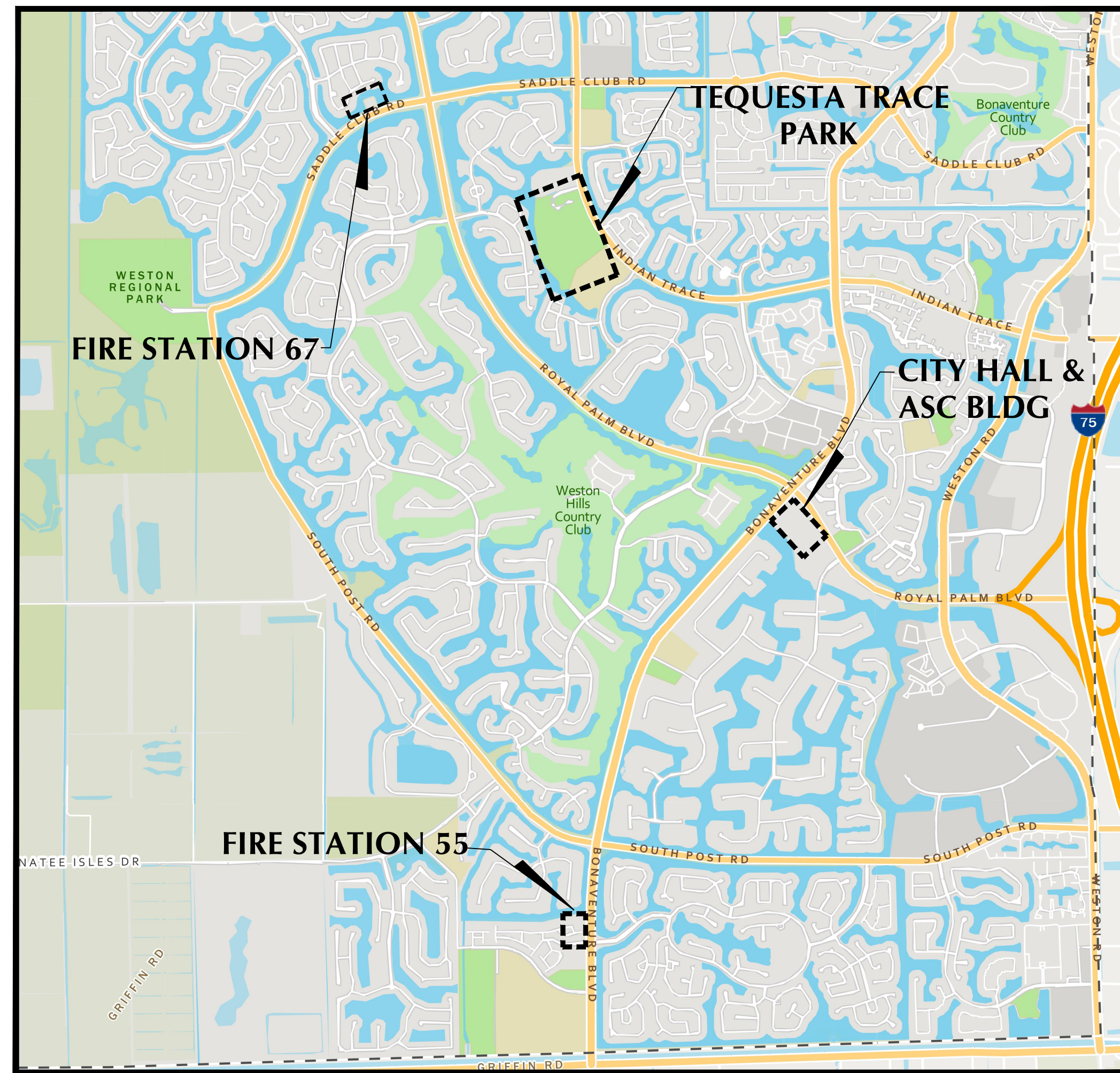


MILLING AND RESURFACING OF PARKING LOTS

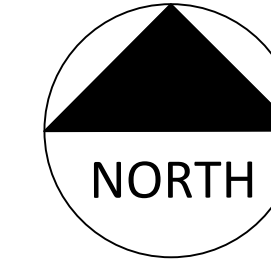
Tequesta Trace Park, City Hall-Administrative Services Center, Fire Station 67, Fire Station 55
Weston, Florida 33326



LOCATION PLAN



Project Location Map



CITY OFFICIALS

MAYOR: MARGARET BROWN
COMMISSIONERS: BYRON L. JAFFE
 MARY MOLINA-MACFIE
 CHRIS EDDY
 HENRY MEAD
CITY MANAGER/CEO: DONALD P. DECKER

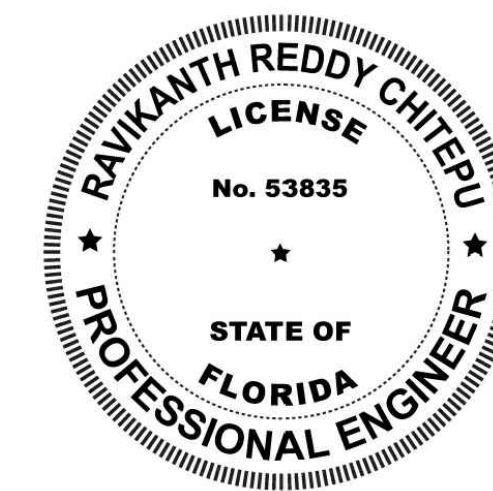
SHEET NO.	SHEET TITLE
1	COVER PAGE
2 TO 3	PROJECT NOTES
4	SUMMARY OF QUANTITIES
5 TO 8	TEQUESTA TRACE PARK PLAN
9	TEQUESTA TRACE PARK ACCESSIBLE ROUTE PLAN
10	CITY HALL & ADMINISTRATIVE SERVICES PLAN
11	FIRE STATION 67 PLAN
12	FIRE STATION 55 PLAN
13	CONCRETE CURB AND SIDEWALK DETAILS
14	BRICK PAVERS DETAIL
15	TRUNCATED DOME PAVER DETAIL
16	ACCESSIBLE PARKING DETAILS
17 TO 19	FDOT STD. DETAILS - SIDEWALK AND CURB RAMPS
20	BCTED PAVEMENT MARKINGS AND SIGNS DETAIL

SCOPE OF WORK:

- MILL ONE (1) INCH OF EXISTING ASPHALT PAVEMENT, REMOVE, AND DISPOSE MATERIALS.
- APPLY TACK COAT TO MILLED SURFACE WITH FDOT APPROVED TRACKLESS TACK COAT.
- RE-SURFACE WITH ONE (1) INCH SP 9.5, TRAFFIC LEVEL C, ASPHALTIC CONCRETE MIX FROM CURRENT FDOT APPROVED PRODUCTION FACILITY. CONTRACTOR SHALL SUBMIT DESIGN MIX FOR CITY APPROVAL.
- INSTALL TEMPORARY LATEX PAVEMENT MARKING IMMEDIATELY AFTER PAVING, AND THERMOPLASTIC PAVEMENT MARKINGS AFTER 30 DAYS OF ASPHALT CURING.
- RETRO-FIT ALL EXISTING ADA RAMPS TO MEET CITY OF WESTON AND FDOT STANDARDS.
- REPLACEMENT OF DAMAGED CURBS & SIDEWALKS.
- INSTALL SEDIMENT AND EROSION CONTROL PLAN BMP'S TO PROTECT ALL EXISTING CATCH BASINS AND WATER BODIES THAT MAY BE IMPACTED BY THE CONSTRUCTION.



BID SET 05-20-24
NOT FOR CONSTRUCTION



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES

CITY OF WESTON PUBLIC WORKS
2599 SOUTH POST ROAD
WESTON FL 33327
954-385-2600

REDDY CHITEPU, P.E. 53835

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH THE RULE 61G15-23.004, F.A.C.

SHEET NO.	SHEET TITLE
1	COVER PAGE
2 TO 3	PROJECT NOTES
4	SUMMARY OF QUANTITIES
5 TO 8	TEQUESTA TRACE PARK PLAN
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14	BRICK PAVERS DETAIL
15	TRUNCATED DOME PAVER DETAIL
16	ACCESSIBLE PARKING DETAILS

PERMIT NUMBER	DATE APPROVED	CGA/COW INITIALS	DATE SUBMITTED	PERMITTING AGENCIES
				CITY OF WESTON - BUILDING DEPARTMENT APPROVAL
				CITY OF WESTON - UTILITY ENGINEERING APPROVAL
				CITY OF WESTON - LANDSCAPING APPROVAL
				CITY OF WESTON - ZONING APPROVAL

NO	DATE	REVISION	BY	NO	DATE	REVISION	BY

A. General Notes

1. The CONTRACTOR shall furnish all mobilization, labor, supervision, materials, equipment, supplies, tools, safety measures, Maintenance of Traffic (MOT) services and all incidentals required to perform the work required in this project.
2. For all Bid Items stated unit price shall include materials, labor, supervision, equipment and all incidentals to complete the work.
3. The CONTRACTOR shall take photographs or videos of the jobsite prior to start of the construction.
4. The CONTRACTOR shall not store any equipment overnight within the right-of-way.
5. The CONTRACTOR may be allowed space for equipment staging at a CITY facility provided space is available at the time of the request. Final approval shall be determined by the CITY. The CITY shall not be held liable for damage or injury caused by CONTRACTOR's equipment stored at a CITY property. If requested by the CITY, the CONTRACTOR shall immediately remove all equipment from CITY facility within 2 hours of being notified. Failure to do so will result in removal of the equipment by the CITY. The CONTRACTOR shall reimburse the CITY all costs associated with the removal of the equipment. Costs include but are not limited to: towing or transportation expenses, staff labor costs and other related CITY contract provider expenses.
6. The CONTRACTOR shall ensure all equipment safety devices recommended by the manufacturer are installed and properly maintained.
7. The CONTRACTOR shall ensure that before the commencement of any work, it shall provide a control plan for the protection from damage of adjacent, surrounding property, real estate, vehicles, and equipment. The CONTRACTOR is responsible for any damage to surrounding property, real estate, vehicles, and equipment as a result of the construction work and shall repair such damage to the satisfaction of the City Inspector, at no expense to the City.
8. The CONTRACTOR shall report to the City promptly and replace any damaged area, facility and equipment.
9. All accidents occurring on the job which damage public or private property, or result in injuries to workers or other persons, or damage to utilities shall be promptly reported to the City.
10. Any incidental item of material, labor or detail required for the proper completion of the work omitted from these specifications but obviously required by governing laws, local regulations, trade practices or good workmanship shall be provided without extra charge even though not specifically detailed or mentioned.
11. The CONTRACTOR shall maintain a clean and safe work environment.
12. All existing structures, utilities, services, roads, etc., shall be protected against damage or interrupted service at all times by the CONTRACTOR and the CONTRACTOR shall be held responsible for any damage caused by reason of his operations on the property.
13. The CONTRACTOR shall prevent damage to any tree or shrubs. It shall be the CONTRACTOR'S responsibility to replace the damaged tree at no expense to the City and at the satisfaction of the City's Landscaping Department. All tree and root pruning must be done by City registered Arborist.
14. Work activities such as road closures and night and weekend work shall be coordinated and approved by the City.
15. The CONTRACTOR shall keep the project limits free from accumulation of waste materials, rubbish and other debris resulting from the work.
16. After completion of the work the CONTRACTOR shall remove all waste materials and debris from around the worksite.
17. At all times CONTRACTOR shall take precautionary measures to prevent fire hazards and spontaneous combustion.

18. For the purpose of this solicitation, Bid Items stated were estimated. Payment shall be based on installed quantities and measured prior to payment.

19. A set of scaled plans is included in the bid document package and the CONTRACTOR shall be responsible for site visits to ascertain all conditions and quantities.

B. Concrete Curb, Sidewalk or Walkway

1. Concrete material shall be plant mix, 3,000 psi, 28-day strength and shall be properly formed and pitched for drainage and ADA compliance.
2. Base shall be a minimum of four (4) inch thick well compacted lime rock base.
3. Sidewalk & curb shall conform to FDOT specifications in the current FDOT Design Index 520-001 for Curb and Gutter and Index 522-001 for Sidewalk and the FDOT Standard Specifications for Roads & Bridge Construction.
4. Concrete thickness shall be per plans.
5. Sidewalk and Curb Ramps shall be constructed per current FDOT Index 522-002.
6. The ADA truncated dome detectable warning surface shall be per City of Weston Standard Detail R-19A.
7. CONTRACTOR shall provide and maintain orange safety cap protection on all concrete form pins or steel rebars.
8. Limits of concrete sidewalk replacement segments shown on the plans shall be verified with the City prior to repair/replacement.

C. Root Guard or Barrier

1. Root barrier material shall be the Bio-Barrier root guard and shall be twenty four (24) inches wide and installed per manufacturer's instructions. The root pruning shall be performed by a City registered arborist.

D. Pavement Marking

1. Pavement marking material shall be Thermoplastic & must conform to the most current edition of the FDOT APL & Standard Specifications for Roads & Bridge Construction and manufacturer's application instruction.
2. CONTRACTOR shall install a temporary latex paint pavement marking with reflective glass beads immediately after paving. The permanent or final Thermoplastic pavement traffic markings material shall be applied or installed after 30 days of asphalt curing.

E. Permits

1. No work shall be permitted without approval from the City.
2. Permits shall be acquired by the CONTRACTOR and Engineering Permit fee shall be waived.
3. CONTRACTOR shall be responsible for all coordination with permit agencies.

F. Staff

The CONTRACTOR shall maintain the personnel resources necessary to manage staff and perform the work within this contract.

G. Maintenance of Traffic

1. CONTRACTOR shall be responsible for Maintenance of Traffic (MOT).
2. The CONTRACTOR shall be responsible for submitting a detailed MOT that must be approved by the City prior to starting work.
3. The CONTRACTOR shall reference to FDOT Index 102-600 for MOT design applicable to the project.
4. The CONTRACTOR shall keep the MOT plan available for review at all times. The CONTRACTOR shall furnish, erect, and maintain all necessary traffic control devices in accordance with the approved MOT and the Manual of Uniform Traffic Control Devices (MUTCD) and the Florida Department of Transportation Roadway Design Standards.
5. The CONTRACTOR shall maintain the MOT elements to the final completion of the project.

H. Products

1. CONTRACTOR shall provide the technical data sheet and shop drawings in accordance with what is specified in the plans for the City to review and approve.

I. Execution

1. Method - It is the responsibility of the CONTRACTOR to develop the methodology, material and equipment used to obtain the results specified while adhering to the requirements set forth in these documents.
2. Supervision and Responsibility - The CONTRACTOR shall at all times enforce strict discipline and good order among his employees and shall not employ an unfit person or anyone not skilled in the Work assigned to him. SUBCONTRACTOR's whose work is unsatisfactory to the City or who are considered by the City's representative as careless, incompetent, unskilled or disorderly or who use threatening or abusive language to any person shall be dismissed from work upon notice from the City and shall not be employed to perform the Work thereafter. No liquor, alcoholic beverages or drugs shall be allowed on the site of the Work. The CONTRACTOR shall operate a drug free workplace.
3. Uniforms - CONTRACTOR shall provide all employees with color coordinated uniforms that shall meet the City's public image requirements and be maintained by CONTRACTOR so that all personnel are neat, clean and professional in appearance at all times. Non-uniform clothing will not be permitted, including for new employees.
4. Vehicles - CONTRACTOR shall keep all vehicles in good repair, free from leaking fluids, properly registered, of uniform color and shall bear the company name on each side in not less than 1½" letters.
5. Equipment Safety - CONTRACTOR shall keep all equipment in an efficient and safe operating condition while performing work under the contract. Equipment shall have proper safety devices maintained at all times while in use. If equipment does not contain proper safety devices and/or is being operated in an unsafe manner, the City may direct the CONTRACTOR to remove such equipment and/or the operator until the deficiency is corrected to the satisfaction of the City. The CONTRACTOR shall be responsible and liable for injury to persons and property caused by the operation of the equipment.
6. Discovery and Notification - If the CONTRACTOR discovers damages, vandalism or theft, the CONTRACTOR shall immediately notify the City of same, and shall file a police report of the occurrence.
7. The CONTRACTOR will perform all work in a manner that minimizes road hazards for the motoring public. All reasonable precautions will be taken to protect public and private property, such as sidewalks, pavement, lawns, fences, bushes, trees, shrubs, buildings, and other property from undue damage. If the City determines that CONTRACTOR has unnecessarily damaged or destroyed property, it shall be repaired or replaced to the satisfaction of the City at the CONTRACTOR'S expense.



J. Stormwater Pollution Prevention

1. The CONTRACTOR shall prepare and submit a Stormwater Pollution Prevention Plan (SWPPP) to the Engineer/City for review and approval.
2. SWPPP elements are to be installed throughout the clearing and grubbing limits, or at the locations directed by the City. These elements include but are not limited to filter fabrics, silt socks, hay bales, silt fences, turbidity barriers etc.
3. SWPPP elements shall be installed at all areas prior to excavation or fill.
4. All streams or ditches are to be protected from erosion or siltation by the methods detailed in the SWPPP.
5. All inlet entrances are to be protected from siltation as detailed in the SWPPP.
6. SWPPP elements are to be maintained throughout the life of the project as necessary for the various construction phases. The CONTRACTOR must insure that all of these elements function properly at all times.
7. The SWPPP submitted by the CONTRACTOR shall describe in detail how the construction effort will be staged with regards to minimizing erosion problems by the use of temporary and permanent erosion control measures implemented.
8. Outfall protection - project pipe or ditch discharges into off-site outfalls shall be inspected daily for sediment buildup or transport. Outfalls shall be protected, as directed by Project Engineer, through use of SWPPP elements as necessary to contain any sediment loss to the immediate area of the project. Any sediment buildup or transport off site shall be CONTRACTOR'S responsibility to remedy.
9. Silt fences and hay bales - silt fences shall be placed at the base of any slope where a rainfall event could erode a slope and transport sediments off-site. Hay bales shall be placed at the downstream end of cross drain pipe prior to off-site discharge and across proposed ditches prior to discharge into existing ditches. If erosion deposits reach top elevation of silt fences or bales, sediments should be removed. Damaged or ineffective silt fences or bales damaged or ineffective silt fences or bales are to be replaced. The Engineer may specify other measures as necessary.
10. Stockpiled materials - this material shall not be left in erosion prone areas unless protected by cover or bales.
11. Daily inspection - inspection of all storm water pollution prevention measures and condition of adjacent properties shall be performed by the CONTRACTOR. Deficiencies shall be noted and corrected.
12. All erosion and material deposits must be contained within the project limits.
13. CONTRACTOR shall provide a silt fence at drainage structures, swales and water bodies at the direction of Engineer.
14. Protect existing catch basins on site and in the immediate vicinity of the site with filter fabric or hay bales.
15. Install soil tracking prevention device, if required.
16. Trash and waste material generated on site during construction shall be removed on a daily basis.
17. CONTRACTOR shall provide trash receptacles on site.

K. Landscaping

1. All proposed root pruning and tree trimming must be done in accordance with the City of Weston Code requirements by a City of Weston registered tree professional
2. Coordinate with City of Weston Landscape Inspector to inspect the tree protection barriers prior to root pruning and tree trimming activities.
3. Saint Augustin "Palmetto" sod to be utilized for all proposed sod and repairs to existing sod damaged by construction activities.
4. All sod to be healthy, weed / pest free (including fungus and disease) Saint Augustin "Palmetto" and laid smooth over 2" specified planting soil with tight alternating and abutting joints which conform to curbs and planters.
5. Call the City of Weston Landscape Inspector at 954-921-7781 to schedule a pre-construction landscape meeting prior to commencement of construction.
6. The CONTRACTOR must be responsible to investigate and to coordinate with the City and property Owner's for the existing irrigation systems that must be cut and capped prior to start of construction and to ensure the irrigation of the remaining plant materials covered by the existing irrigation systems. There may be private irrigation systems in the right-of-way limits of construction.
7. The CONTRACTOR must be responsible to water the newly installed sod and plant materials seven (7) days a week for thirty (30) days or until the sod are established and accepted by the City Landscape Inspector.
8. Any irrigation that is damaged during construction must be capped or repaired to equal or better immediately. Additionally, during the final inspection an irrigation inspection must be done to verify that the irrigation is working appropriately. The irrigation must achieve 100% coverage, 100% overlap and no overspray on impervious areas.
9. Provide tree protection, barricades around all trees that may be affected by the construction. Be aware of the existing tree canopy, trunks and roots to prevent damage during the construction.



SUMMARY OF QUANTITIES

PAY ITEM	PAY ITEM DESCRIPTION <small>(ITEMS MUST INCLUDE INCIDENTAL COSTS INCLUDING BUT NOT LIMITED TO MOBILIZATION & MAINTENANCE OF TRAFFIC)</small>	UOM	TEQUESTA TRACE PARK	CITY HALL/ASC	FIRE STATION 55	FIRE STATION 67	ITEM TOTAL QUANTITY
1	MILL, REMOVE AND DISPOSE EXISTING ASPHALT PAVEMENT ONE (1) INCH THICK	SY	22,660	8,269	2,127	1,842	34,898
2	RESURFACE ONE (1) INCH THICK WITH CURRENT FDOT APPROVED SP 9.5, TRAFFIC LEVEL C ASPHALTIC CONCRETE MIX AND TRACKLESS TACK COAT	SY	22,660	8,297	2,127	1,842	34,926
3	SCARIFY, REMOVE, DISPOSE, INSTALL FDOT LBR 100 LIME ROCK, REWORK & COMPACTION OF DAMAGED LIME ROCK BASE UP TO 4" THICK (ESTIMATED QUANTITY FOR USE AS NEEDED WITH CITY APPROVAL)	SY	100	10	5	5	120
4	6" THERMOPLASTIC LINE (ALL COLORS) PAVEMENT MARKING INCLUDING TEMPORARY LATEX MARKING	LF	8,399	2,525	368	342	11,634
5	12" THERMOPLASTIC LINE (ALL COLORS) PAVEMENT MARKING INCLUDING TEMPORARY LATEX MARKING	LF	167	92	84	-	343
6	18" THERMOPLASTIC LINE (ALL COLORS) PAVEMENT MARKING INCLUDING TEMPORARY LATEX MARKING	LF	-	20	25	-	45
7	24" THERMOPLASTIC LINE (ALL COLORS) PAVEMENT MARKING INCLUDING TEMPORARY LATEX MARKING	LF	240	183	97	92	612
8	6" THERMOPLASTIC DOUBLE YELLOW PAVEMENT MARKING INCLUDING TEMPORARY LATEX MARKING	LF	796	250	228	293	1,567
9	18" HIGH LETTERS THERMOPLASTIC "FIRE LANE" PAVEMENT MARKING INCLUDING TEMPORARY LATEX MARKING	EA	-	1	-	-	1
10	18" HIGH LETTERS THERMOPLASTIC "NO PARKING" PAVEMENT MARKING INCLUDING TEMPORARY LATEX MARKING	EA	1	1	-	-	2
11	18" HIGH LETTERS THERMOPLASTIC "LOADING ZONE" PAVEMENT MARKING INCLUDING TEMPORARY LATEX MARKING	EA	1	1	-	-	2
12	THERMOPLASTIC WHITE DIRECTIONAL SINGLE ARROW PAVEMENT MARKING INCLUDING TEMPORARY LATEX MARKING	EA	2	8	3	3	16
13	THERMOPLASTIC WHITE DIRECTIONAL DOUBLE ARROW PAVEMENT MARKING INCLUDING TEMPORARY LATEX MARKING	EA	-	2	-	-	2
14	THERMOPLASTIC ADA PARKING, COMPLETE SET WITH SYMBOL & AISLE FOR SINGLE STALL PAVEMENT MARKING INCLUDING TEMPORARY LATEX MARKING	EA	1	1	1	1	4
15	THERMOPLASTIC ADA PARKING, COMPLETE SET WITH SYMBOL & AISLES FOR DOUBLE STALL PAVEMENT MARKING INCLUDING TEMPORARY LATEX MARKING	EA	1	2	-	-	3
16	THERMOPLASTIC ADA PARKING, COMPLETE SET WITH SYMBOL & AISLES FOR FOUR (4) STALLS PAVEMENT MARKING INCLUDING TEMPORARY LATEX MARKING	EA	2	-	-	-	2
17	FURNISH & INSTALL REFLECTIVE PAVEMENT MARKINGS (ALL COLORS)	EA	51	33	12	20	116
18	REMOVE, DISPOSE, FURNISH & INSTALL 6"H X 9"W X 72"L HEAVY DUTY GREY CONCRETE WHEELS STOPS (QUANTITY INCLUDES ADA PARKING)	EA	455	103	19	23	600
19	YELLOW LATEX WITH REFLECTIVE GLASS BEADS FOR MEDIAN BULL NOSE PAINTING	SF	70	25	-	-	95
20	REMOVE, DISPOSE, FURNISH & INSTALL CONCRETE TYPE "D" CURB (CITY WILL MARK LOCATIONS & PERFORM ROOT PRUNING PRIOR TO CONSTRUCTION)	LF	750	250	50	50	1,100
21	FURNISH & INSTALL CONCRETE "F" CURB OR VALLEY GUTTER (CITY WILL MARK LOCATIONS & PERFORM ROOT PRUNING PRIOR TO CONSTRUCTION)	LF	150	70	90	20	330
22	FURNISH & INSTALL 2' X 4' TRUNCATED DOME PAVERS PER STANDARD DETAIL R-19A FOR SKATING RINK HANDICAP PARKING	EA	3	-	-	-	3
23	REMOVAL, DISPOSAL, FURNISH & INSTALL 4-INCH THICK EXISTING CONCRETE SIDEWALK, 3,000 PSI, CLASS 1 CONCRETE (CITY WILL MARK LOCATIONS & PERFORM ROOT PRUNING PRIOR TO CONSTRUCTION)	SY	420	10	10	10	450
24	REMOVAL, DISPOSAL, FURNISH & INSTALL 8-INCH THICK EXISTING CONCRETE SIDEWALK, 3,000 PSI, CLASS 1 CONCRETE (CITY WILL MARK LOCATIONS & PERFORM ROOT PRUNING PRIOR TO CONSTRUCTION)	SY	200	-	-	-	200
25	MOTORIZED CONCRETE BUGGY	DAY	3	-	-	-	3
26	REMOVE, DISPOSE EXISTING, LEVELING, FURNISH AND INSTALL TO REPLACE TRAFFIC RATED BRICK PAVERS FOR DRIVEWAY TO MATCH PARKING PAVERS	SY	-	49	-	-	49
27	FURNISH & INSTALL TRAFFIC RATED BRICK PAVERS INCLUDING 8" FDOT LBR 100 LIME ROCK COMPACTED TO 98%, AASHTO T-180 AND COMPLETE SET OF TWO (2) HANDICAP SPACES FOR PARKING	SY	-	259	-	-	259
28	FURNISH & INSTALL 12"X 18" CONCRETE COLLAR, 4,000 PSI FOR PAVER PARKING	LF	-	133	-	-	133
29	REMOVE, DISPOSE EXISTING RAMP, FURNISH & INSTALL CONCRETE ADA COMPLIANT SIDEWALK CURB RAMP PER CURRENT FDOT INDEX 522-002, CR-D AND TRUNCATED DOME PAVERS PER WESTON STD DETAIL R-19A	EA	2	-	-	-	2
30	REMOVE, DISPOSE EXISTING RAMP, FURNISH & INSTALL CONCRETE ADA COMPLIANT SIDEWALK CURB RAMP PER CURRENT FDOT INDEX 522-002, CR-E AND TRUNCATED DOME PAVERS PER WESTON STD DETAIL R-19A	EA	1	1	4	4	10
31	REMOVE, DISPOSE EXISTING RAMP, FURNISH & INSTALL CONCRETE ADA COMPLIANT SIDEWALK CURB RAMP PER CURRENT FDOT INDEX 522-002, CR-G AND TRUNCATED DOME PAVERS PER WESTON STD DETAIL R-19A	EA	4	-	-	-	4
32	REMOVE, DISPOSE EXISTING RAMP, FURNISH & INSTALL CONCRETE ADA COMPLIANT SIDEWALK CURB RAMP PER CURRENT FDOT INDEX 522-002, CR-H AND TRUNCATED DOME PAVERS PER WESTON STD DETAIL R-19A	EA	2	-	-	-	2
33	REMOVE, DISPOSE EXISTING RAMP, FURNISH & INSTALL CONCRETE ADA COMPLIANT SIDEWALK CURB RAMP PER CURRENT FDOT INDEX 522-002, CR-L AND TRUNCATED DOME PAVERS PER WESTON STD DETAIL R-19A	EA	4	-	-	-	4
34	FURNISH & INSTALL 2" X SCH 80 PVC CONDUIT	LF	-	1,200	-	-	1,200
35	14" X 19" X 12" UNDERGROUND ELECTRICAL SUPERFLEXON OR EQUAL JUNCTION BOX & COVER	EA	-	31	-	-	31
36	REMOVE, DISPOSE CONCRETE SLAB & CURB UP TO 6" THK INCLUDING LIME ROCK BASE (THIS ITEM IS FOR REMOVAL ONLY)	SY	100	-	-	-	100
37	REMOVE & DISPOSE TILE SIDEWALK. RESTORE CONCRETE SIDEWALK & TILES AFTER INSTALLATION OF CONDUIT	SY	-	24	-	-	24
38	SOD RESTORATION, PALMETTO SOD INCLUDING 2" 80/20 MIX TOP SOIL	SY	100	100	10	10	220

