

GENERAL CONSTRUCTION NOTES

A. THE CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR DAMAGES OCCURRING TO ANY PROPERTY DURING THE CONSTRUCTION OF THIS PROJECT. SAID CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT PROPERTY DAMAGE.

B. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL SOLELY AND COMPLETELY BE RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND WILL NOT BE LIMITED TO NORMAL WORKING HOURS.

C. ALL SITE AND UTILITY IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST REVISION TO THE CITY OF BRYANT STANDARD SPECIFICATIONS.

D. ALL PROPOSED LOCATIONS OF TRAFFIC CONTROL MARKERS ARE APPROXIMATE. ACTUAL LOCATION AND INSTALLATION SHALL MEET MUTCD AND BRYANT STREET DEPARTMENT SPECIFICATIONS. ALL PROPOSED TRAFFIC CONTROL SIGNAGE AND MARKERS SHALL MEET MUTCD AND CITY OF BRYANT SPECIFICATIONS.

E. CONTRACTOR IS TO REMOVE AND DISPOSE OF ALL DEBRIS, RUBBISH, AND OTHER MATERIALS RESULTING FROM PREVIOUS AND CURRENT DEMOLITION OPERATIONS. DISPOSAL SHALL BE IN ACCORDANCE WITH ALL LOCAL, STATE, AND/OR FEDERAL REGULATIONS GOVERNING SUCH OPERATIONS.

F.. FIBER OPTIC CABLE ON AND/OR ADJACENT TO THIS SITE WERE NOT LOCATED BY THE SURVEY AND ARE NOT SHOWN. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ANY FIBER OPTIC CABLES AT TO NEAR THIS SITE AND TAKE ALL NECESSARY AND REQUIRED PRECAUTIONS TO PROTECT ANY EXISTING FIBER OPTIC CABLES. CONTRACTORS SHALL COORDINATE ALL EFFORTS WITH OWNER OF FIBER OPTIC CABLES OR THEIR DESIGNATED REPRESENTATIVE.

G. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING "ONECALL" SERVICE TO MARK ALL UTILITIES PRIOR TO ANY DEMOLITION, EARTHWORK, UTILITY WORK, OR ANY OTHER PORPOSED IMPROVMENTS (WORK) ON THIS SITE.

H. ANY LAND CLEARING, CONSTRUCTION, OR DEVELOPMENT INVOLVING THE MOVEMENT OF MATERIALS, UTILITIES OR GROUND EXCAVATION SHALL BE IN ACCORDANCE WITH THE CITY OF BRYANT STORMWATER REGULATIONS.

I. THE APPROXIMATE LOCATION OF KNOWN SURFACE AND SUBSURFACE STRUCTURES, PIPES, POWER, GAS, PHONE, ETC. ARE SHOWN ON THE DESIGN DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF THE AFOREMENTIONED ITEMS, SHOWN AND NOT SHOWN.

J. CONTRACTOR TO ADHERE TO CURRENT OSHA REGULATIONS, INCLUDING EXCAVATION & TRENCH SAFETY.

K. CONTRACTOR SHALL CONTACT THE CITY OF BRYANT STREET DEPARTMENT IN REGARD TO MAINTENANCE OF TRAFFIC PRIOR TO COMMENCEMENT OF WORK WITHIN STREET RIGHT OF WAY. THE CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF TRAFFIC.

LEGEND

- STOP SIGN
- CROSSWALK SIGN
- ADA APPROVED HANDICAP RAMP
- STREET LIGHT

GRAPHIC SCALE

40 0 40 80 120

(IN FEET)
1 inch = 40 ft.

RICHARDSON ENGINEERING
Planning • Engineering • Development Consulting
325 W. SOUTH STREET, BENTON, AR 72015 (501)315-7225

