

7.00 SIDEWALKS, MULTI-USE PATHS, AND DRIVEWAYS

7.01 Sidewalk Design Standards

Sidewalks are required on at least one side of all City streets. All Sidewalks constructed within the City of Fort Walton Beach shall be constructed of a minimum of 3,000 psi concrete and shall have a minimum concrete thickness of five (5) inches. Sidewalks located in state road right-of-way shall be in accordance with the Florida Department of Transportation's (FDOT) Standard Specifications for Road and Bridge Construction and FDOT Design Standards, latest edition. The City reserves the right to require a pedestrian/access easement in order to accommodate sidewalks. Construction of City sidewalk shall meet the following requirements:

- d. Subgrade shall be firm and unyielding.
- e. The cross slope for all sidewalks shall not exceed 1:50 (2%).
- f. The longitudinal slope shall not exceed 1:12 (8.33%), with 5 feet x 5 feet landings every 20 feet.
- g. When longitudinal slopes exceed 1:12, an ADA railing and appropriate landings shall be provided.
- h. Minimum clear width around obstacles shall be 36 inches.
- i. Concrete shall be cured a minimum of 24 hours after pouring.
- j. ½ inch deep, tooled control joints shall be provided at a distance equal to the sidewalk width or every 5 feet, whichever is less.
- k. Expansion joints shall be provided at maximum of every fifty (50) feet and where concrete is placed adjacent to existing curbs, driveways, buildings and walkways.

7.02 Multi-Use Path Design Standards

The construction of multi-use paths is encouraged on City streets where bike lanes are not feasible. Multi-use paths shall be designed and constructed to accommodate both pedestrians and cyclists. Multi-use paths constructed within the City of Fort Walton Beach shall be constructed of a minimum of 3,000 psi concrete. Multi-use paths shall have a minimum concrete thickness of five (5) inches. One (1) inch of asphalt may be used as an acceptable alternative to concrete. Construction of City multi-use paths shall conform to the following guidelines:

- a. Subgrade shall be firm and unyielding.
- b. The minimum width for all City multi-use paths shall be eight (8) feet unless otherwise noted.
- c. The cross slope for all multi-use paths shall not exceed 1:50 (2%).
- d. The longitudinal slope shall not exceed 1:12 (8.33%), with 8 feet x 8 feet landings every 20 feet.
- e. When slopes exceed 1:12, an ADA railing and appropriate landings shall be provided.
- f. Minimum clear width around obstacles shall be 36 inches.
- g. Concrete shall be cured a minimum of 24 hours after pouring.
- h. ½ inch deep, tooled control joints shall be provided at a distance equal to the multi-use path width or every 8 feet, whichever is less.
- i. Expansion joints shall be provided at maximum of every fifty (50) feet and where concrete is placed adjacent to existing curbs, driveways, buildings and walkways.

