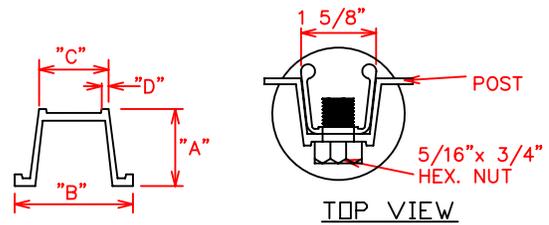


NOTES:

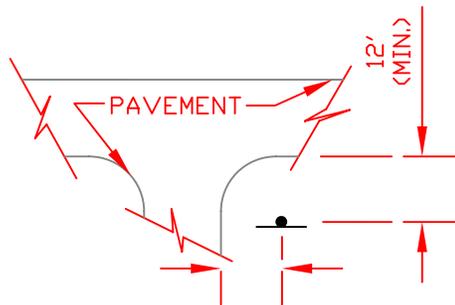
- SIGN ASSEMBLY TYPICAL TO ALL SIGNS OTHER THAN HANDICAP SIGNS.
- FOR ALUMINUM POST, BASE, FOUNDATION AND FUSE ASSEMBLY, REFER TO FDOT INDEX NO. 11860. (STATE OF FLORIDA DOT 2008 DESIGN STANDARDS) OR BROWARD COUNTY TYPICAL SIGN ASSEMBLY DETAIL (ENGINEERING DESIGN STANDARDS LATEST EDITION)

TYPICAL SIGN POST



DIMENSION	TOLERANCE	2.00"	3.00"
"A"	+/- 3/32"	1 15/32"	1 7/8"
"B"	+/- 1/8"	3 1/16"	3 1/2"
"C"	+/- 1/16"	1 9/32"	1 5/16"
"D"	+/- 1/32"	3/16"	7/32"

CHANNEL POST



NOTE:

- REFER TO MUTCD SECTION 2A-16 FOR LOCATIONS.

TYPICAL STOP SIGN LOCATION

REVISIONS		
No.	Date	Remarks

Date: 4/20/09

By: _____

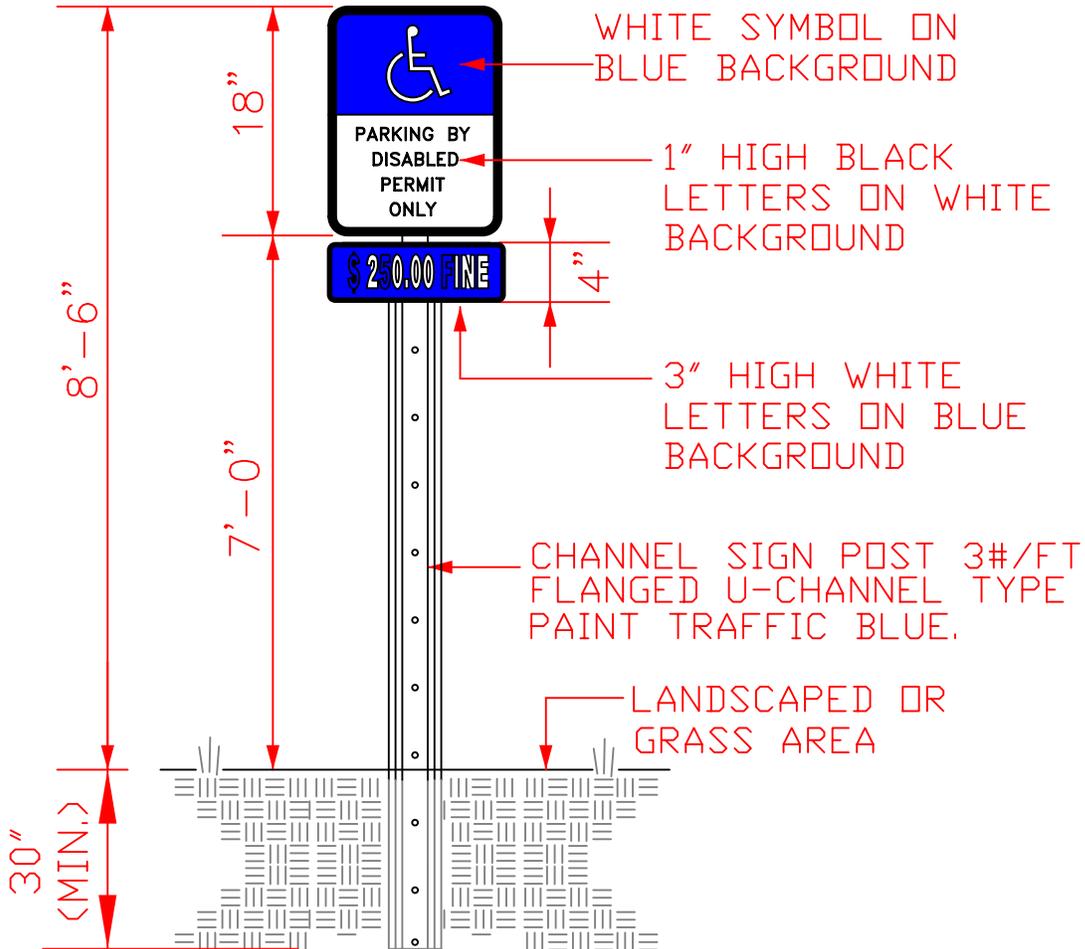
STOP/STREET
SIGN DETAIL

Seal: _____

STANDARD DETAILS

FIGURE PM-1

CITY OF TAMARAC, BROWARD COUNTY, FLORIDA



NOTE:

- FOR ALUMINUM POST, BASE, FOUNDATION AND FUSE ASSEMBLY, REFER TO FDOT INDEX NO. 11860. (STATE OF FLORIDA DOT 2008 DESIGN STANDARDS) OR BROWARD COUNTY TYPICAL SIGN ASSEMBLY DETAIL. (ENGINEERING DESIGN STANDARDS LATEST EDITION)

HANDICAP SIGN POST

REVISIONS		
No.	Date	Remarks

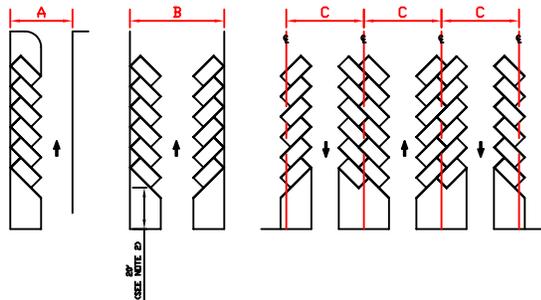
Date: 4/20/09
TYPICAL HANDICAP SIGN

Seal:

STANDARD DETAILS
FIGURE PM-02
CITY OF TAMARAC, BROWARD COUNTY, FLORIDA

MINIMUM PARKING LOT WIDTH DIMENSION SPECIFICATION

FOR ONE WAY TRAFFIC

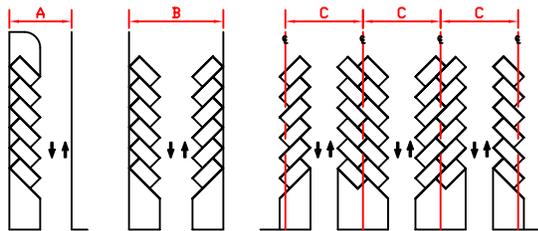


PARKING ANGLE	A	B	C
0°	22'	32'	32'
30°	30'	48'	39'
45°	34'	54'	47'
60°	40'	62'	57'
90°	44'	64'	64'

NOTES:

1. ALL EXAMPLES SHOW 45° PARKING ANGLE WITH 9'x18' STALLS.
2. MINIMUM REQUIRED BACKUP DISTANCE. (TYPICAL FOR ALL PARKING BAYS)
3. IF LANDSCAPE ISLANDS ARE USED, DIMENSIONS SHALL BE MEASURED FROM FROM THE CENTERLINE OF THE ISLAND.
4. THE DIMENSIONS SHOWN ARE MINIMUMS. GREATER AISLE WIDTH DIMENSIONS COULD BE PROVIDED SUBJECT TO THE APPROVAL OF THE CITY ENGINEER.

FOR TWO WAY TRAFFIC

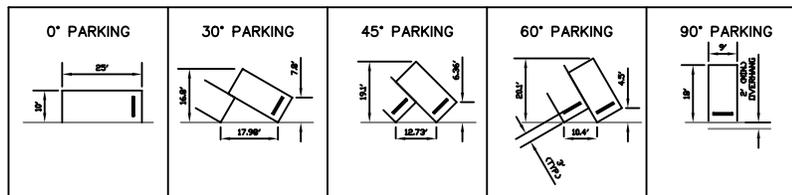


PARKING ANGLE	A	B	C
0°	34'	44'	44'
30°	41'	61'	44'
45°	45'	66'	53'
60°	50'	73'	68'
90°	44'	64'	64'

NOTES:

1. ALL EXAMPLES SHOW 45° PARKING ANGLE WITH 9'x18' STALLS.
2. MINIMUM REQUIRED BACKUP DISTANCE. (TYPICAL FOR ALL PARKING BAYS)
3. IF LANDSCAPE ISLANDS ARE USED, DIMENSIONS SHALL BE MEASURED FROM FROM THE CENTERLINE OF THE ISLAND.
4. THE DIMENSIONS SHOWN ARE MINIMUMS. GREATER AISLE WIDTH DIMENSIONS COULD BE PROVIDED SUBJECT TO THE APPROVAL OF THE CITY ENGINEER.

PARKING STALL DIMENSIONS



NOTE:

MINIMUM PARKING SPACE WIDTH SHALL BE:
RESIDENTIAL: 9' NON-RESIDENTIAL: 10'
CITY OF TAMARAC CODE SECTION 24-578, FIGURE B

REVISIONS

No.	Date	Remarks	By

Date: 4/20/09

Seal:

