

SAMPLE ROAD STREETSCAPE

PHASE II

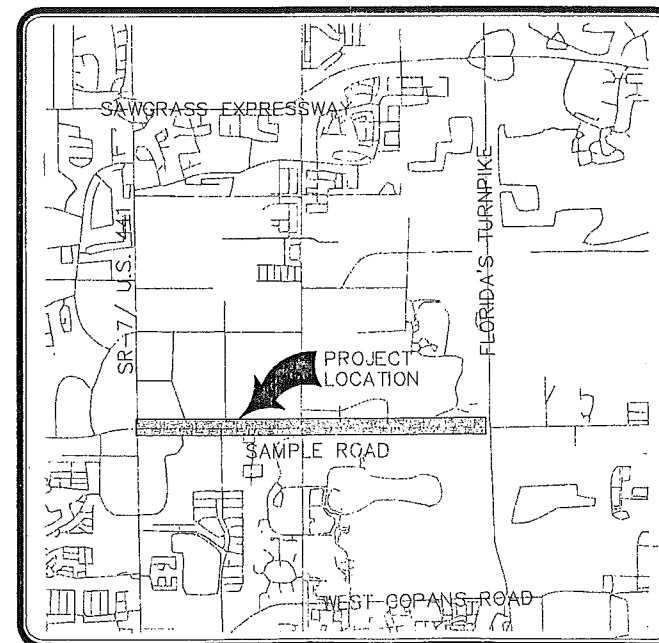
CITY OF COCONUT CREEK, FLORIDA

FOR:

CITY OF COCONUT CREEK

INDEX

| <u>SHEET NO.</u> | <u>DRAWING NO.</u> | <u>TITLE</u> |
|------------------|--------------------|----------------------------------|
| 1 | - | COVER SHEET |
| 2 - 7 | LPM-1 thru LPM-6 | MEDIAN LANDSCAPE & PAVER PLANS |
| 8 | PMD-1 | MEDIAN PAVER DETAILS |
| 9 | LMD-1 | MEDIAN LANDSCAPE DETAILS |
| 10 - 15 | IM-1 thru IM-6 | MEDIAN IRRIGATION PLANS |
| 16 | IMD-1 | MEDIAN IRRIGATION DETAILS |
| 17 | IMS-1 | MEDIAN IRRIGATION SPECIFICATIONS |



TOWNSHIP 48 - RANGE 42 - SECTION 17
LOCATION MAP
N.T.S.



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Oct 22, 2003

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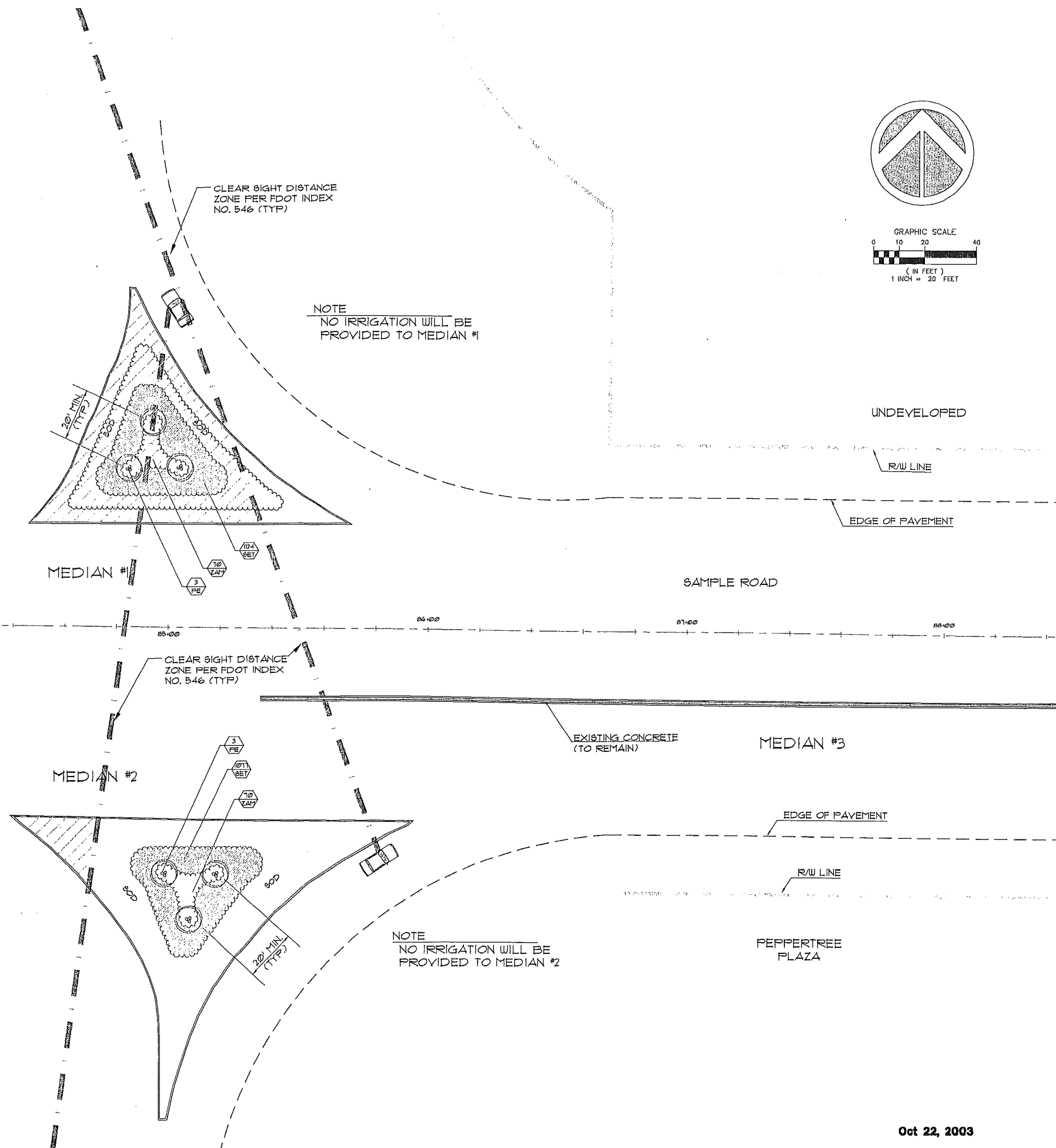
SH. 1 OF 17

SAMPLE ROAD STREETSCAPE: - PHASE II
LANDSCAPE & PAVER PLANS - IRRIGATION PLAN

NOTES:

1. ALL PROPOSED TREES SHALL BE LOCATED A MINIMUM OF 4' FROM ALL UTILITIES.
2. CONTRACTOR SHALL MAINTAIN MINIMUM 2' WIDE SODDED 'MOW' STRIP FROM THE BACK OF CURB TO SHRUB PLANTING.
3. ALL PROPOSED TREES SHALL BE LOCATED A MINIMUM OF 4' FROM THE BACK OF THE CURB FOR A CLEAR ZONE OF RECOVERY.
4. CLEAR SIGHT DISTANCE ZONES HAVE BEEN CONSTRUCTED PER FDOT INDEX 546 REQUIREMENTS.
5. ALL PROPOSED TREES WITH A FUTURE DIAMETER OF 4" OR GREATER MUST BE SPACED A MINIMUM OF 50' FOR SAFE VIEWING PER FDOT INDEX 546. TREES WITH A FUTURE DIAMETER OF 4" OR LESS MUST BE A MINIMUM OF 20' FOR SAFE VIEWING PER FDOT INDEX 546.
6. ALL PLANTING FOLIAGE FALLING WITHIN THE FDOT CLEAR SIGHT DISTANCE ZONES SHALL BE LOWER THAN 3' IN HEIGHT AND ABOVE 1' IN HEIGHT PER FDOT INDEX 541. MAINTENANCE OF PLANTING SHALL ALSO FOLLOW THESE REQUIREMENTS.
7. UTILITIES MAY BE PRESENT WHICH ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL EXISTING UTILITY SIZES, LOCATIONS AND MATERIAL BY ELECTRONIC METHODS AND BY HAND EXCAVATION IN COORDINATION WITH ALL THE UTILITY COMPANIES, PRIOR TO BEGINNING ANY CONSTRUCTION OPERATIONS. THIS WORK BY THE CONTRACTOR SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
8. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO TAKE THE NECESSARY PRECAUTIONS TO ENSURE PROPER SAFETY AND WORKMANSHIP WHEN WORKING IN THE VICINITY OF EXISTING UTILITY LINES.
9. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH FFL ON ANY WORK IN THE VICINITY OF OVERHEAD OR UNDERGROUND POWER LINES.
10. CONTRACTOR SHALL VERIFY PROPER CLEARANCE BELOW EXISTING OVERHEAD POWER LINES PRIOR TO WORKING WITHIN THE VICINITY THE POWER LINES, WHERE APPLICABLE.
11. CONTRACTOR IS RESPONSIBLE TO RESTORE ALL DAMAGED AREAS TO THEIR ORIGINAL CONDITION UNLESS NOTED OTHERWISE ON THE PLANS.

ST. RT. 441



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MEDIAN LANDSCAPE & PAVER PLAN - PHASE II REFER TO DRAWING NO. LPM-2 FOR CONTINUATION

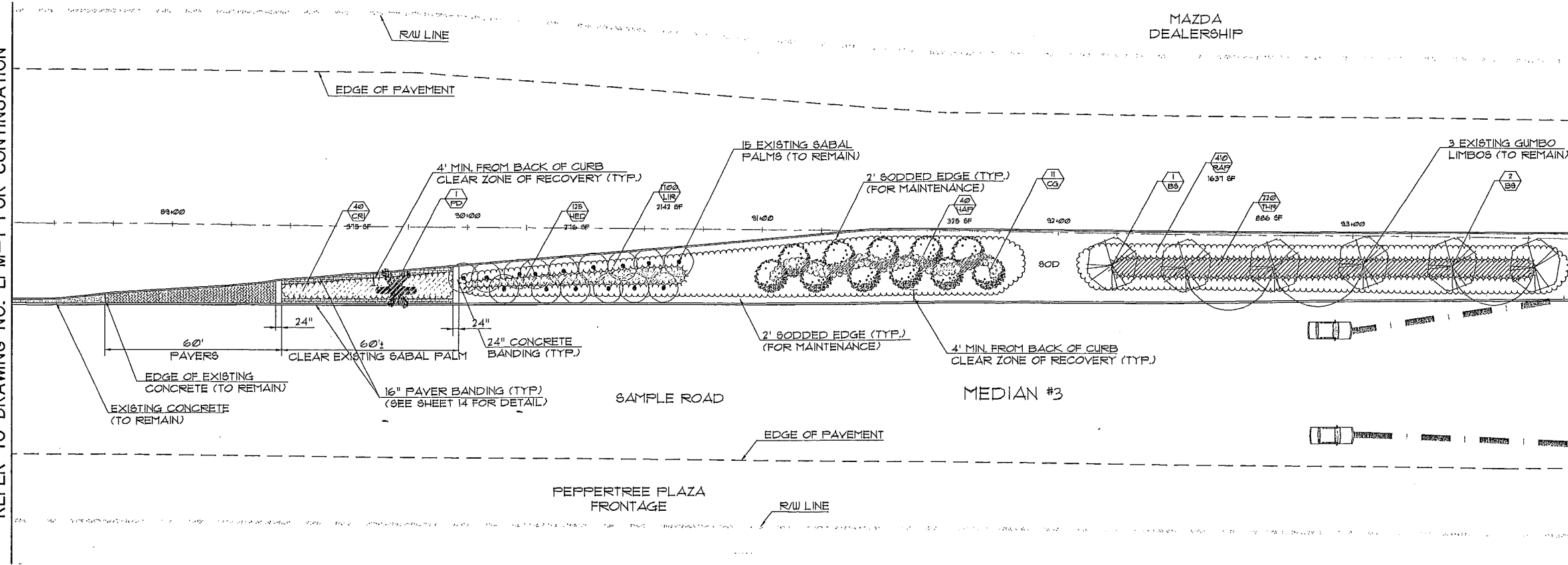
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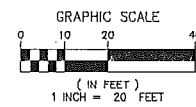
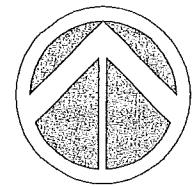