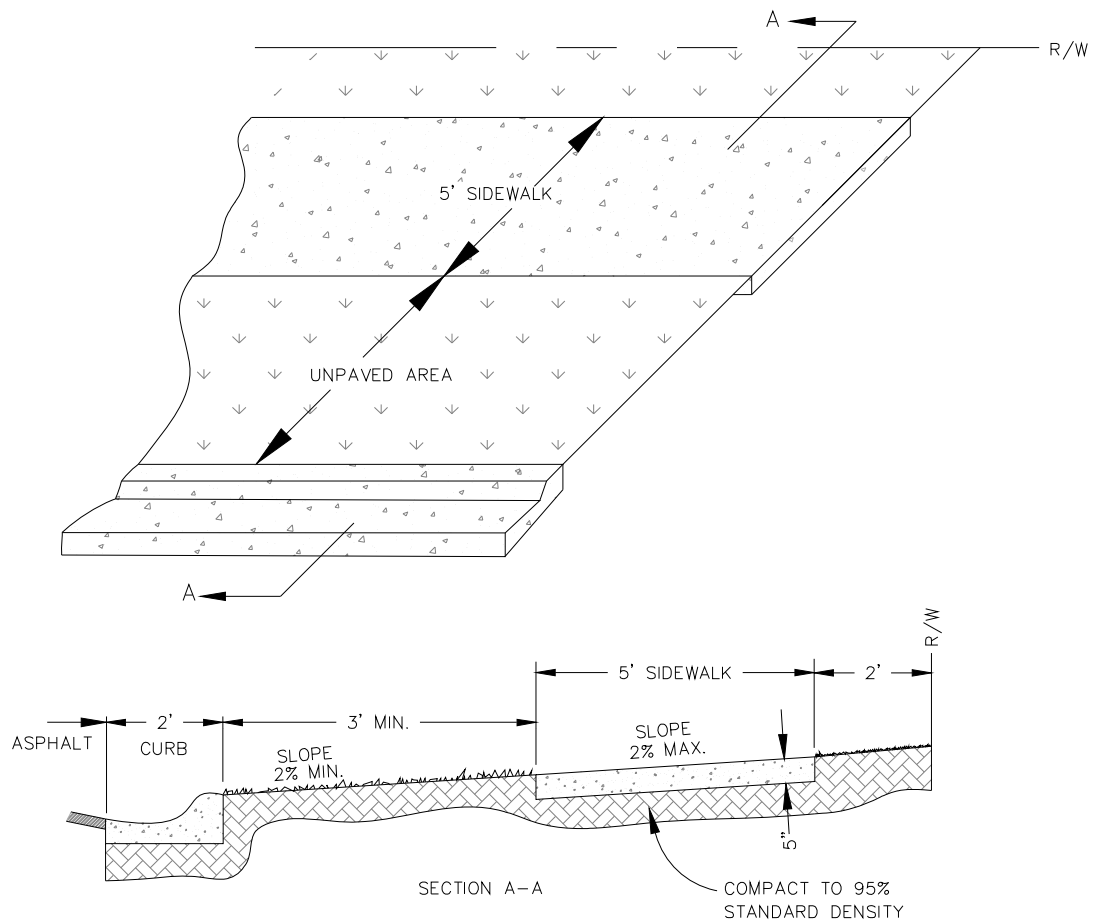
7.03 Driveway Design Standards

All driveways constructed within the City of Fort Walton Beach shall be paved from the edge of pavement to the City right-of-way line. Driveways shall be constructed of a minimum of 3,000 psi concrete or asphalt pavement. Driveways shall have a minimum thickness of five (5) inches for concrete pavements, and a minimum of one and one-half (1 ½) inches for asphalt pavement. Driveways connecting to state road right-of-way shall be in accordance with the Florida Department of Transportation's (FDOT) Standard Specifications for Road and Bridge Construction and FDOT Design Standards, latest edition. The City reserves the right to require additional paving or reinforcement depending upon the type and amount of expected vehicular traffic. Construction of City driveways shall conform to the following guidelines:

- a. Subgrade shall be firm and unyielding.
- b. The maximum width of the driveway shall be twenty-four (24) feet unless the City determines that a wider driveway would provide safer access.
- c. For driveways that intersect City sidewalk, the cross slope of a five (5) foot wide section is to not exceed 1:50 (2%). Longitudinal slope not to exceed 1:12 (8.33%).
- d. Concrete shall be cured a minimum of 24 hours after pouring.
- e. Expansion joints shall be provided where concrete is placed adjacent to the existing curb, driveways, buildings and walkways.
- f. If street has been overlaid into the gutter, match concrete to concrete and asphalt to asphalt.