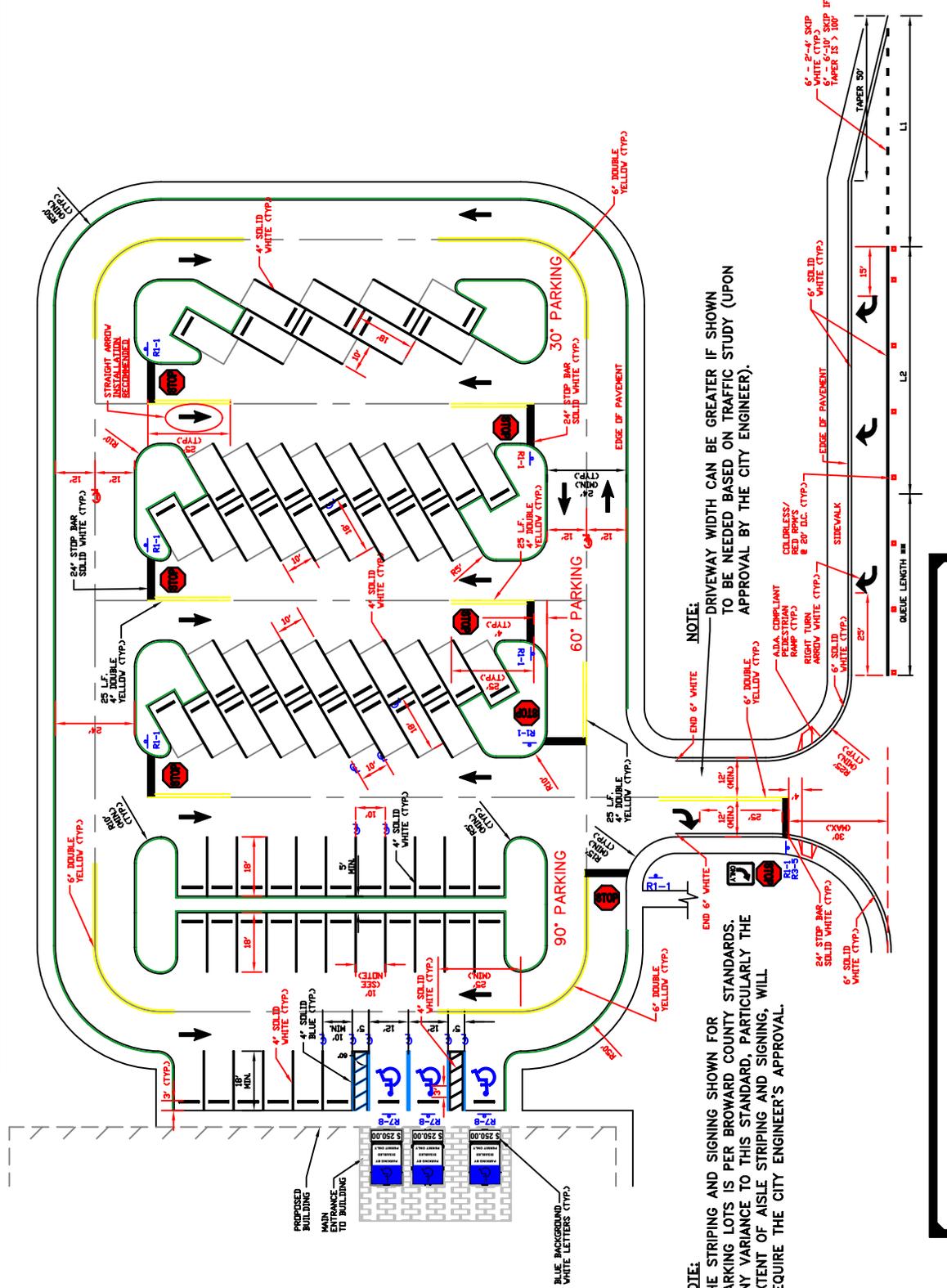
MINIMUM PARKING LOT WIDTH
DIMENSIONS SPECIFICATIONS

STANDARD DETAILS

FIGURE PM-03

CITY OF TAMARAC, BROWARD COUNTY, FLORIDA

TYPICAL PARKING LAYOUT AND PAVEMENT MARKIN



NOTE:
DRIVEWAY WIDTH CAN BE GREATER IF SHOWN
TO BE NEEDED BASED ON TRAFFIC STUDY (UPON
APPROVAL BY THE CITY ENGINEER).

NOTE:
THE STRIPING AND SIGNING SHOWN FOR
PARKING LOTS IS PER BROWARD COUNTY STANDARDS.
ANY VARIANCE TO THIS STANDARD, PARTICULARLY THE
EXTENT OF AISLE STRIPING AND SIGNING, WILL
REQUIRE THE CITY ENGINEER'S APPROVAL.

REVISIONS		
No.	Date	Remarks

Date: 4/20/09

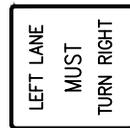
Seal:

MINIMUM PARKING LOT WIDTH
DIMENSIONS SPECIFICATIONS

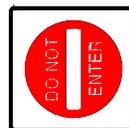


TYPICAL TRAFFIC SIGNS

(WITH MINIMUM RECOMMENDED SIZES)



R3-7L
(30" x 30")



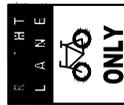
R5-1
(30" x 30")



R3-9B
(24" x 36")



R5-2
(24" x 24")



R3-17
(24" x 30")



R6-1
(36" x 12")



R4-2
(24" x 30")



R7-8
(12" x 18")



R4-7
(24" x 30")



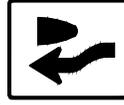
R7-107
(12" x 18")



R4-7B
(24" x 30")



R8-3A
(24" x 24")



R4-8
(24" x 30")



S1-1
(30" x 30")
W16-9P
(30" x 20")

PAVEMENT MARKING STANDARD SYMBOLS

- DENOTES PAVEMENT MESSAGE
- DENOTES TURN ARROW
- DENOTES SIGN POST
- DENOTES CENTERLINE OF ROAD
- DENOTES REFLECTIVE PAVEMENT MARKER (RPM)

NOTE: FOR ADDITIONAL SIGN DETAIL INFORMATION REFER TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD - LATEST EDITION).

IMPORTANT: PENDING FURTHER EVALUATION, OTHER SIGNS (NOT SHOWN ABOVE) MAY BE REQUIRED.

