WHENEVER POSSIBLE. ALL LINES UNDER PAVEMENT MUST BE SLEEVED.
- SIZE ALL PIPE SLEEVES TWO PIPE SIZES GREATER THAN THE PIPE / CUMULATIVE SUM OF THE PIPES IT CARRIES.
- SLEEVES UNDER EXISTING PAVEMENT MUST BE DIRECTIONAL BORE UNLESS APPROVED BY OWNER IN WRITING.
- SOLVENT CEMENTS SHALL COMPLY WITH ASTM D2564.

9. CONTROLLER AND SENSORS

- COORDINATE WITH OWNER'S REPRESENTATIVE FOR FINAL CONTROLLER AND RAIN SENSOR LOCATIONS. THE CONTROLLER SHALL BE PLACED IN A LOCKING CABINET APPROPRIATE FOR ITS LOCATION. (INDOOR VS. OUTDOOR USE)
- LOCATE THE AUTOMATIC RAIN SENSOR SHUTOFF DEVICE IN AN AREA THAT IS UNOBSTRUCTED BY TREES, ROOF OVERHANGS, OR ANY OTHER OVERHEAD OBJECT. THE SENSOR SHALL NOT BE PLACED WITHIN THE SPRAY ZONE OF ANY SPRINKLER HEAD, INCLUDING OFF-SITE IRRIGATION. CONTRACTOR SHALL LOCATE SENSOR WITHIN CLOSE PROXIMITY TO THE IRRIGATION CONTROLLER.

10. CLEANUP

- UPON COMPLETION OF ALL WORK AND BEFORE FINAL ACCEPTANCE, REMOVE ALL MATERIAL, EQUIPMENT, AND DEBRIS RESULTING FROM HIS WORK. ALL PAVED AREAS SHALL BE CLEANED AND THE SITE LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER'S REPRESENTATIVE.

11. AS-BUILT IRRIGATION PLANS

- PROVIDE "AS-BUILT" DRAWINGS OF THE FINAL INSTALLATION TO OWNER'S REPRESENTATIVE PRIOR TO FINAL ACCEPTANCE OF WORK. INCLUDE THE FOLLOWING ON THE AS-BUILT DRAWINGS AT A MINIMUM:
 - CONTROLLER LOCATION
 - CONNECTION ASSEMBLY
 - MAINLINE ROUTING
 - PIPE SLEEVING
 - VALVE(S)
 - COLORIZED ZONING DIAGRAM
- LOCATE ALL SLEEVES UTILIZED BY THE IRRIGATION CONTRACTOR WHETHER INSTALLED BY THE IRRIGATION CONTRACTOR OR NOT ON THE "AS-BUILT" DRAWINGS. THE DEPTH BELOW FINISH GRADE, TO THE NEAREST FOOT OF EACH END OF THE SLEEVE SHALL BE NOTED AT EACH SLEEVE LOCATION ON THE "AS-BUILT" DRAWINGS.

12. FINAL INSPECTION AND ACCEPTANCE OF WORK

- MINIMIZE IRRIGATION OVERTHROW TO IMPERVIOUS AND NATURAL AREAS THROUGH FIELD ADJUSTMENTS TO INDIVIDUAL HEADS.
- PROGRAM CONTROLLER TO IRRIGATE ALL ZONES WITHIN APPLICABLE WATERING WINDOWS AND PROVIDE WATERING SCHEDULE TO OWNER'S REPRESENTATIVE.
- EQUIPMENT TO BE FURNISHED TO OWNER PRIOR TO ACCEPTANCE OF WORK:
 - TWO (2) SETS OF KEYS FOR EACH AUTOMATIC CONTROLLER.
 - TWO (2) 48 INCH TEE WRENCHES FOR OPERATING GATE VALVES (WHEN INSTALLED AS PART OF WORK).
 - THREE (3) SETS OF SPECIAL TOOLS REQUIRED FOR REMOVING, DISASSEMBLING AND ADJUSTING EACH TYPE OF SPRINKLER AND VALVE SUPPLIED ON THIS PROJECT.
 - FIVE (5) EXTRA SPRINKLER HEADS, NOZZLES, SHRUB ADAPTERS, NOZZLE FILTER SCREENS, FOR EACH TYPE USED ON THE PROJECT.
 - TWO (2) QUICK COUPLER KEYS TO MATCH MANUFACTURER TYPE OF QUICK COUPLER.
- UPON COMPLETION OF ALL WORK, A FINAL INSPECTION SHALL BE PERFORMED BY THE OWNER AND/OR OWNER'S REPRESENTATIVE. THE IRRIGATION SYSTEM, CONSTRUCTION AND ALL OTHER INCIDENTAL WORK PERTAINING TO THIS CONTRACT SHALL BE INSPECTED FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS. ANY ITEMS FOUND TO NOT BE IN COMPLIANCE SHALL BE CORRECTED AT NO COST TO THE OWNER.