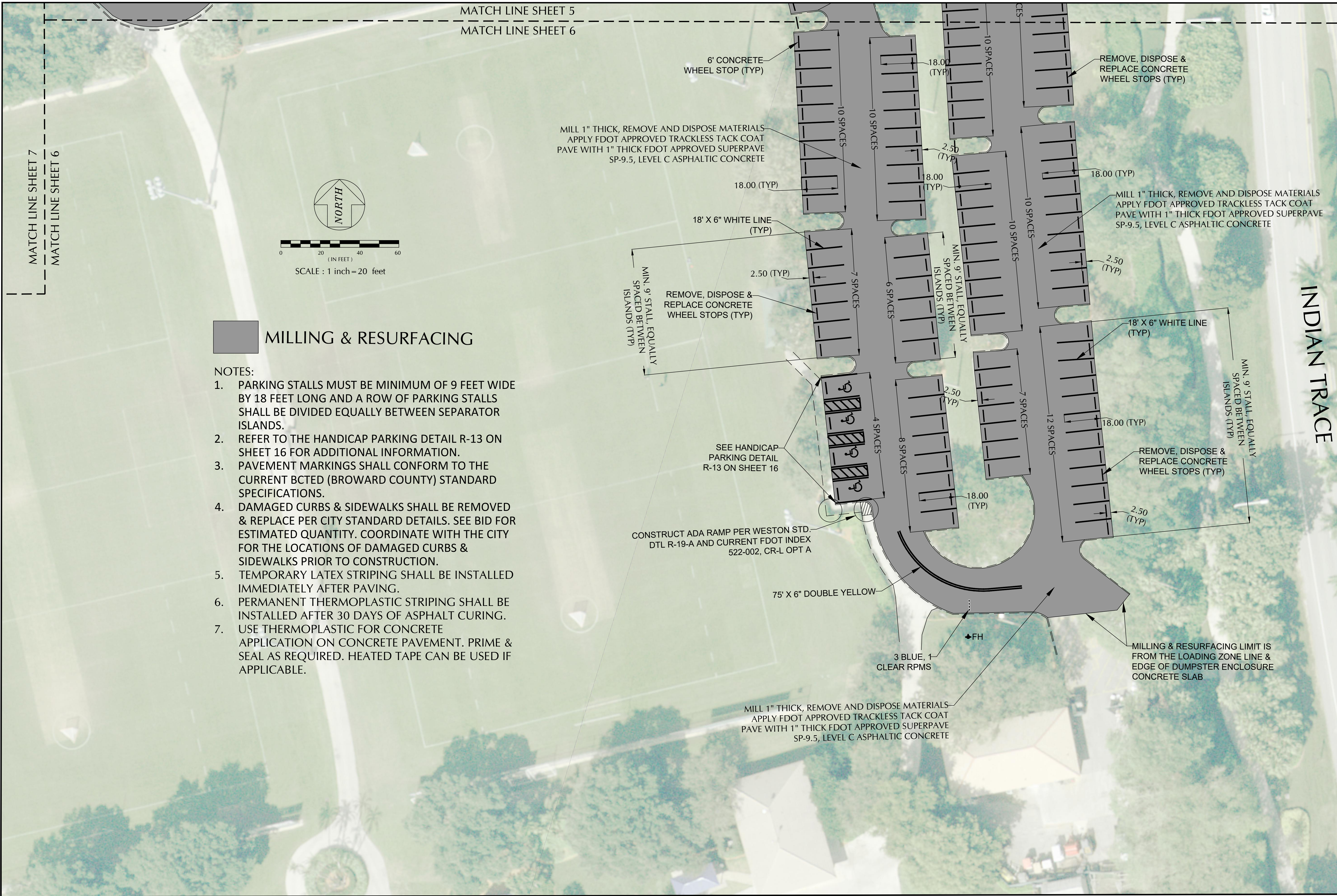
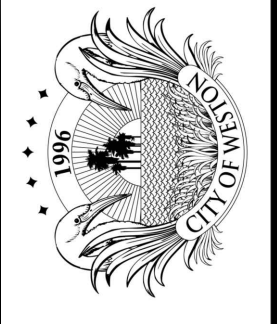
SHEET
4

Engineering Division
 Date: 04-19-24
 Drawn by: J. Casio
 Checked by: RC
 As-built drawn by:
 Field Inspector:
 Field Book No:

SUMMARY OF QUANTITIES
 MILLING AND RESURFACING OF PARKING LOTS
 Weston, Florida 33326

CITY OF WESTON
DEPARTMENT OF PUBLIC WORKS & UTILITIES
 2599 South Post Road, Weston, Florida 33327

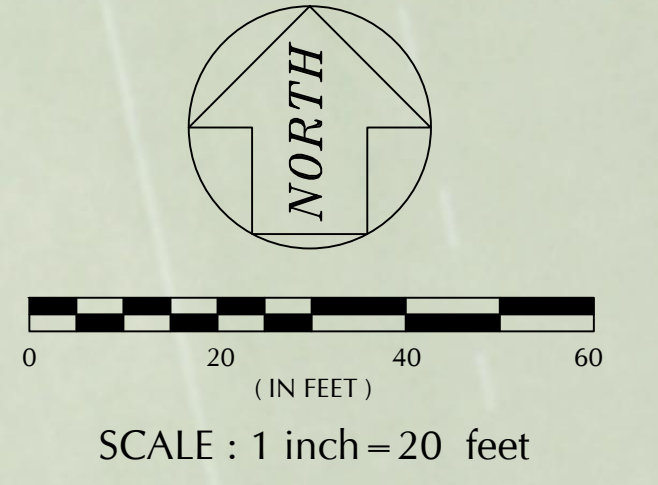


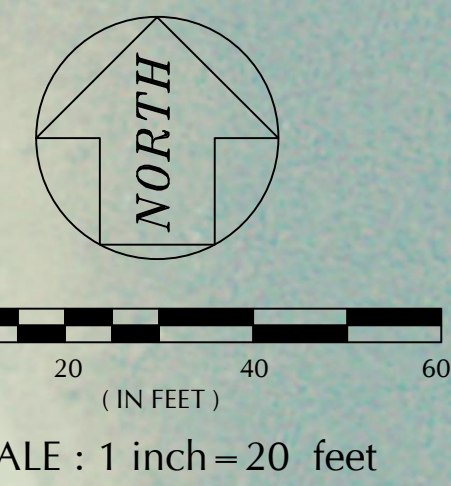
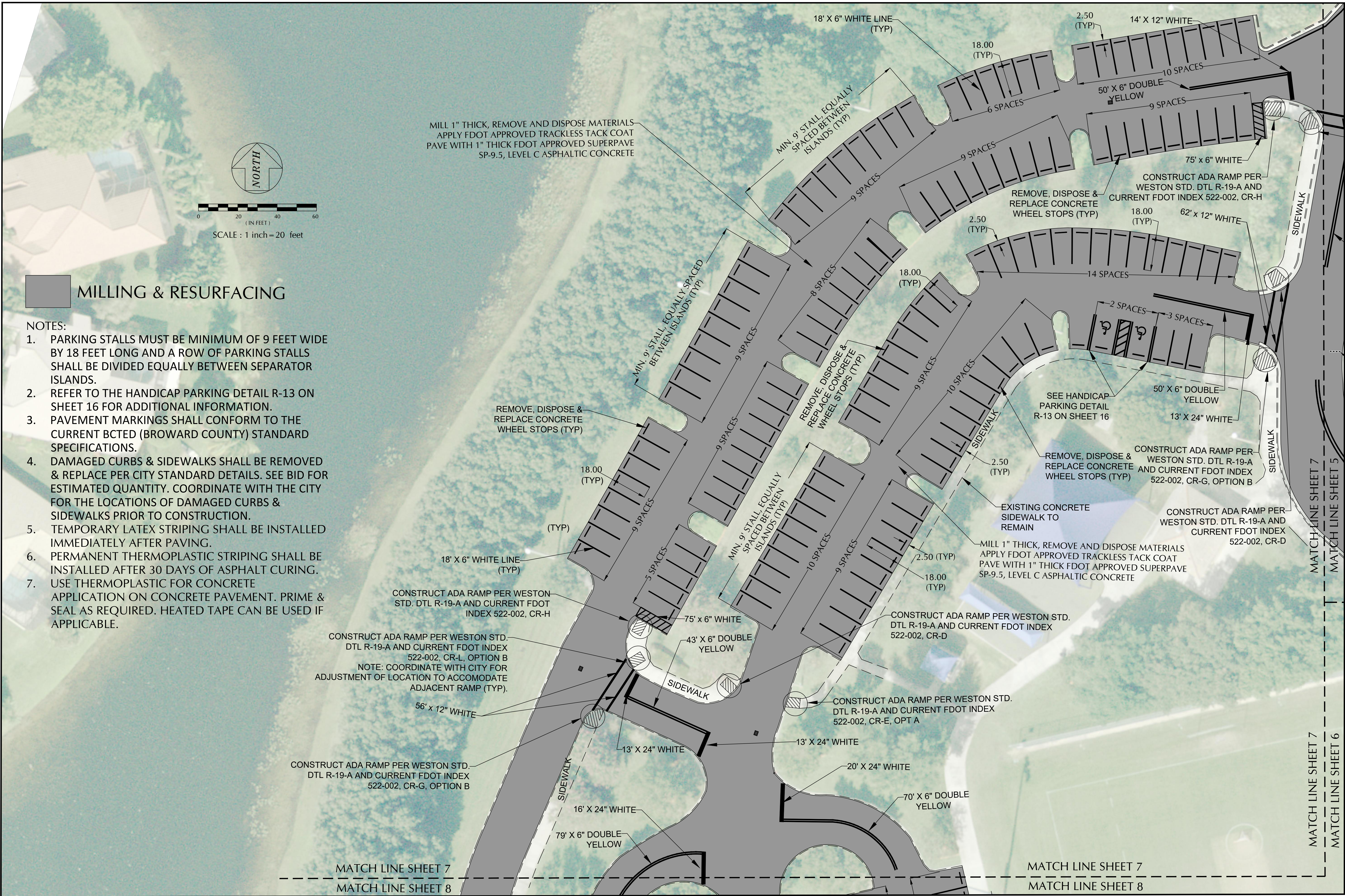


MILLING & RESURFACING

NOTES:

1. PARKING STALLS MUST BE MINIMUM OF 9 FEET WIDE BY 18 FEET LONG AND A ROW OF PARKING STALLS SHALL BE DIVIDED EQUALLY BETWEEN SEPARATOR ISLANDS.
2. REFER TO THE HANDICAP PARKING DETAIL R-13 ON SHEET 16 FOR ADDITIONAL INFORMATION.
3. PAVEMENT MARKINGS SHALL CONFORM TO THE CURRENT BCTED (BROWARD COUNTY) STANDARD SPECIFICATIONS.
4. DAMAGED CURBS & SIDEWALKS SHALL BE REMOVED & REPLACE PER CITY STANDARD DETAILS. SEE BID FOR ESTIMATED QUANTITY. COORDINATE WITH THE CITY FOR THE LOCATIONS OF DAMAGED CURBS & SIDEWALKS PRIOR TO CONSTRUCTION.
5. TEMPORARY LATEX STRIPING SHALL BE INSTALLED IMMEDIATELY AFTER PAVING.
6. PERMANENT THERMOPLASTIC STRIPING SHALL BE INSTALLED AFTER 30 DAYS OF ASPHALT CURING.
7. USE THERMOPLASTIC FOR CONCRETE APPLICATION ON CONCRETE PAVEMENT. PRIME & SEAL AS REQUIRED. HEATED TAPE CAN BE USED IF APPLICABLE.





MILLING & RESURFACING

NOTES:

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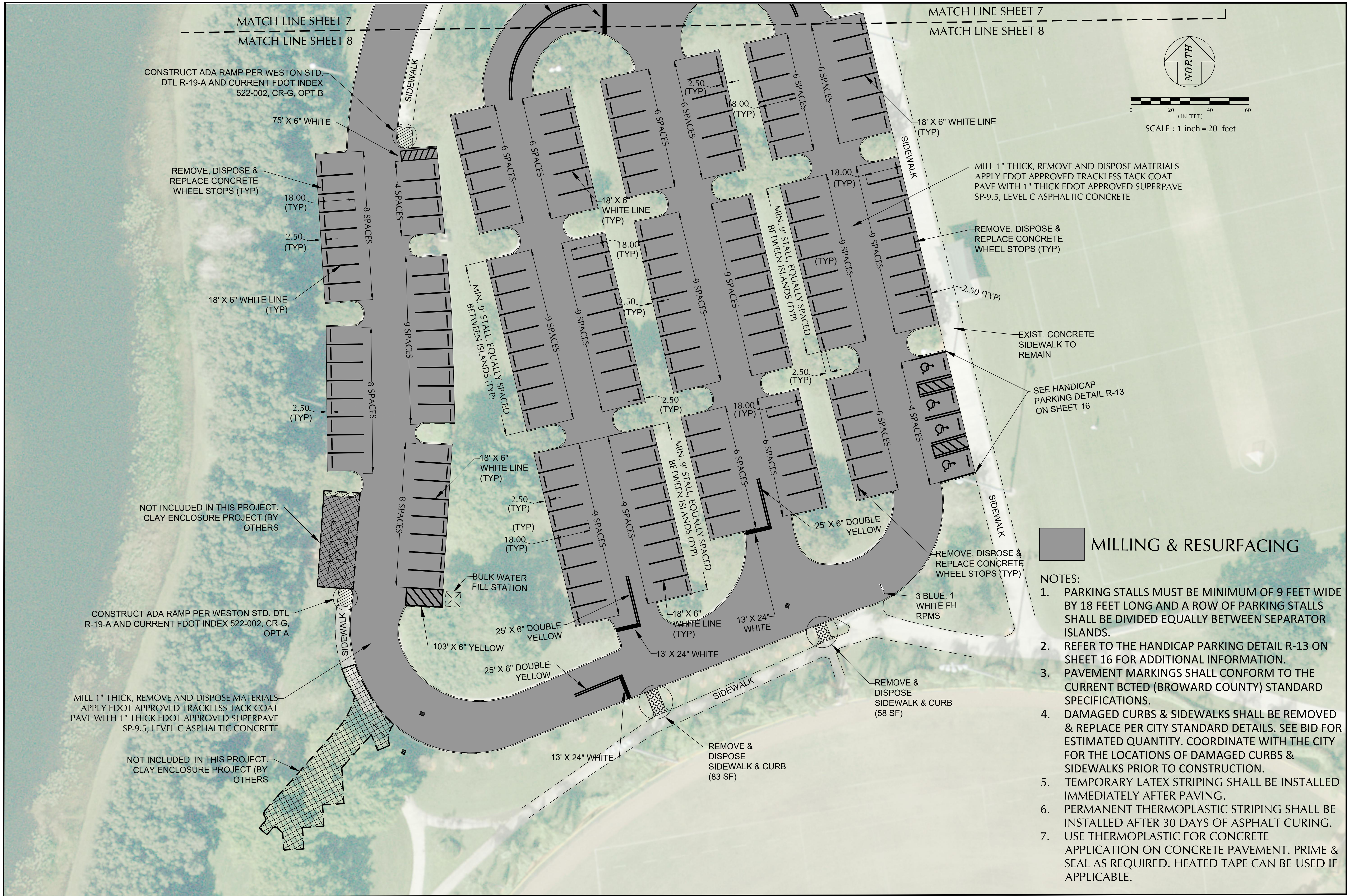
MILL 1" THICK, REMOVE AND DISPOSE MATERIALS
 APPLY FDOT APPROVED TRACKLESS TACK COAT
 PAVE WITH 1" THICK FDOT APPROVED SUPERPAVE
 SP-9.5, LEVEL C ASPHALTIC CONCRETE

MATCH LINE SHEET 7
 MATCH LINE SHEET 8

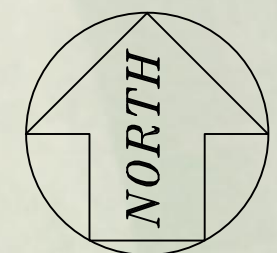
MATCH LINE SHEET 7
 MATCH LINE SHEET 8

MATCH LINE SHEET 7
 MATCH LINE SHEET 6

MATCH LINE SHEET 7
 MATCH LINE SHEET 5



MATCH LINE SHEET 7
MATCH LINE SHEET 8



0 20 40 60
(IN FEET)
SCALE : 1 inch = 20 feet

MILLING & RESURFACING

NOTES:

1. PARKING STALLS MUST BE MINIMUM OF 9 FEET WIDE BY 18 FEET LONG AND A ROW OF PARKING STALLS SHALL BE DIVIDED EQUALLY BETWEEN SEPARATOR ISLANDS.
2. REFER TO THE HANDICAP PARKING DETAIL R-13 ON SHEET 16 FOR ADDITIONAL INFORMATION.
3. PAVEMENT MARKINGS SHALL CONFORM TO THE CURRENT BCTED (BROWARD COUNTY) STANDARD SPECIFICATIONS.
4. DAMAGED CURBS & SIDEWALKS SHALL BE REMOVED & REPLACE PER CITY STANDARD DETAILS. SEE BID FOR ESTIMATED QUANTITY. COORDINATE WITH THE CITY FOR THE LOCATIONS OF DAMAGED CURBS & SIDEWALKS PRIOR TO CONSTRUCTION.
5. TEMPORARY LATEX STRIPING SHALL BE INSTALLED IMMEDIATELY AFTER PAVING.
6. PERMANENT THERMOPLASTIC STRIPING SHALL BE INSTALLED AFTER 30 DAYS OF ASPHALT CURING.
7. USE THERMOPLASTIC FOR CONCRETE APPLICATION ON CONCRETE PAVEMENT. PRIME & SEAL AS REQUIRED. HEATED TAPE CAN BE USED IF APPLICABLE.

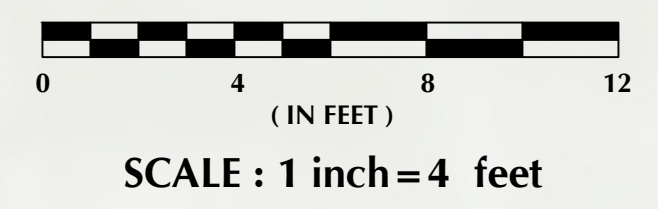
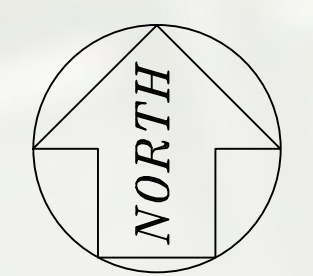
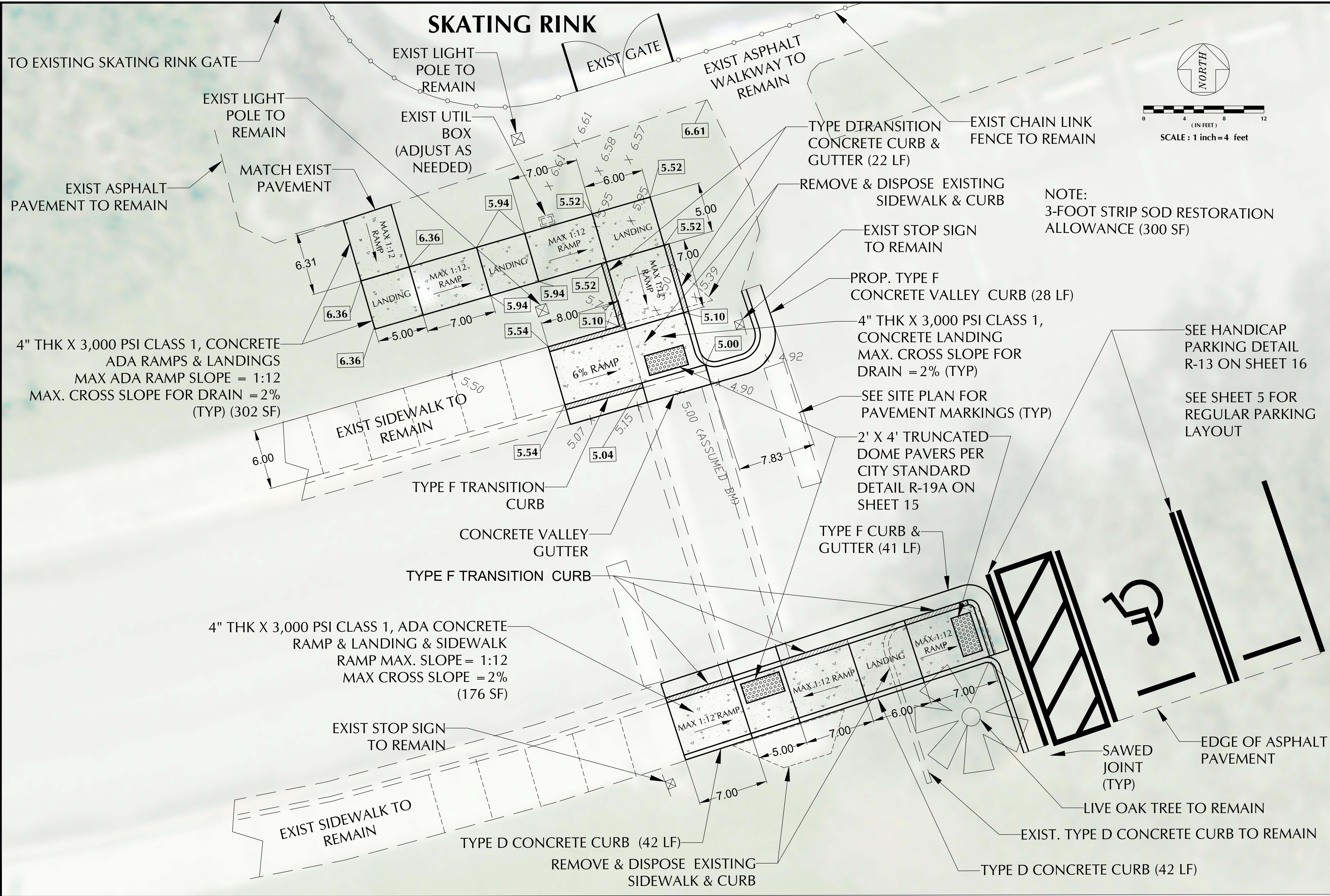
SHEET 8

Engineering Division
 Drawn by: S. FABIAN
 Checked by: RC
 As-built drawn by:
 Field Inspector:
 Field Book No.:

SITE PLAN
 TEQUESTA TRACE PARK
 MILLING AND RESURFACING OF PARKING LOTS
 600 Indian Trace, Weston, Florida 33326

CITY OF WESTON
 DEPARTMENT OF PUBLIC WORKS & UTILITIES
 2599 South Post Road, Weston, Florida 33327