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STANDARD SIDEWALK



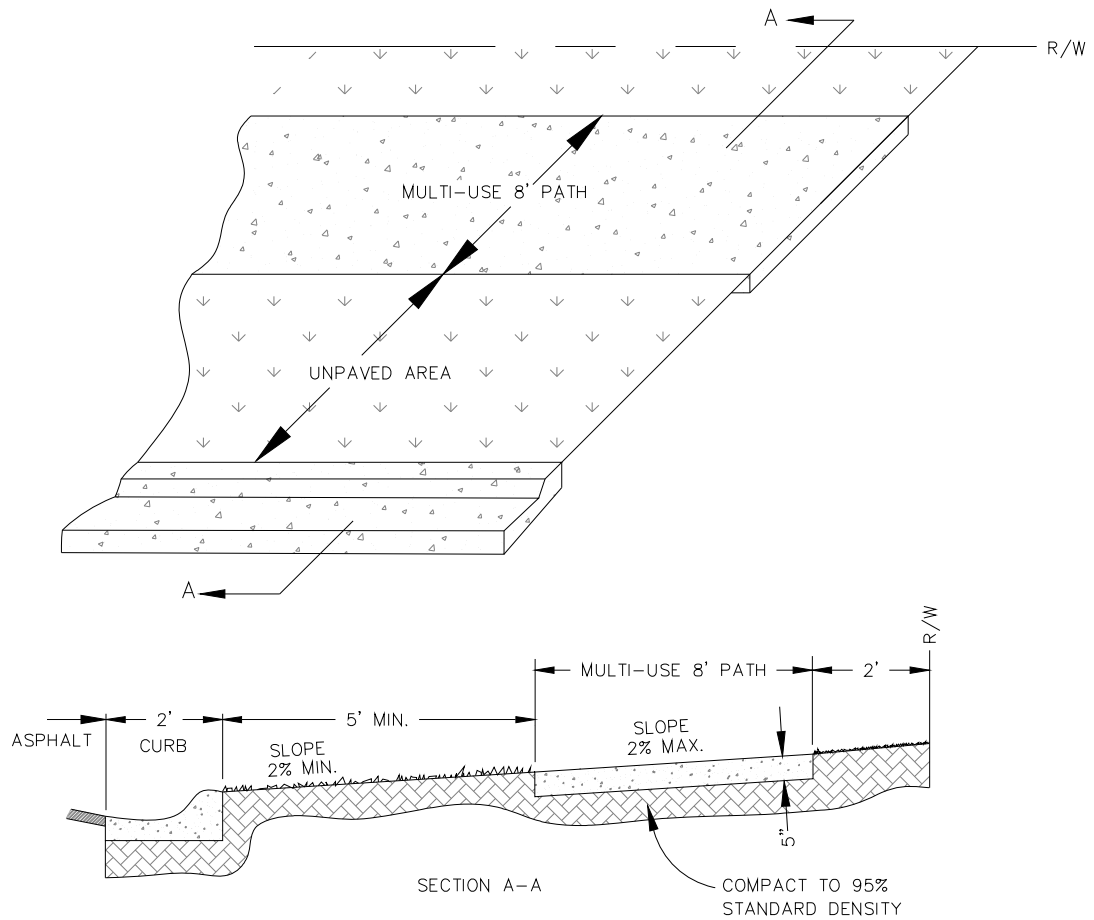
NOTES:

1. CROSS SLOPE NOT TO EXCEED 1:50 (2%).
2. RUNNING SLOPE NOT TO EXCEED 1:12 (8.33%), WITH 5' X 5' LEVEL LANDINGS EVERY 20'
3. MIN. CLEAR WIDTH AROUND OBSTACLES SHALL BE 36 INCHES.
4. WIDTH OF SIDEWALK AS REQUIRED BY ORDINANCE.
5. LOCATION OF SIDEWALK PREFERABLY 2' FROM R/W LINE.
6. SIDEWALK TO BE A MIN. 3,000 PSI CONCRETE.
7. CONCRETE SHALL BE CURED MIN. 24 HOURS AFTER POURING.
8. 1/2" DEEP, TOOLED CONTROL JOINTS SHALL BE PROVIDED AT A DISTANCE EQUAL TO THE SIDEWALK WIDTH OR EVERY 5', WHICHEVER IS LESS.
9. EXPANSION JOINTS SHALL BE PROVIDED AT A MAX. OF 50' AND WHERE CONCRETE IS PLACED ADJACENT TO EXISTING CURB, DRIVEWAYS, BUILDINGS AND WALKWAYS.

City of Fort Walton Beach Engineering Standards	STANDARD SIDEWALK	SCALE: NTS	7-16-2012 KJN	DRAWING # ESM-7.01
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MULTI-USE PATH