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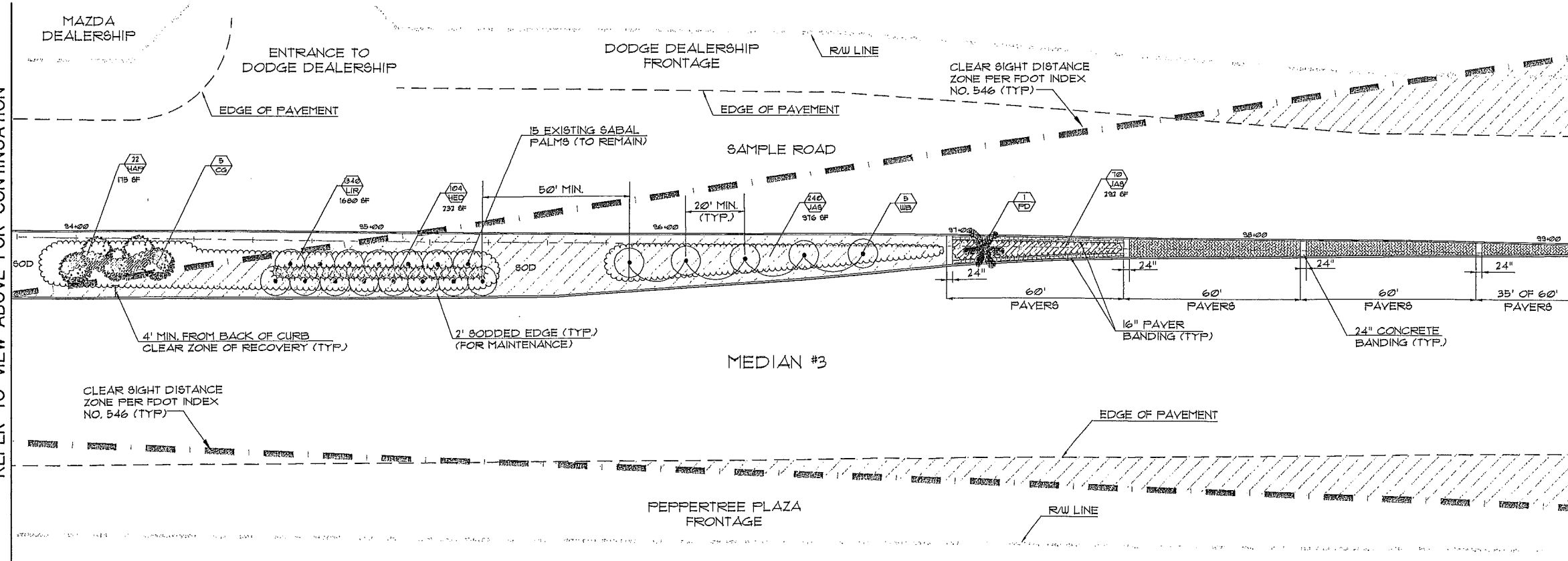
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REFER TO DRAWING NO. LPM-3 FOR CONTINUATION

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MEDIAN LANDSCAPE & PAYER PLAN - PHASE II

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CITY OF COCONUT CREEK, FLORIDA
FOR: CITY OF COCONUT CREEK

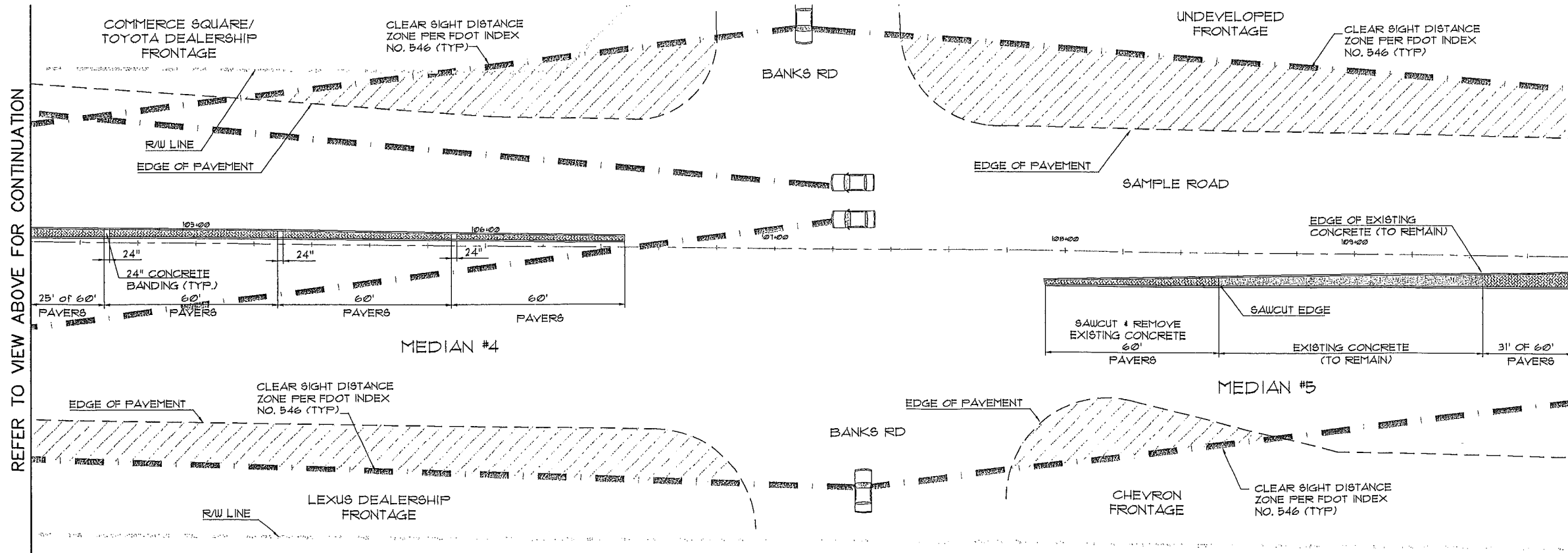
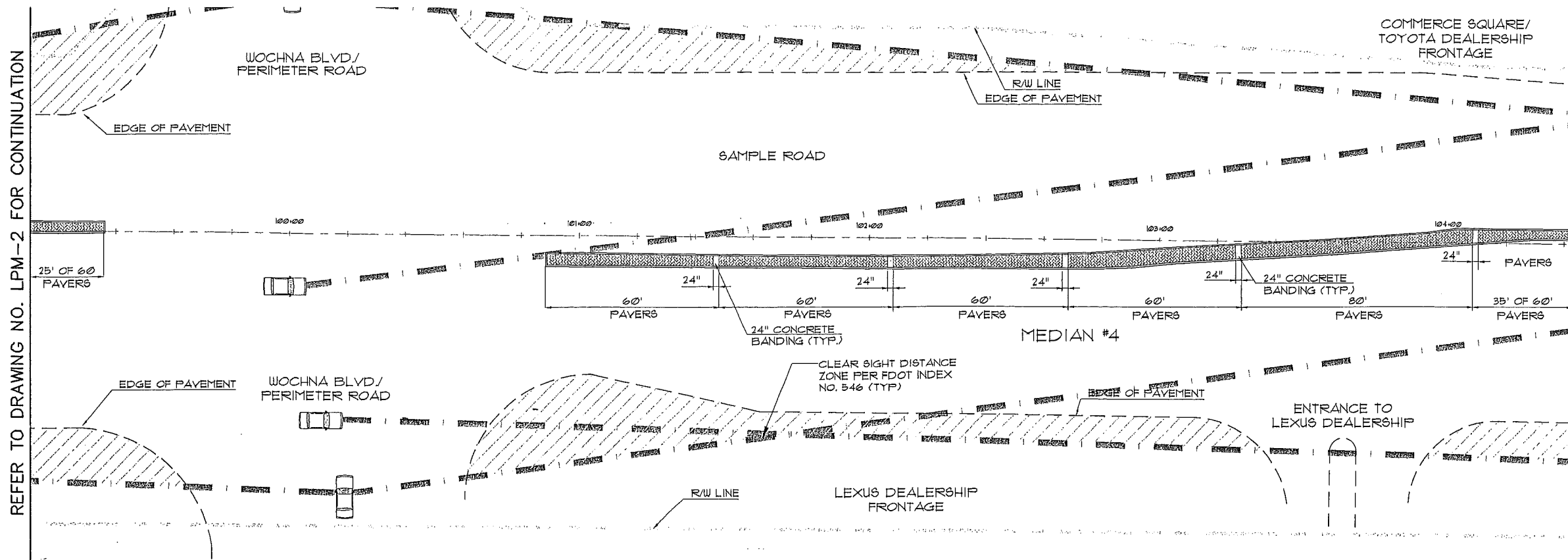
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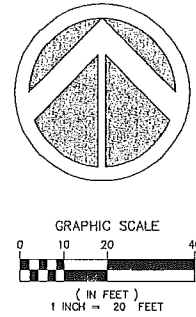
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REFER TO DRAWING NO. LPM-4 FOR CONTINUATION



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MEDIAN LANDSCAPE & PAVER PLAN - PHASE II

SAMPLE ROAD STREETSCAPE
CITY OF COCONUT CREEK, FLORIDA
FOR: CITY OF COCONUT CREEK

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| 9011-03 | LPM-3 | 4 |
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Plan view of a road section showing Median #5, Cheyron Frontage, Falls of Margate Frontage, and Undeveloped Frontage. The diagram includes details on pavement, curbs, and vegetation.

Median #5: Shows a 24" concrete banding (typ.) and 16" paver banding (typ.) (see sheet 14 for detail). The median is 60' wide, with 23' of 60' pavers on the left. A 4' min. from back of curb clear zone of recovery (typ.) is indicated. A 20' min. (typ.) distance is shown between the curb and the edge of pavement.

Vegetation: Includes 5 existing Sabal palms (to remain), 2 existing Gumbo Limbos (to remain), and 5 existing Sabal palms (to remain). A 2' sodded edge (typ.) (for maintenance) is shown on the right side of the median.

Frontage: The Cheyron Frontage and Falls of Margate Frontage are shown on the left. The Undeveloped Frontage is shown on the right. The Edge of Pavement is indicated by a dashed line. The R/W Line is shown at the bottom.

Other Details: A 30' distance is shown between the edge of pavement and the 2' sodded edge. A 4' min. from back of curb clear zone of recovery (typ.) is indicated on the right side of the median.