13. WARRANTY

- THE CONTRACTOR SHALL WARRANT ALL WORKMANSHIP AND MATERIALS FOR A PERIOD OF 1 YEAR FOLLOWING THE ACCEPTANCE OF THE WORK.
- ANY PART OF THE IRRIGATION WORK THAT FAILS OR IS DEFECTIVE SHALL BE REPLACED OR RECONSTRUCTED AT NO COST TO THE OWNER INCLUDING BUT NOT LIMITED TO: RESTORING GRADES THAT HAVE SETTLED IN TRENCHES AND EXCAVATIONS RELATED TO THE WORK. RECONSTRUCTION SHALL INCLUDE ANY PLANTINGS, SOIL, MULCH OR OTHER PARTS OF THE CONSTRUCTED LANDSCAPE THAT MAY BE DAMAGED DURING THE REPAIR OR THAT RESULTS FROM SOIL SETTLEMENT.
- THE DATE OF ACCEPTANCE OF THE WORK AND START OF THE GUARANTEE PERIOD SHALL BE DETERMINED BY THE OWNER. UPON THE FINDING THAT THE ENTIRE IRRIGATION SYSTEM IS INSTALLED AS DESIGNED AND SPECIFIED, AND FOUND TO BE OPERATING CORRECTLY, SUPPLYING WATER EVENLY TO ALL PLANTING AND/OR LAWN AREAS.
- NEITHER THE FINAL ACCEPTANCE NOR ANY PROVISION IN THE CONTRACT DOCUMENTS SHALL RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR FAULTY MATERIALS OR WORKMANSHIP. REMEDY ANY DEFECTS WITHIN A PERIOD OF 7 DAYS (5) FROM THE DATE OF NOTIFICATION OF A DEFECT.