SKATING RINK

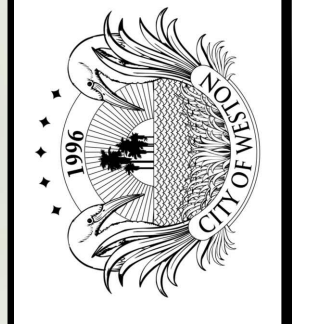


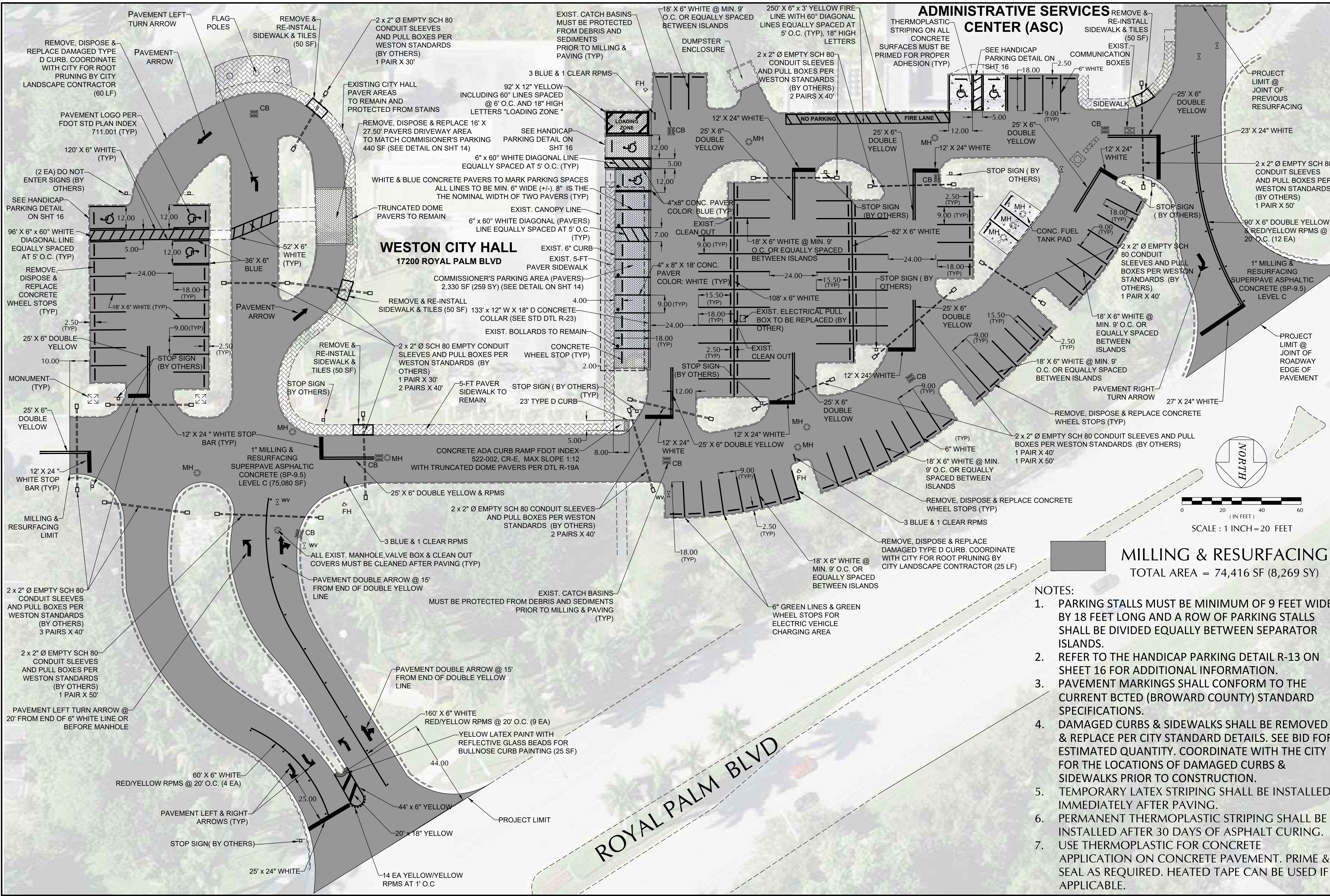
NOTE:
3-FOOT STRIP SOD RESTORATION
ALLOWANCE (300 SF)

Engineering Division	Date: 04-19-24
Drawn by: J CASIO	Date: 04-19-24
Checked by: RC	Date:
As-built drawn by:	Date:
Field Inspector:	Field Book No.:

SKATING RINK HANDICAP PARKING PLAN
TEQUESTA TRACE PARK
MILLING AND RESURFACING OF PARKING LOTS
Weston, Florida 33326

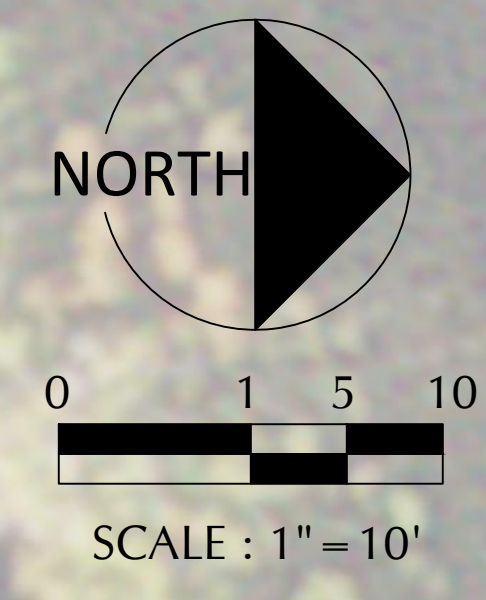
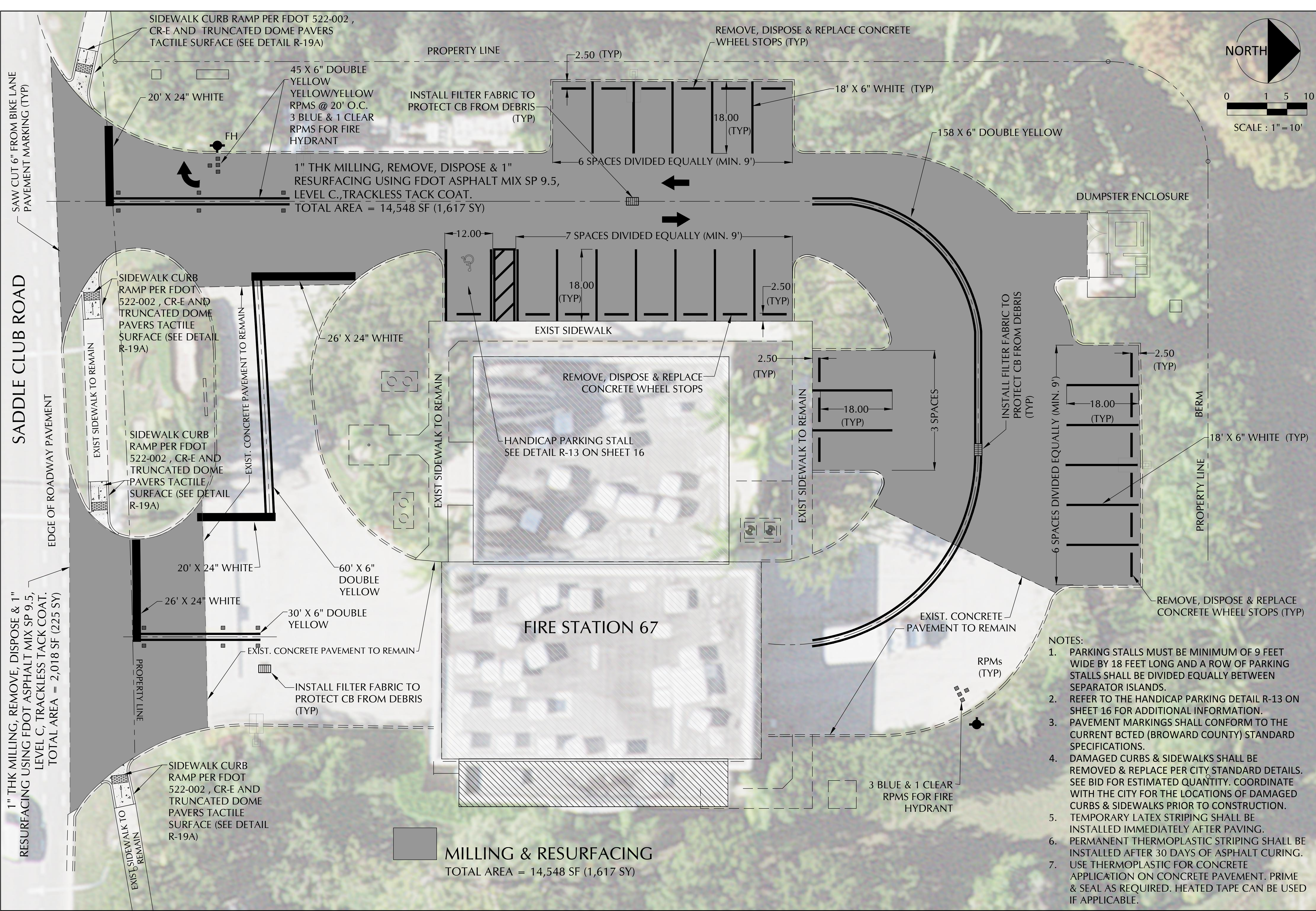
CITY OF WESTON
DEPARTMENT OF PUBLIC WORKS & UTILITIES
2599 South Post Road, Weston, Florida 33327





MILLING & RESURFACING
 TOTAL AREA = 74,416 SF (8,269 SY)

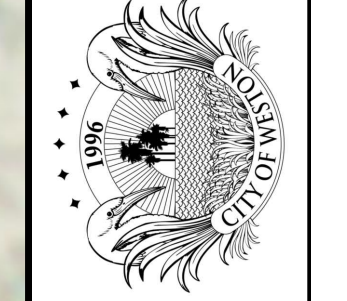
- NOTES:
1. PARKING STALLS MUST BE MINIMUM OF 9 FEET WIDE BY 18 FEET LONG AND A ROW OF PARKING STALLS SHALL BE DIVIDED EQUALLY BETWEEN SEPARATOR ISLANDS.
 2. REFER TO THE HANDICAP PARKING DETAIL R-13 ON SHEET 16 FOR ADDITIONAL INFORMATION.
 3. PAVEMENT MARKINGS SHALL CONFORM TO THE CURRENT BCTD (BROWARD COUNTY) STANDARD SPECIFICATIONS.
 4. DAMAGED CURBS & SIDEWALKS SHALL BE REMOVED & REPLACE PER CITY STANDARD DETAILS. SEE BID FOR ESTIMATED QUANTITY. COORDINATE WITH THE CITY FOR THE LOCATIONS OF DAMAGED CURBS & SIDEWALKS PRIOR TO CONSTRUCTION.
 5. TEMPORARY LATEX STRIPING SHALL BE INSTALLED IMMEDIATELY AFTER PAVING.
 6. PERMANENT THERMOPLASTIC STRIPING SHALL BE INSTALLED AFTER 30 DAYS OF ASPHALT CURING.
 7. USE THERMOPLASTIC FOR CONCRETE APPLICATION ON CONCRETE PAVEMENT. PRIME & SEAL AS REQUIRED. HEATED TAPE CAN BE USED IF APPLICABLE.



Engineering Division	
Drawn by: J. Casio	Date: 04-19-24
Checked by: RC	Date: 04-19-24
As-built drawn by:	Date:
Field Inspector:	Field Book No.:

SITE PLAN
FIRE STATION 67
MILLING AND RESURFACING OF PARKING LOTS
 951 Saddle Club Road, Weston, Florida 33326

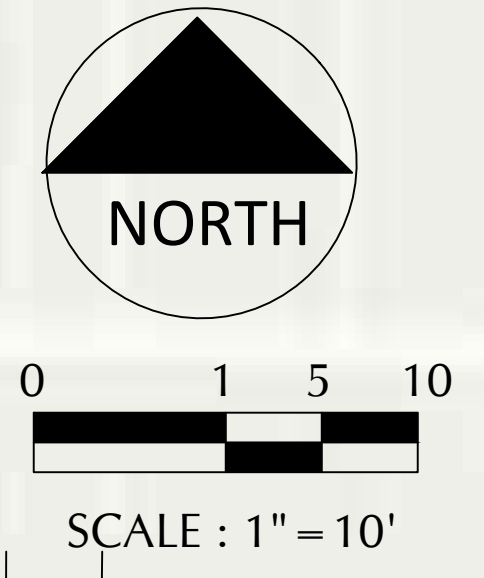
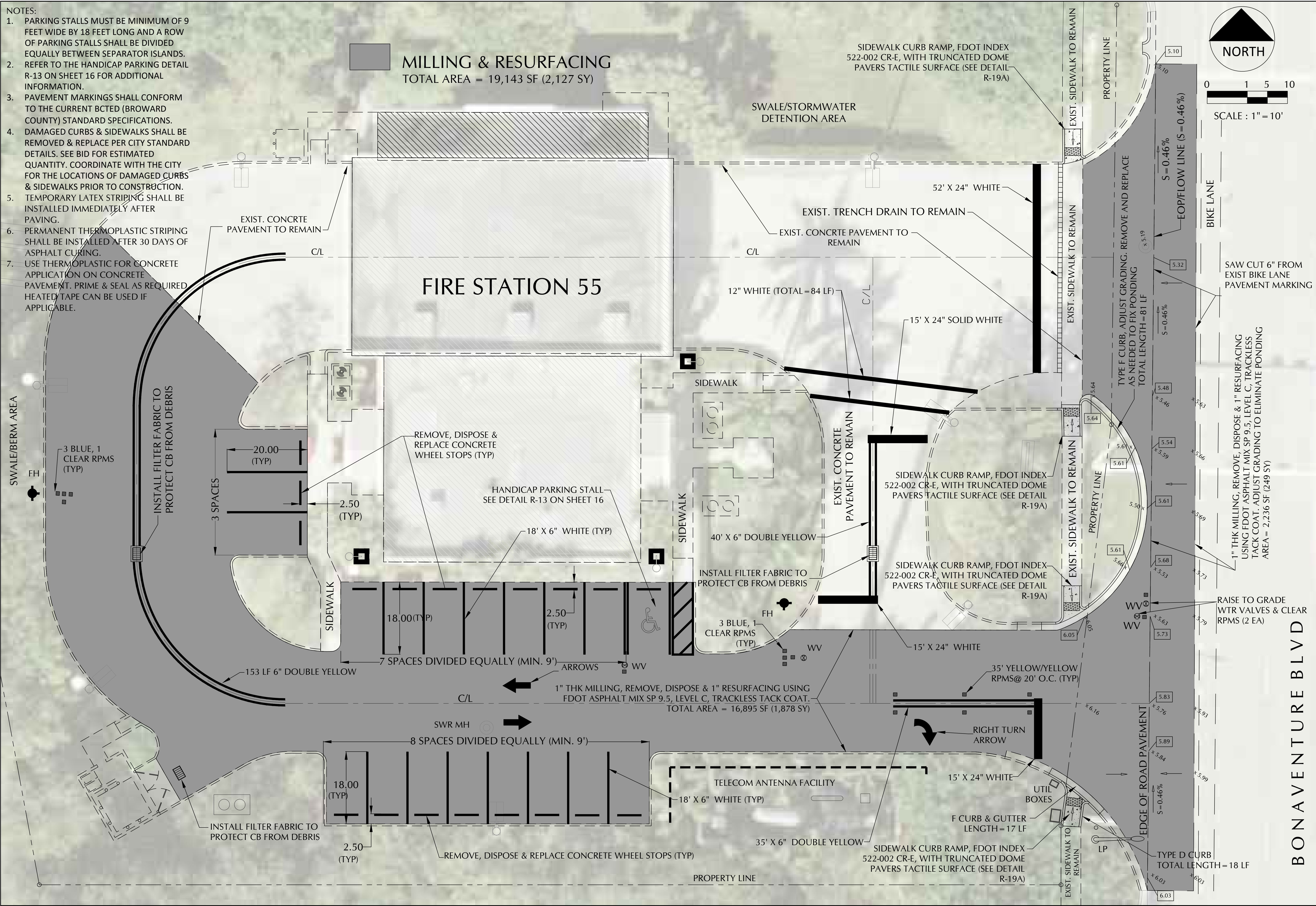
CITY OF WESTON
 DEPARTMENT OF PUBLIC WORKS & UTILITIES
 2599 South Post Road, Weston, Florida 33327



- NOTES:**
1. PARKING STALLS MUST BE MINIMUM OF 9 FEET WIDE BY 18 FEET LONG AND A ROW OF PARKING STALLS SHALL BE DIVIDED EQUALLY BETWEEN SEPARATOR ISLANDS.
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 7. USE THERMOPLASTIC FOR CONCRETE APPLICATION ON CONCRETE PAVEMENT. PRIME & SEAL AS REQUIRED HEATED TAPE CAN BE USED IF APPLICABLE.

MILLING & RESURFACING
TOTAL AREA = 19,143 SF (2,127 SY)



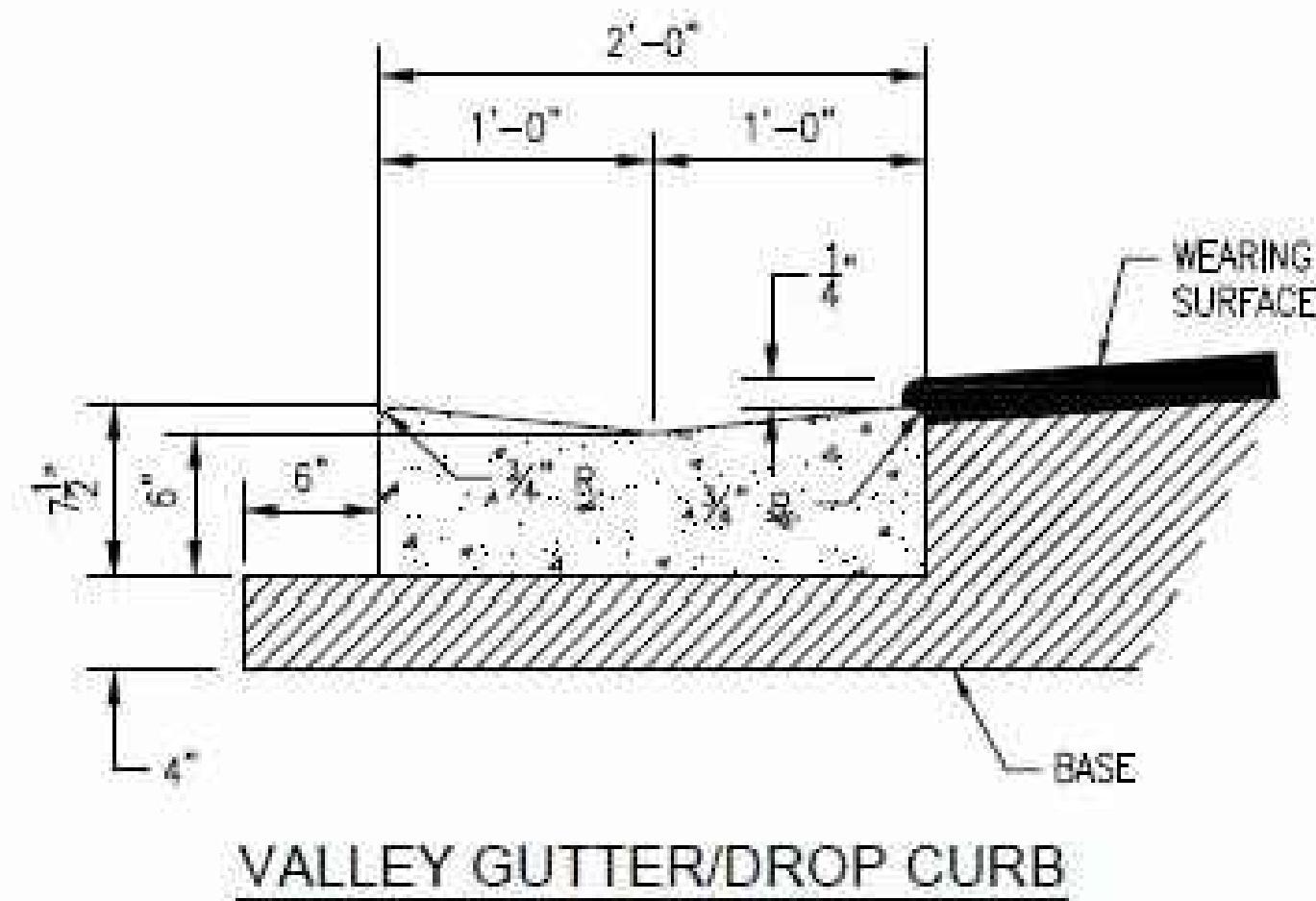
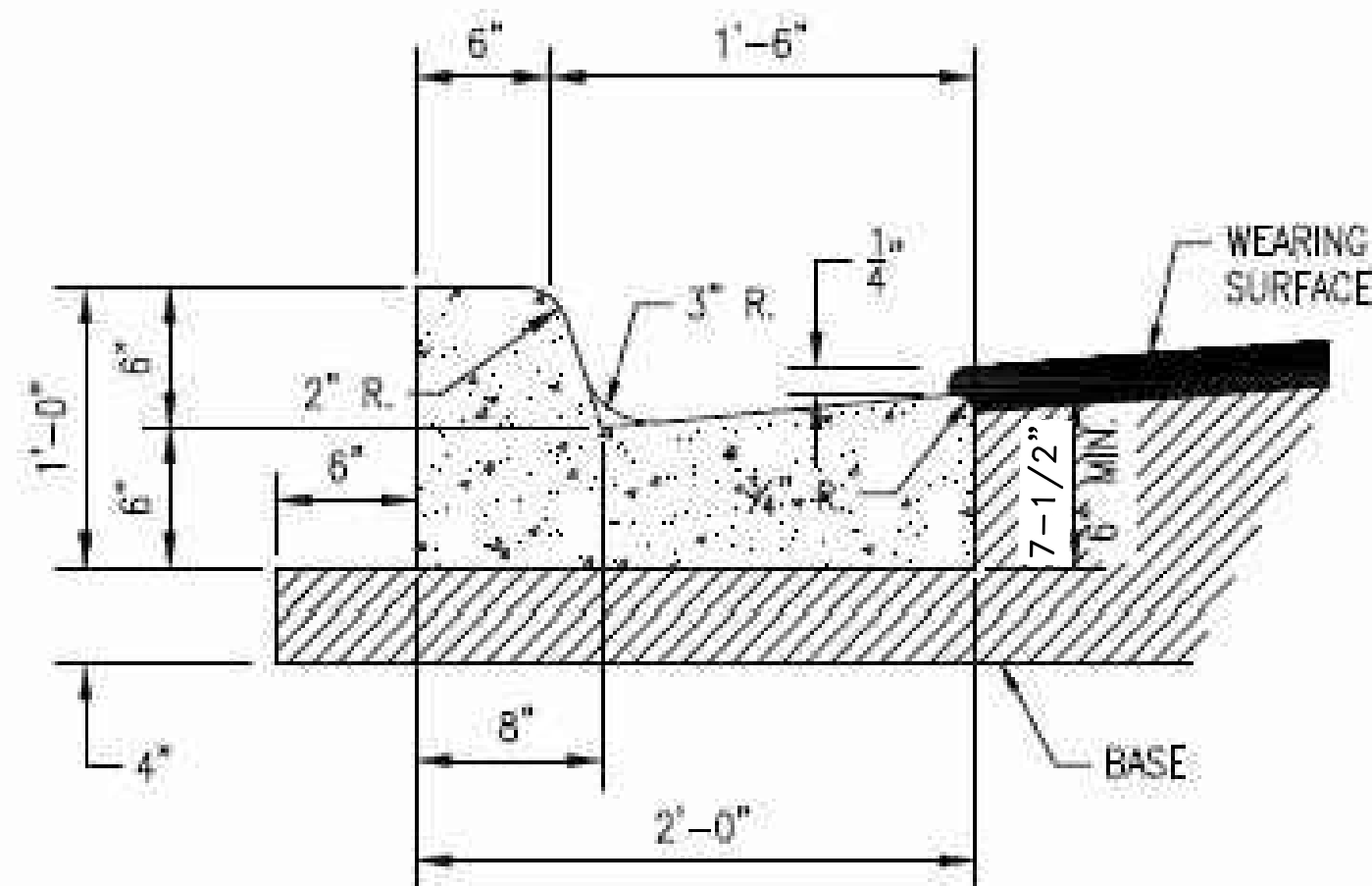
Engineering Division	
Drawn by: J. Casio	Date: 04-19-24
Checked by: RC	Date: 04-19-24
As-built drawn by:	Date:
Field Inspector:	Field Book No.:

SHEET 12

SITE PLAN
FIRE STATION 55
MILLING AND RESURFACING OF PARKING LOTS
3955 Bonaventure Blvd, Weston, FL 33326

CITY OF WESTON
DEPARTMENT OF PUBLIC WORKS & UTILITIES
2599 South Post Road, Weston, Florida 33327

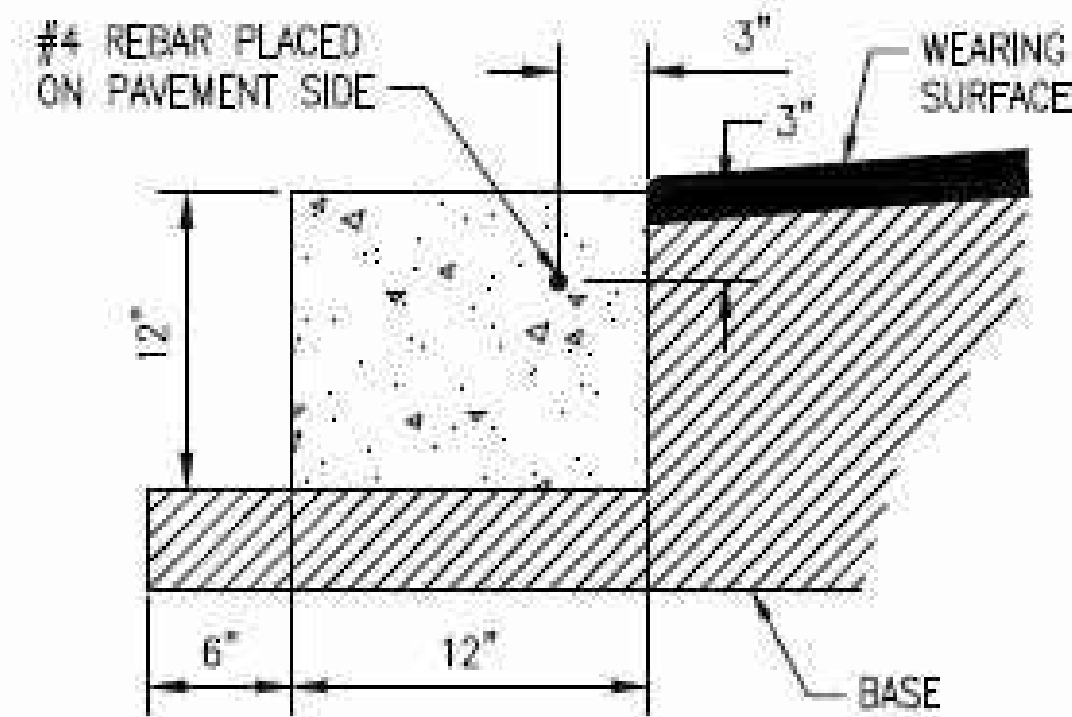
BONAVENTURE BLVD



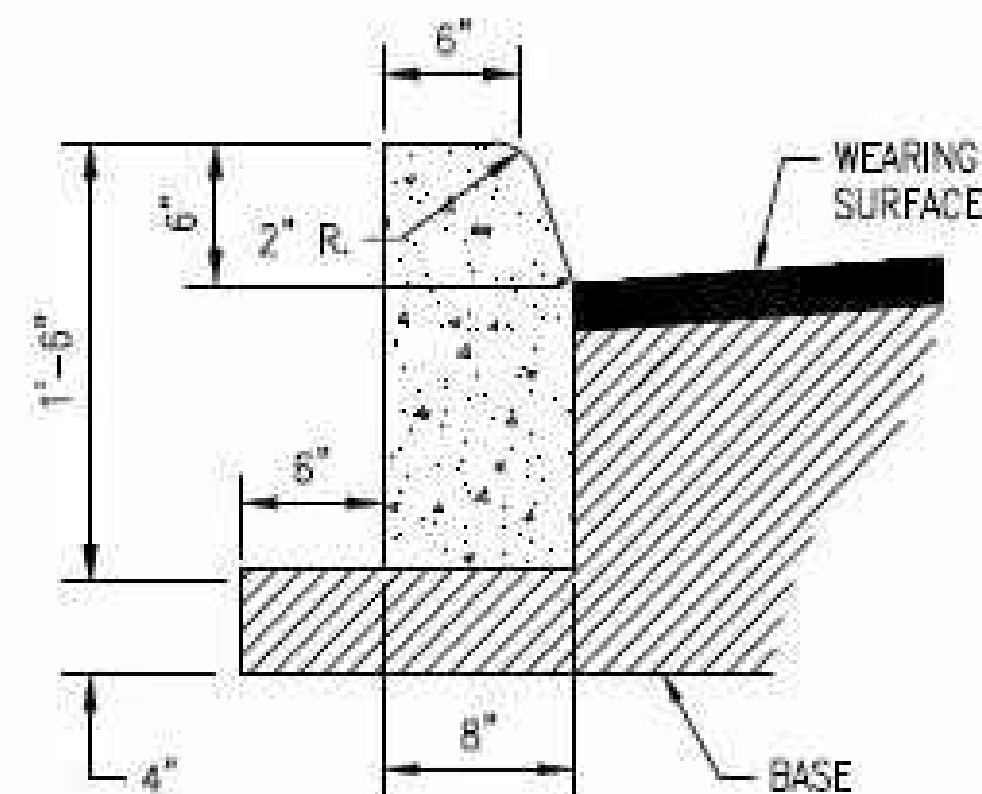
NOTES:

1. WHEN USED ON HIGH SIDE OF ROADWAYS, CROSS SLOPE OF THE GUTTER SHALL MATCH THE CROSS SLOPE OF THE ADJACENT PAVEMENT AND THE THICKNESS OF THE LIP SHALL BE 6".
2. SAWCUTS REQUIRED AT 10' CENTERS.