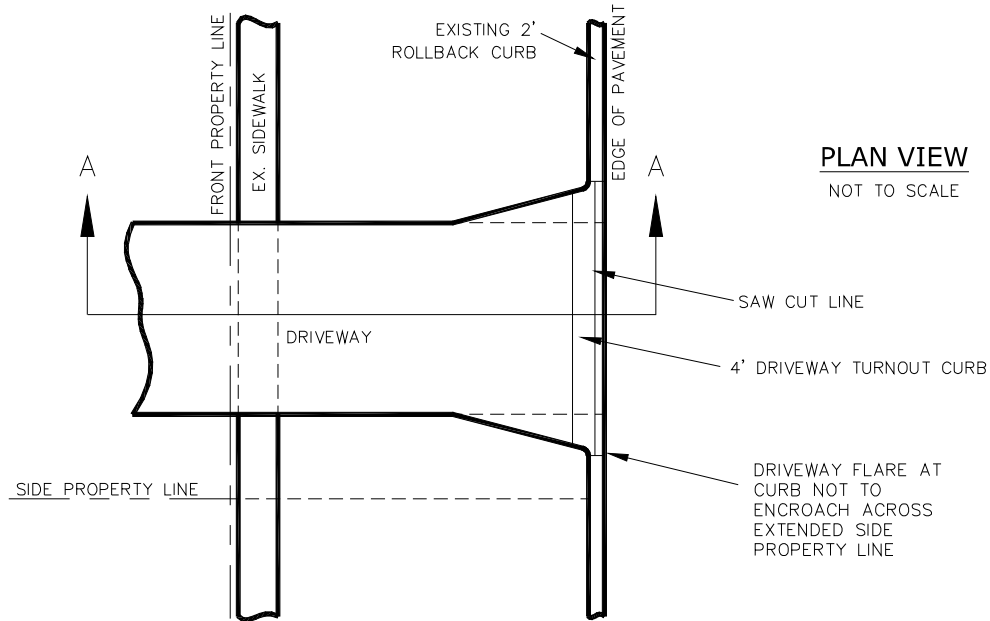
NOTES:

1. CROSS SLOPE NOT TO EXCEED 1:50 (2%).
2. RUNNING SLOPE NOT TO EXCEED 1:12 (8.33%), WITH 8' X 8' LEVEL LANDINGS EVERY 20'
3. MIN. CLEAR WIDTH AROUND OBSTACLES SHALL BE 36 INCHES.
4. LOCATION OF MULTI-USE PATH PREFERABLY 2' FROM R/W LINE.
5. MULTI-USE PATH TO BE A MIN. 3,000 PSI CONCRETE.
6. CONCRETE SHALL BE CURED MIN. 24 HOURS AFTER POURING.
7. 1/2" DEEP, TOOLED CONTROL JOINTS SHALL BE PROVIDED AT A DISTANCE EQUAL TO THE MULTI-USE PATH WIDTH.
8. EXPANSION JOINTS SHALL BE PROVIDED AT A MAX. OF 50' AND WHERE CONCRETE IS PLACED ADJACENT TO EXISTING CURB, DRIVEWAYS, BUILDINGS AND WALKWAYS.

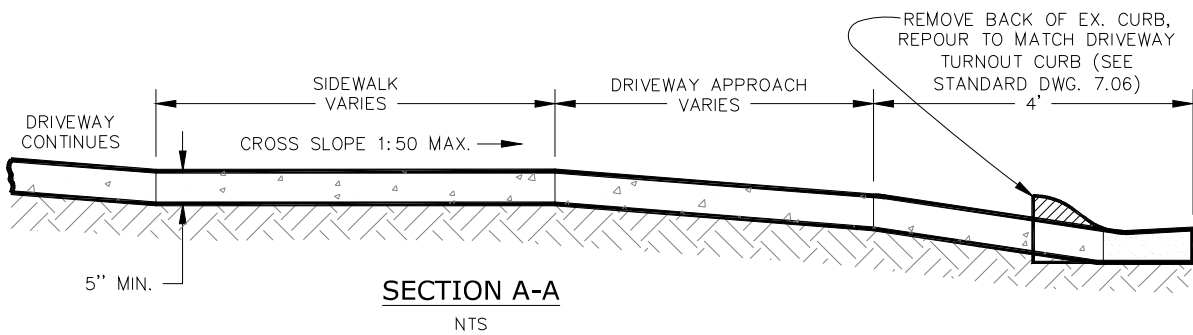
City of Fort Walton Beach Engineering Standards	MULTI-USE PATH	SCALE: NTS	7-16-2012 KJN	DRAWING # ESM-7.02
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STANDARD RESIDENTIAL DRIVEWAY