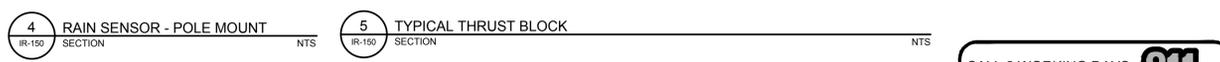
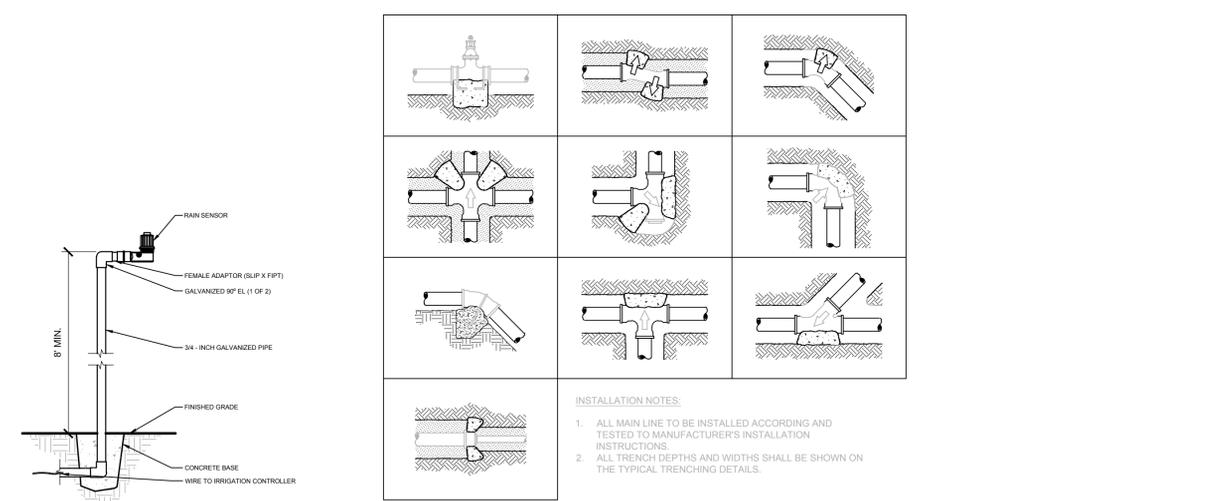
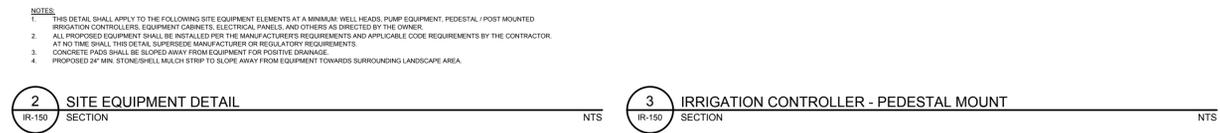
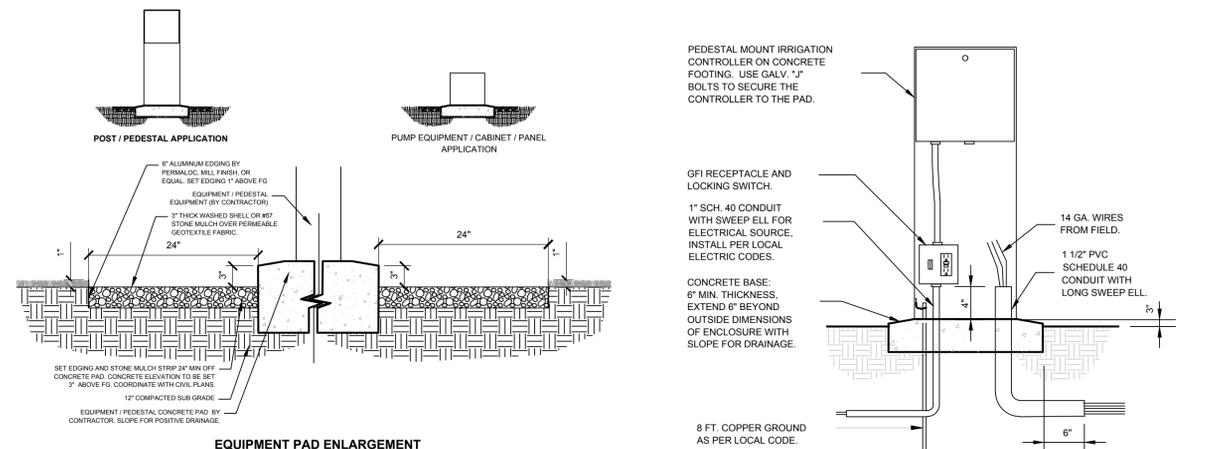
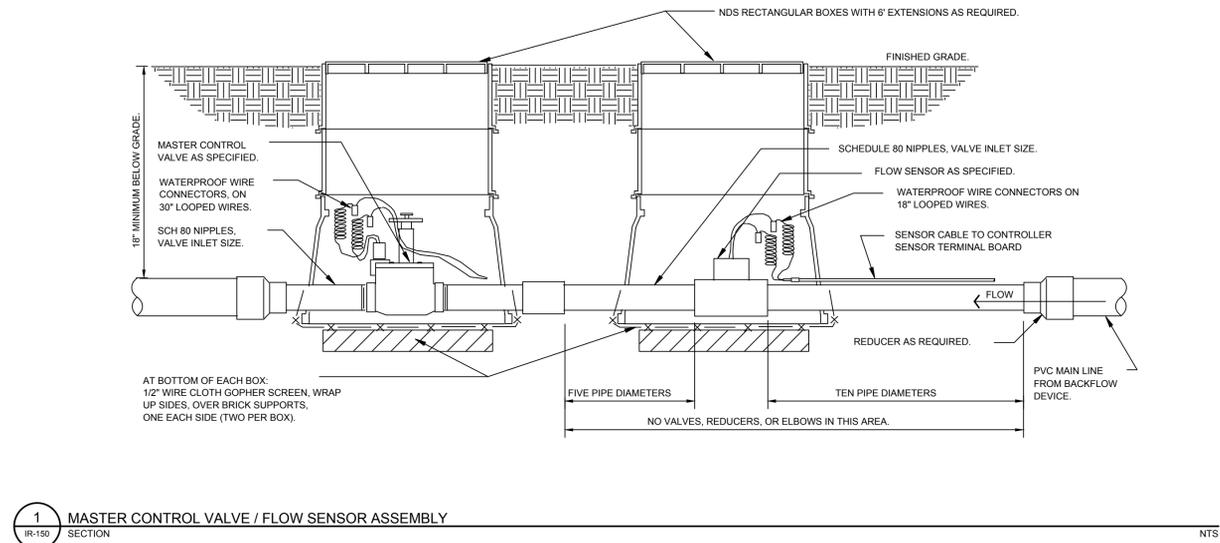
14. ABBREVIATIONS