UNDEVELOPED FRONTAGE

EDGE OF PAVEMENT

70' HED
100' LIR
5' SP
20' (TYP.)
16' 00"
80' D
17' 00"
60' CR
9' RE
118' 00"
115' 00"
110' 00"

MEDIAN #5

24"
60'
24"
60'

PAVERS
24" CONCRETE BANDING (TYP)
16" PAVR BANDING (TYP) (SEE SHEET 14 FOR DETAIL)

SAMPLE ROAD

EDGE OF PAVEMENT

EXISTING CONCRETE (TO REMAIN)

SAWCUT & REMOVE EXISTING CONCRETE 60' PAVERS

SAWCUT EDGE

EDGE OF PAVEMENT

RAW LINE

FISHERMAN'S LANDING FRONTAGE

ENTRANCE TO FISHERMAN'S LANDING

FISHERMAN'S LANDING FRONTAGE

REFER TO DRAWING NO. LPM-5 FOR CONTINUATION

REFER TO DRAWING NO. LPM-5 FOR CONTINUATION

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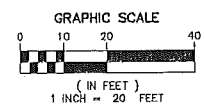
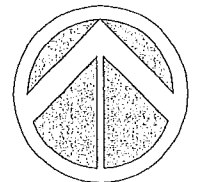
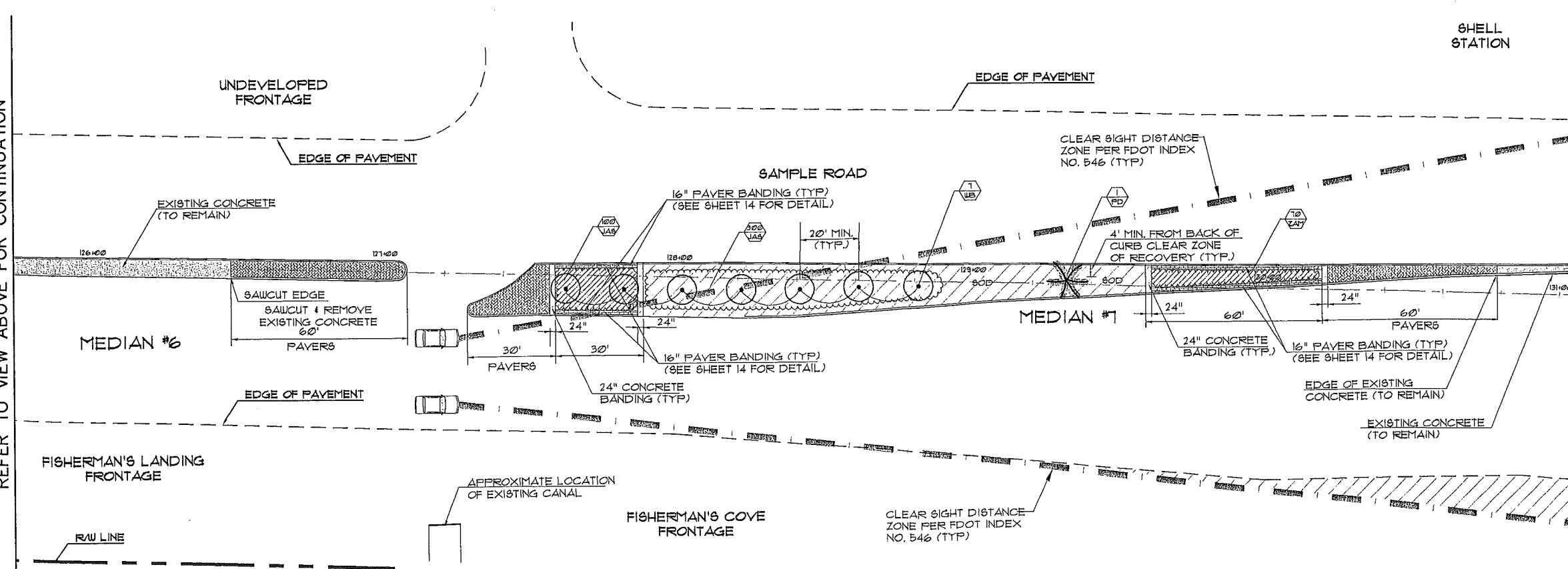
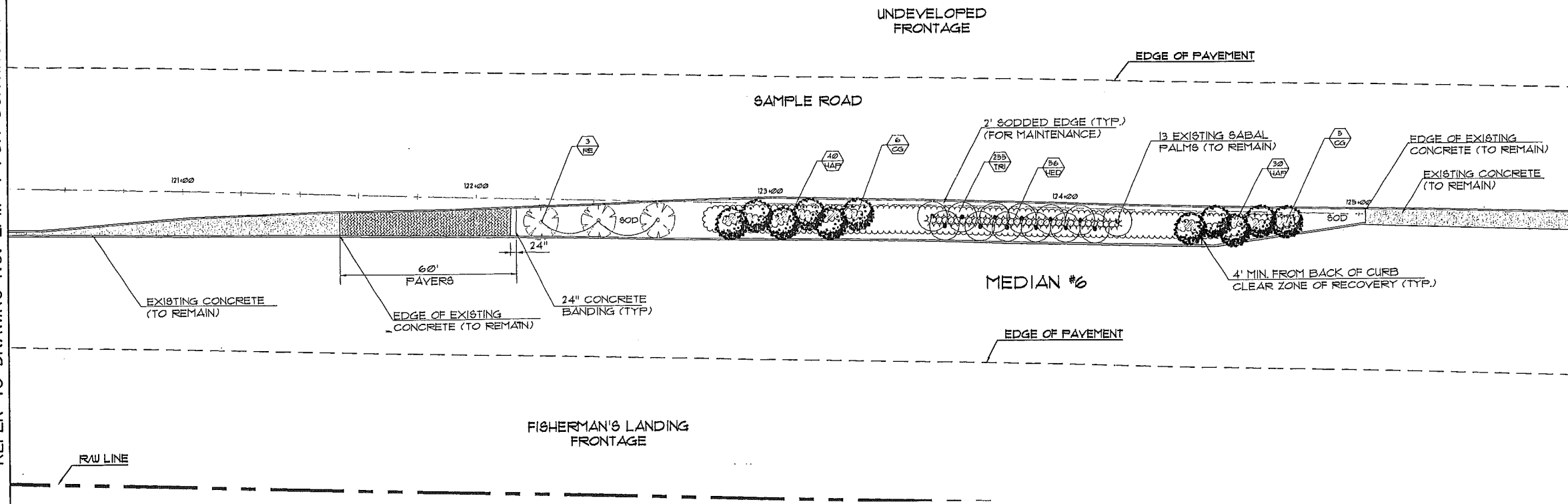
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| DES | DEM | CMC |
| PROJECT / FILE NO | | |
| 9011-03 | | |
| SCHEDULE NO | | |
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Oct 22, 2003

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MEDIAN LANDSCAPE & PAVER PLAN - PHASE II

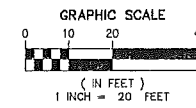
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PROJECT / FILE NO.
9011-03
DRAWING NO.
LPM-5
DATE OF PLOT
JAN 2001

SAMPLE ROAD STREETSCAPE
CITY OF COCONUT CREEK, FLORIDA
FOR: CITY OF COCONUT CREEK



SHELL STATION
 R/W LINE
 CLEAR SIGHT DISTANCE ZONE PER FDOT INDEX NO. 546 (TYP)
 EDGE OF PAVEMENT
 SAMPLE ROAD
 EXISTING CONCRETE (TO REMAIN)
 132+00
 MEDIAN #1
 SAWCUT EDGE
 133+00
 SAWCUT & REMOVE EXISTING CONCRETE 60'
 PAVERS
 134+00
 EDGE OF PAVEMENT
 R/W LINE
 CLEAR SIGHT DISTANCE ZONE PER FDOT INDEX NO. 546 (TYP)
 FISHERMAN'S COVE

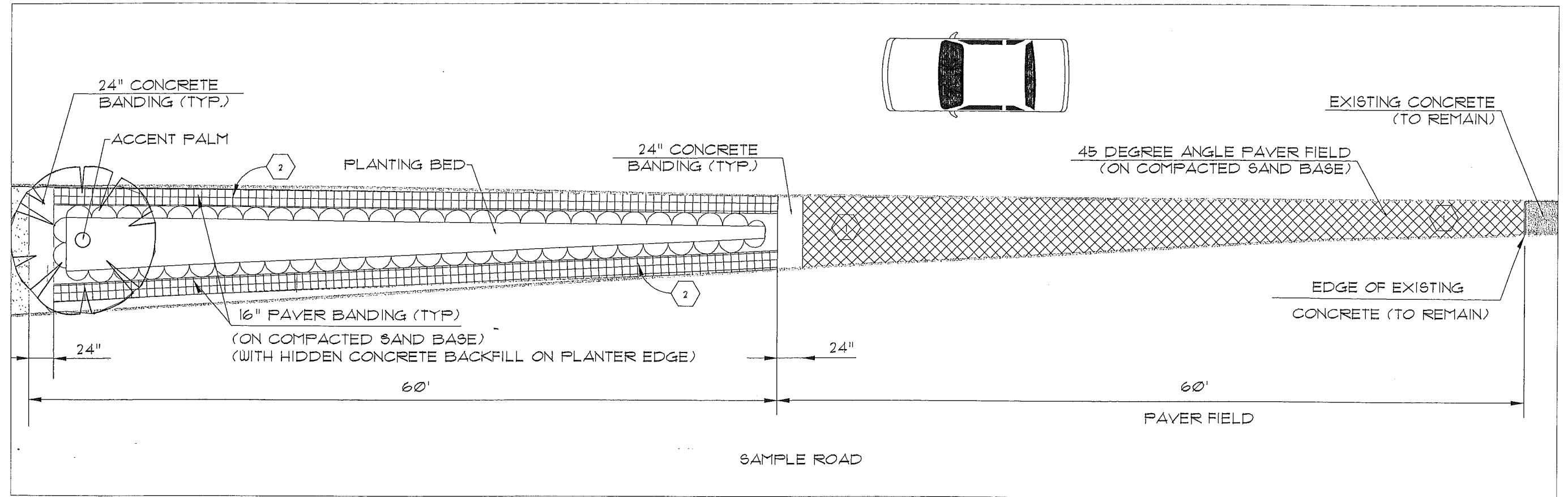
LYONS ROAD

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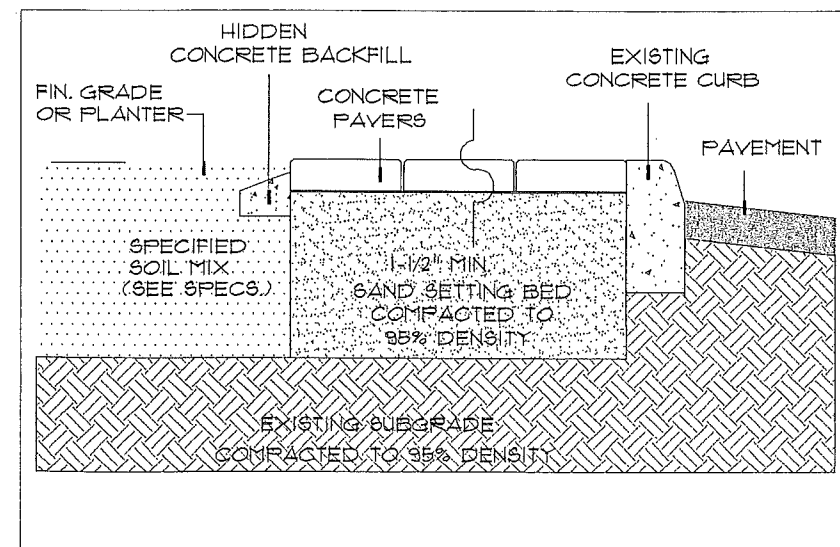
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| JBC | JBC | MDK |
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| PROJECT / FILE ID | | |
| 9011-03 | | |
| CP UNIT ID | | |
| LPM-6 | | |
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SAMPLE ROAD STREETSCAPE
CITY OF COCONUT CREEK, FLORIDA
FOR: CITY OF COCONUT CREEK