REVISIONS		
No.	Date	Remarks

Date: 4/20/09

TYPICAL TRAFFIC SIGNS
PAGE 2 OF 3

Seal:

STANDARD DETAILS

FIGURE PM-06

CITY OF TAMARAC, BROWARD COUNTY, FLORIDA

TYPICAL TRAFFIC SIGNS

(WITH MINIMUM RECOMMENDED SIZES)

S1-1 (30" x 30")	W4-2L (30" x 30")	W9-2 (30" x 30")	D9-2 (24" x 24")
W16-7 (30" x 18")	W4-2R (30" x 30")	CASE II REFLECTORS (18" x 18")	
W1-7 (48" x 24")	W2-2 (30" x 30")	CASE I REFLECTORS (18" x 18")	CASE II REFLECTORS (18" x 18")
W2-1 (30" x 30")	W2-1 (30" x 30")	CASE I REFLECTORS (18" x 18")	CASE I REFLECTORS (18" x 18")
W2-1 (30" x 30")	W2-1 (30" x 30")	CASE I REFLECTORS (18" x 18")	CASE I REFLECTORS (18" x 18")
W14-1 (30" x 30")	W14-1 (30" x 30")	CASE I REFLECTORS (18" x 18")	CASE I REFLECTORS (18" x 18")

PAVEMENT MARKING STANDARD SYMBOLS

	ONLY	◀	DENOTES PAVEMENT MESSAGE	↩	DENOTES TURN ARROW
	---	□	DENOTES SIGN POST		DENOTES REFLECTIVE PAVEMENT MARKER (RPM)
	⌒	⌒	DENOTES CENTERLINE OF ROAD		

NOTE: FOR ADDITIONAL SIGN DETAIL INFORMATION REFER TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD - LATEST EDITION).

IMPORTANT: PENDING FURTHER EVALUATION, OTHER SIGNS (NOT SHOWN ABOVE) MAY BE REQUIRED.

REVISIONS		
No.	Date	Remarks

Date: 4/20/09

TYPICAL TRAFFIC SIGNS
PAGE 3 OF 3

Seal:

STANDARD DETAILS

FIGURE PM-07

CITY OF TAMARAC, BROWARD COUNTY, FLORIDA

CITY OF TAMARAC

PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION



Job No.

Scale: N.T.S

SHEET PM-08

MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) NOTES:

SECTION 2A.16 STANDARDIZATION OF LOCATION (MUTCD)

1. STANDARDIZATION OF POSITION CANNOT ALWAYS BE ATTAINED IN PRACTICE. SUGGESTED LOCATIONS FOR A NUMBER OF TYPICAL SIGNS ARE ILLUSTRATED IN FIGURES 2A-1 TO 2A-7.

2. STANDARD:

SIGNS REQUIRING DIFFERENT DECISIONS BY THE ROAD USER SHALL BE SPACED SUFFICIENTLY FAR APART FOR THE REQUIRED DECISIONS TO BE MADE SAFELY. ONE OF THE FACTORS CONSIDERED WHEN DETERMINING THE APPROPRIATE SPACING SHALL BE THE POSTED OR 85TH-PERCENTILE SPEED.

3. GUIDANCE:

SIGNS SHOULD BE LOCATED ON THE RIGHT SIDE OF THE ROADWAY WHERE THEY ARE EASILY RECOGNIZED AND UNDERSTOOD BY ROAD USERS. SIGNS IN OTHER LOCATIONS SHOULD BE CONSIDERED ONLY AS SUPPLEMENTARY TO SIGNS IN THE NORMAL LOCATIONS, EXCEPT AS OTHERWISE INDICATED. SIGNS SHOULD BE INDIVIDUALLY INSTALLED ON SEPARATE POSTS OR MOUNTINGS EXCEPT WHERE ONE SIGN SUPPLEMENTS ANOTHER OR WHERE ROUTE OR DIRECTIONAL SIGNS MUST BE GROUPED. SIGNS SHOULD BE LOCATED SO THAT THEY:

- A. ARE OUTSIDE THE CLEAR ZONE UNLESS PLACED ON A BREAKAWAY OR YIELDING SUPPORT (SEE SECTION 2A.19);
- B. OPTIMIZE NIGHTTIME VISIBILITY;
- C. MINIMIZE THE EFFECTS OF MUD SPLATTER AND DEBRIS;
- D. DO NOT OBSCURE EACH OTHER; AND
- E. ARE NOT HIDDEN FROM VIEW.

OPTION:

UNDER SOME CIRCUMSTANCES, SUCH AS ON CURBS TO THE RIGHT, SIGNS MAY BE PLACED ON MEDIAN ISLANDS OR ON THE LEFT SIDE OF THE ROAD. A SUPPLEMENTARY SIGN LOCATED ON THE LEFT OF THE ROADWAY MAY BE USED ON A MULTI-LANE ROAD WHERE TRAFFIC IN THE RIGHT LANE MIGHT OBSTRUCT THE VIEW TO THE RIGHT.

SECTION 2A.21 ORIENTATION

1. GUIDANCE:

SIGNS SHOULD BE VERTICALLY-MOUNTED AT RIGHT ANGLES TO THE DIRECTION OF, AND FACING, THE TRAFFIC THAT THEY ARE INTENDED TO SERVE.

SECTION 2B.15 LOCATION OF SPEED LIMIT SIGNS

1. STANDARD:

SPEED LIMIT (R2-1) SIGNS, INDICATING SPEED LIMITS FOR WHICH POSTING IS REQUIRED BY LAW, SHALL BE LOCATED AT THE POINTS OF CHANGE FROM ONE SPEED LIMIT TO ANOTHER. AT THE END OF THE SECTION TO WHICH A SPEED LIMIT APPLIES, A SPEED LIMIT SIGN SHOWING THE NEXT SPEED LIMIT SHALL BE INSTALLED. ADDITIONAL SPEED LIMIT SIGNS SHALL BE INSTALLED BEYOND MAJOR INTERSECTIONS AND AT OTHER LOCATIONS WHERE IT IS NECESSARY TO REMIND ROAD USERS OF THE SPEED LIMIT THAT IS APPLICABLE.