- GPM - GALLONS PER MINUTE
- GPH - GALLONS PER HOUR
- PSI - POUNDS PER SQUARE INCH

LATERAL PIPE SIZING REQUIREMENTS

| MAXIMUM FLOW | MINIMUM PIPE SIZE |
|--------------|-------------------|
| 10 GPM | 3/4" |
| 16 GPM | 1" |
| 26 GPM | 1-1/4" |
| 35 GPM | 1-1/2" |
| 55 GPM | 2" |
| 80 GPM | 2-1/2" |
| 120 GPM | 3" |

PIPE SIZES ILLUSTRATED IN THE ABOVE CHART ARE MINIMUM ACCEPTABLE SIZES. PIPE SIZES INDICATED ON PLAN ARE FOR CONVENIENCE ONLY. FIELD SIZE ALL LATERAL PIPING TO KEEP ALL FRICTION LOSS VELOCITIES BELOW 5.0 FPS.



| NO. | REVISIONS | DATE | BY |
|-----|-----------|------|----|
| | | | |

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 REGISTRY NO. 35106

| | |
|--------------------------|---|
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| DATE JULY 2024 | FLORIDA LICENSE NUMBER 6667269 |
| SCALE AS SHOWN | DESIGNED BY KHA |
| CHECKED BY JMH | DRAWN BY JMH |

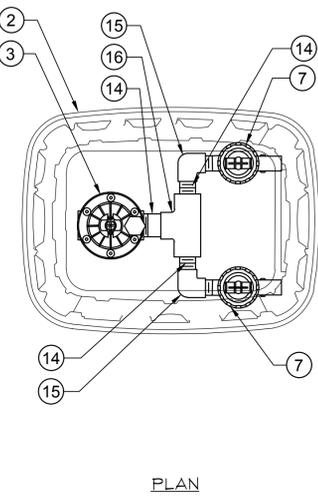
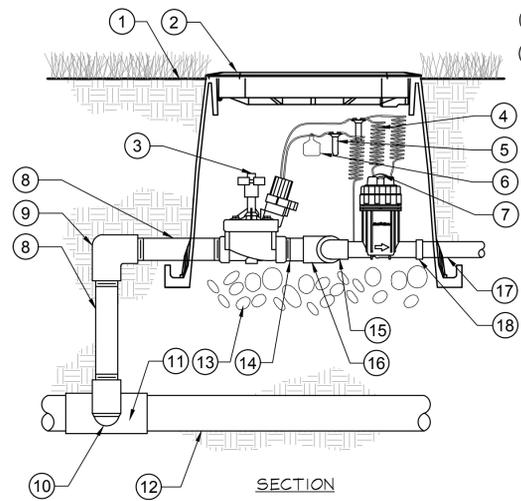
IRRIGATION SPECIFICATIONS AND DETAILS