TYPICAL MEDIAN PAVER PLAN



PAVER INSTALLATION DETAIL

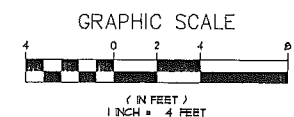
NO SCALE

PAVING LEGEND:

- 1 - SPECIALTY PAVING FIELD TO BE 8" x 8" "CITY SQUARE" CONCRETE PAVERS BY PAVER SYSTEMS (OR APPROVED EQUAL) ON 1-1/2" SAND SETTING BED OVER COMPACTED SUBGRADE. COLOR TO BE P-16 "CITY SQUARE" PINK/NATURAL GRAY COLOR MIX COMBINATION. PAVERS TO BE LAID IN A 45 DEGREE ANGLE TO THE ADJACENT CURB. COLOR, TEXTURE & PATTERN TO MATCH CITY OF COCONUT CREEK GOVERNMENT CENTER CONCRETE PAVERS.
- 2 - 16" WIDE SPECIALTY PAVING BANDING TO BE DOUBLE ROW OF 8" x 8" "CITY SQUARE" CONCRETE PAVERS BY PAVER SYSTEMS (OR APPROVED EQUAL) ON 1-1/2" SAND SETTING BED OVER COMPACTED SUBGRADE. COLOR TO BE P-16 "CITY SQUARE" PINK/NATURAL GRAY COLOR MIX COMBINATION. PAVER BANDING TO BE LAID PARALLEL TO THE ADJACENT CURB. COLOR, TEXTURE TO MATCH CITY OF COCONUT CREEK GOVERNMENT CENTER CONCRETE PAVERS.

NOTES:

- SPECIALTY PAVERS AVAILABLE THRU PAVER MODULE (954) 912-1400, (800) 213-1084
- HIDDEN CONCRETE BACKFILL SHALL BE REQUIRED BETWEEN 16" WIDE PAVER BANDING & THE ADJACENT PLANTER. (SEE DETAIL THIS SHEET)
- CONTRACTOR TO PROVIDE TWO (2) COATS OF SEALANT ON ALL CONCRETE PAVERS. CONTRACTOR TO SUBMIT SAMPLE OF SEALANT FOR APPROVAL BY CLIENT BEFORE INSTALLATION.
- CONTRACTOR IS RESPONSIBLE FOR ANY REPAIR AND/OR REPLACEMENT OF ALL EXISTING CURBING AND/OR CONCRETE SURFACES DAMAGED DURING PAVER AND/OR PLANT MATERIAL INSTALLATION.
- CONTRACTOR TO PRESSURE CLEAN ALL EXISTING CONCRETE SURFACES AFTER COMPLETION OF PAVER AND/OR PLANT MATERIAL INSTALLATION.
- SPARE REPLACEMENT PAVERS MUST BE DELIVERED TO AND ACCEPTED BY THE CITY PRIOR TO PROJECT SIGN-OFF AND ACCEPTANCE.



Oct 22, 2003

| NO. | REVISIONS |
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FOR: CITY OF COCONUT CREEK

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9011-03
FMD-1
8

MEDIAN PAVER DETAILS - PHASE II

GENERAL NOTES:

1. PLANT MATERIAL: All plant material shall be Florida #1 or better as established by "Grades and Standards for Nursery Plants" of the state of Florida, Department of Agriculture.
2. All trees, shrubs and groundcovers shall be of the sizes as specified in the Plant List.
3. Quantities listed on the the Plant List are for estimating purposes. Contractor shall verify all quantities. Mulch, topsoil, fertilizer, etc. shall be included in the unit cost of the plants.
4. Where there is a discrepancy either in quantities, plant names, sizes or specifications between the plan or plant list, the plan takes precedence.
5. All planting beds and water basins for trees shall be covered with a 3" minimum depth of shredded eucalyptus or flormulch grade 'B' or better.
6. The Planting Plan shall be installed in compliance with all existing City codes and applicable deed restrictions.
7. SOD: In all areas not covered by paving, or plant beds St. Augustine "Floratum" (*Stenotaphrum secundatum*) is to be installed. All areas to be added to receive a herbicide application a minimum of ten (10) days prior to sod installation. Herbicide application shall be reviewed and approved by consultant.

Provide a minimum two inch (2") thick layer of soil mix fill and rake all areas to be sodded to a depth of two inches (2"). Remove all weeds, debris, and stones over one (1") in diameter. After all unevenness in the soil surface has been corrected, the soil shall lightly irrigated immediately prior to laying the sod.

All areas within limits of construction not paved or planted are to be sodded.

The first row of sod shall be laid in a straight line with subsequent rows placed parallel to and lightly against each other, lateral joints shall be staggered to promote more uniform growth and strength. Care shall be exercised to ensure that the sod is not stretched or overlapped and that all joints are butted tightly in order to prevent voids which would cause air drying of the roots. On sloping areas where erosion may be a problem, sod shall be laid parallel to the contours of the slope with staggered joints and secured by tamping, pegging or other approved methods.

As sodding is completed in any one section, the landscape contractor shall water and immediately after installation to prevent excessive drying during the progress of the work. The entire area shall be rolled. It shall then be thoroughly irrigated to sufficient depth so that the underside of the new sod pad and soil immediately below the sod are thoroughly wet. The general contractor shall be responsible for having adequate water available at the site prior to and during installation of sod. A uniform stand of grass shall be established for a minimum period of 30 days prior to acceptance by the owner. The first mowing shall not be attempted until the sod is firmly rooted and secure in place not more than 75% of the grass leaf shall be removed by the initial cutting or subsequent cuttings. Grass height shall be maintained between 1 1/2 and 2 1/2 inches unless otherwise specified. The contractor shall be responsible for mowing until the time of final acceptance.

The landscape contractor shall guarantee work covered by this specification to the extent that sod shall be uniform in color and quality and shall be completely free of weeds, grass species other than St. Augustine, diseases or other visible imperfections. At final acceptance grass height shall be 2 1/2 to 3 inches at the time of acceptance.

8. PLANTING SOIL: All trees and shrubs shall be planted with a minimum of 12" topsoil around and beneath the rootball. Minimum topsoil shall be 4" for planting bed areas and 2" for sodded grass areas.

9. Planting soil to be a weed-free mixture of 50% sand, 40% muck, and 10% Canadian peat. All plant material to receive planting soil as per details. Planting soil backfill for all sodded areas, palms, royal palms, and liras shall be located with 50% sand and 50% muck mixed with existing soil free of rock and debris.

10. Contractor is responsible for determining all utility locations and installing facilities so as to not conflict. All damage to existing utilities or improvements caused by Contractor shall be repaired at no additional cost to the Owner.

11. Contractor to notify "Sunshine" at 1-800-638-4087 (48) hours prior to digging for underground utility locations.

12. Contractor shall be responsible for providing final grading of all associated planting areas.

13. After final grade, area to be raked to 6" depth and all rock and foreign inorganic materials removed and disposed of properly off-site.

14. All planting holes to be hand dug except where machine dug holes will not adversely affect or damage utilities or improvements (see note 8).

15. No plunging of any tree or palm will be accepted. All plants to be planted at the nursery grade or slightly higher.

16. Contractor shall stake & guy all trees and palms at time of planting as per the appropriate detail. Contractor is responsible for the maintenance and/or repair of all staking and guying during warranty period.

17. Fertilizer for grass areas shall be NPK 16-4-8 @ 12.5 lbs/1000 s.f. or 545 lbs/acre, Nitrogen 50% slow release form & fertilizer to include secondary micronutrients.

18. SUBSTITUTIONS AND CHANGES: All substitutions and changes shall be approved in writing prior to installation. Any discrepancies between plans, site and specifications shall be brought to the immediate attention of the Landscape Architect, the owner and governing municipality.

19. WATERING: All plant material shall be watered in at time of planting in accordance with standard nursery practices. In addition, Contractor will continue watering of plant material until substantial completion and as needed thereafter for a period of 2 months.

20. All new plant material shall be guaranteed for 1 year from time of final acceptance of project. Any plant material not in a healthy condition will be replaced by the Contractor at no additional cost to the Owner within 10 days of notification. For all replacement plant material, the warranty period shall be extended an additional 45 days beyond the original warranty period. Warranty is null and void for plant material which is damaged or dies as a result of "acts of God" limited to hail, freeze, lightning, automobile damage, and winds exceeding 75 mph as defined by the Miami Hurricane Center. All trees that lean or are blown over, caused by winds less than 75 mph, will be re-set and braced by the Contractor at no additional cost to the Owner.

21. The successful bidder shall furnish to the Owner a unit price breakdown for all materials. The Owner may, at its discretion, add or delete from the materials utilizing the unit price breakdown submitted.

22. No plant material will be accepted showing evidence of cable, chain marks, equipment scars, or otherwise damaged.

23. Plant material will not be accepted when the ball of earth surrounding its roots has been cracked, broken or otherwise damaged.

24. Root-prune all trees a minimum of (8) weeks prior to planting.

25. All landscaped areas will be irrigated by an underground, automatic, rust-free irrigation system providing 100% coverage and 100% spray overlap. The system shall be maintained in good working order and designed to minimize water on impervious surfaces and not over-spray walkways. A rain sensor device shall be installed to override the irrigation cycle of the system when adequate rainfall has occurred.

26. All plant material planted within the sight distance triangle areas (see plan) shall provide unobstructed cross-visibility at a horizontal level between 30 inches and 8 feet above adjacent street grade.

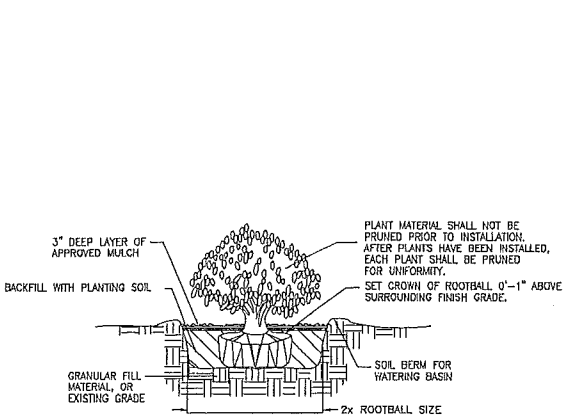
27. Ground cover plantings shall provide not less than 50 percent coverage immediately upon planting and 100 percent coverage within 6 months after planting.

28. Tree protection barricades shall be provided around existing trees that may be impacted by the proposed construction. Prior to any construction a tree protection barricade inspection shall be conducted by the landscape architect, owner or governing municipality. Refer to landscape detail for tree preservation barricade fencing.