GENERAL NOTES:

1. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.
2. MINIMUM PARKING SPACE WIDTH SHALL BE:
RESIDENTIAL: 9' NON-RESIDENTIAL: 10'
3. FOR SCHOOL PAVEMENT MARKINGS AND SIGNAGE SEE FDOT INDEX NO. 17344.
(STATE OF FLORIDA DOT 2002 DESIGN STANDARDS)
4. RIGHT TURN LANE TAPERS AND DISTANCES SHALL BE IDENTICAL TO LEFT TURN LANES UNDER STOP CONDITIONS. RIGHT TURN LANE TAPERS AND/OR DISTANCES ARE SITE SPECIFIC UNDER FREE FLOW OR YIELD CONDITIONS (PER FDOT INDEX NO. 301).
(STATE OF FLORIDA DOT 2002 DESIGN STANDARDS)
5. FOR ADDITIONAL STANDARDS AND GUIDELINES REFER TO FDOT INDEX NO. 600, 9535, AND 17345 THRU 17352; MUTCD; AND/OR BROWARD COUNTY TRAFFIC ENGINEERING STANDARDS.
(STATE OF FLORIDA DOT 2002 DESIGN STANDARDS)

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION GENERAL NOTES:

1. WHITE LINES SEPARATE TRAFFIC IN THE SAME DIRECTION.
2. YELLOW LINES SEPARATE TRAFFIC IN OPPOSITE DIRECTION.
3. TURN ARROWS SHOULD BE SPACED EVENLY BETWEEN FIRST AND LAST ARROW. TURN LANES LONGER THAN 200' ADD ONE ARROW FOR EACH 100' ADDITIONAL LENGTH.
(STATE OF FLORIDA DOT 2002 DESIGN STANDARDS)

CLEAR ZONE: "THE TOTAL ROADSIDE BORDER AREA, STARTING AT THE EDGE OF THE TRAVELED WAY, THAT IS WIDE ENOUGH TO ALLOW AN ERRANT DRIVER TO STOP OR REGAIN CONTROL OF A VEHICLE. THIS AREA MIGHT CONSIST OF A SHOULDER, A RECOVERABLE SLOPE, AND/OR A NON-RECOVERABLE, TRAVERSABLE SLOPE WITH A CLEAR RUN-OUT AREA AT ITS TOE." (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) PP. 1A-15., DECEMBER 2000)

REVISIONS		
No.	Date	Remarks

Date: 4/20/09

Seal:

PAVEMENT MARKINGS
GENERAL NOTES (1 OF 2)

Seal:

STANDARD DETAILS

FIGURE PM-08

CITY OF TAMARAC, BROWARD COUNTY, FLORIDA



NOTES:

CENTERLINE STRIPING (TYPICALLY) SHALL BE PROVIDED ON— DESIGNATED CITY ARTERIAL AND COLLECTOR ROADWAYS, WITH SKIP YELLOW CENTERLINE STRIPING ONLY PROVIDED WHERE PASSING IS INTENDED TO BE ALLOWED (UPON APPROVAL OF THE CITY ENGINEER). DOUBLE YELLOW STRIPING IS ALLOWABLE ON LOCAL STREETS ONLY IF THERE ARE SIGHT DISTANCE RESTRICTIONS.

PERMANENT AND/OR TEMPORARY STRIPING AND/OR SIGNAGE IN A CUL-DE-SAC, NON-COLLECTOR ROAD, PRIVATE ROAD, PRIVATE DRIVE, AND/OR SECONDARY ROAD WITHIN RESIDENTIAL SUBDIVISIONS MAY BE SUBJECT TO THE CITY ENGINEER'S AND/OR BROWARD COUNTY TRAFFIC ENGINEERING RECOMMENDATION DUE TO SAFETY AND/OR ANY OTHER TRAFFIC ISSUES.

FOR SPECIFIC SCENARIOS INVOLVING BICYCLE LANES STRIPING, PLEASE CONSULT THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD – LATEST EDITION), AND/OR FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) ROADWAY AND TRAFFIC DESIGN STANDARDS (LATEST EDITION), AND/OR BROWARD COUNTY TRAFFIC ENGINEERING STANDARDS.

THE BUS BAY DESIGN SHOWN IS PER BROWARD COUNTY STANDARDS. LONGER EXIT AND DEPARTURE TAPERS AND STOPPING ARE LENGTH FOR BUS BAYS CAN BE PROVIDED WHERE NECESSARY (UPON APPROVAL OF THE CITY ENGINEER).

REVISIONS		
No.	Date	Remarks

Date: 4/20/09
PAVEMENT MARKINGS GENERAL NOTES (2 OF 2)

Seal:

STANDARD DETAILS
FIGURE PM-09
CITY OF TAMARAC, BROWARD COUNTY, FLORIDA



MINIMUM RECOMMENDED
TURN LANE DIMENSIONS

DESIGN SPEED (MPH)	CLEARANCE DISTANCE L1	BRAKE TO STOP DISTANCE L2	TOTAL DECEL DISTANCE
35	70'	75'	145'
40	80'	75'	155'
45	85'	100'	185'