VENICE CROSSING - PHASE 0
 PREPARED FOR
 2001 LAUREL LLC
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- 1 FINISH GRADE/TOP OF MULCH
- 2 VALVE BOX WITH LOCKING COVER
- 3 REMOTE CONTROL VALVE
- 4 30-INCH LINEAR LENGTH OF WIRE, COILED
- 5 WATERPROOF CONNECTION
- 6 ID TAG
- 7 PRESSURE REGULATING QUICK CHECK BASKET FILTER
- 8 PVC SCH 80 NIPPLE (LENGTH AS REQUIRED)
- 9 PVC SCH 40 ELL
- 10 PVC SCH 80 NIPPLE (2-INCH LENGTH, HIDDEN) AND PVC SCH 40 ELL
- 11 PVC SCH 40 TEE OR ELL
- 12 MAINLINE PIPE
- 13 6-INCH MINIMUM DEPTH OF 3/4-INCH WASHED GRAVEL
- 14 PVC SCH 80 NIPPLE, CLOSE
- 15 PVC SCH 40 ELL
- 16 PVC SCH 40 TEE
- 17 LATERAL PIPE
- 18 PVC SCH 40 FEMALE ADAPTOR

1 DRIP ZONE VALVE KIT
SECTION / PLAN

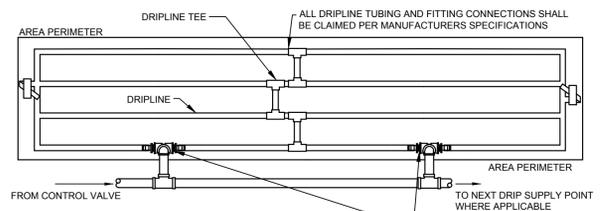
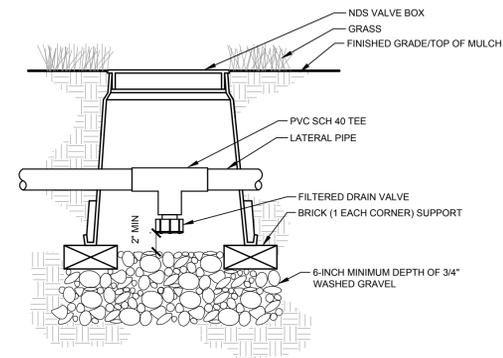
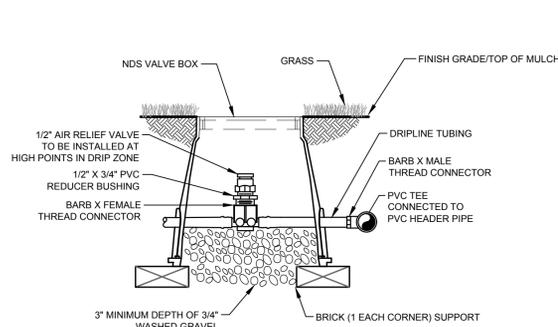
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2 AIR RELIEF VALVE IN DRIPLINE
SECTION

NTS

3 TYPICAL DRAIN VALVE
SECTION

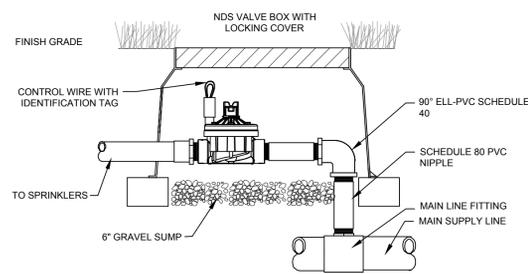
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- NOTE:
1. DRIPLINE TUBING TO BE ROUTED IN THE PLANT MATERIAL BED WITH AT MAXIMUM LATERAL SPACING OF 16 INCHES.
 2. DRIPLINE TUBING TO BE INSTALLED IN A GRID PATTERN. DRIPLINE SHALL NOT BE INSTALLED IN A LONG CONTINUOUS RUN.
 3. CONTRACTOR TO REFER TO IRRIGATION PLAN FOR LOCATION OF CONTROL VALVES THAT UTILIZE MULTIPLE DRIPLINE SUPPLY CONNECTIONS.
- WHEN DRIPLINE REQUIRES MULTIPLE SUPPLY POINTS EACH POINT SHALL BE CONNECTED UTILIZING DRIPLINE MFR FITTINGS