29. Tree removal permits must be obtained for existing trees to be removed.

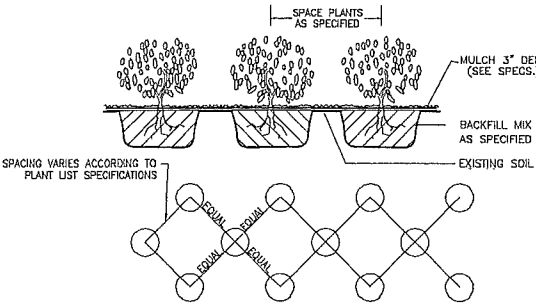
30. In all pedestrian areas, all trees and palms shall be maintained to allow for clear passage at an 8 foot clear trunk.

31. Quantities shown on the plant list take precedence over any discrepancies between the plans and plant list.



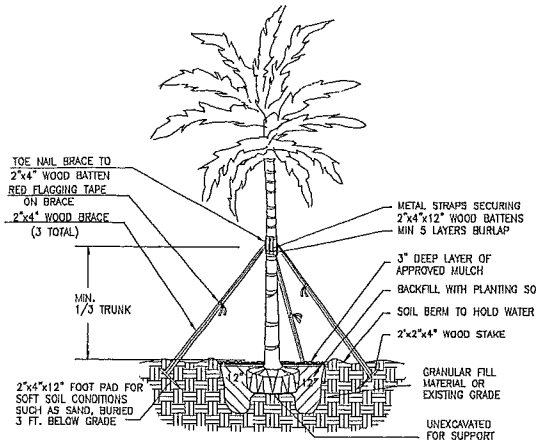
SHRUB PLANTING DETAIL

NTA



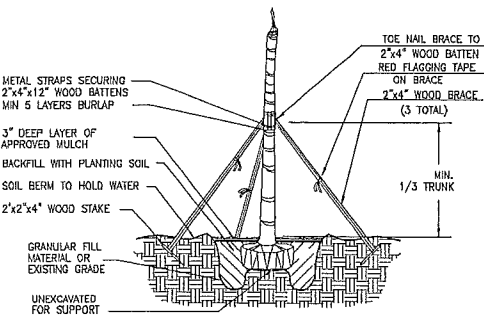
SHRUB/ GROUNDCOVER SPACING DETAIL

NTA



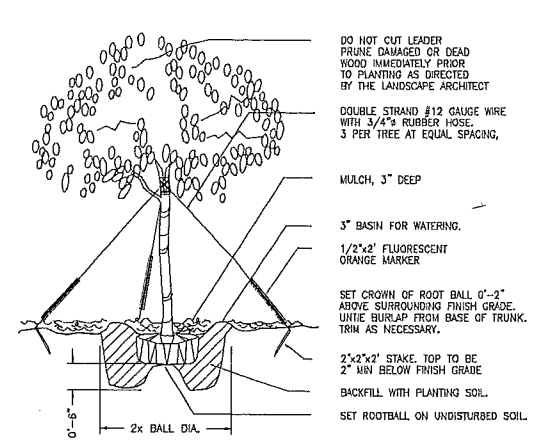
PALM PLANTING DETAIL

NTA



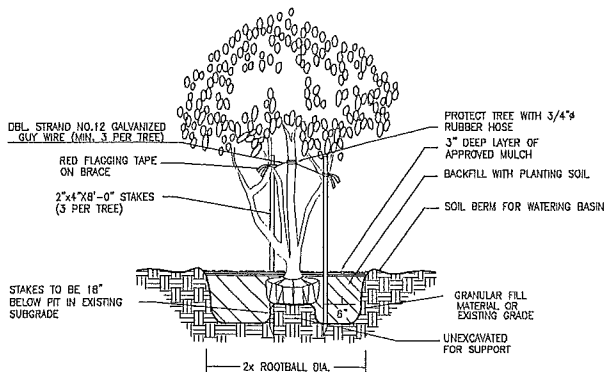
CIGARED SABAL PALM PLANTING DETAIL

NTA



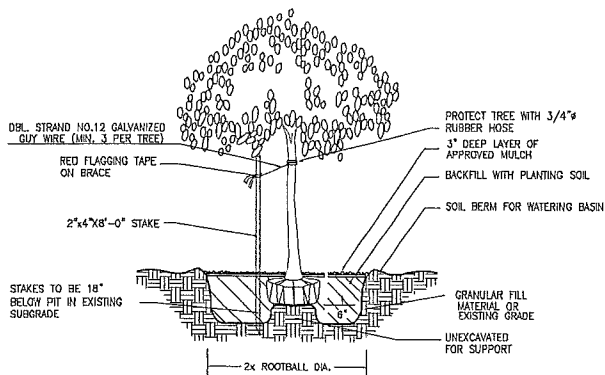
LARGE TREE (2" cal. and over) PLANTING DETAIL

NTA



MULTI- TRUNK AND SMALL TREE (2" cal. and under) PLANTING DETAIL

NTA



SMALL TREE (2" cal. and under) PLANTING DETAIL

NTA

Plant List:

Quantities shown in the plant list are for the convenience of contractors and are believed to be substantially correct, however the accuracy of quantities shown in the plant list are not guaranteed. Quantities shown on the plans shall govern. All plants shall equal or exceed the minimum acceptable measurement descriptions specified in the plant list. All plants shall meet the code of standards currently recommended by the American Association of Nurserymen, Inc. (AAN) in the "American Standard for Nursery Stock", and unless otherwise noted the Florida Department of Agriculture and Consumer Services Florida No. 1 in the "Grades and Standards for Nursery Plants".

| KEY | QTY. | BOTANICAL NAME | COMMON NAME | SIZE | CONDITION / COMMENTS | NATIVE | DROUGHT TOLERANT |
|-----------------------|-----------|-----------------------------------|------------------------------|----------------------------|---|--------|------------------|
| TREES & PALMS | | | | | | | |
| BB | 13 | Bursera elmarubra | Gumbo Limbo | 14' - 16' o.a.h. | B+B 35" cal. full canopy | Yes | Very |
| CG | 31 | Clusia guttifera | Small Leaf Clusia | 10' o.a.h. 4' c.l. | B+B Plant as shown Full crown min. 5 trunks | Yes | Very |
| FE | 1 | Psychoporus elegans 'Triple' | Alexander Palm | 6' o.a.h. | B+B Plant as shown Triple specimen | No | Very |
| FD | 6 | Phoenix dactylifera 'Medjool' | Medjool Date Palm | 8' c.l. | B+B Plant as shown Full specimen | No | Very |
| FE | 43 | Royaltonia elata | Florida Royal Palm | 1' c.l. | B+B Plant as shown Full, Matched | Yes | Very |
| SP | 16 | Sabal palmetto | Cabbage Palm | 12' c.l. | B+B Plant as shown Matched, Booted | Yes | Very |
| WB | 34 | Wodyetia bifurcata | Foxtail Palm | 10' c.l. | B+B Plant as shown Full, Matched | No | Very |
| SHRUBS & GROUNDCOVERS | | | | | | | |
| CRJ | 140 | Crimin sogutum 'Queen Emma' | Purple Crinum Lily | 30" x 30" | 1 gal. Full Plant 36" o.c. | No | Moderate |
| HAP | 348 | Hamelia patens 'Compacta' | Dwarf Firebush | 18" x 18" | 3 gal. Plant 24" o.c. | Yes | Very |
| RAP | 1320 | Rhapiolepis indica 'Dwarf' | Dwarf Indian Hawthorn | 4" x 4" | 3 gal. Full 24" o.c. | No | Very |
| SAT | 18 | Schefflera arborescens 'Trinette' | Dwarf Schefflera | 16" x 16" full | 3 gal. Full 18" o.c. | No | Moderate |
| THR | 412 | Thymus praecox | Thyme | 24" x 24" full | 3 gal. Full 24" o.c. | No | Very |
| ANN | 400 | Annalis | Annalis | Change with Season 6" o.c. | | | |
| HED | 1140 | Helianthus debilis | Dune Sunflower | 12" x 12" | 1 gal. Full Plant 18" o.c. | Yes | Very |
| JAS | 1140 | Jaumea carniflora | Wax Jasmine | 18" x 18" | 3 gal. Full Plant 24" o.c. | No | Moderate |
| LIR | 1800 | Liriodendron giganteum | Evergreen Giant Liriodendron | 12" x 12" | 1 gal. Full Plant 12" o.c. | No | Very |
| GET | 2201 | Geranium paludosum | Purple Geranium | 12" x 12" | 1 gal. Full Plant 18" o.c. | No | Very |
| TRI | 2220 | Tripsacum daniellii | Dwarf Gamma Grass | 18" x 18" | 3 gal. Full Plant 24" o.c. | Yes | Moderate |
| ZAM | 330 | Zamia pumila (floridana) | Candle | 20" | 1 gal. Full Plant as shown | Yes | Very |
| SOD | 60,750 SF | Stenotaphrum secundatum | St. Augustine 'Floratum' | | | | |

NOTE:

1. The quantities on these plant lists are to be used as a guide only and not for bidding purposes.
2. Drought tolerance level for plants determined by the South Florida Water Management District Xeriscape Guide II.

ABBREVIATIONS

| | | | |
|--------|----------------|--------|---------------------------|
| o.a.h. | Overall Height | c.t. | Clear Trunk |
| o.c. | On Center | d.b.h. | Diameter at Breast Height |
| b.tb. | Bag and Burlap | gal. | Gallon |
| cal. | Calliper | g.w. | Gray wood |
| sp. | Spread | ht. | Height |
| | | min. | Minimum |

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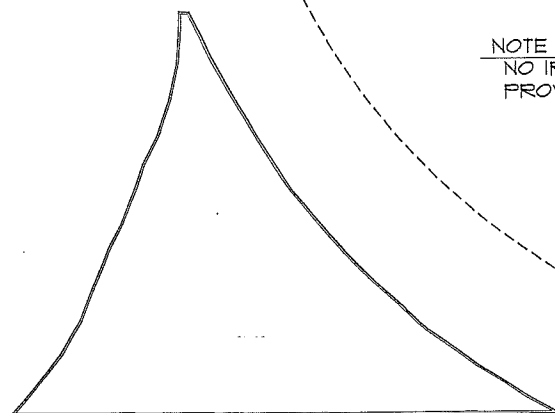
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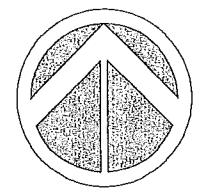
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ST. RT. 441