PLAN VIEW
NOT TO SCALE



SECTION A-A
NTS

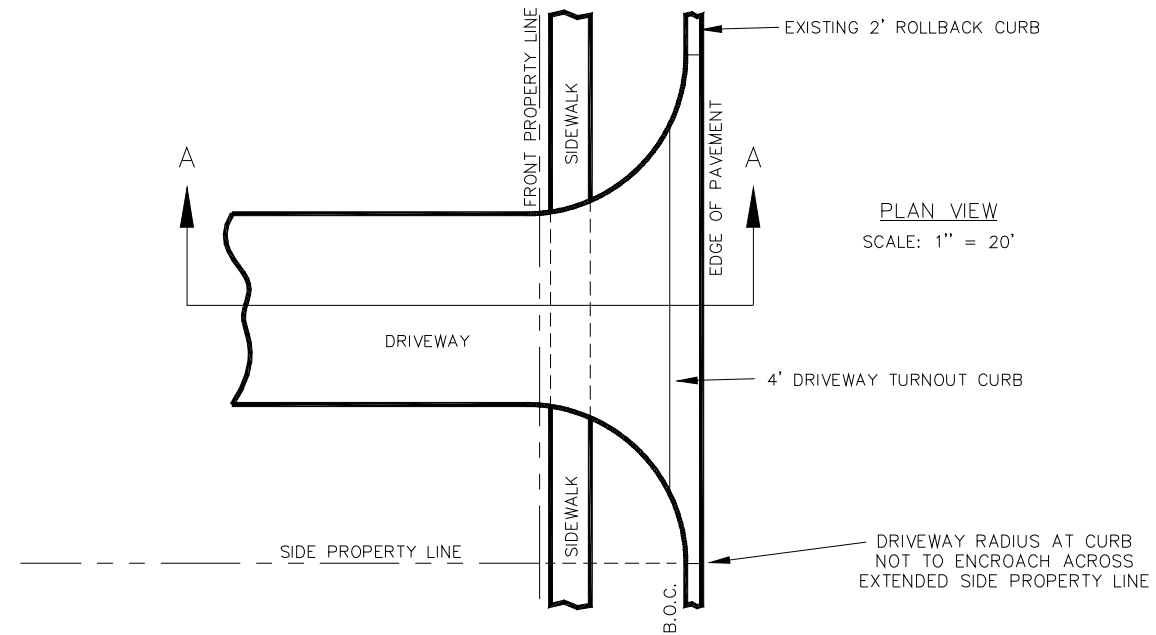
NOTES:

1. CURB TO BE 3000 PSI CONCRETE.
2. MARK CURB AT DESIRED LOCATION AND THE CITY WILL REMOVE THE BACK OF CURB.
3. CALL DEVELOPMENT SERVICES AT 833-9605 AFTER CURB IS MARKED.
4. IF STREET HAS BEEN OVERLAYED, INTO GUTTER, MATCH CONCRETE TO CONCRETE AND ASPHALT TO ASPHALT.

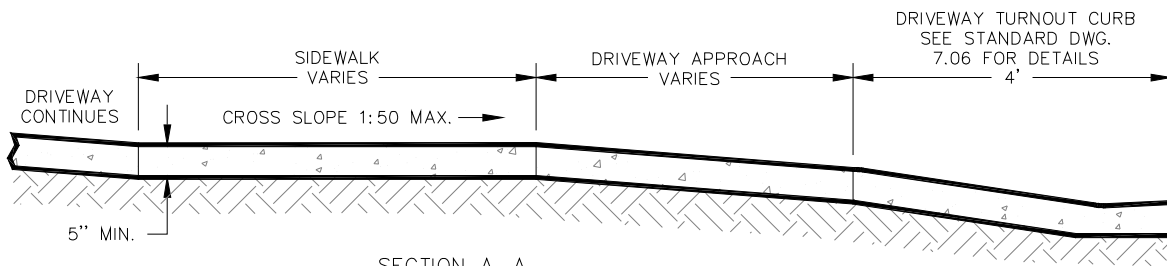
City of Fort Walton Beach Engineering Standards	STANDARD RESIDENTIAL DRIVEWAY	SCALE: NTS	7-16-2012 KJN	DRAWING # ESM-7.03
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STANDARD COMMERCIAL DRIVEWAY