TYPE 'F' CURB & GUTTER DETAIL



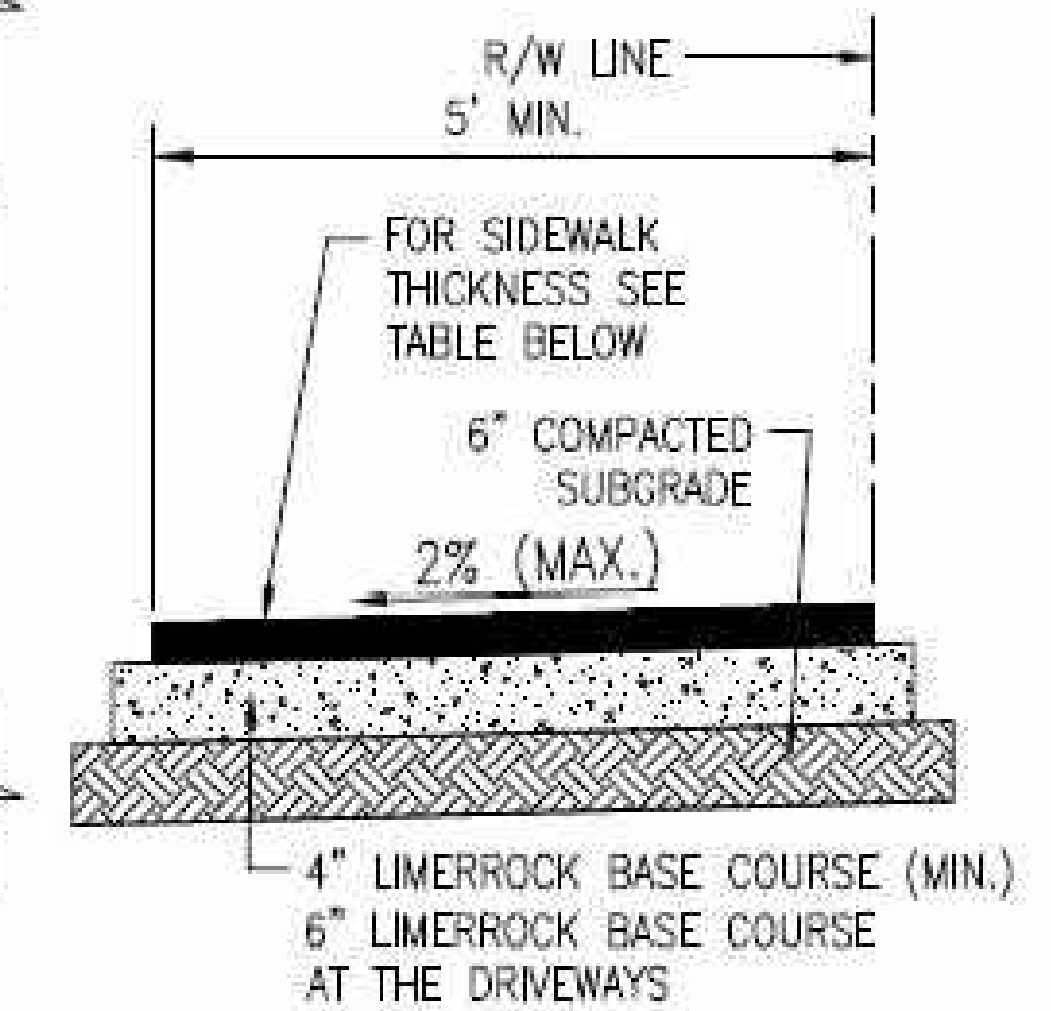
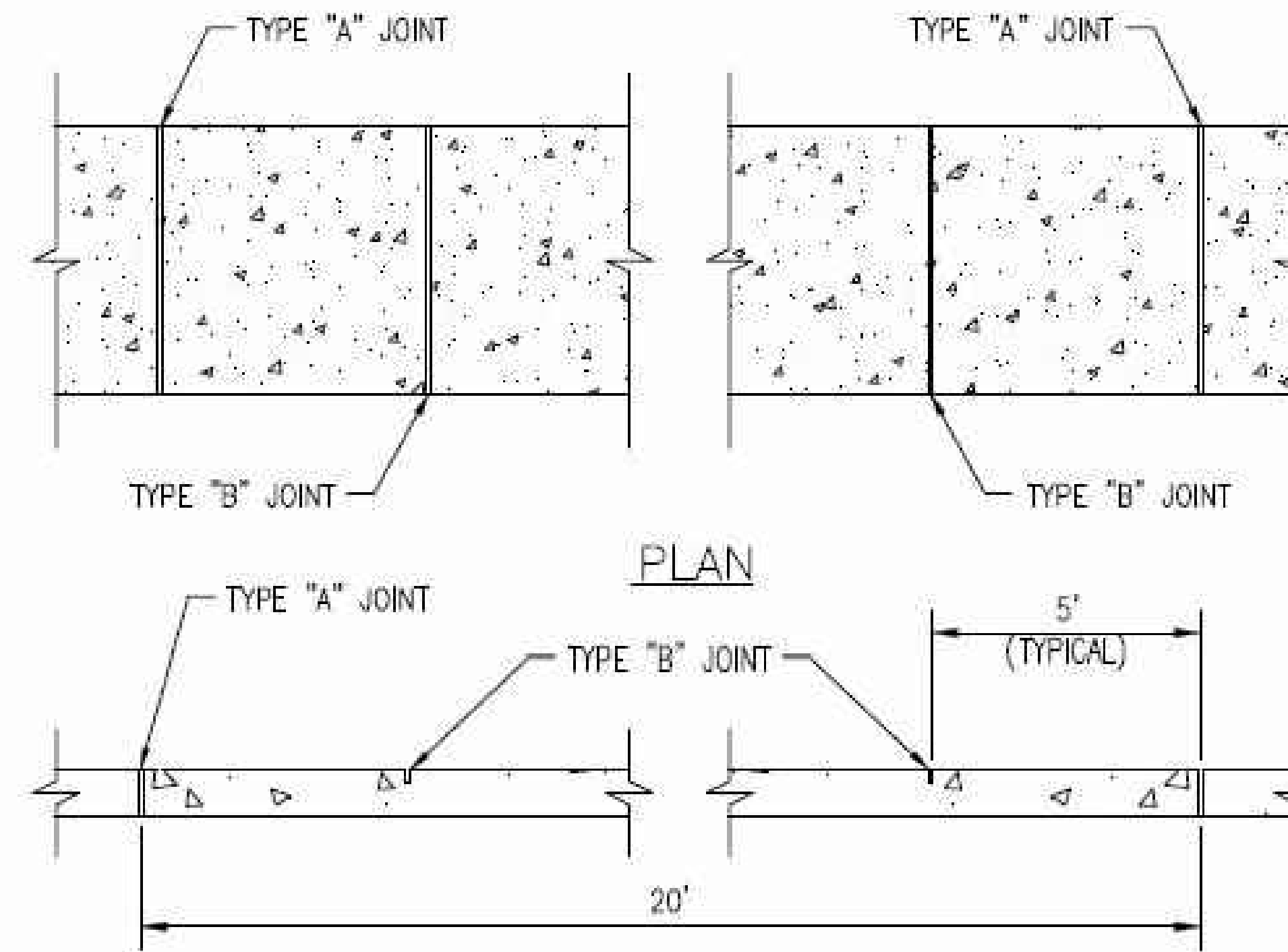
FLUSH HEADER CURB



TYPE 'D' CURB

NOTES:

1. ROADWAY SUBGRADE SHALL IN ALL CASES EXTEND BELOW CURBING.
2. SAWCUTS AT 10' CENTERS SHALL BE MADE WITHIN 24 HOURS OF CONCRETE PLACEMENT.



NOTE:

SIDEWALK SHALL BE 4" THICK (NO WIRE MESH) EXCEPT IN DRIVEWAYS WHERE THE THICKNESS SHALL BE 6" WITH #6 10/10 WELDED WIRE MESH.

SIDEWALK JOINTS
 TYPE "B" (EXPANSION JOINTS) TYPE "A" (SAWED JOINTS)

SIDEWALK THICKNESS	
RESIDENTIAL AREAS	4" (MIN.)
AT DRIVEWAYS AND OTHER AREAS	6" (MIN.)
SIDEWALK WIDTHS	
SINGLE - FAMILY AREAS	5'
MULTI - FAMILY AREAS	5'
OTHER AREAS AS SPECIFIED BY THE CITY ENGINEER.	

SIDEWALK JOINTS	
TYPE	LOCATION
"A"	20'-0" CENTER TO CENTER P.C. AND P.T. OF CURVES. JUNCTION OF EXISTING AND NEW SIDEWALKS. * WHERE SIDEWALK ABUTS CONCRETE CURBS, DRIVEWAYS, AND SIMILAR STRUCTURES.
"B"	5'-0" CENTER TO CENTER ON SIDEWALKS.

*AT THE DISCRETION OF THE ENGINEER.



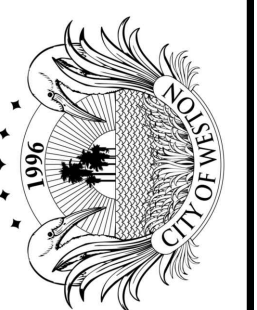
STANDARD ENGINEERING DETAILS & SPECIFICATIONS
TYPICAL CONCRETE CURB & GUTTER SECTIONS

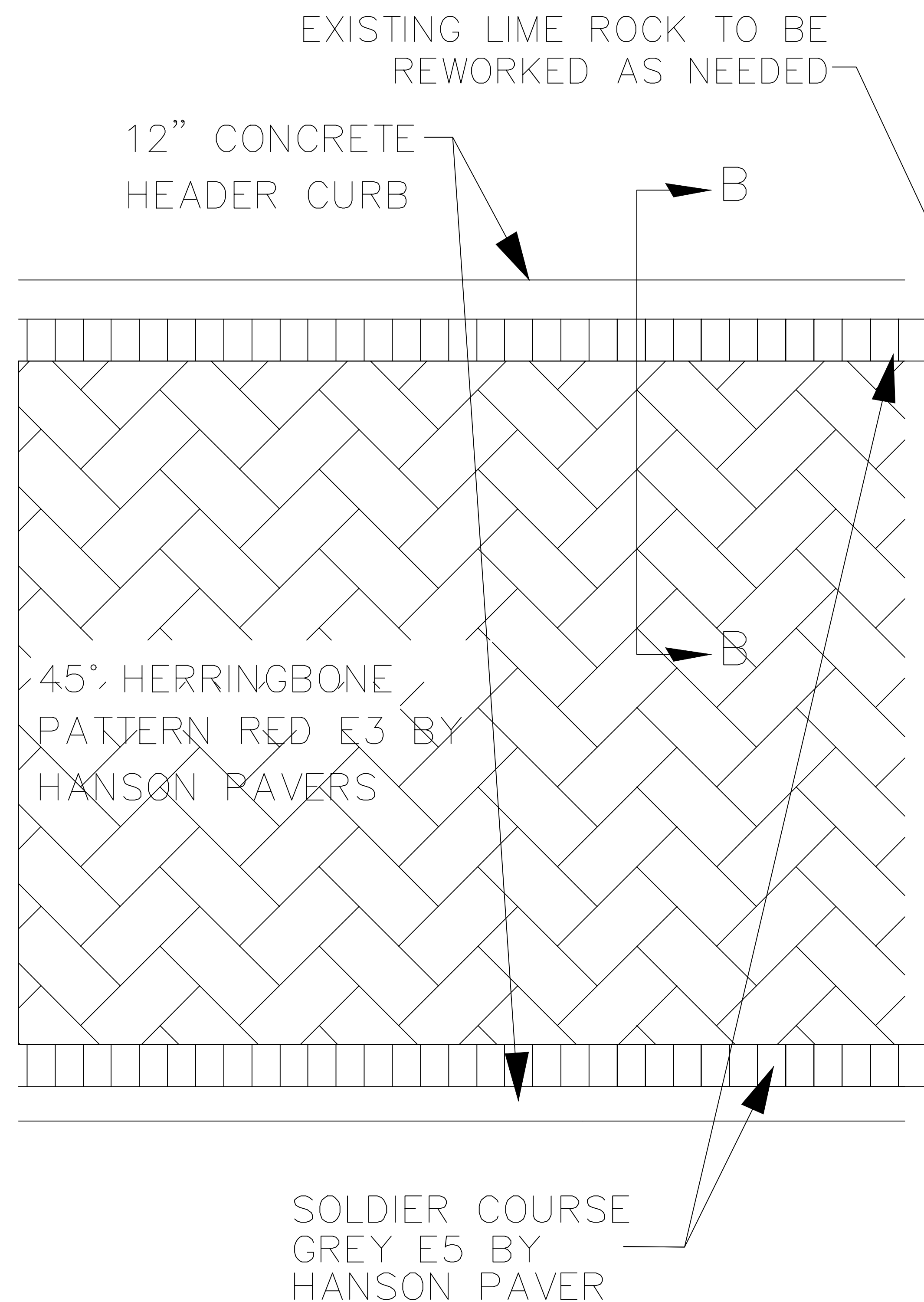
CITY OF WESTON, FLORIDA PUBLIC WORKS AND UTILITIES 2599 SOUTH POST ROAD, WESTON, FL 33327 TELEPHONE: 954-385-2600 FAX: 954-385-2610	DATE FEB 2010	SCALE N.T.S.	DRAWING NO. R-9
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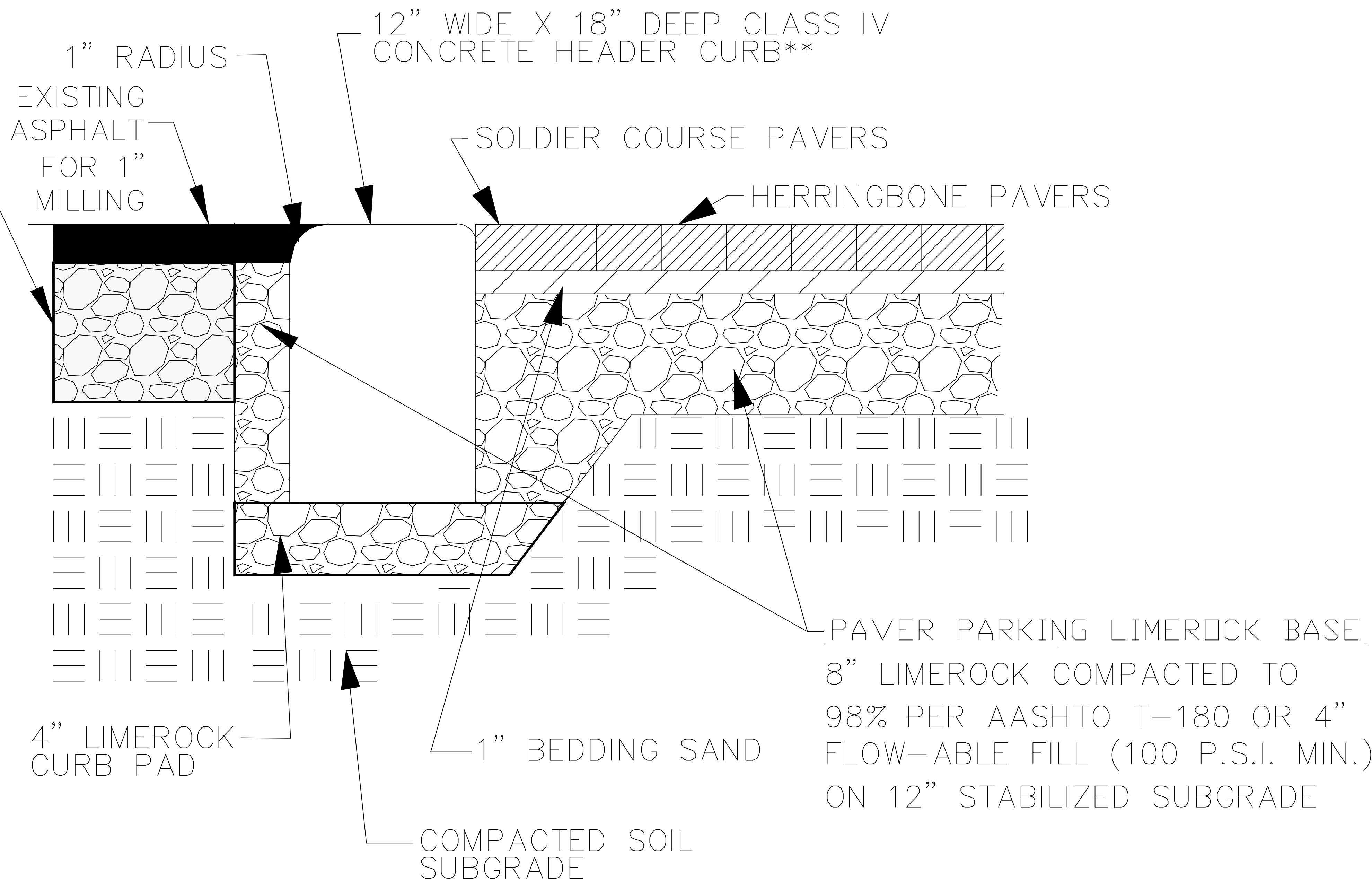
STANDARD ENGINEERING DETAILS & SPECIFICATIONS
SIDEWALK JOINT DETAILS & TYPICAL CONSTRUCTION

CITY OF WESTON, FLORIDA PUBLIC WORKS AND UTILITIES 2599 SOUTH POST ROAD, WESTON, FL 33327 TELEPHONE: 954-385-2600 FAX: 954-385-2610	DATE FEB 2010	SCALE N.T.S.	DRAWING NO. R-10
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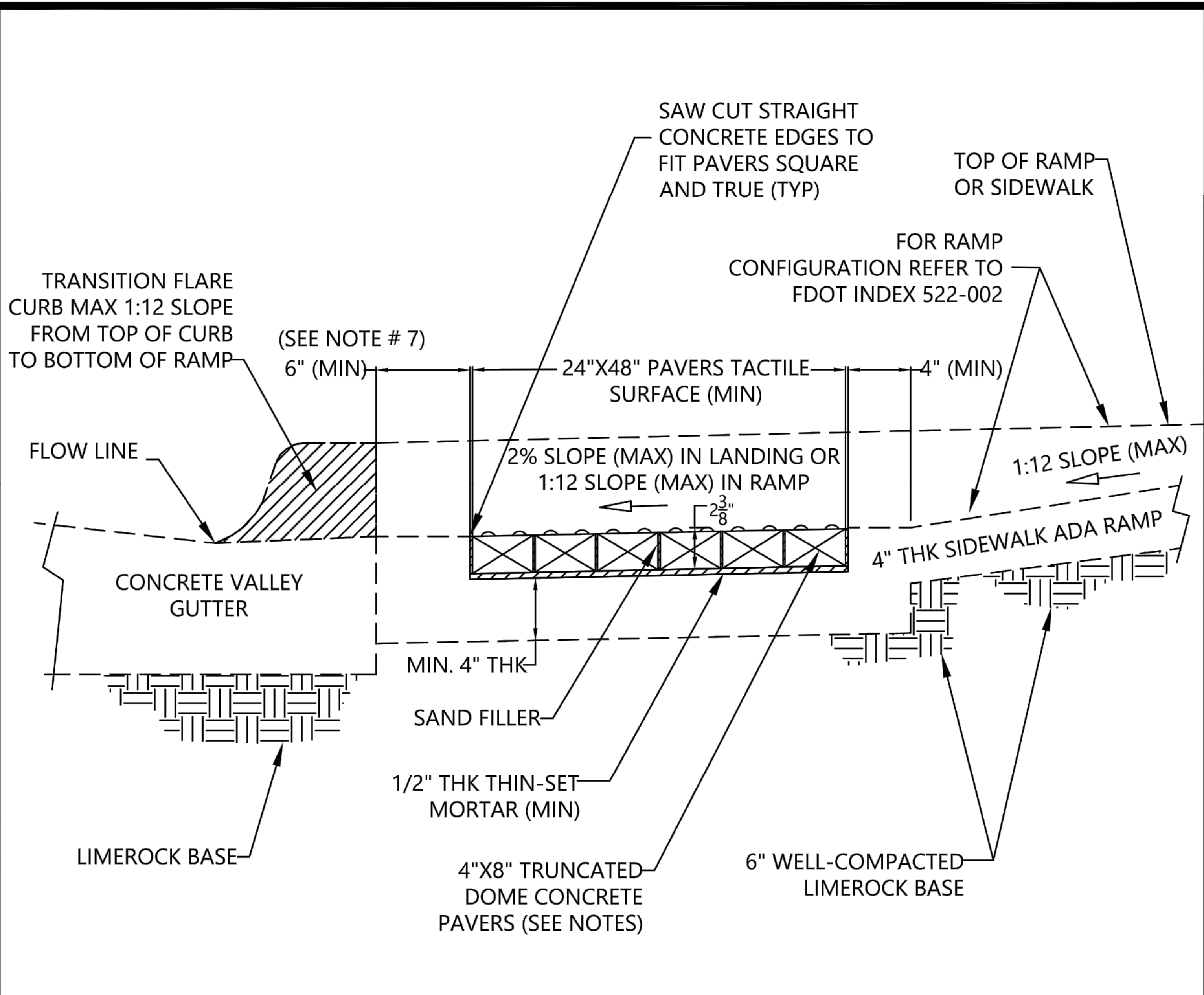
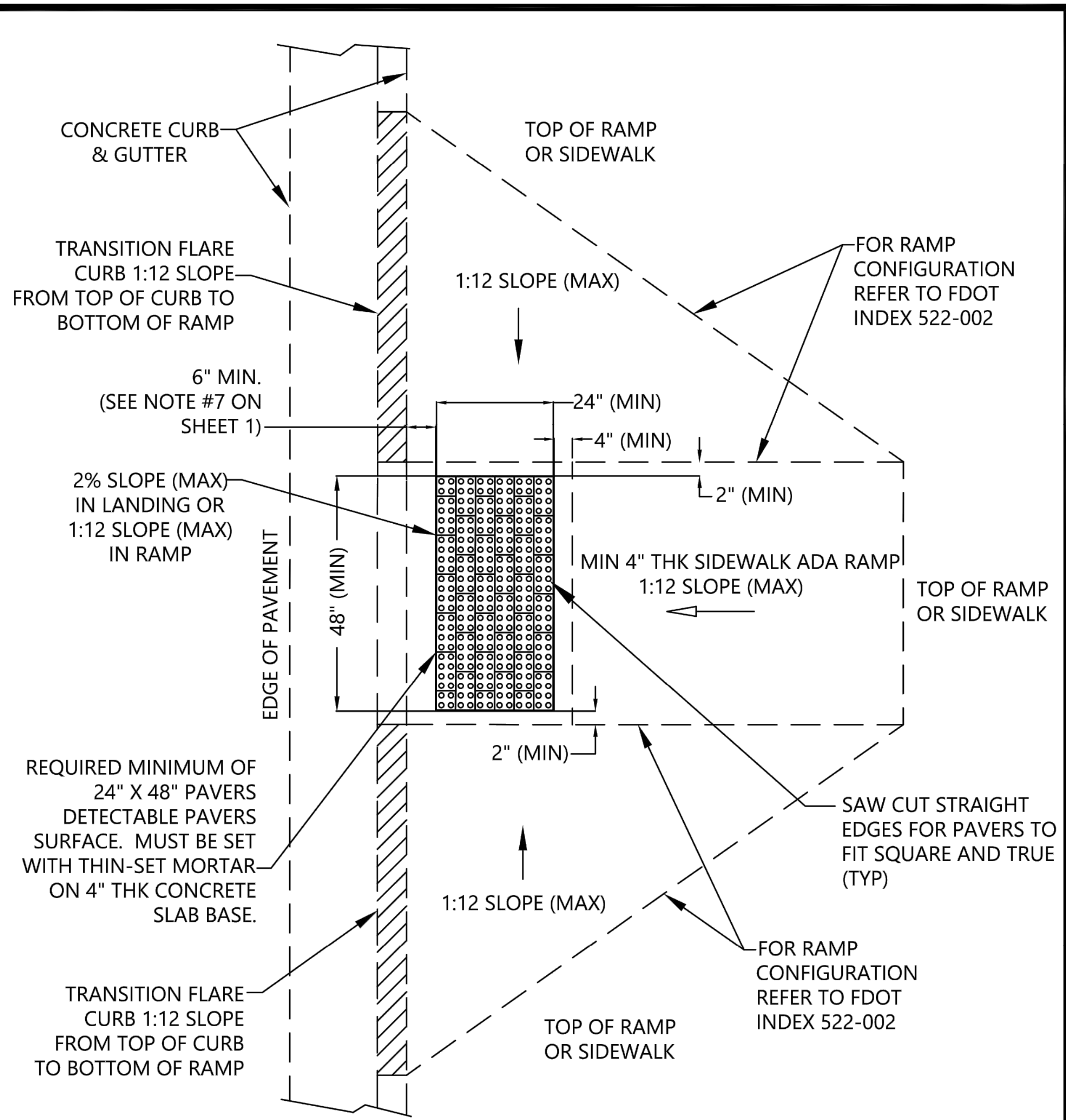
PLAN VIEW



SECTION B-B

NOTES:

1. BEDDING SAND TO CONFORM TO ASTM C 33, COMMONLY KNOWN AS MANUFACTURED CONCRETE SAND. DO NOT USE MASONRY SAND.
2. PROVIDE SAWED CONTRACTION JOINTS AT 10' CENTERS (MAX.) NO LATER THAN 12 HOURS AFTER THE CONCRETE TAKES INITIAL SET. COMPARABLE TOOLED JOINTS MAY BE PROVIDED IN LIEU OF SAWED JOINTS.
3. SUBMIT SHOP DRAWING OR PRODUCT CUT SHEETS REQUIRED FOR APPROVAL OF BRICK PAVERS MAKE, COLOR AND SIZE.