MEDIAN #1



NOTE
NO IRRIGATION WILL BE
PROVIDED TO MEDIAN #1



GRAPHIC SCALE
(IN FEET)
1 INCH = 20 FEET

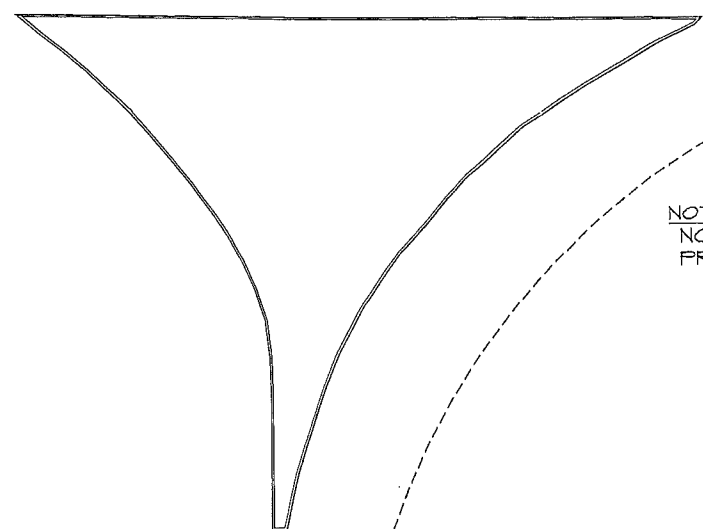
UNDEVELOPED

R/W LINE

EDGE OF PAVEMENT

SAMPLE ROAD

MEDIAN #2



NOTE
NO IRRIGATION WILL BE
PROVIDED TO MEDIAN #2

MEDIAN #3

EDGE OF PAVEMENT

R/W LINE

PEPPERTREE
PLAZA

MATCH LINE SEE SHEET IM-2

MEDIAN IRRIGATION PLANS - PHASE II

| NO. | DATE | REVISIONS |
|-----|----------|--------------------|
| 1 | 10/22/03 | ISSUED FOR PERMITS |
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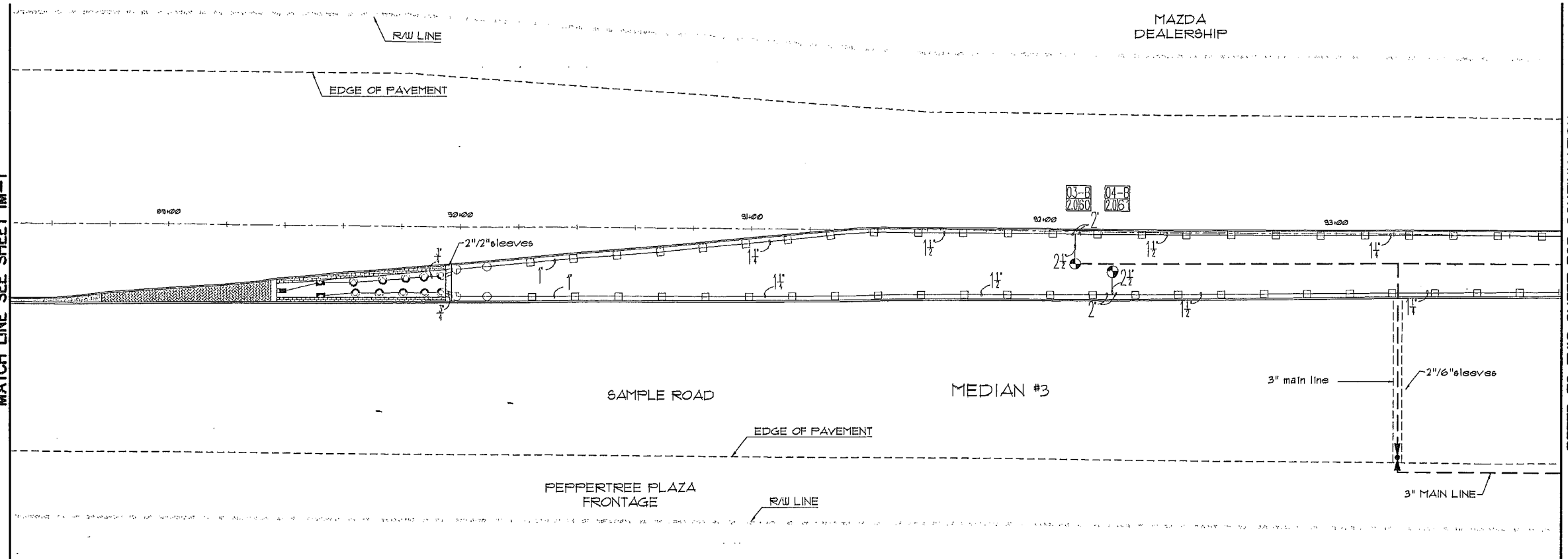
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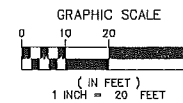
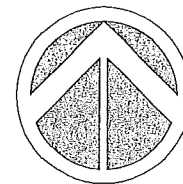
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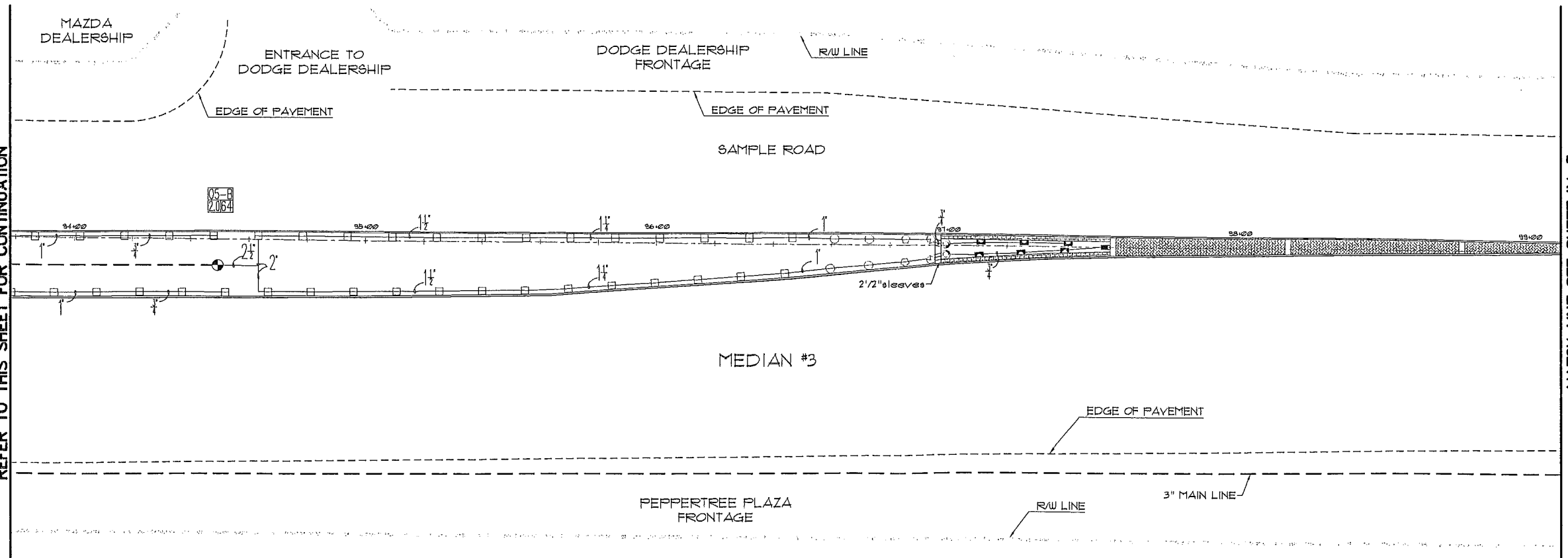
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| NO. | DATE | BY | CHKD. | REVISIONS |
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| 1 | 09/17/01 | MAW | MAW | PER CITY COMMENTS |
| 2 | | | | |

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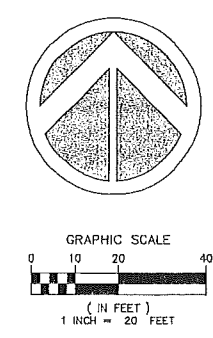
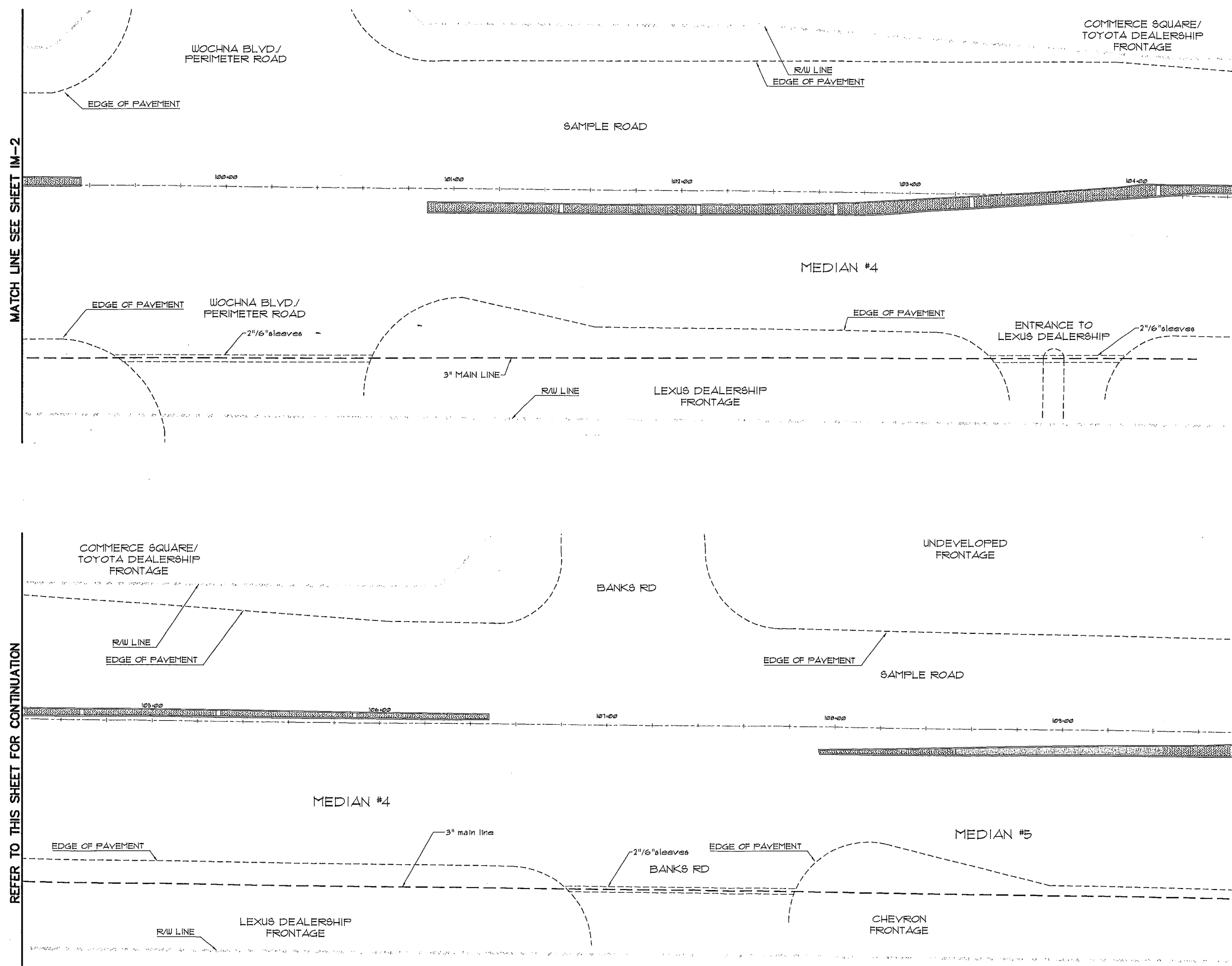
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MEDIAN IRRIGATION PLANS - PHASE II