PLAN VIEW
SCALE: 1" = 20'



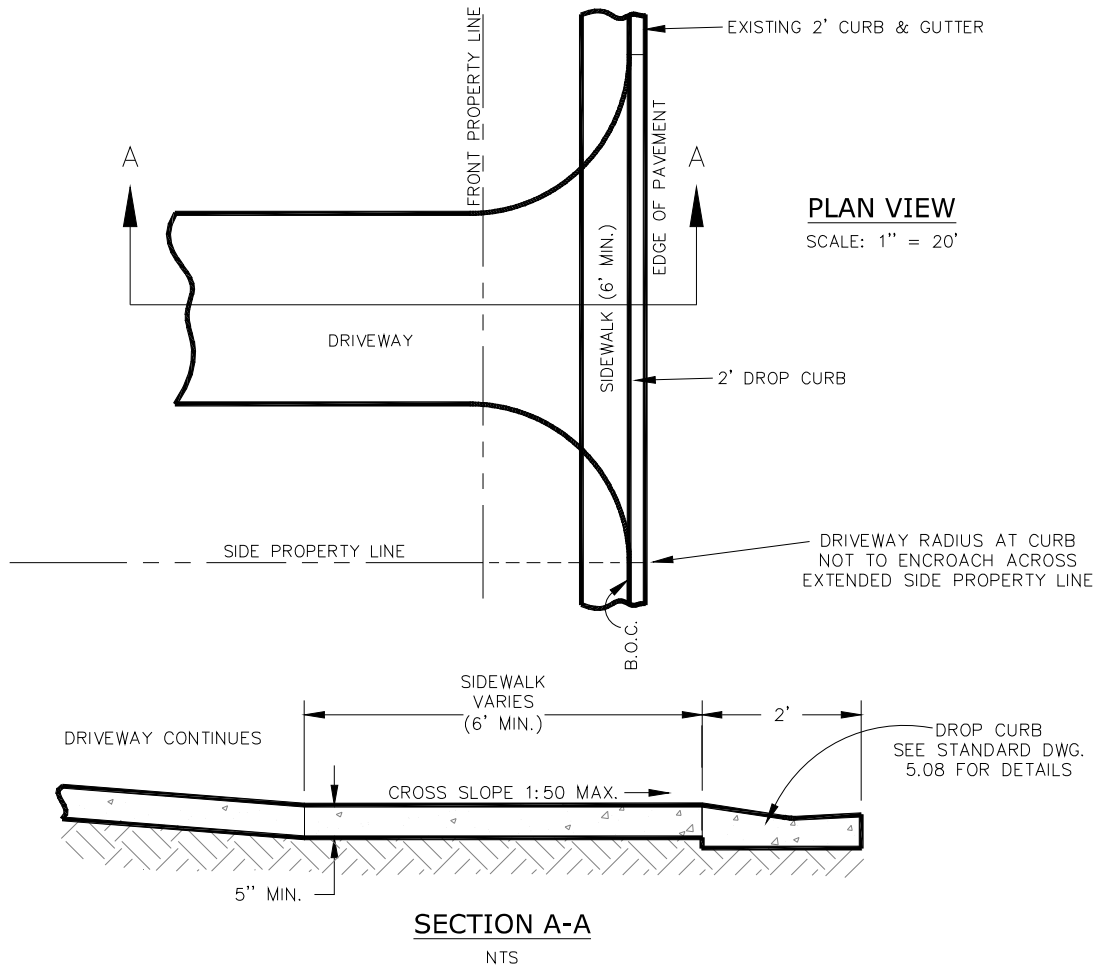
NOTES:

1. IF STREET HAS BEEN OVERLAYED, INTO GUTTER, MATCH CONCRETE TO CONCRETE AND ASPHALT TO ASPHALT.
2. CURB TO BE 3000 PSI CONCRETE.