- NOTES:
1. REFER TO CURRENT FDOT DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS, INDEX 522-002 (CURRENT EDITION) FOR ADA RAMP CONFIGURATION APPLICABLE TO EACH LOCATION AND TO CITY OF WESTON DETAILS R-9 & R-10 FOR CURB AND SIDEWALK CONSTRUCTION.
 2. TRUNCATED DOME PAVERS SHALL BE OLD CASTLE OR COASTAL ITEM#: 10400300 (ADA GRAY, 4"X8"X2-3/8")
 3. THE PAVER SIZE 4" X 8", INCLUDED THE SPACER TAB ON ALL SIDES. THE THICKNESS IS 2-3/8"
 4. THE CONCRETE MUST BE FORMED TO FIT THE REQUIRED MINIMUM OF 24" X 48" PAVERS.
 5. PAVERS MUST BE SET WITH THIN-SET MORTAR ON 4" THK (MIN) CONCRETE SLAB BASE.
 6. CONTACT COASTAL @ 1590 NORTH ANDREWS AVE EXTENSION, POMPANO BEACH, FL 33069 PHONE #: 954-972-7400
 7. THERE SHALL BE A MINIMUM OF 6-INCH WIDE CONCRETE HEADER CURB OR SIDEWALK BETWEEN PAVERS AND EDGE OF ASPHALT PAVEMENT OR PAVERS CAN BE AGAINST THE CONCRETE VALLEY GUTTER.

* SEE NOTES ON SHEET 1 OF 2

SHEET 2 OF 2



STANDARD ENGINEERING DETAILS & SPECIFICATIONS			
TRUNCATED DOME PAVERS INSTALLATION (PLAN)			
CITY OF WESTON, FLORIDA PUBLIC WORKS AND UTILITIES 2599 SOUTH POST ROAD, WESTON, FL 33327 TELEPHONE: 954-385-2600 FAX: 954-385-2610	DATE Feb 2024	SCALE N.T.S.	DRAWING NO. R-19A

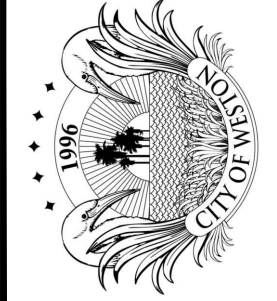


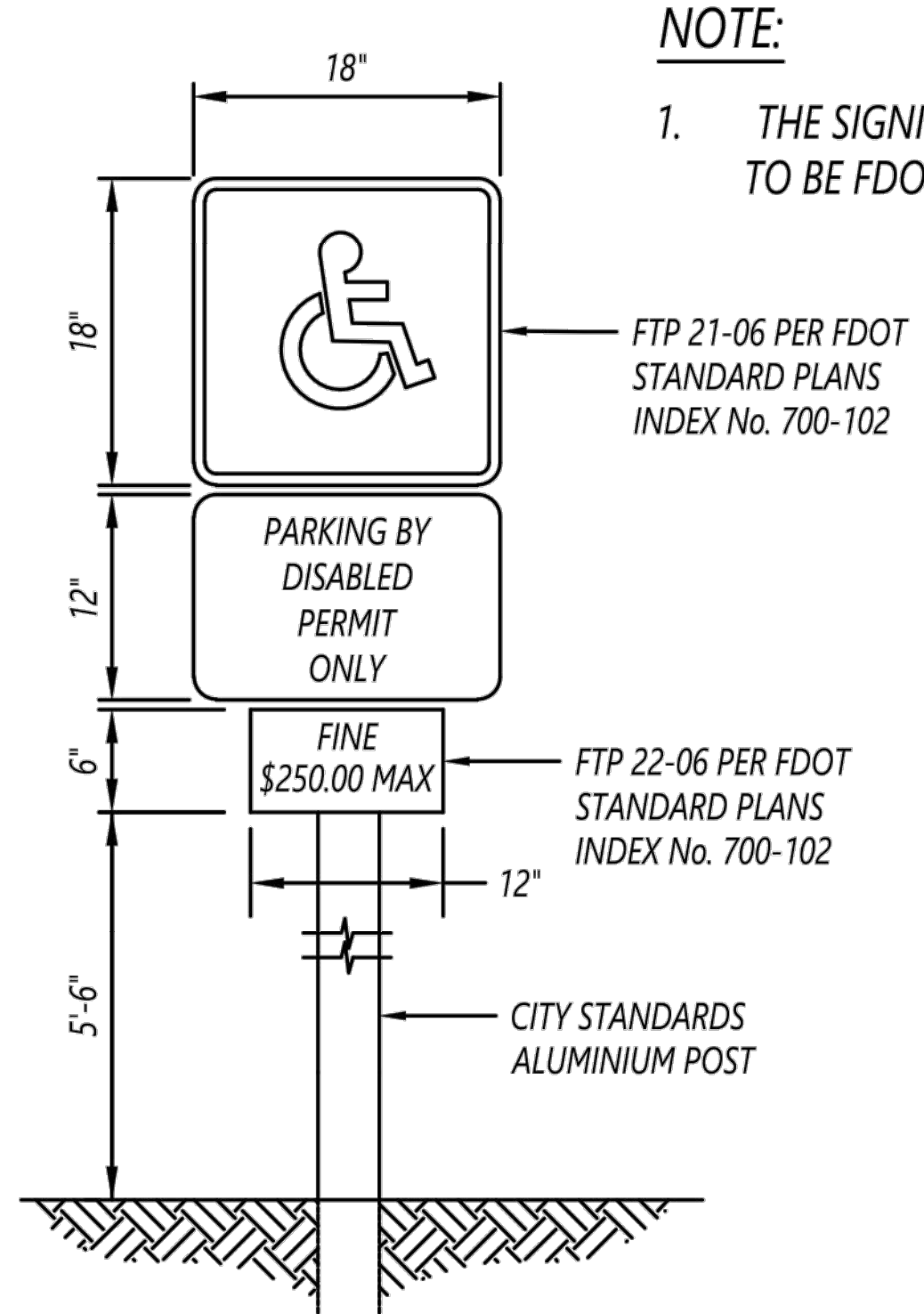
STANDARD ENGINEERING DETAILS & SPECIFICATIONS			
TRUNCATED DOME PAVERS INSTALLATION (PROFILE)			
CITY OF WESTON, FLORIDA PUBLIC WORKS AND UTILITIES 2599 SOUTH POST ROAD, WESTON, FL 33327 TELEPHONE: 954-385-2600 FAX: 954-385-2610	DATE Feb 2024	SCALE N.T.S.	DRAWING NO. R-19A

Engineering Division	Date: 04-19-24
Drawn by: J Casio	Date: 04-19-24
Checked by: RC	Date:
As-built drawn by:	Date:
Field Inspector:	Date:
Field Book No.:	

TRUNCATED DOME PAVERS DETAIL
MILLING AND RESURFACING OF PARKING LOTS
Weston, Florida 33326

CITY OF WESTON
DEPARTMENT OF PUBLIC WORKS & UTILITIES
2599 South Post Road, Weston, Florida 33327



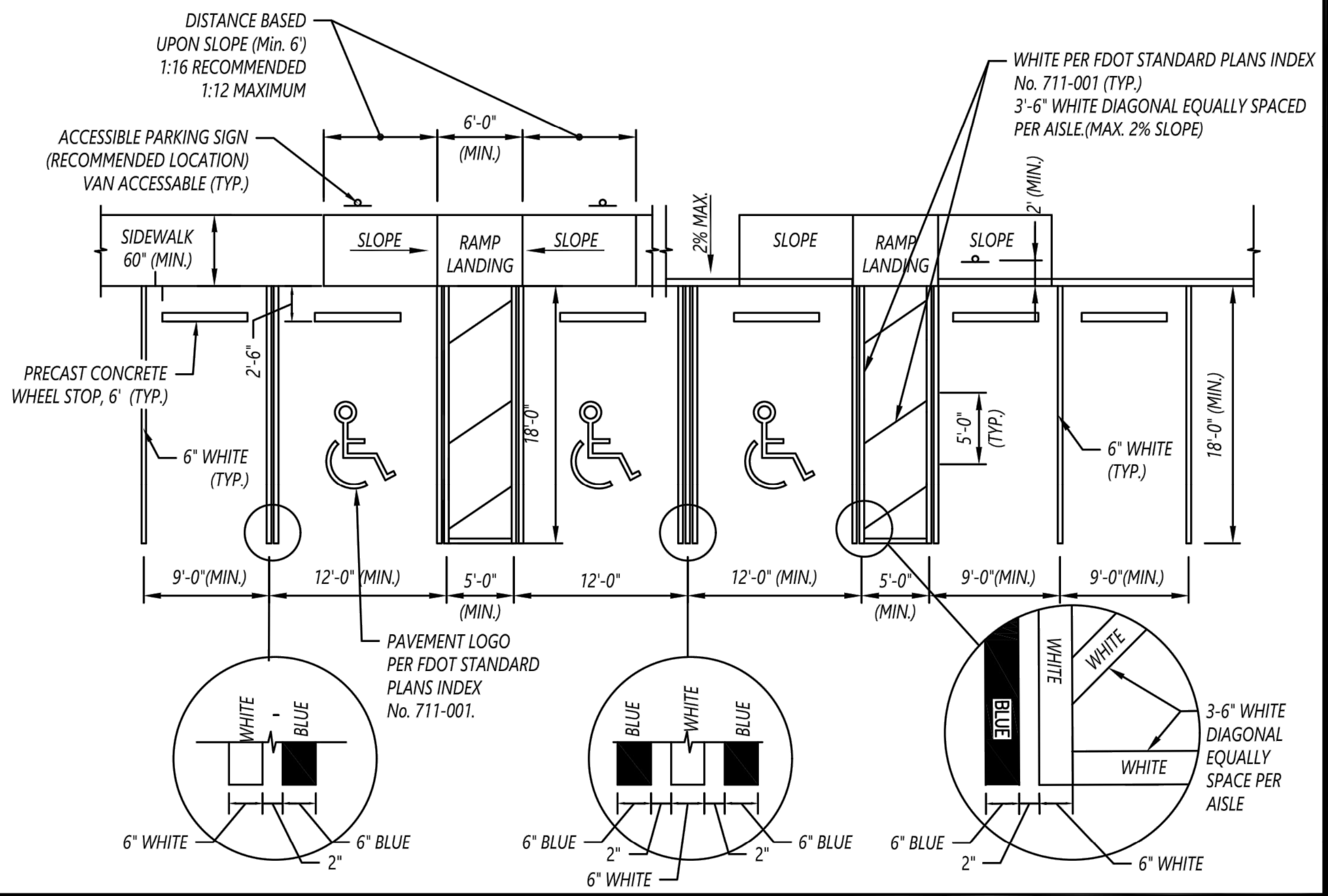


NOTE:
1. THE SIGNING AND PAVEMENT MARKING MATERIALS ARE TO BE FDOT APPROVED

FTP 21-06 PER FDOT STANDARD PLANS INDEX No. 700-102

FTP 22-06 PER FDOT STANDARD PLANS INDEX No. 700-102

CITY STANDARDS ALUMINIUM POST



WHITE PER FDOT STANDARD PLANS INDEX No. 711-001 (TYP.)
3'-6" WHITE DIAGONAL EQUALLY SPACED PER AISLE (MAX. 2% SLOPE)

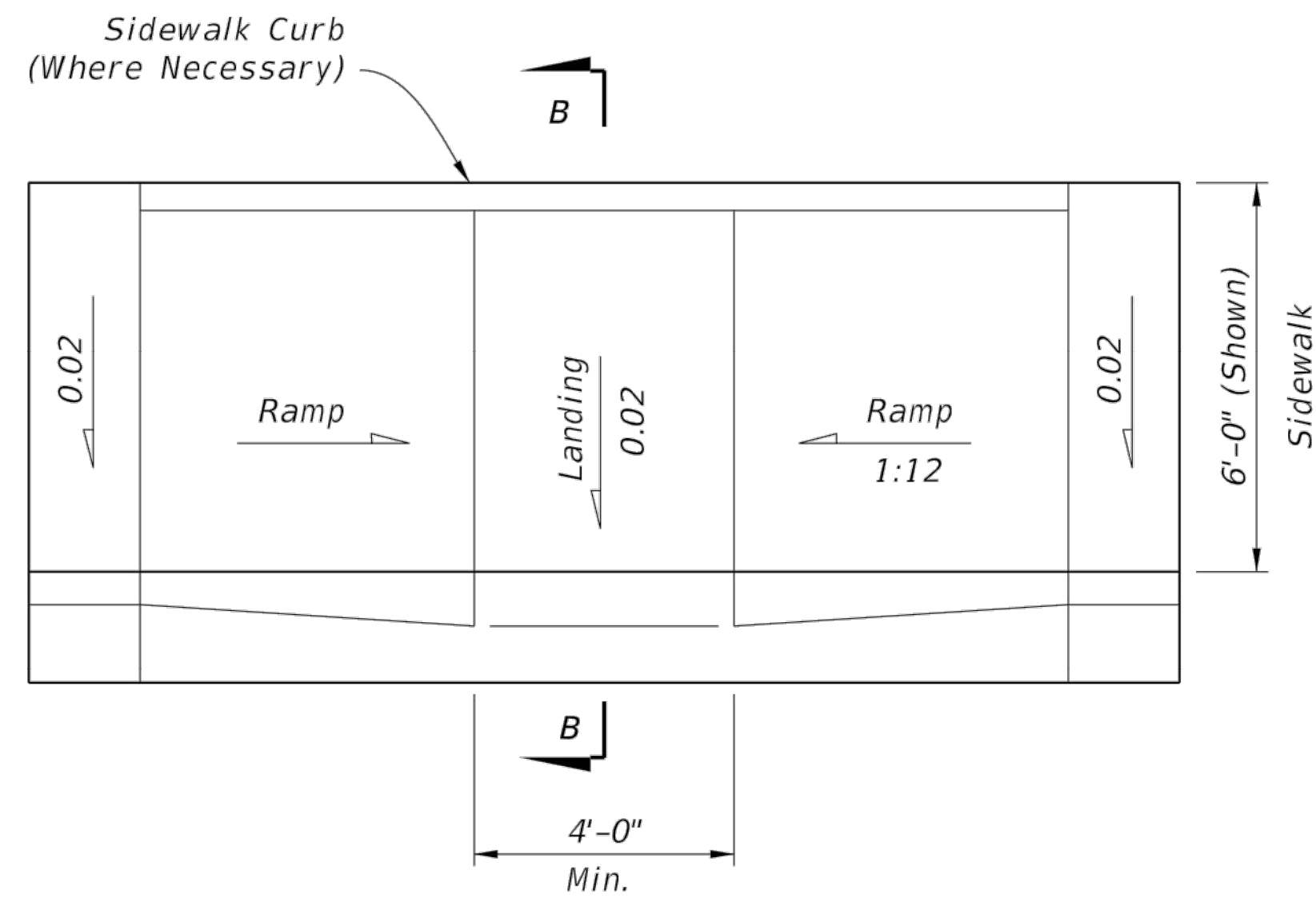
PAVEMENT LOGO PER FDOT STANDARD PLANS INDEX No. 711-001.

3'-6" WHITE DIAGONAL EQUALLY SPACED PER AISLE



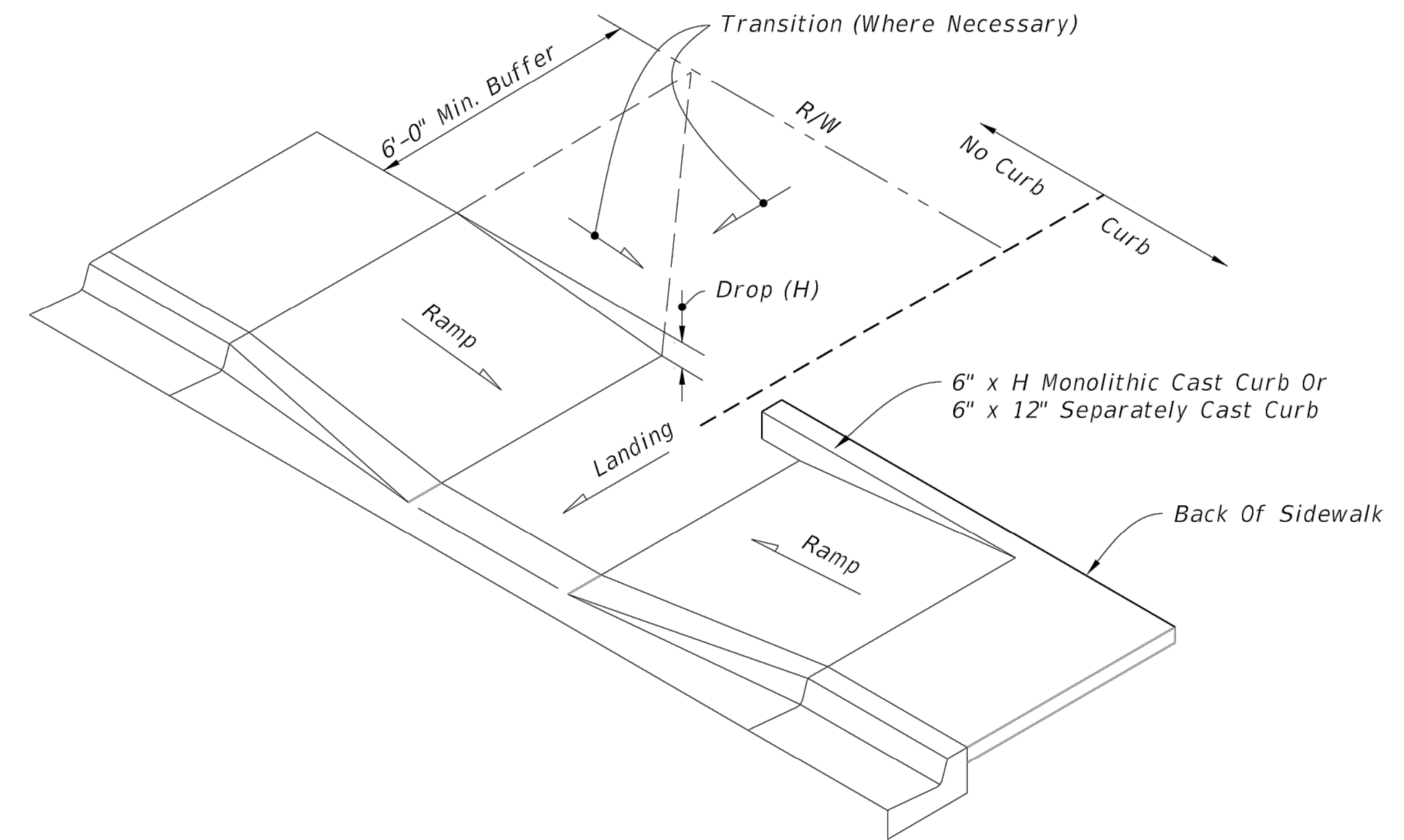
**LOCATIONS OF DAMAGED SIDEWALKS AT TEQUESTA TRACE PARK
(COORDINATE WITH THE CITY FOR LIMITS PRIOR TO REMOVAL)**

	STANDARD ENGINEERING DETAILS & SPECIFICATIONS		
	ACCESSIBLE PARKING DETAIL		
CITY OF WESTON, FLORIDA PUBLIC WORKS AND UTILITIES 2599 SOUTH POST ROAD, WESTON, FL 33327 TELEPHONE: 954-385-2600 FAX: 954-385-2610	DATE SEP 2023	SCALE N.T.S.	DRAWING NO. R-13

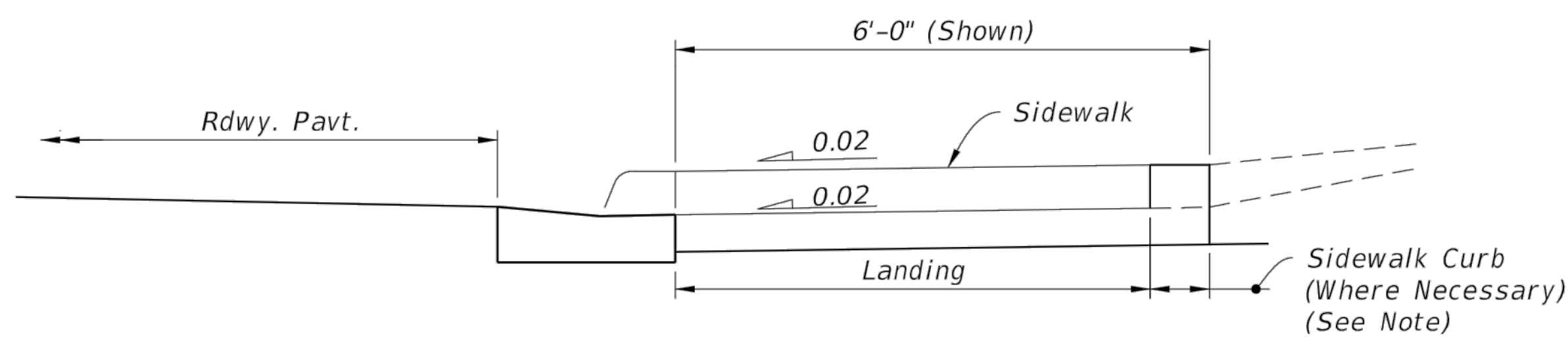


PLAN VIEW

CR-C

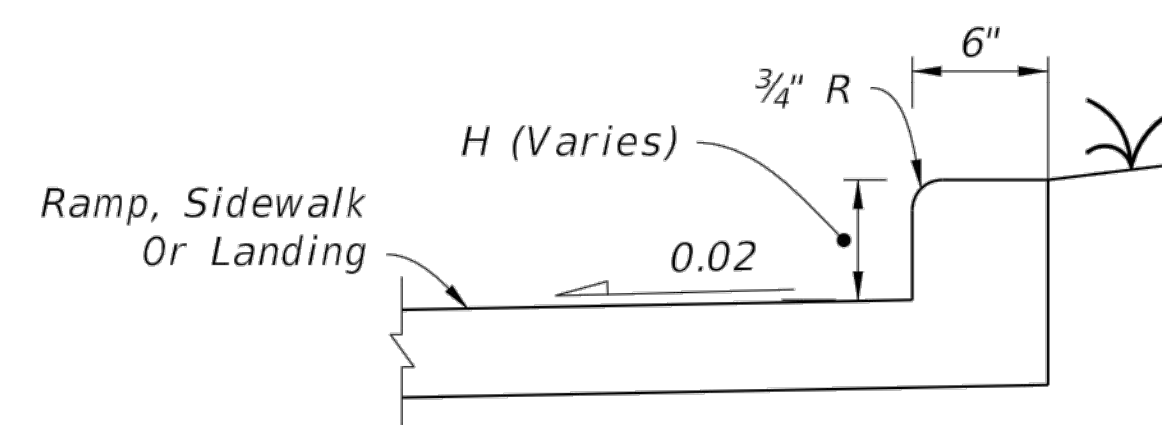


CONSTRUCTION OF SIDEWALK CURB IN CUT SECTIONS

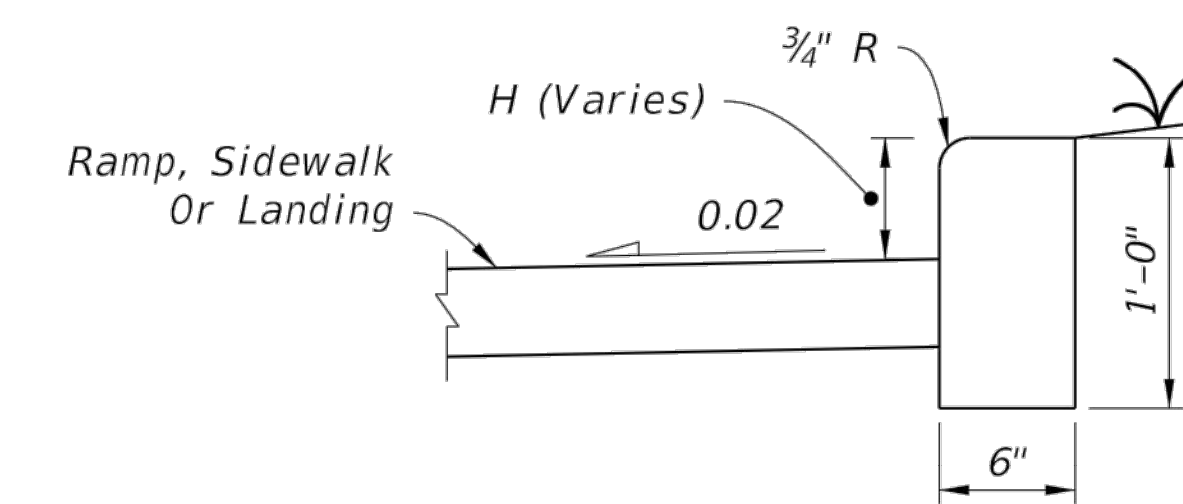


NOTE: For additional information on sidewalk curb construction, see SIDEWALK CURB OPTIONS details.