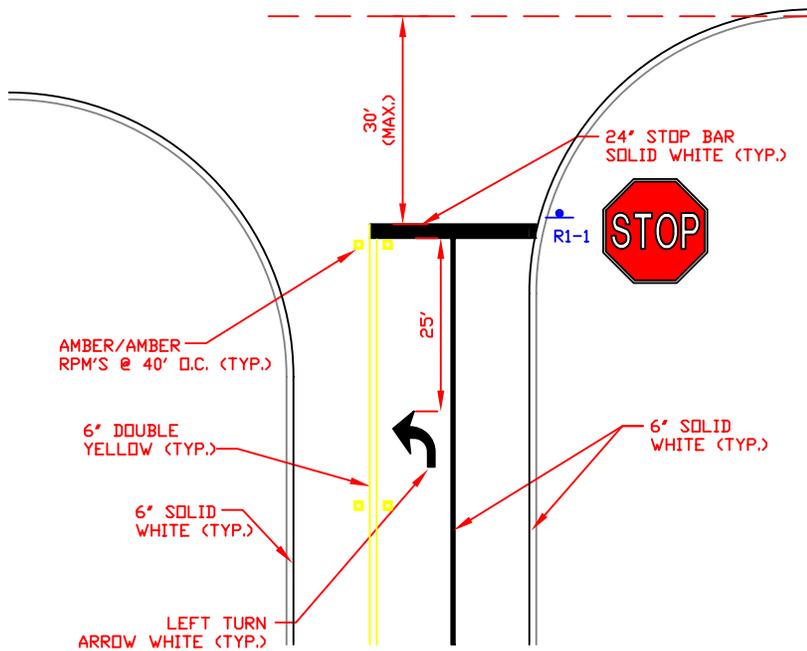
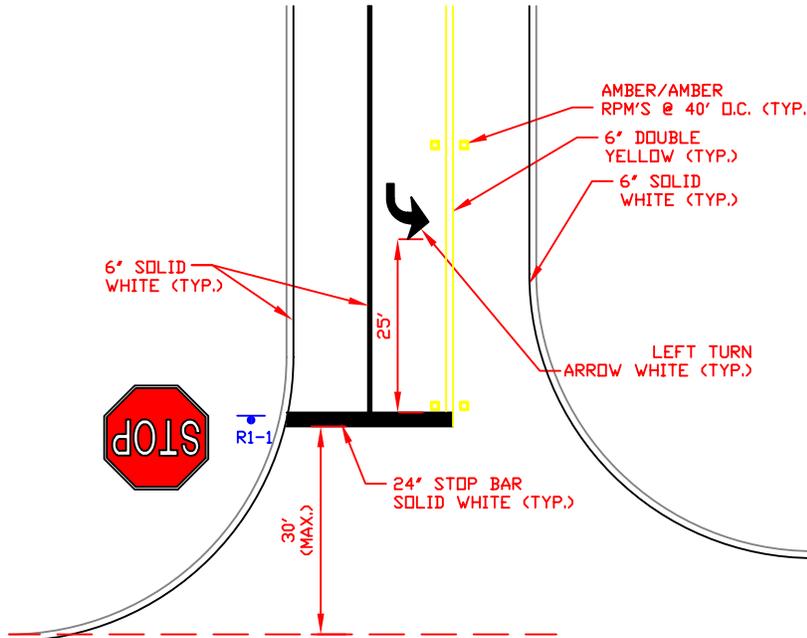
IN CASE OF DISCREPANCY, CONSULT FDOT INDEX NO. 301.

- * L2 IS MEASURED FROM THE END OF TAPER TO END OF QUEUE.
- ** QUEUE LENGTH IS MEASURED FROM STOP BAR OR FROM THE MEDIAN NOSE RADIAL POINT. QUEUE LENGTH SHALL BE DETERMINED BY A PROFESSIONAL TRAFFIC ENGINEER ON A CASE BY CASE BASIS, AND IS SITE SPECIFIC.