City of Fort Walton Beach Engineering Standards	STANDARD COMMERCIAL DRIVEWAY	SCALE: NTS	7-16-2012 KJN	DRAWING # ESM-7.04
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STANDARD COMMERCIAL DRIVEWAY WITH SIDEWALK AT BACK OF CURB

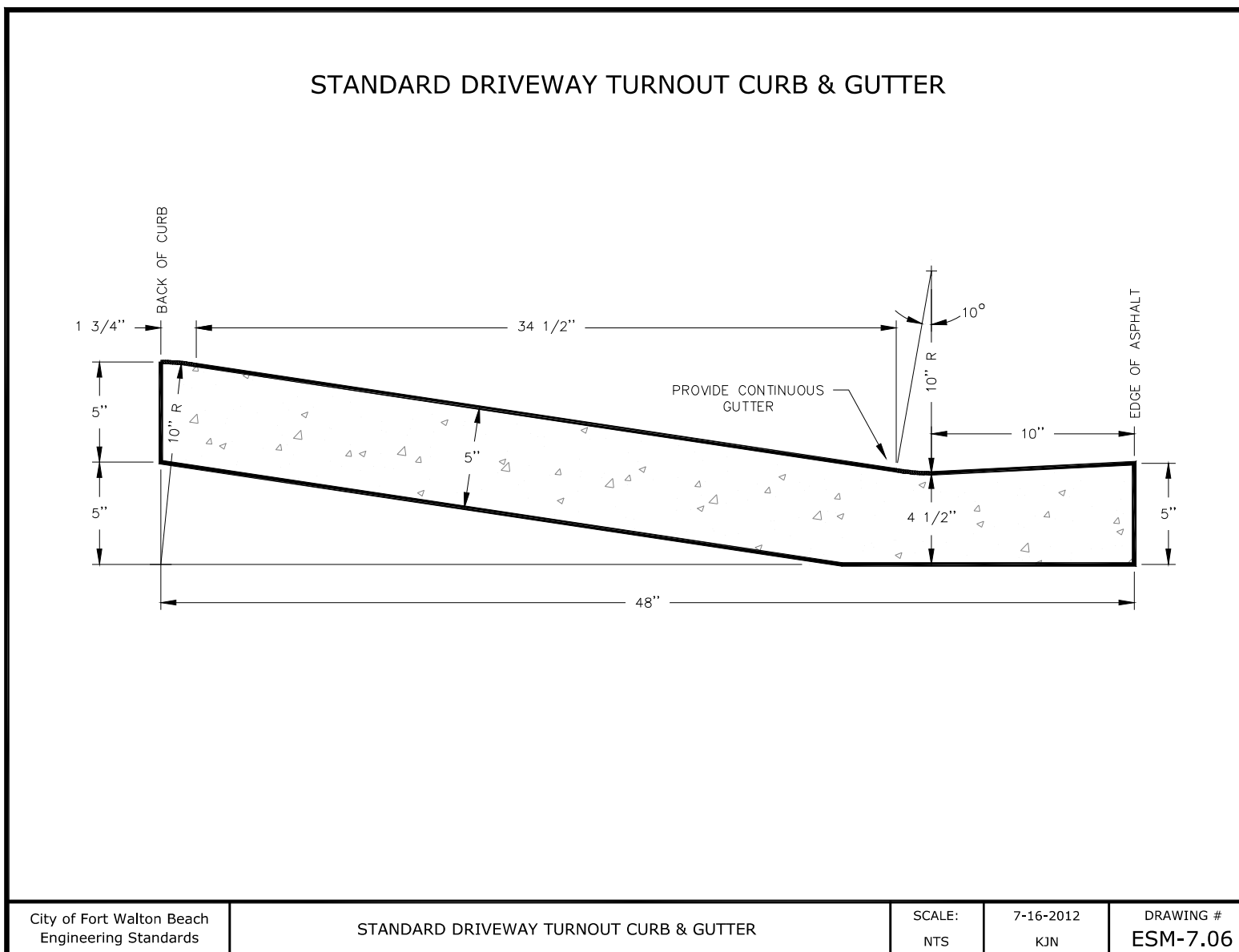


NOTES:

1. IF STREET HAS BEEN OVERLAYED, INTO GUTTER, MATCH CONCRETE TO CONCRETE AND ASPHALT TO ASPHALT.

City of Fort Walton Beach Engineering Standards	STANDARD COMMERCIAL DRIVEWAY WITH SIDEWALK AT BACK OF CURB	SCALE: NTS	7-16-2012 KJN	DRAWING # ESM-7.05
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