SECTION B-B



MONOLITHIC CAST CURB



SEPARATELY CAST CURB

SIDEWALK CURB OPTIONS

SIDEWALK CURB RAMPS CR-C AND SIDEWALK CURB

LAST REVISION	DESCRIPTION:
11/01/20	



FY 2023-24
STANDARD PLANS

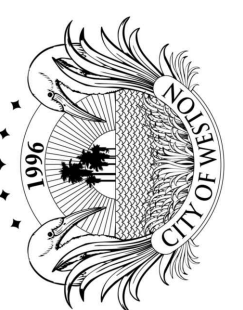
DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS

INDEX	SHEET
522-002	3 of 7

Engineering Division	Date
Drawn by: J Casio	04-19-24
Checked by: RC	04-19-24
As-built drawn by:	
Field Inspector:	
Field Book No.:	

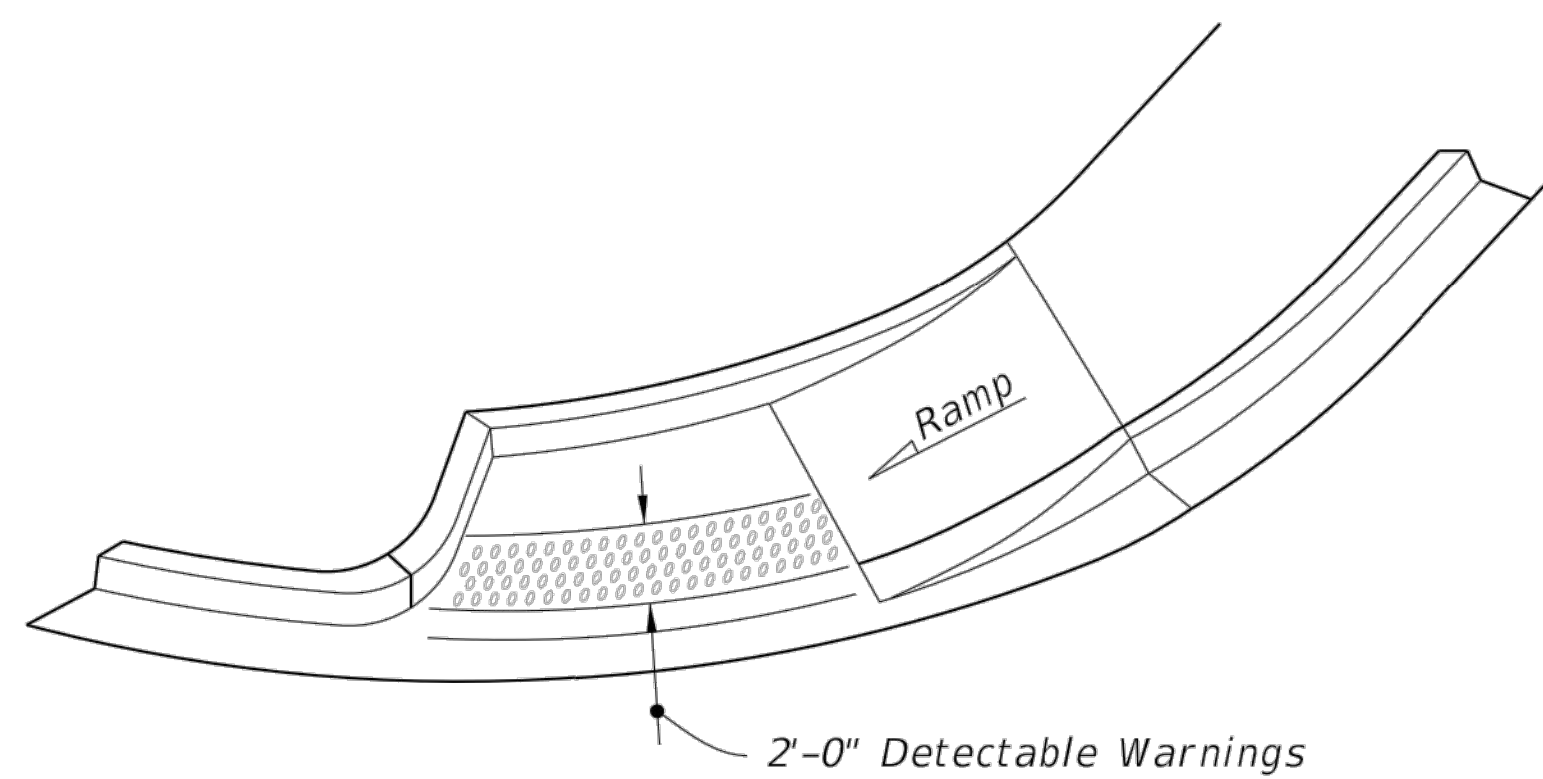
FDOT DETECTABLE WARNINGS & SIDEWALK CURB RAMPS
MILLING AND RESURFACING OF PARKING LOTS
Weston, Florida 33326

CITY OF WESTON
DEPARTMENT OF PUBLIC WORKS & UTILITIES
2599 South Post Road, Weston, Florida 33327