4 TYPICAL DRIPLINE
PLAN

NTS

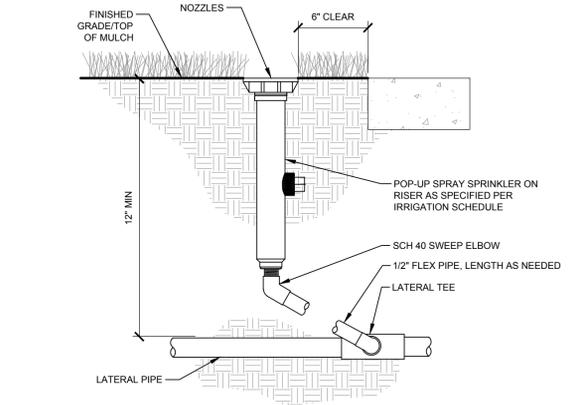
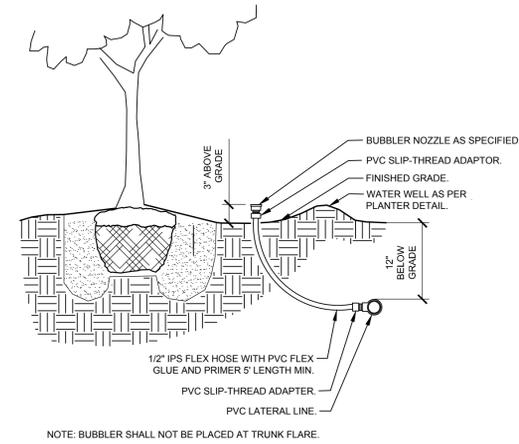


5 TYPICAL CONTROL VALVE
SECTION

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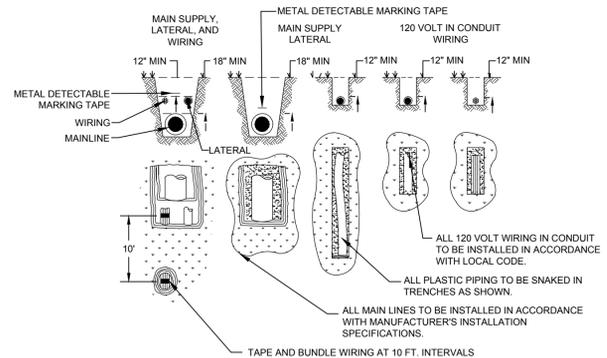
6 TYPICAL BUBBLER
SECTION

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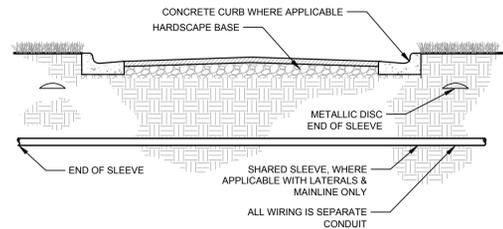
7 TYPICAL SPRAY / ROTAR HEAD
SECTION

NTS



8 TYPICAL TRENCHING
SECTION

NTS



9 TYPICAL SLEEVING
SECTION

NTS

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LICENSED PROFESSIONAL
 EDWARD M. DEAN, P.L.A.
 FLORIDA LICENSE NUMBER
 6667269

KHA PROJECT
 248135003
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 KHA
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 NDD
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IRRIGATION DETAILS

VENICE CROSSING - PHASE 0

PREPARED FOR
 2001 LAUREL LLC

CITY OF VENICE FLORIDA

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