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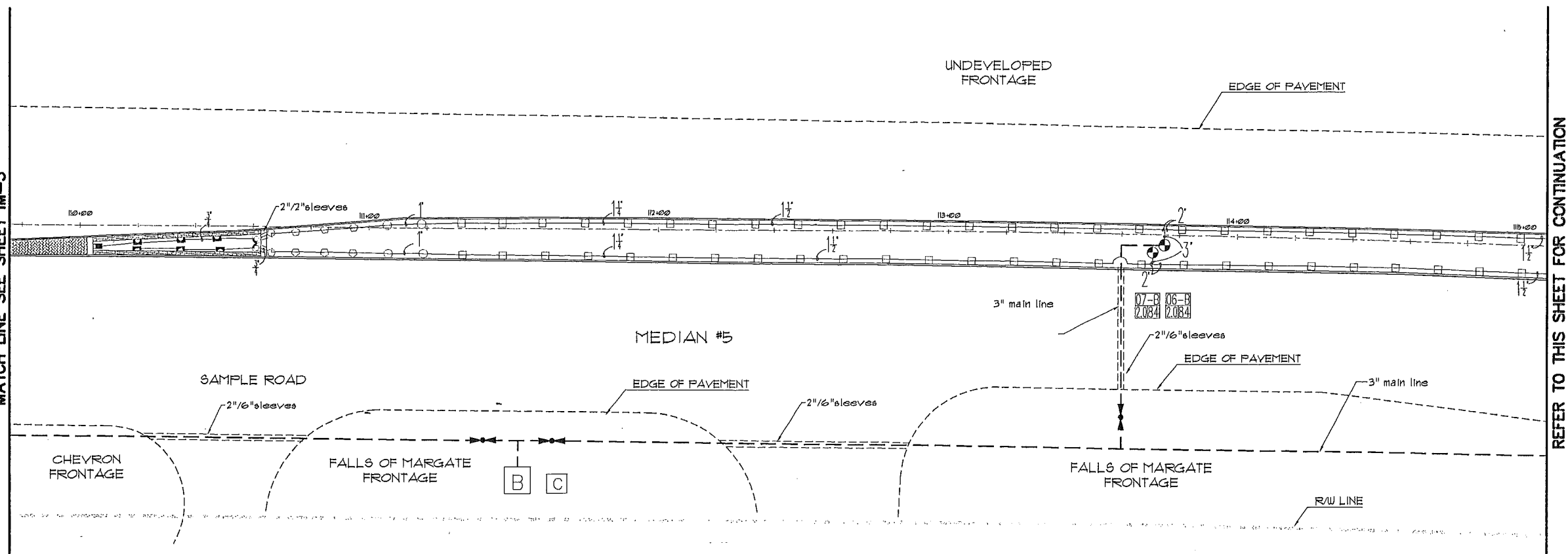
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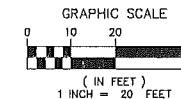
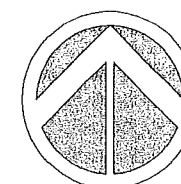


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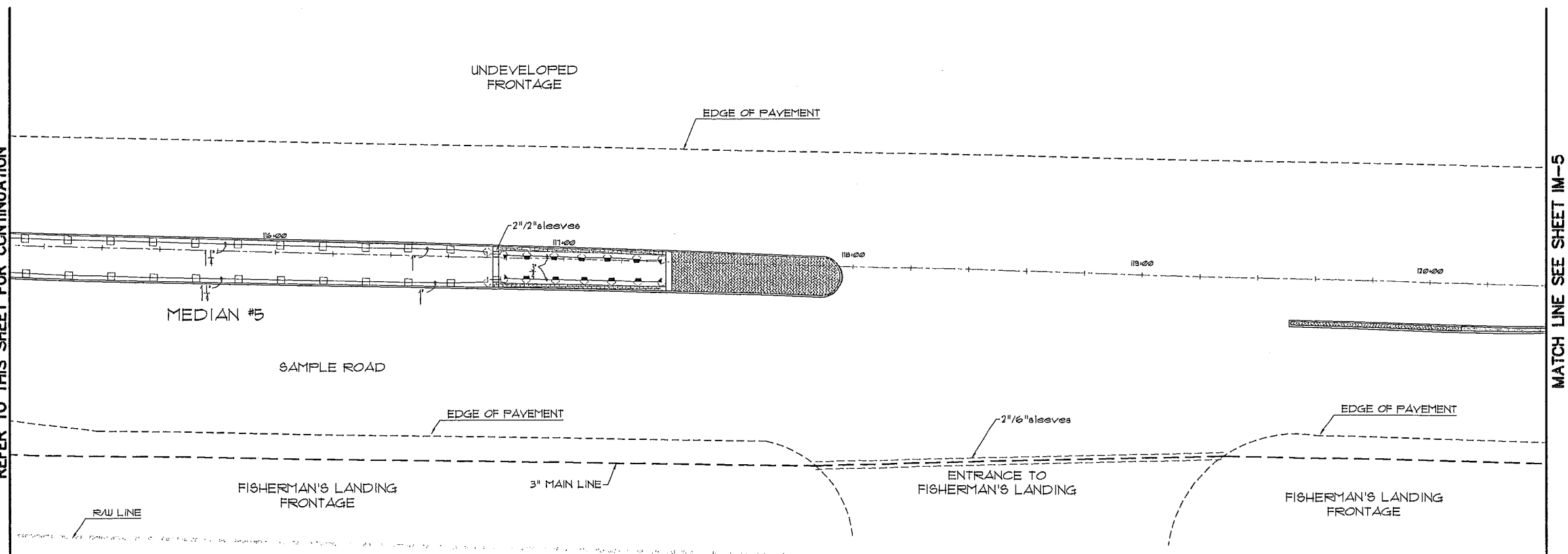
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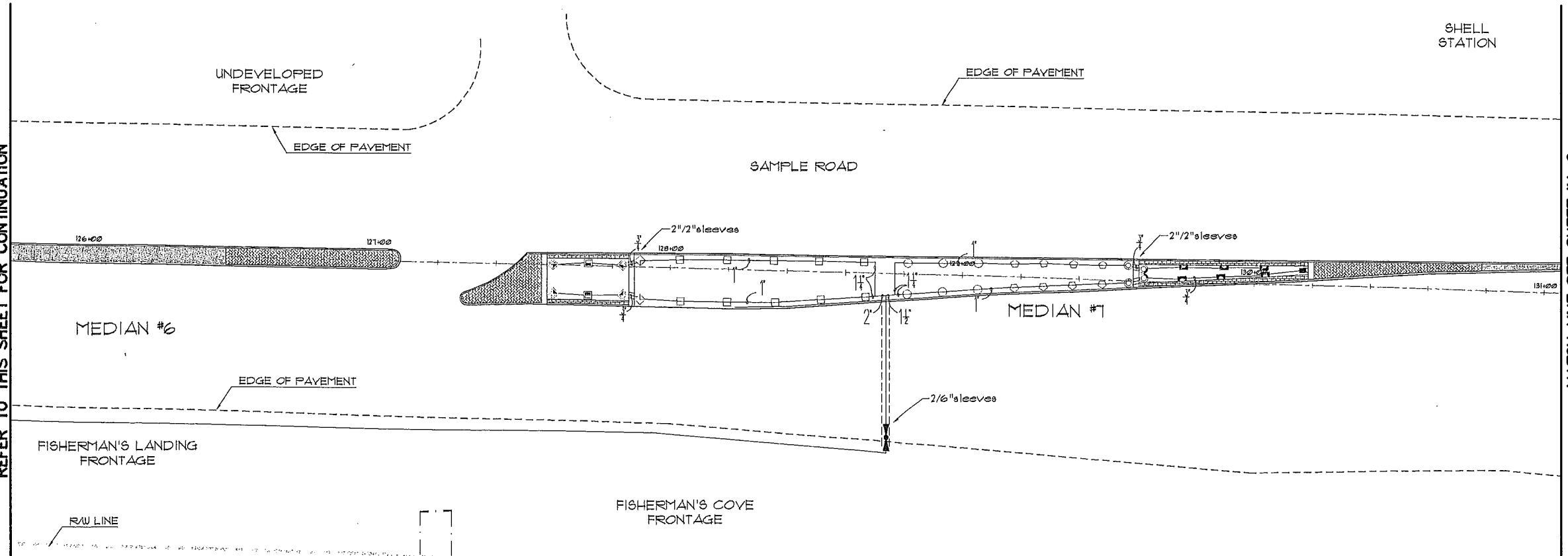
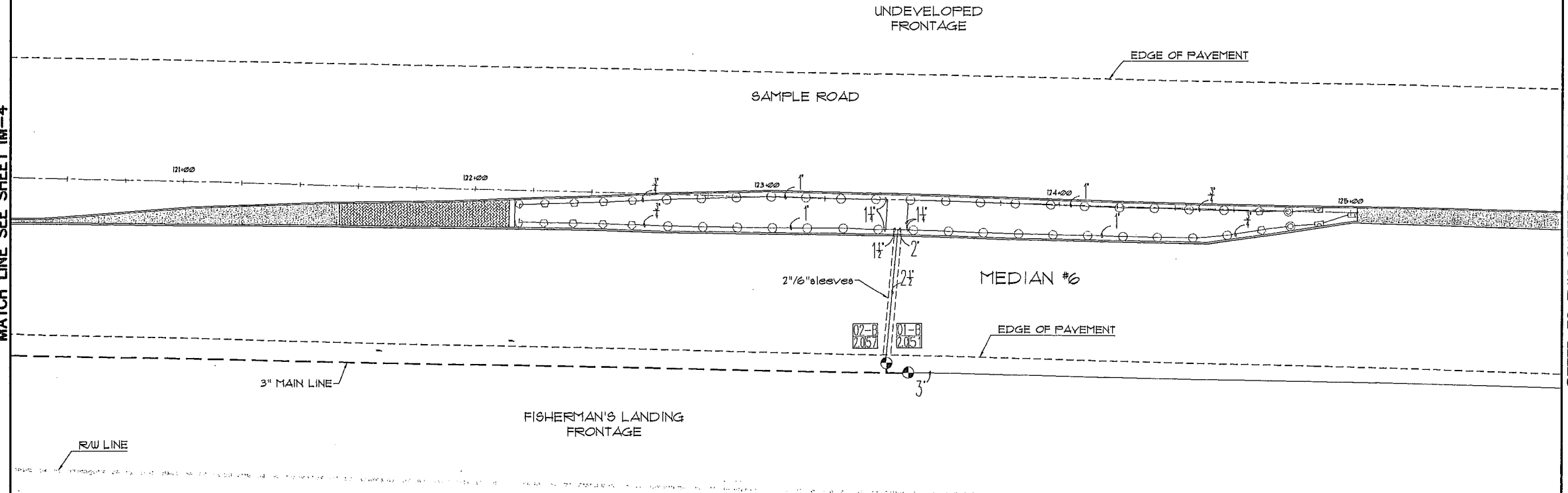
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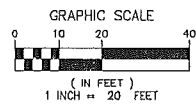
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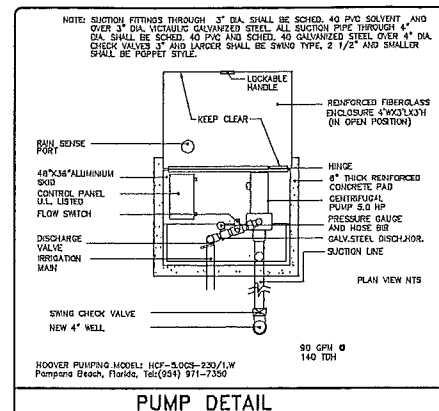
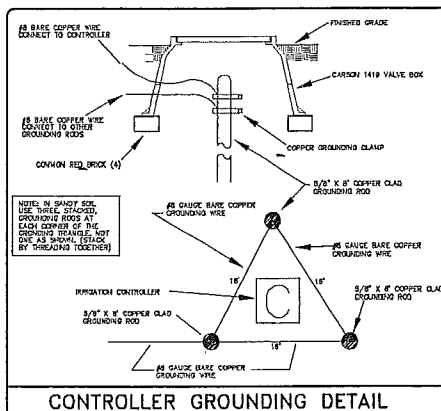
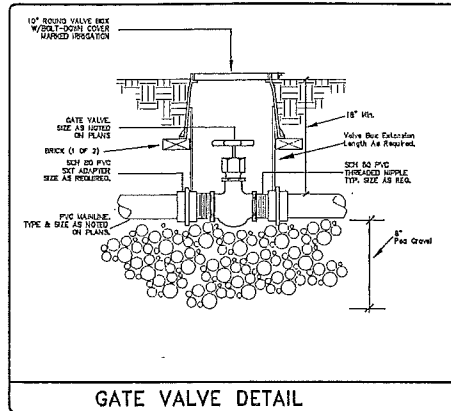
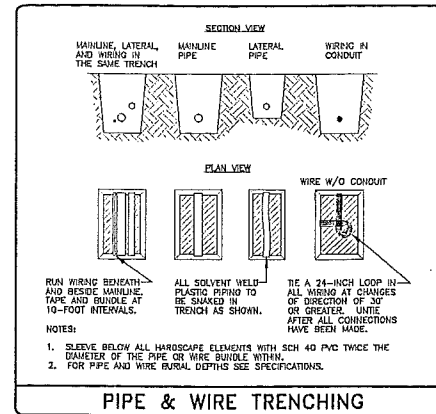
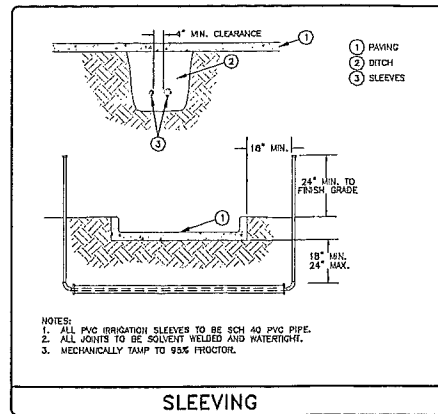
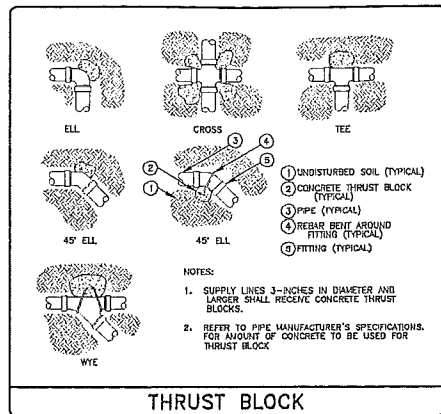
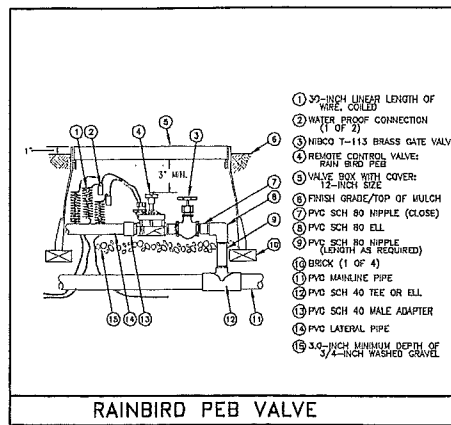
MEDIAN IRRIGATION PLANS - PHASE II