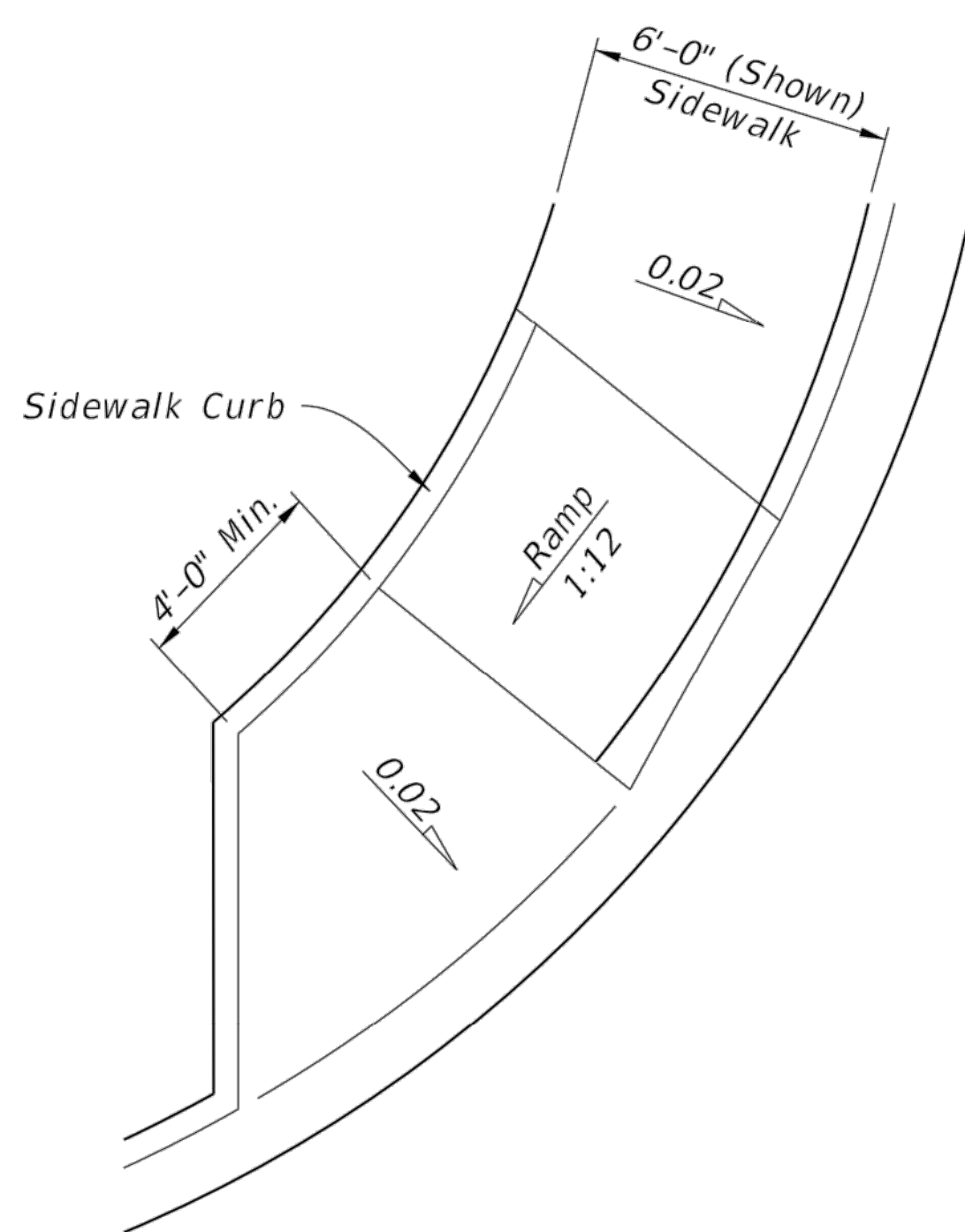


10/16/2022 2:15:09 PM

9/22/2021 8:50:35 AM

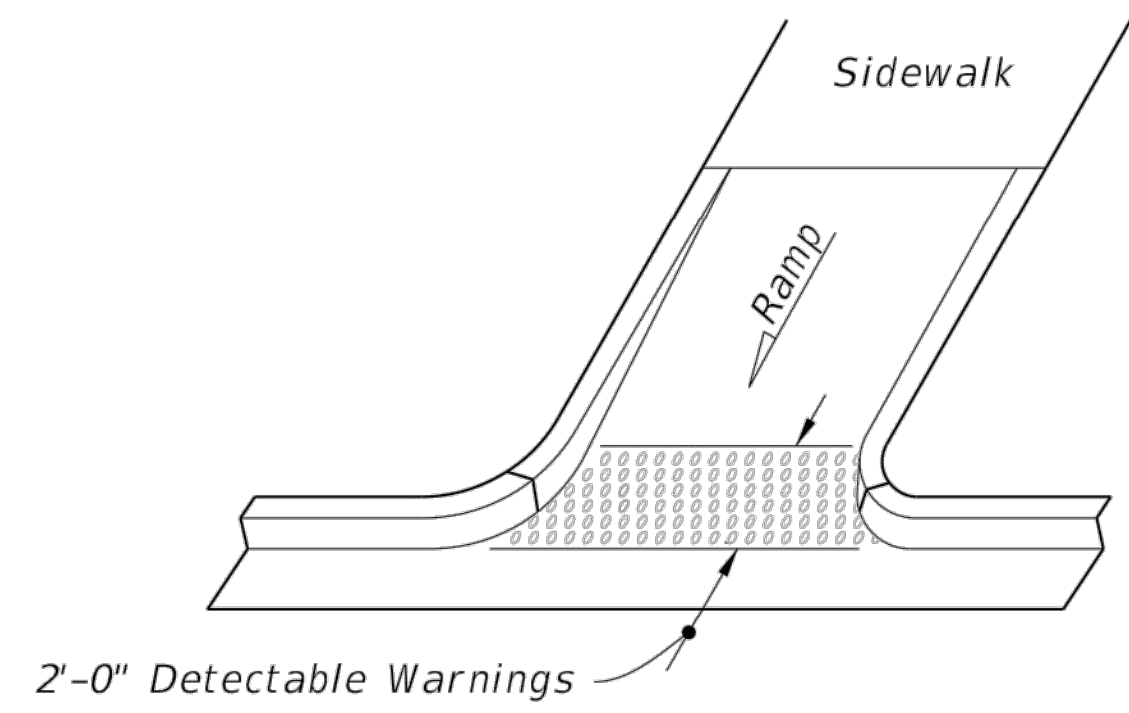


ISOMETRIC VIEW

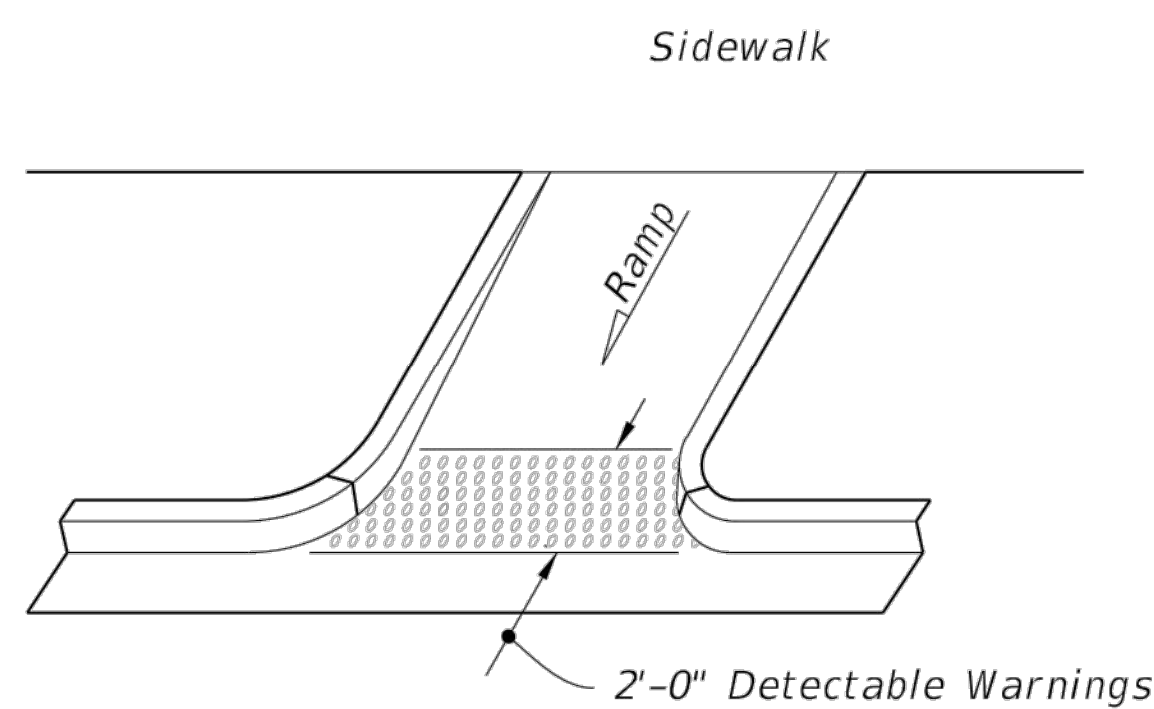


PLAN VIEW

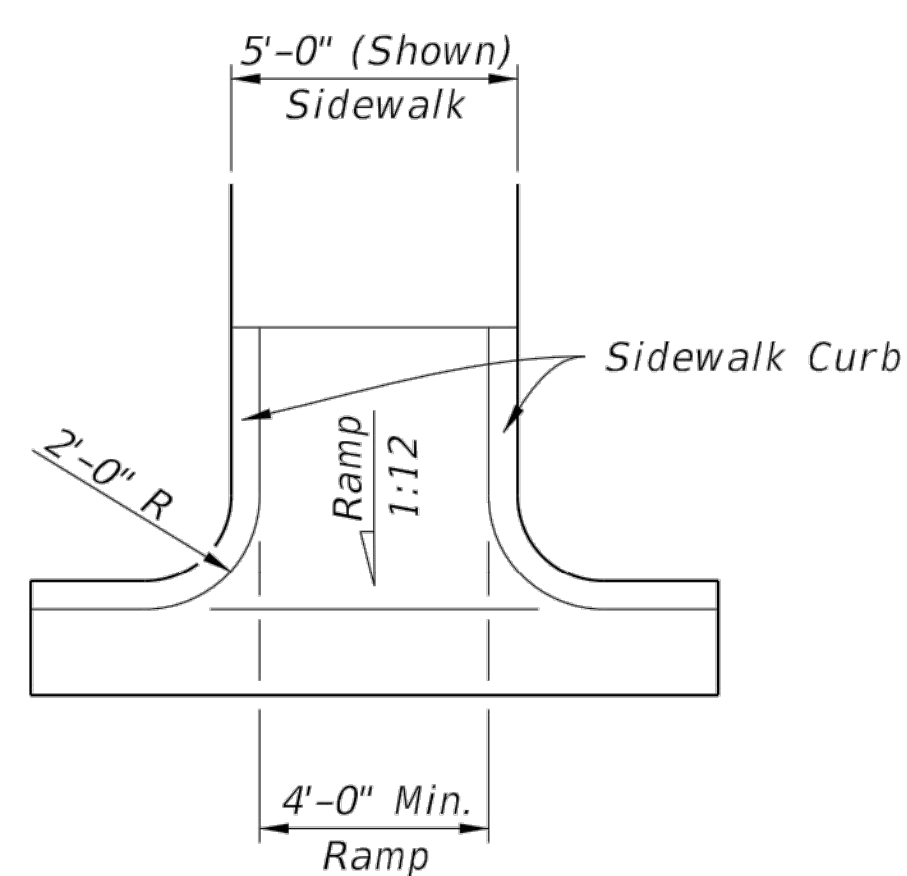
CR-D



OPTION A

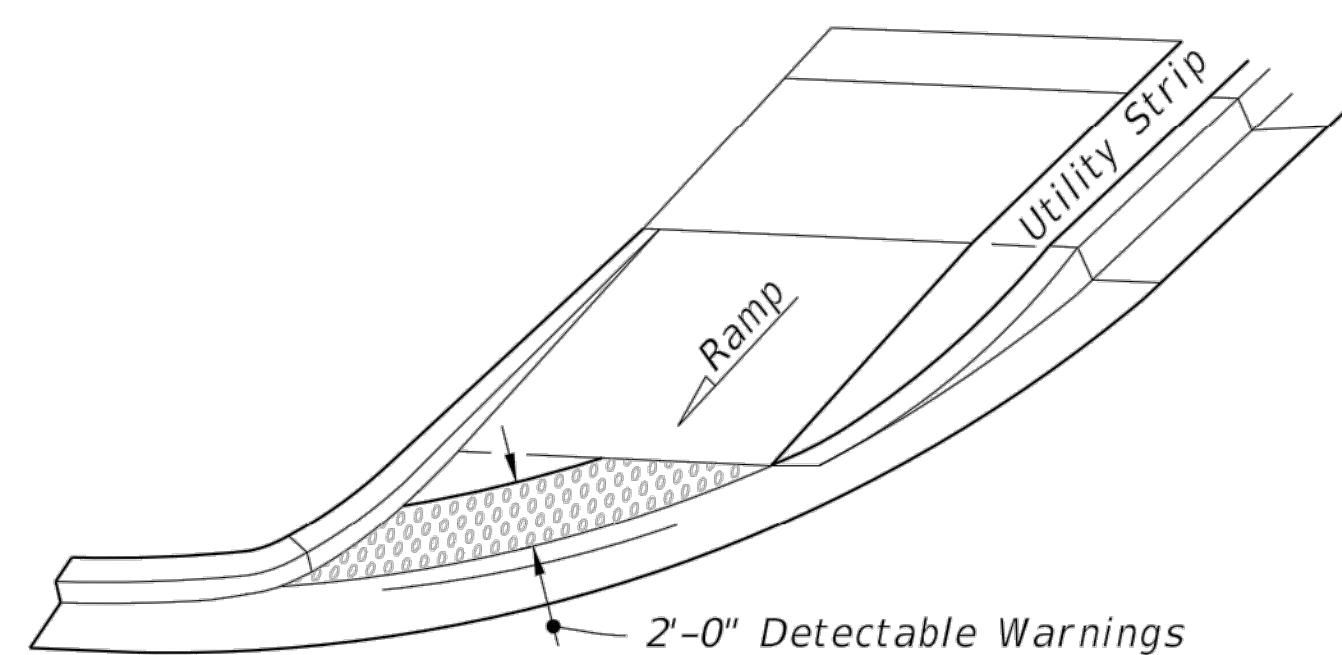


OPTION B
ISOMETRIC VIEW

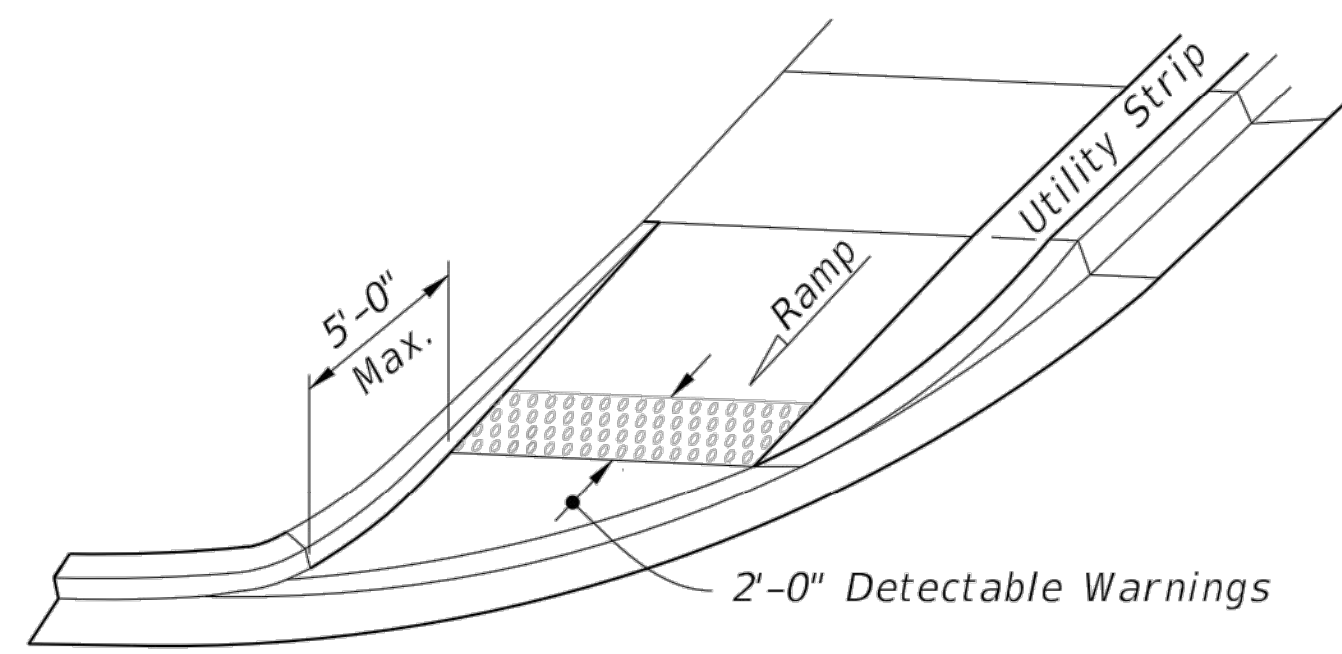


PLAN VIEW

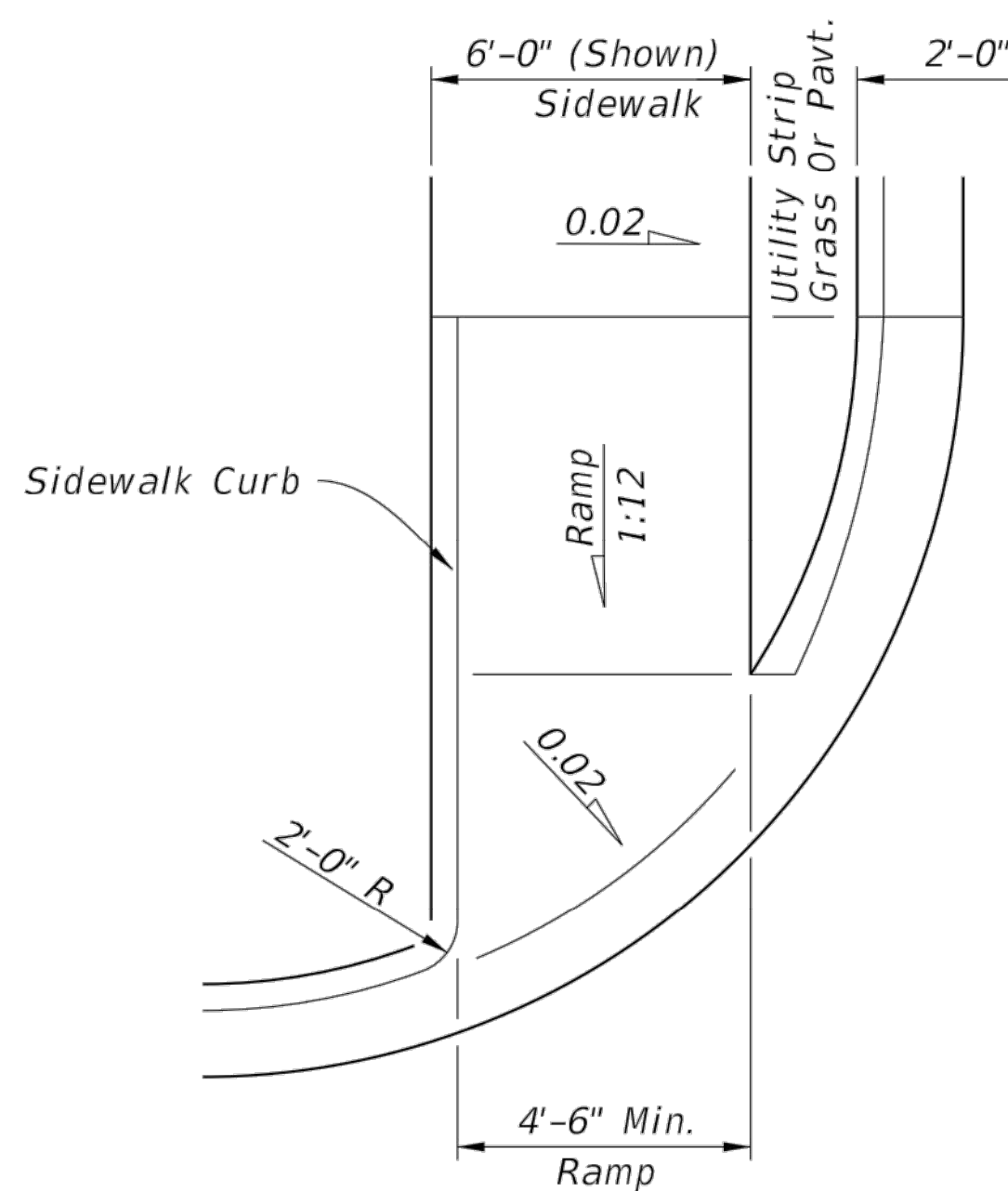
CR-E



OPTION A

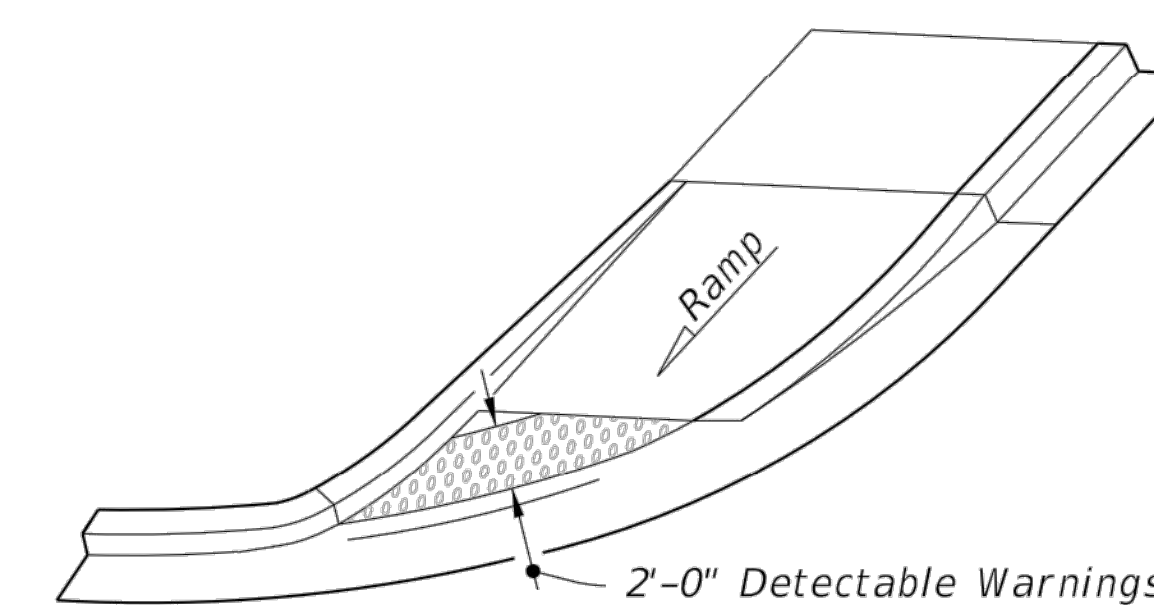


OPTION B
ISOMETRIC VIEW

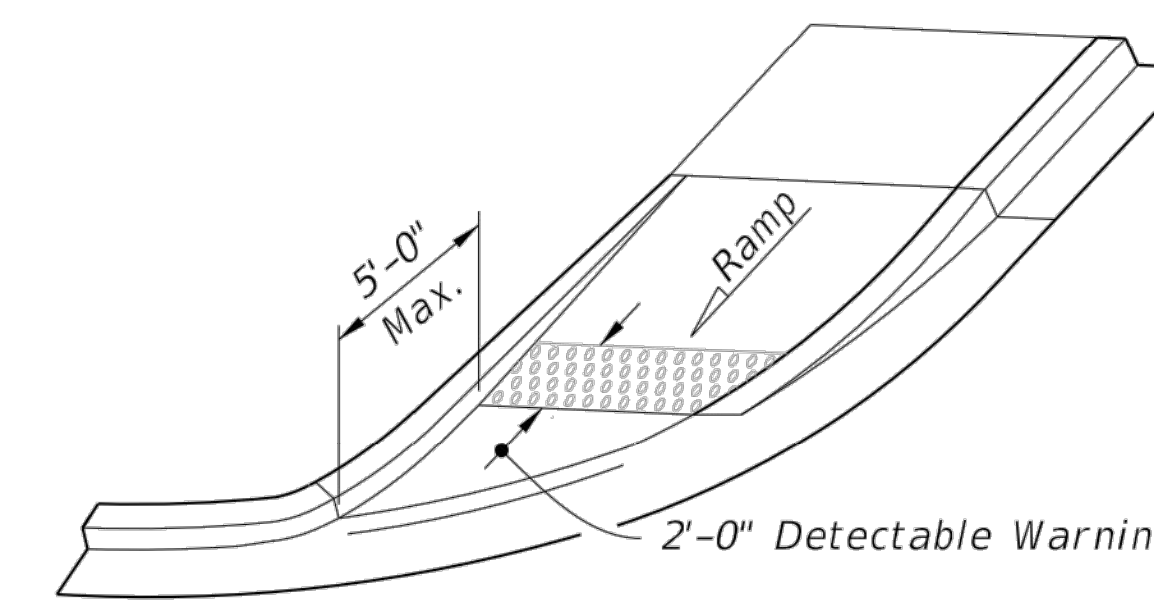


PLAN VIEW

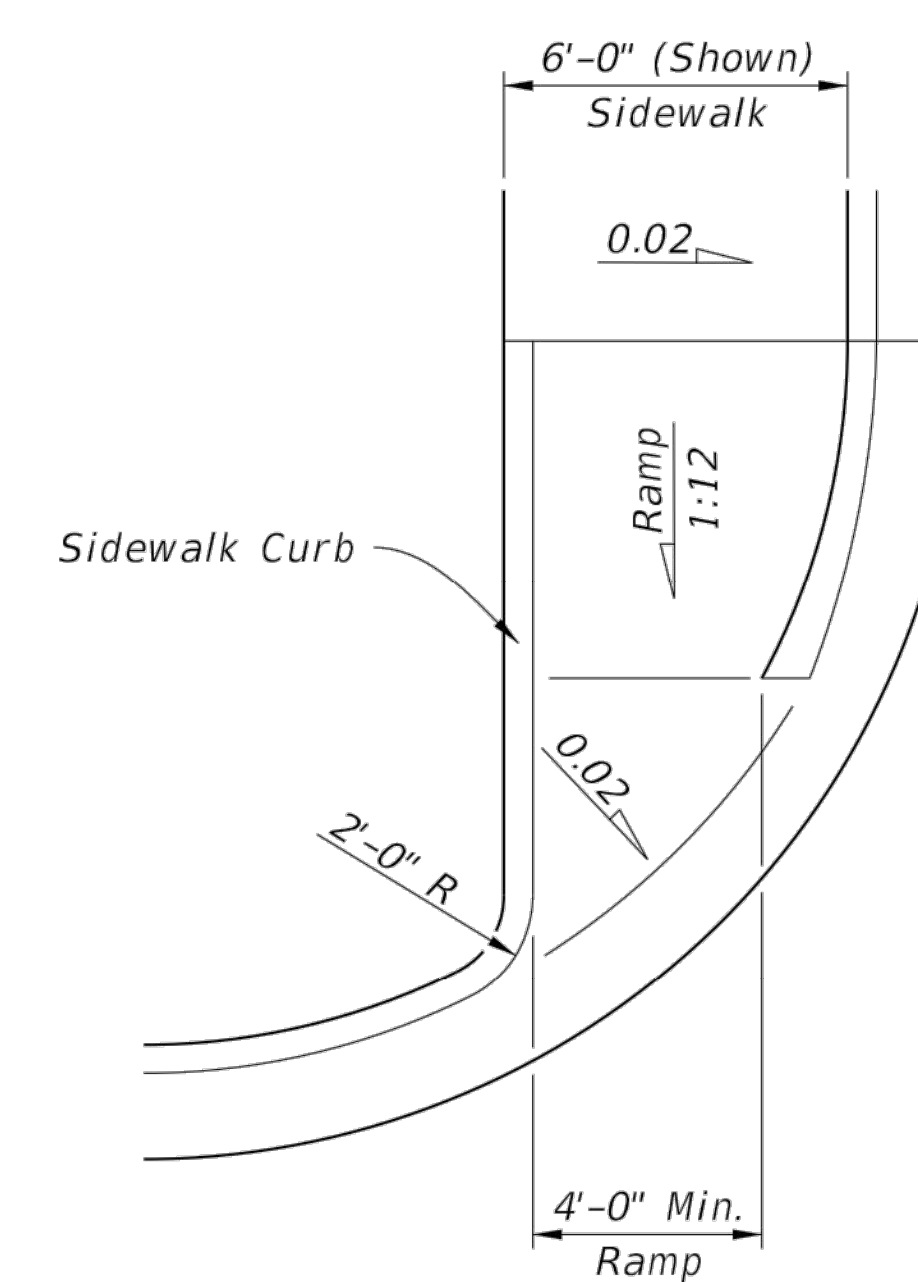
CR-F



OPTION A



OPTION B
ISOMETRIC VIEW



PLAN VIEW

CR-G

SIDEWALK CURB RAMPS CR-D, CR-E, CR-F & CR-G

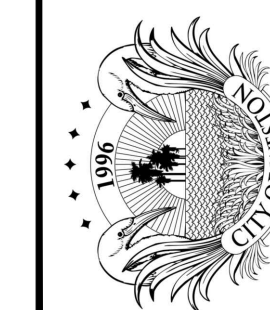


FY 2022-23
STANDARD PLANS

DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS

INDEX
522-002

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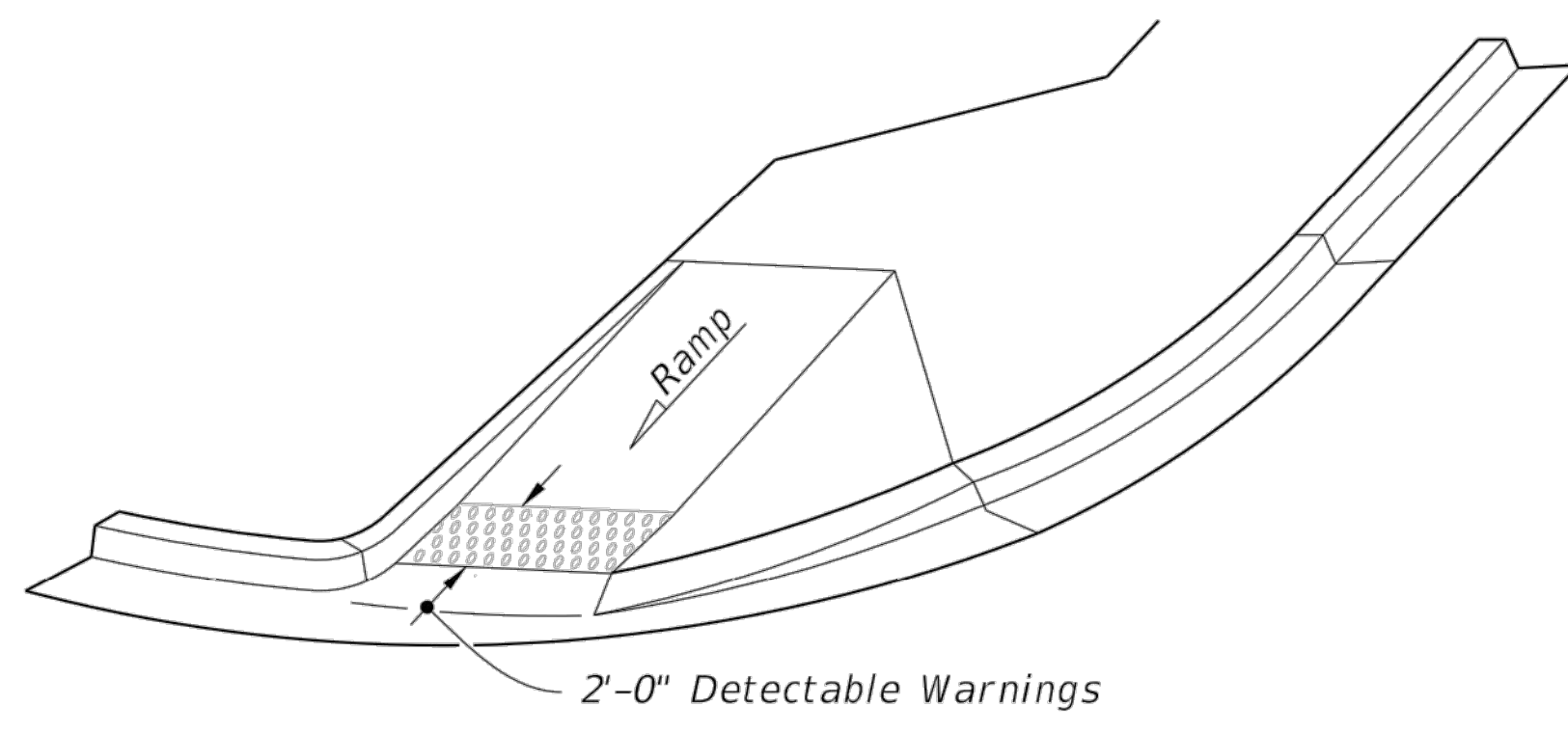
CITY OF WESTON
DEPARTMENT OF PUBLIC WORKS & UTILITIES
2599 South Post Road, Weston, Florida 33327

FDOT DETECTABLE WARNINGS & SIDEWALK CURB RAMPS
MILLING AND RESURFACING OF PARKING LOTS
Weston, Florida 33326

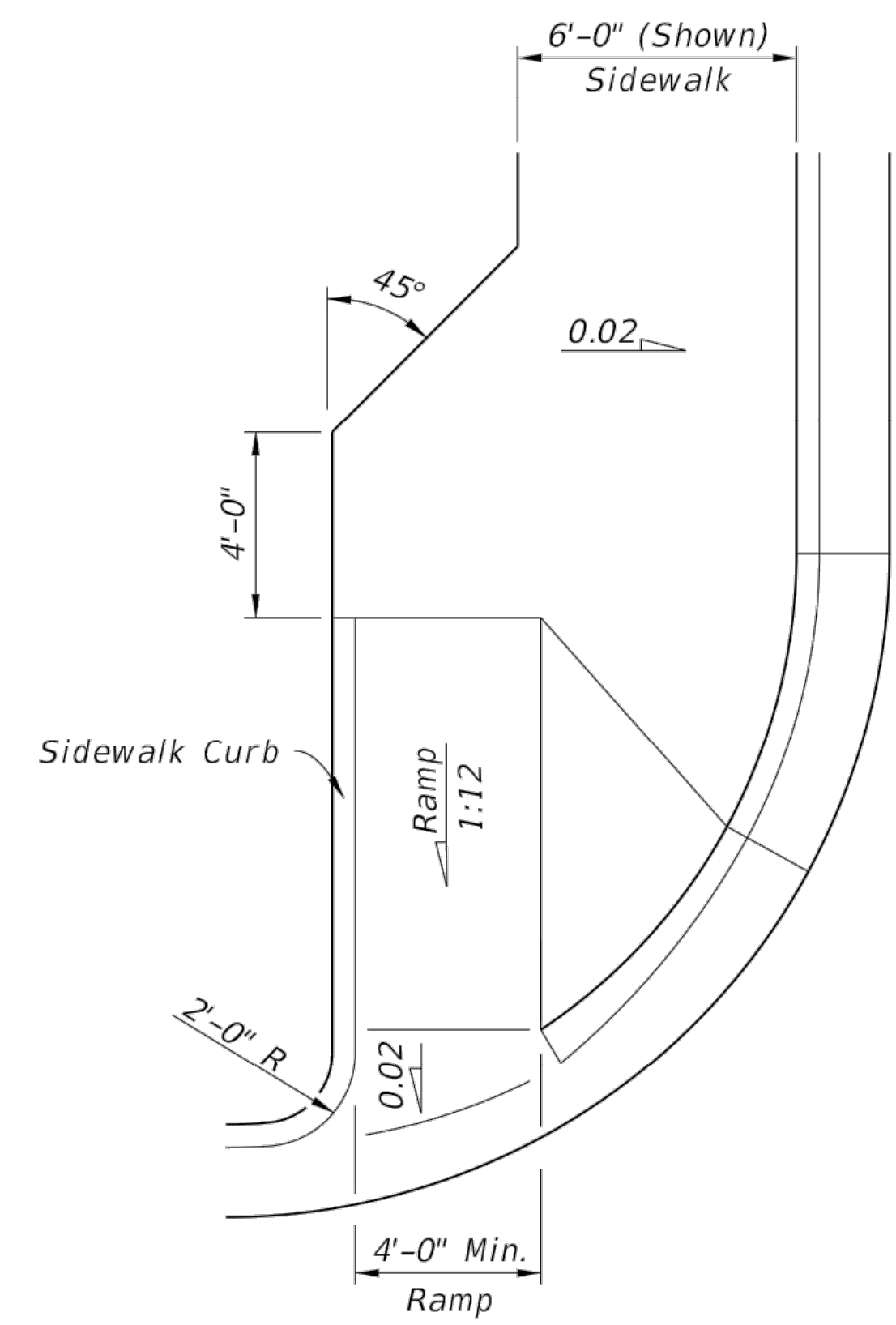
Engineering Division
Drawn by: J Casio
Checked by: RC
As-built drawn by:
Field Inspector:
Field Book No:

SHEET
18

Date: 04-19-24
Date: 04-19-24
Date:

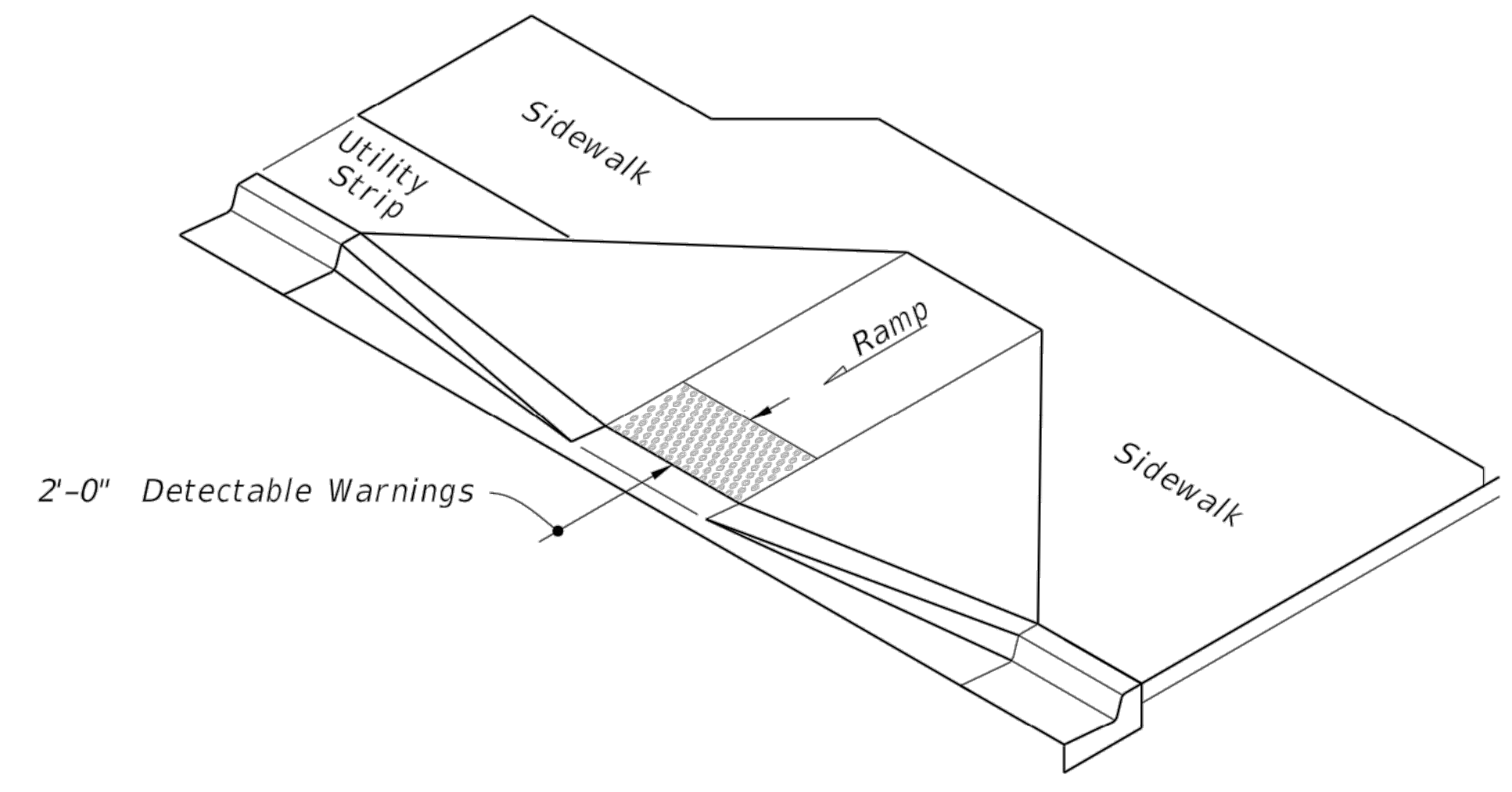


ISOMETRIC VIEW

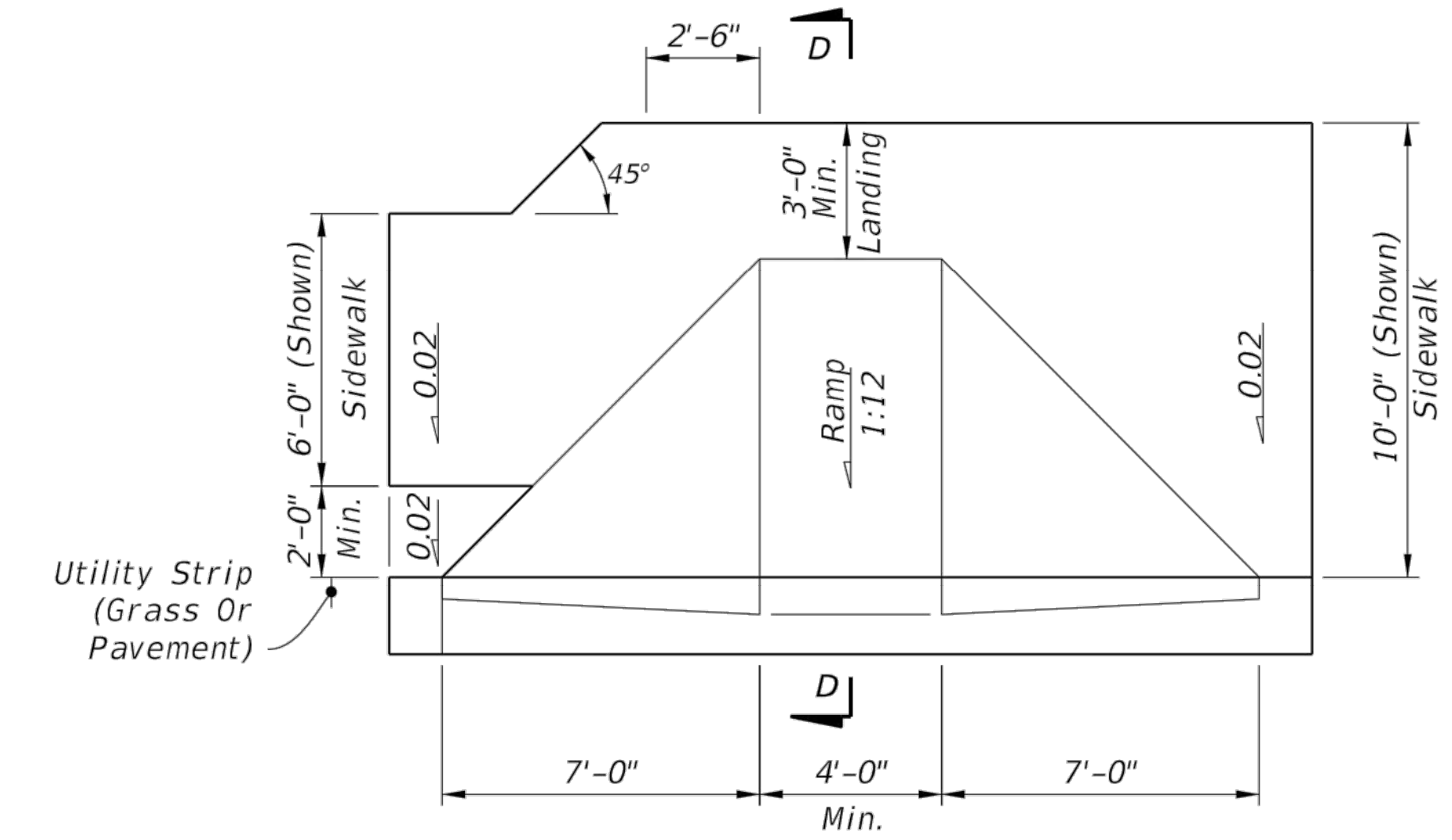


PLAN VIEW

CR-H

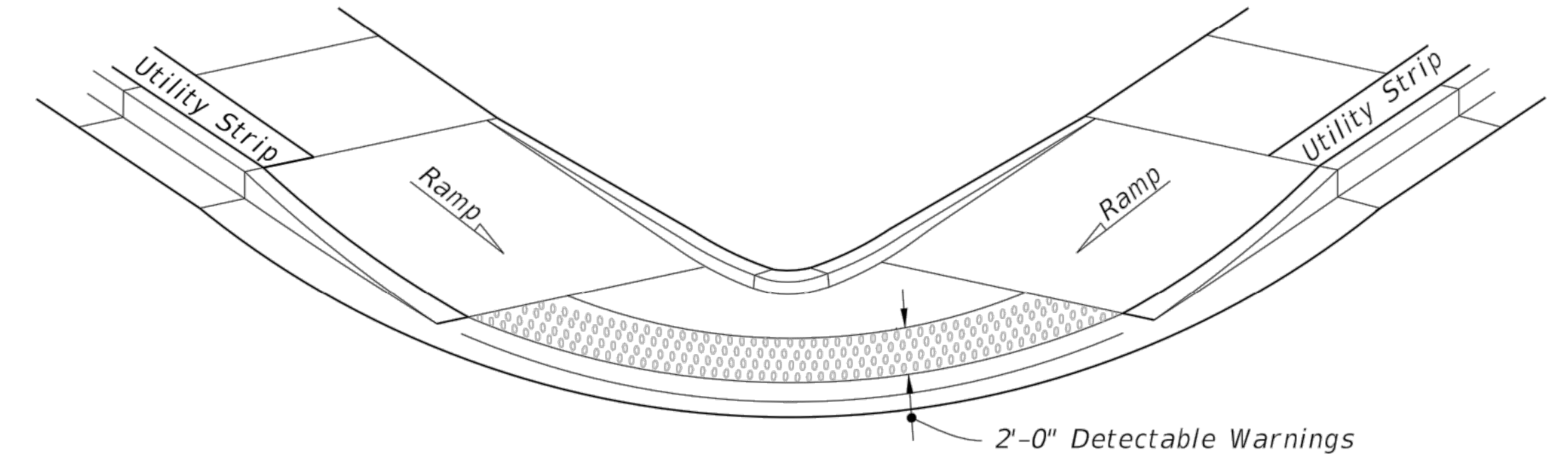


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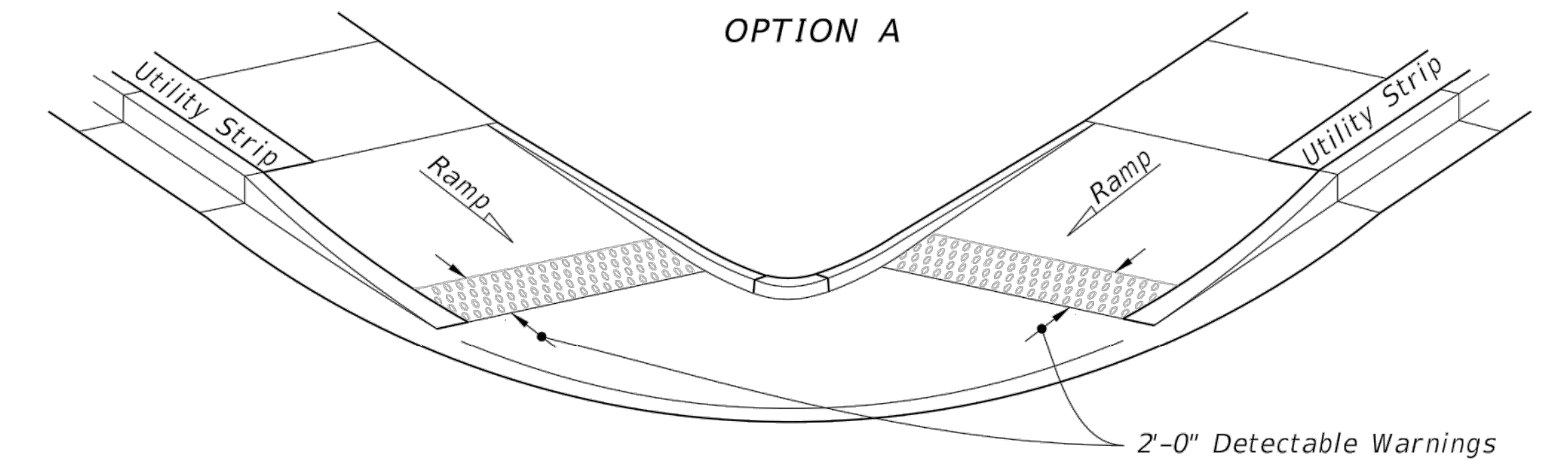