REVISIONS		
No.	Date	Remarks

Date: 4/20/09	Seal:
MINIMUM RECOMMENDED TURNING LANE DIMENSIONS	

STANDARD DETAILS
<i>FIGURE PM-10</i>
CITY OF TAMARAC, BROWARD COUNTY, FLORIDA



REVISIONS		
No.	Date	Remarks

Date: 4/20/09

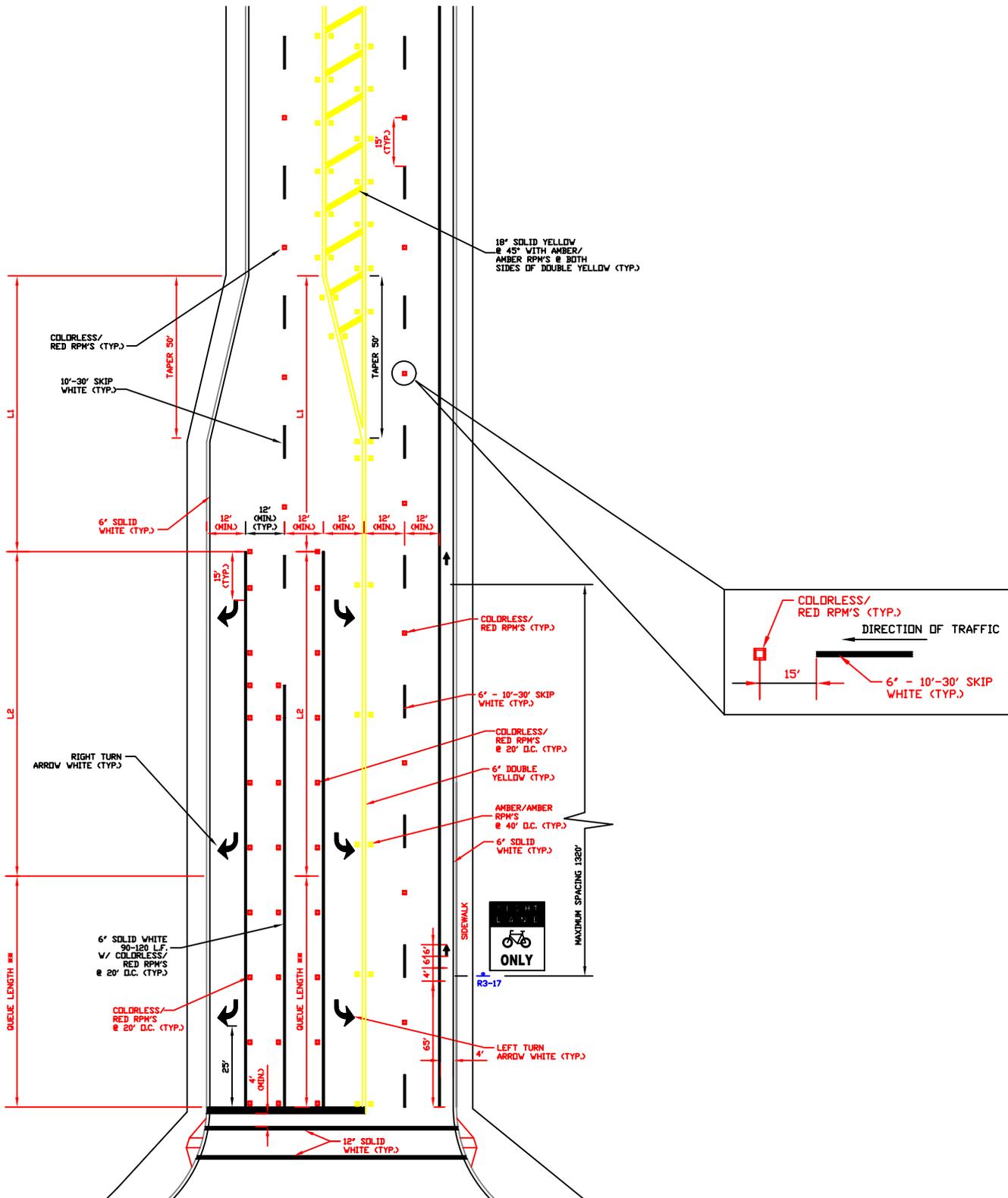
TYPICAL LAYOUT AND PAVEMENT MARKINGS WITHIN THE PUBLIC RIGHT-OF-WAY (PAGE 1 OF 4)

Seal:

STANDARD DETAILS

FIGURE PM-12

CITY OF TAMARAC, BROWARD COUNTY, FLORIDA



REVISIONS		
No.	Date	Remarks

Date: 4/20/09

By: _____

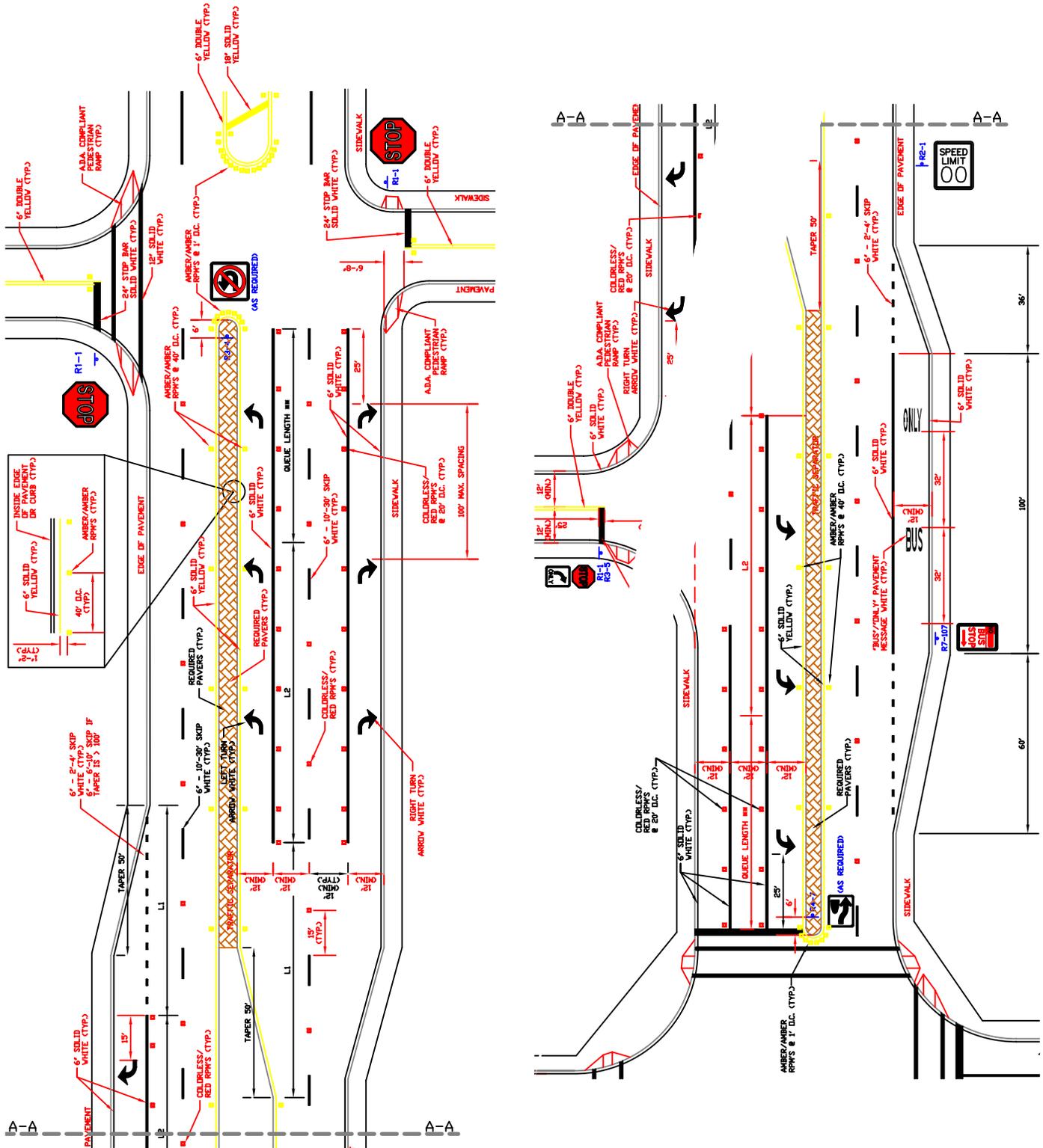
TYPICAL LAYOUT AND PAVEMENT MARKINGS WITHIN THE PUBLIC RIGHT-OF-WAY (PAGE 3 OF 4)