| NO. | DATE | BY | CHKD. | REVISIONS |
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| 1 | 10/22/03 | MAN | MAN | PER CITY COMMONS |
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| | | |
|----------|------|-----|
| MAN | MAN | MAN |
| 9011-03 | IM-5 | 14 |
| 02/14/01 | | 17 |



IRRIGATION LEGEND FOR PHASE II

| QTY/SYM | DESCRIPTION |
|---------|---|
| 1 | RAIN BIRD ESP-12SITES, PEDESTAL MOUNTED SITE SAT WITH A RAIN BIRD POLE MOUNTED RAIN CAN AND DIAL TONE (SEE NOTES AND DETAILS) |
| 1 | NEW HOOVER PUMP PREFABRICATED, FIBERGLASS ENCLOSED, CLOCK-START PUMP STATION, MODEL # HCF-5.0CS-230/4 W. PUMP POWER IS 230 VOLT/SINGLE-PHASE. THE WATER SUPPLY IS A NEW 4" WELL |
| 3 | NIBCO T-113 BRASS GATE VALVE (LINE SIZE) IN 10" ROUND VALVE BOX |
| 7 | RAIN BIRD PEB REMOTE CONTROL VALVE (SIZE PER PLANS) IN A CARSON 1419 VALVE BOX |
| | ZONE NUMBER-PUMP STATION GALLONS PER MINUTE (CATALOG FLOW) VALVE SIZE |
| 10 | RAIN BIRD 1812-8Q-SAM-PRS |
| 10 | RAIN BIRD 1812-8H-SAM-PRS |
| 6 | RAIN BIRD 1806-10Q-SAM-PRS |
| 26 | RAIN BIRD 1806-10H-SAM-PRS |
| 4 | RAIN BIRD 1812-10Q-SAM-PRS |
| 10 | RAIN BIRD 1812-10H-SAM-PRS |
| 2 | RAIN BIRD 1806-12Q-SAM-PRS |
| 50 | RAIN BIRD 1806-12H-SAM-PRS |
| 8 | RAIN BIRD 1806-15Q-SAM-PRS |
| 171 | RAIN BIRD 1806-15H-SAM-PRS |
| 5 | RAIN BIRD 15EST-SAM NOZZLE ON A PA8S-PRS SHRUB ADAPTER & SCH 40 RISER |
| 22 | RAIN BIRD 15SST-SAM NOZZLE ON A PA8S-PRS SHRUB ADAPTER & SCH 40 RISER |
| --- | 3" SCH 40 SOLVENT-WELD PVC MAIN LINE W/SCH 40 SOLVENT-WELD FITTINGS |
| --- | LATERAL LINE (SIZED PER PLAN) - CLASS 200 FOR 3/4" - CLASS 160 FOR 1" AND ABOVE |
| ==== | SCH 40 PVC SLEEVES (SIZED PER PLAN) |

NOTES:
1. QUANTITIES GIVEN ARE FOR CONTRACTOR CONVENIENCE ONLY. THE ACCURACY IS NOT GUARANTEED. ALL QUANTITIES SHALL BE VERIFIED.

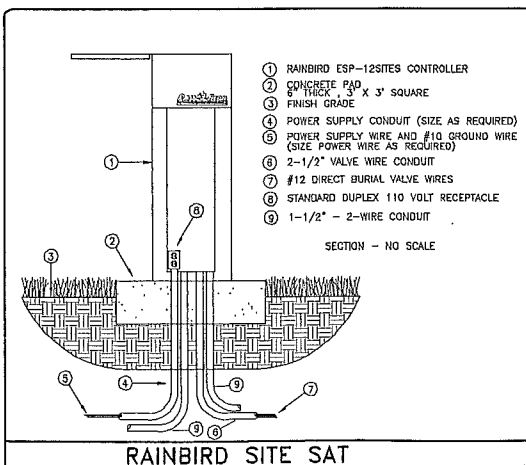
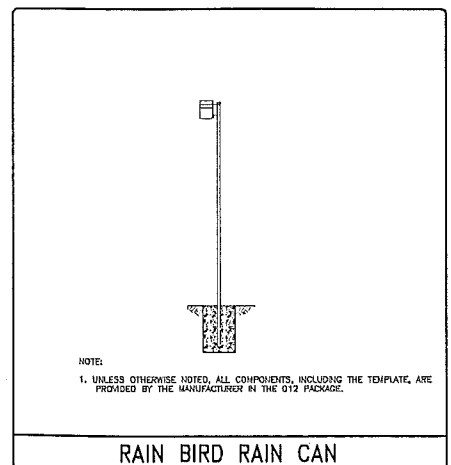
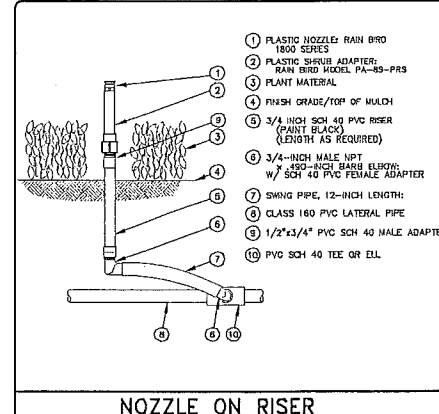
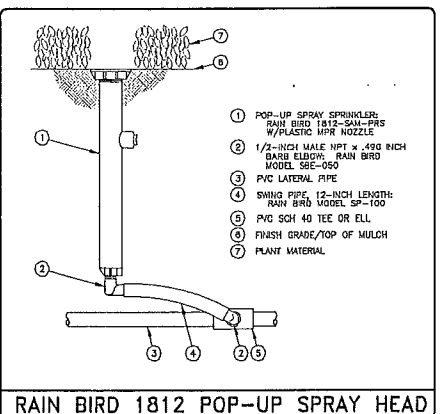
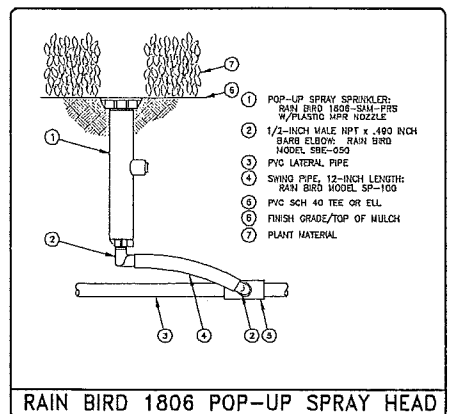
2. MAINLINE AS SHOWN IS FOR CLARITY PURPOSES ONLY. INSTALL PER IRRIGATION NOTES.

3. STATIC SUCTION LIFT FOR THE PUMP STATION CAN NOT EXCEED 15'. IF THIS MAXIMUM IS EXCEEDED DO NOT PROCEED WITHOUT WRITTEN PERMISSION FROM THE OWNER/OWNER'S REPRESENTATIVE.

4. CHECK THE WATER QUALITY TO ENSURE IT IS SUITABLE FOR LANDSCAPE PLANTINGS. USE THE SERVICES OF A REPUTABLE, LICENSED LABORATORY ONLY. IF THE WATER IS DETERMINED SUITABLE, CONTINUE IRRIGATION INSTALLATION. IF THE WATER QUALITY IS UNSUITABLE, DO NOT PROCEED WITHOUT WRITTEN DIRECTION FROM THE OWNER/OWNER'S REPRESENTATIVE.

IF A HIGH IRON CONTENT (OR OTHER STAIN PRODUCING COMPOUND) IS DETECTED, ADVISE THE OWNER/OWNER'S REPRESENTATIVE. DO NOT PROCEED WITHOUT WRITTEN PERMISSION. IF STAINING IS A CONCERN, A CHEMICAL FEED PUMP SYSTEM SHOULD BE INSTALLED BY THE PUMP SYSTEM MANUFACTURER.

5. THE IRRIGATION CONTROL SYSTEM IS A RAIN BIRD MAXICOM SYSTEM. REFER TO NOTES AND DETAILS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.



Oct 22, 2003

APPROVED: _____
DATE: _____
SCALE: _____

MEDIAN IRRIGATION DETAILS - PHASE II

SAMPLE ROAD STREETSCAPE
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FOR: CITY OF COCONUT CREEK

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