PLAN VIEW

CR-K

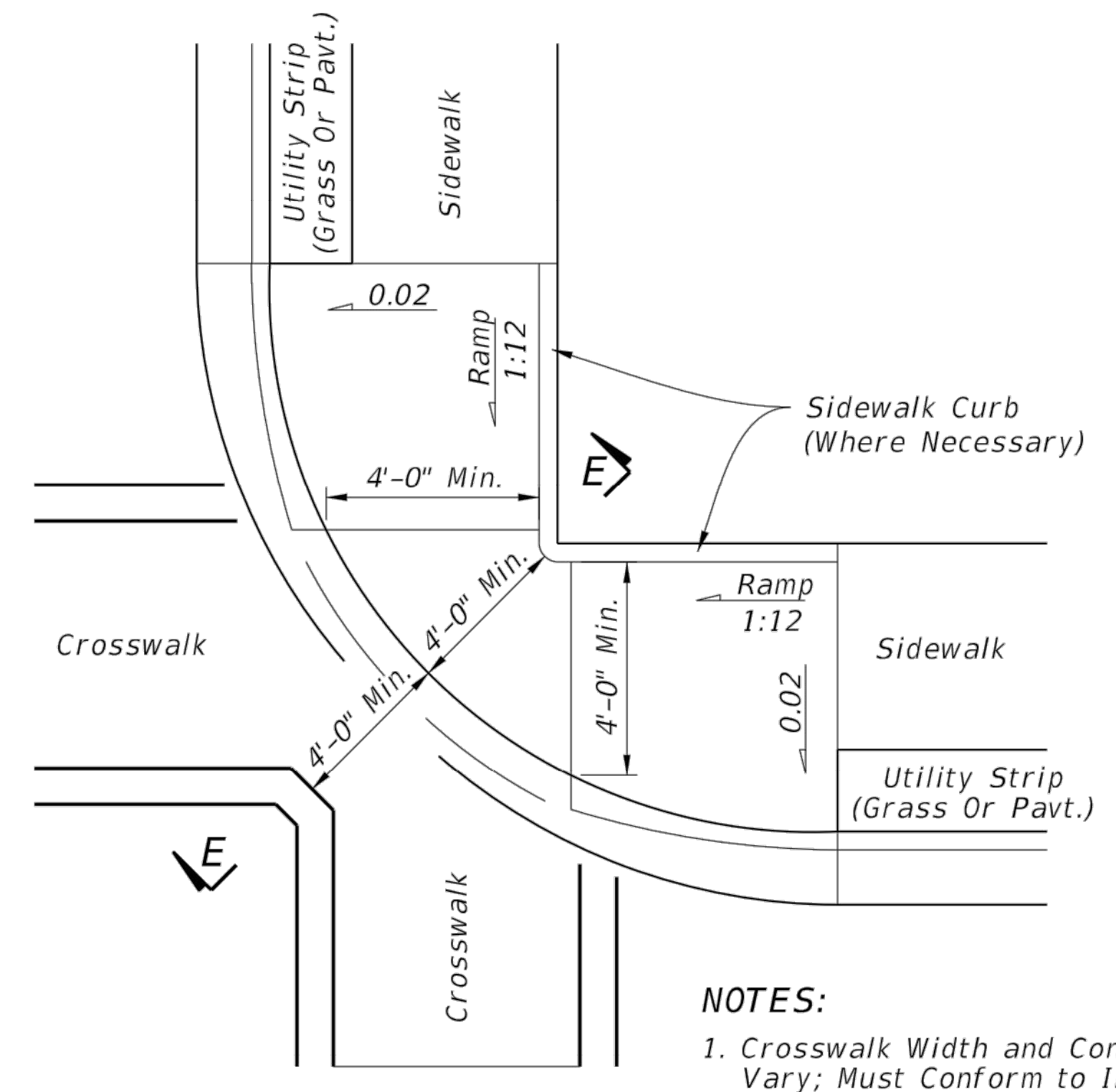


OPTION A



OPTION B

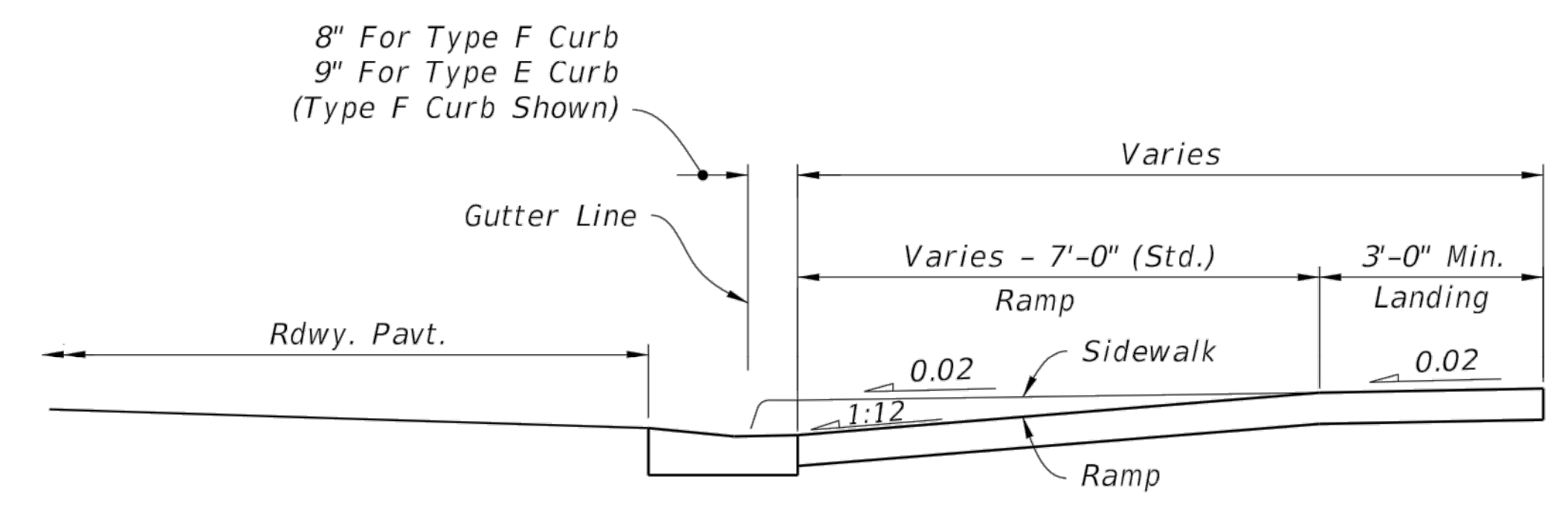
ISOMETRIC VIEW



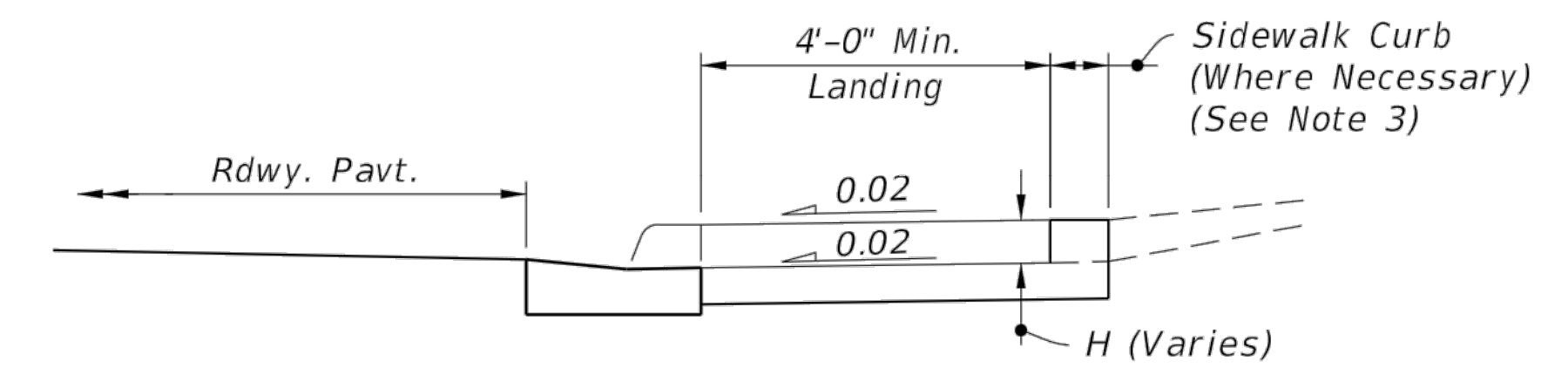
PLAN VIEW

CR-L

- NOTES:**
1. Crosswalk Width and Configuration Vary; Must Conform to Index 711-001.
 2. 15' Radius Curve Shown for CR-L.
 3. For additional information on sidewalk curb construction, see SIDEWALK CURB OPTIONS details, on Sheet 3.



SECTION D-D



SECTION E-E

SIDEWALK CURB RAMPS CR-H, CR-K & CR-L

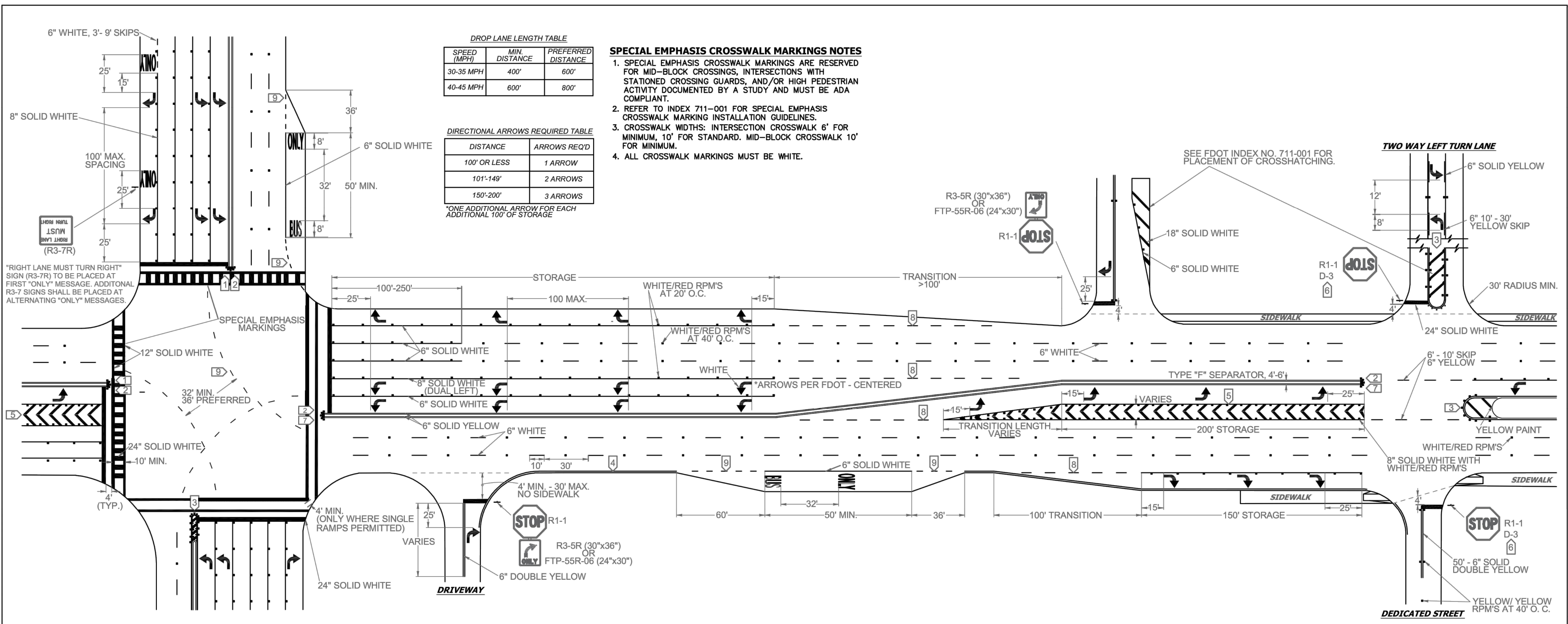
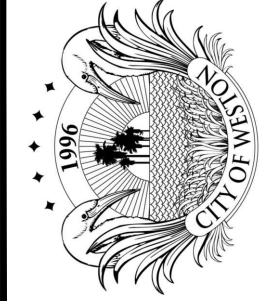
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LAST REVISION	DESCRIPTION:
11/01/20	

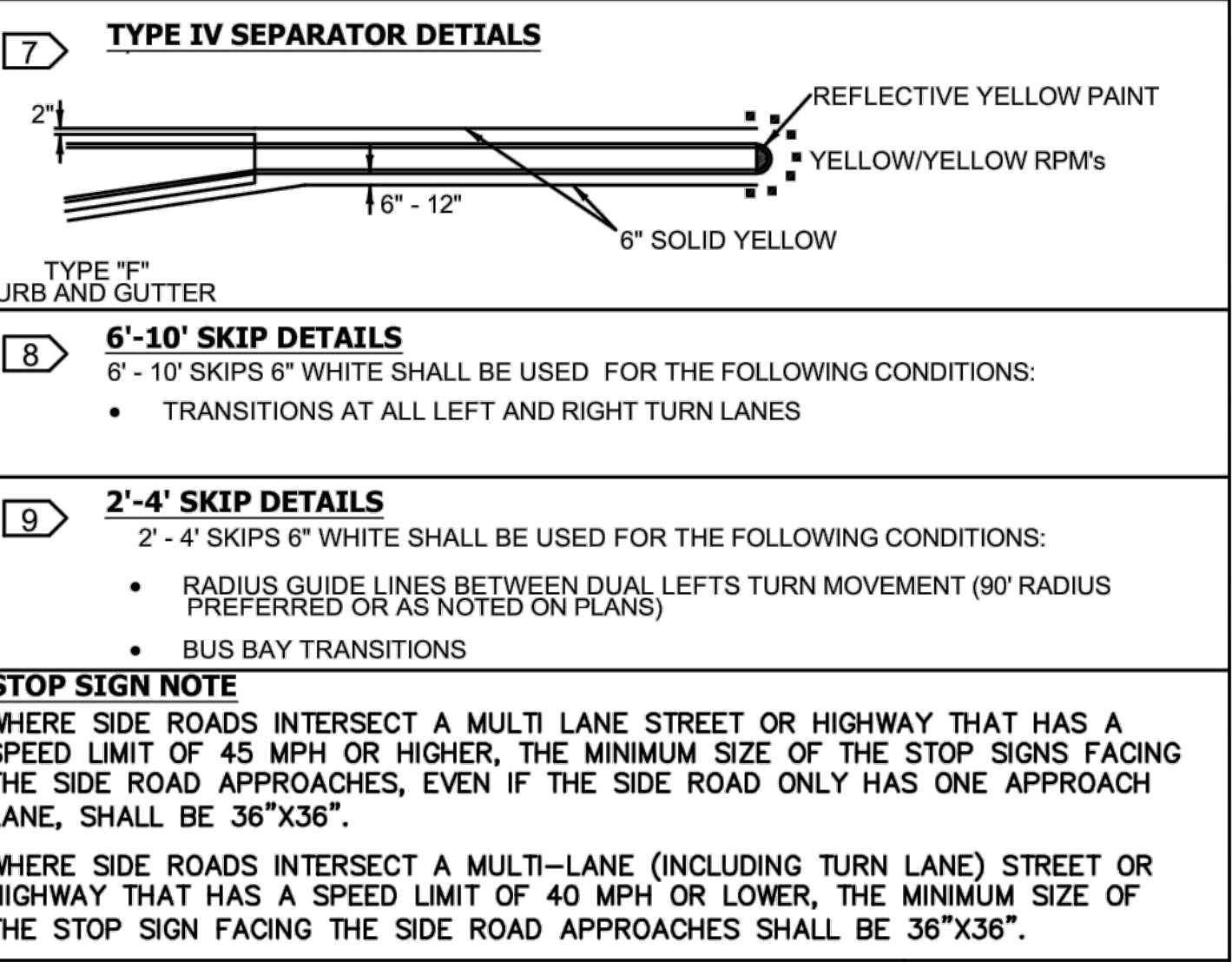
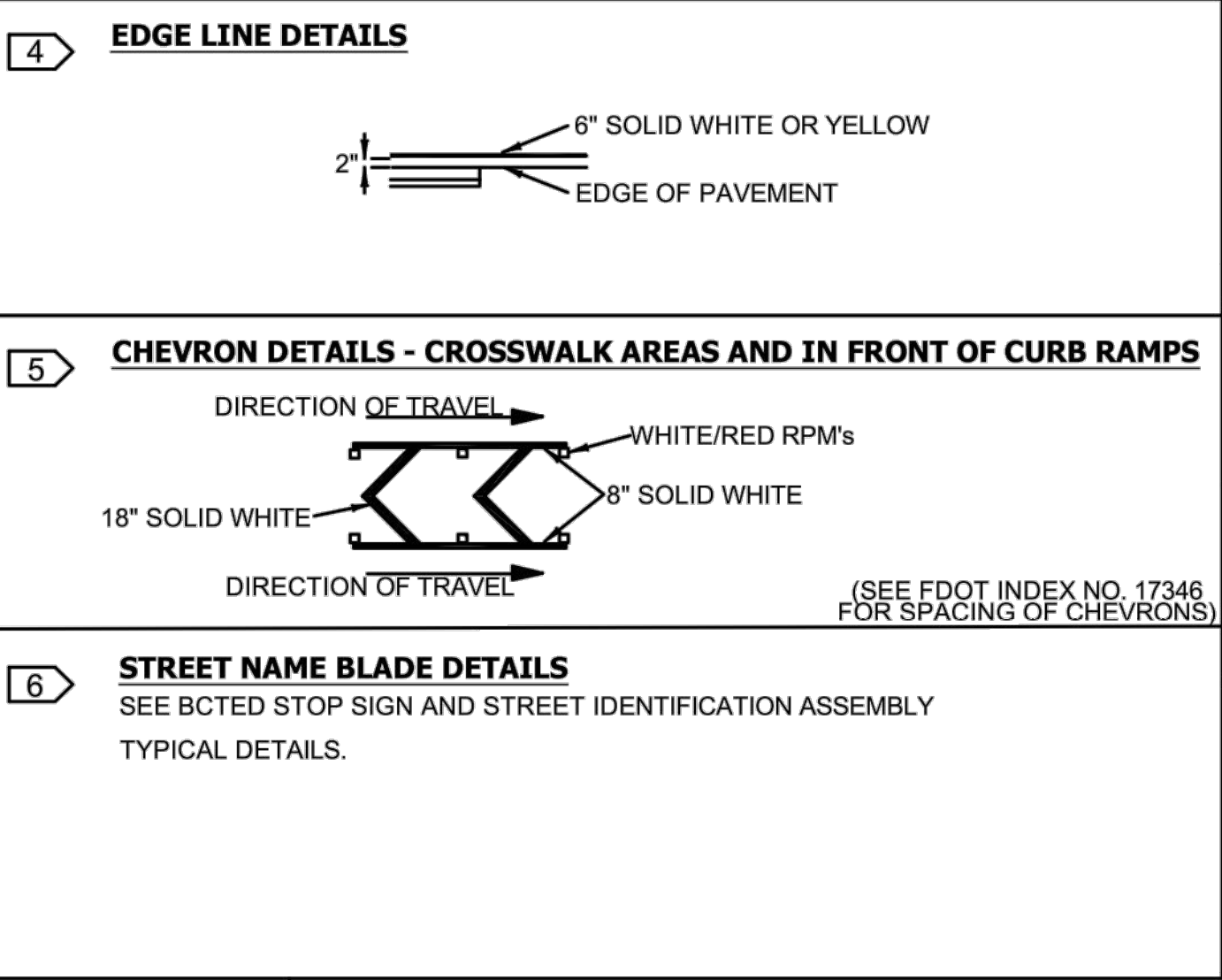
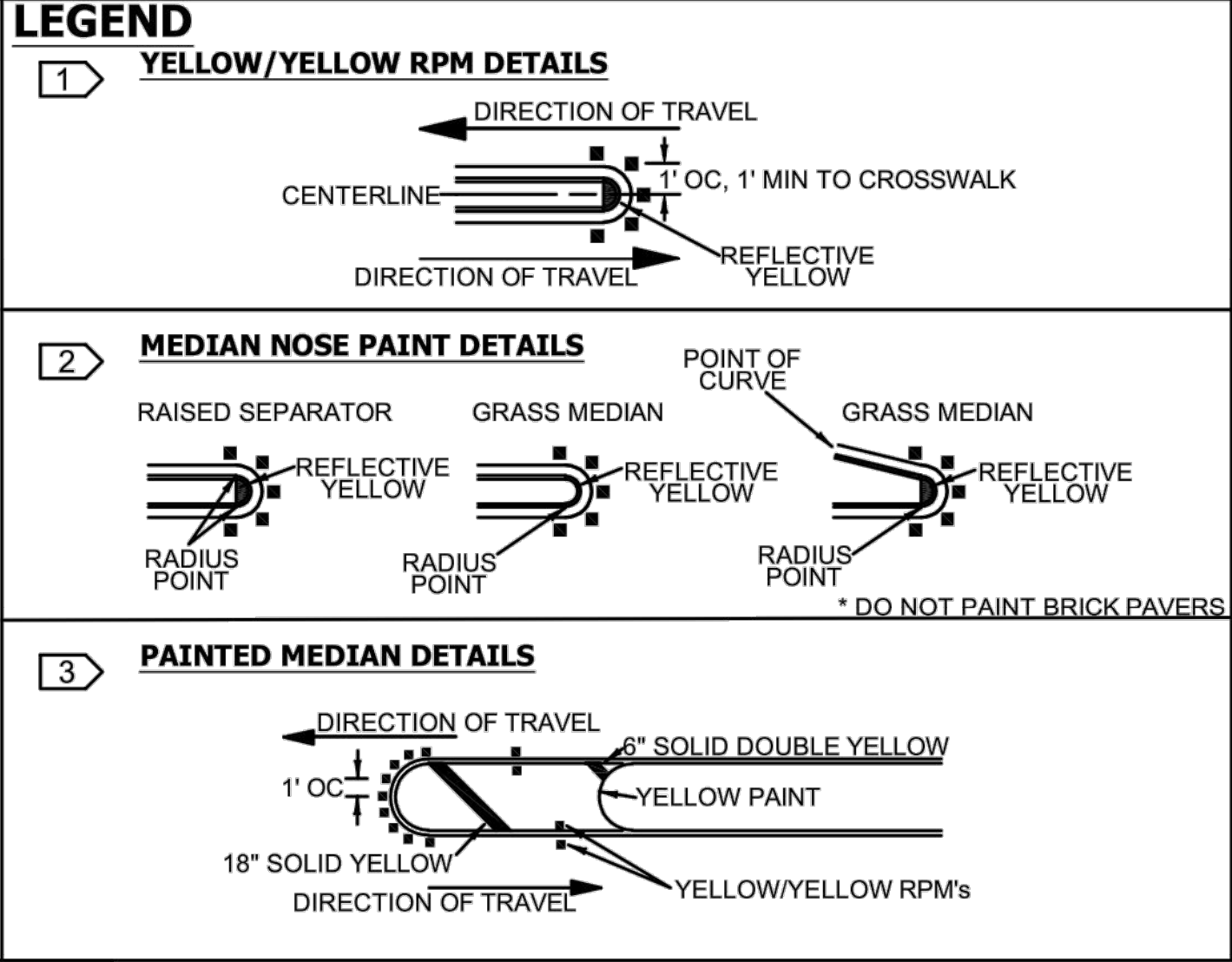
FDOT FY 2022-23 STANDARD PLANS

DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS

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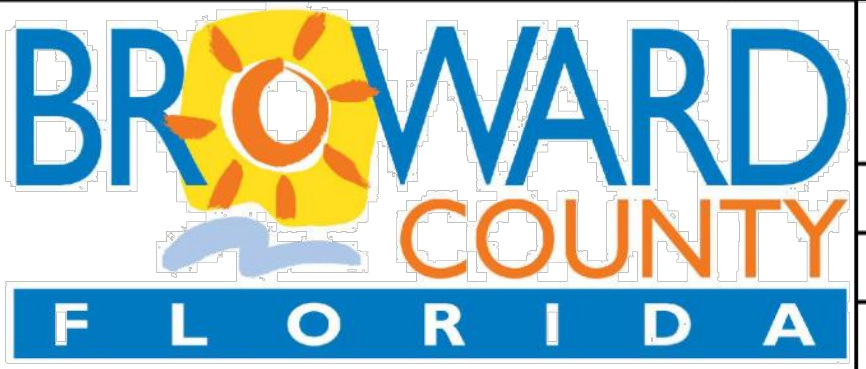


- NOTES**
- ALL PAVEMENT MARKINGS SHALL BE ALKYD BASED THERMOPLASTIC AND FULLY RETROREFLECTORIZED.
 - ALL PAVEMENT MARKINGS ON PAVEMENT SYSTEMS SHALL BE 3M 380/381 SERIES TAPE OR EQUIVALENT AND APPLIED WITH P60 ADHESIVE AS PER MANUFACTURERS SPECIFICATIONS.
 - ALL PAVEMENT MARKINGS AND SIGNING SHALL BE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", BCTED STANDARDS, AND FDOT DESIGN STANDARDS.
 - SEE FDOT INDEX NO 706-001 FOR PLACEMENT OF RPM'S (FOR BULLNOSE RPM TREATMENT, SEE LEGEND NO. 1)
 - RPM'S SHALL BE CLASS "B" OR EQUIVALENT, APPLIED WITH EPOXY OR BITUMINOUS ADHESIVE.
 - FDOT APPROVED SEALER SHALL BE USED WHEN APPLYING MARKINGS ON CONCRETE.
 - FOR BIKE LANE DETAILS SEE FDOT INDEX NO. 711-002.
 - EXISTING MARKINGS SHALL BE REMOVED BY WATER BLASTING OR SAND BLASTING.
 - ALL STOP LINES TO BE 4' BEHIND CROSSWALK OR SIDEWALK.
 - PAVEMENT MARKING REFLECTIVITY SHALL BE UNIFORM ACROSS THE ENTIRE STRIPE AND SHALL HAVE A MINIMUM REFLECTIVITY READING OF 250 MILLICANDELAS FOR WHITE AND 175 MILLICANDELAS FOR YELLOW.
 - ALL PRODUCTS MUST BE ON FDOT'S APPROVED PRODUCTS LIST (APL).
 - RPMS SHALL NOT BE INSTALLED ADJACENT TO BIKE LANES.
 - LONGITUDINAL CROSSWALK MARKINGS SHALL BE INSTALLED AT ALL CROSS STREETS ON COUNTY ROADS THAT ARE FOUR LANES OR GREATER.



REVISIONS

DATE	DESCRIPTION
11-24-2020	UPDATED NOTES
04-14-2021	UPDATED NOTES
05-06-2022	UPDATED NOTES



**PUBLIC WORKS DEPARTMENT
 TRAFFIC ENGINEERING DIVISION**

DESIGN BY: CARMELO CARATOZZOLO, P.E. SCALE: NTS
 DRAWN BY: STEPHON RAMOUTAR
 CHECKED BY: CARMELO CARATOZZOLO, P.E.

**PAVEMENT MARKINGS
 AND SIGNS
 DETAILS**

**SHEET
 NO.**

1 OF 1