Seal: _____

STANDARD DETAILS

FIGURE PM-14

CITY OF TAMARAC, BROWARD COUNTY, FLORIDA



REVISIONS		
No.	Date	Remarks

Date: 4/20/09

By: _____

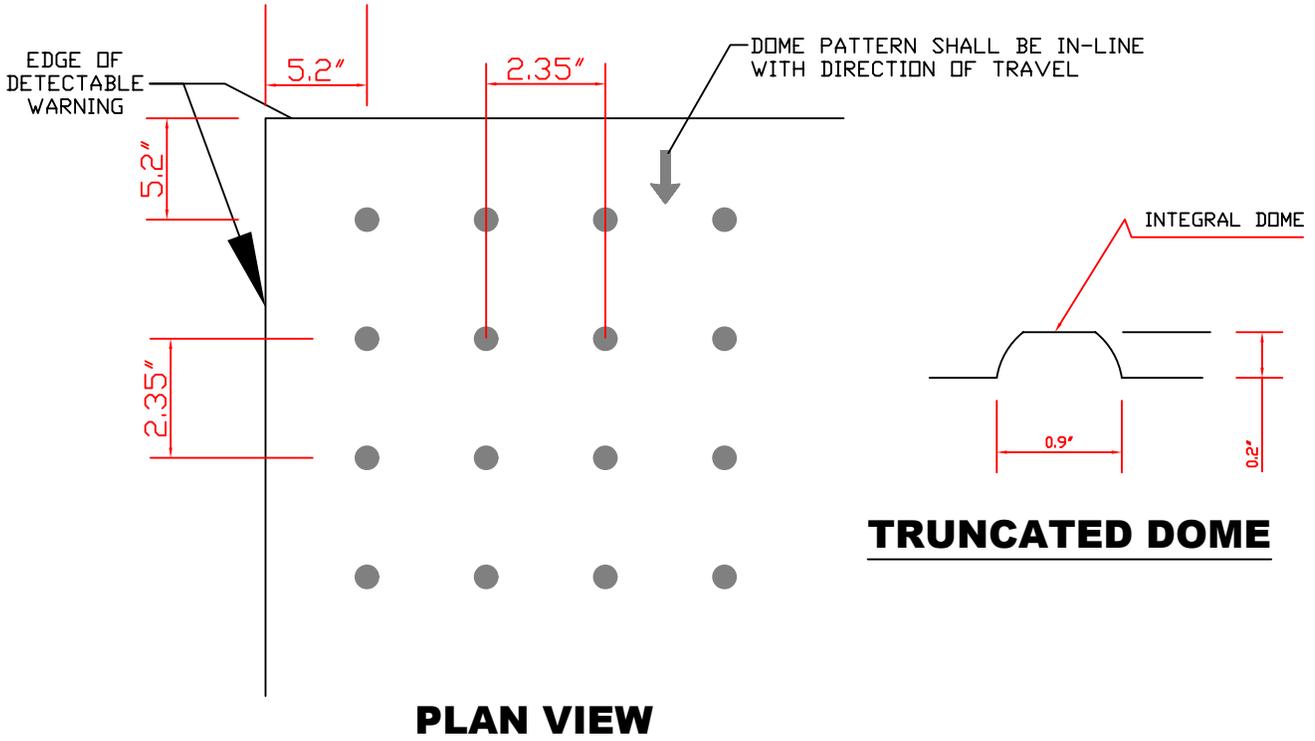
TYPICAL LAYOUT AND PAVEMENT MARKINGS WITHIN THE PUBLIC RIGHT-OF-WAY (PAGE 4 OF 4)

Seal: _____

STANDARD DETAILS

FIGURE PM-15

CITY OF TAMARAC, BROWARD COUNTY, FLORIDA



NOTES:

1. DETECTABLE WARNING PER FDOT INDEX # 304
2. ALL SIDEWALK CURB RAMPS SHALL HAVE DETECTABLE WARNING SURFACES THAT EXTEND THE FULL WIDTH OF THE RAMP AND IN THE DIRECTION OF TRAVEL 24' INCHES FROM THE BACK OF CURB.

REVISIONS		
No.	Date	Remarks

Date: 4/20/09
DETECTABLE WARNING DETAIL

Seal:

STANDARD DETAILS

FIGURE PM-17

CITY OF TAMARAC, BROWARD COUNTY, FLORIDA