CERTIFICATE OF AUTHORIZATION
Richardson Engineering, PLLC
No. 2519
ARKANSAS

PROPOSED SHARED USE TRAIL & SIDEWALK CONNECTIVITY
AUTUMN HILLS ESTATES
BRYANT, ARKANSAS

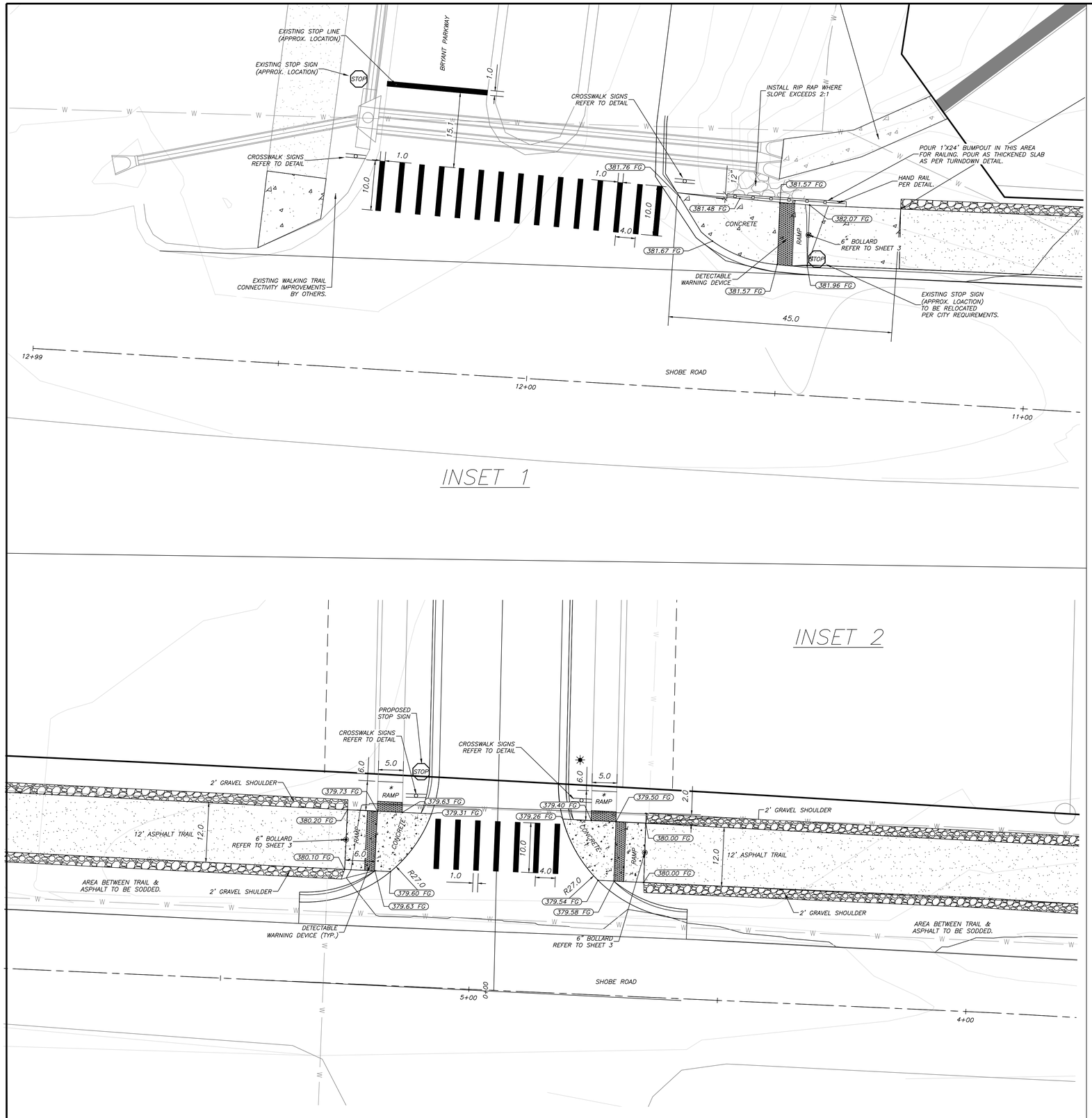
Prepared For:
TNL DREAMHOME, LLC
7902 WORTH AVE.
BENTON, AR 72019

No.	Revisions	Date

Date: 11/05/2019
REV: 6/1/2020

Scale: 1" = 40'

Sheet: 1 of 3



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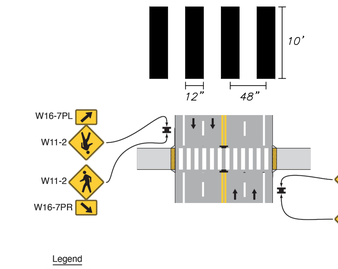
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Crosswalk Markings





W11-2
PEDESTRIAN TRAFFIC

	A	B	C	D	E
	18	.375	.825	9	1.5
	24	.375	.825	11	1.5
K	30	.5	.75	13.5	1.875
	36	.625	.875	16	2.25
	48	.75	1.25	22	3

*See page 6-10 for symbol design.



W16-7pL
LEFT DIAGONAL ARROW PLAQUE

	A	B	C	D	E	F	G	H	J	K	L	M	N
K	24	12	.375	.825	4.323	3	30°	5.844	3.282	5.884	6.825	.600	1.5
	30	18	.5	.75	6.624	4.5	30°	8.798	4.923	8.846	10.407	.920	1.875



W16-7pR
RIGHT DIAGONAL ARROW PLAQUE

LEGEND

- STOP SIGN
- CROSSWALK SIGN
- ADA APPROVED HANDICAP RAMP
- STREET LIGHT

GRAPHIC SCALE

10 0 10 20 30

(IN FEET)
1 inch = 10 ft.

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PROPOSED SHARED USE TRAIL & SIDEWALK CONNECTIVITY CROSS WALKS & RAMPS
AUTUMN HILLS ESTATES
BRYANT, ARKANSAS

Prepared For:
TNL DREAMHOME, LLC
7902 WORTH AVE.
BENTON, AR 72019

Date	Revisions	No.

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REV: 6/1/2026

Scale: 1" = 10'

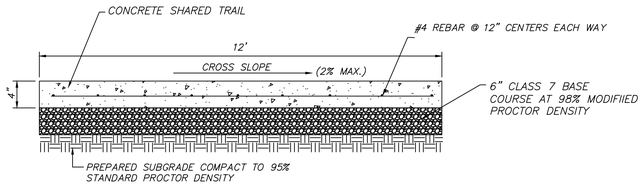
Sheet: 2 of 3

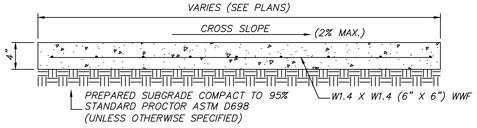
CONCRETE SHARED TRAIL SPECIFICATIONS

NTS

* NOTES:

1. PORTLAND CEMENT CONCRETE 4000 PSI. MIN.
2. USE #4 REBAR @ 12" CENTERS EACH WAY. CUT ½ THE BARS AT CONTROL JOINTS.
3. CONCRETE TO CONTAIN 3–5% AIR ENTRAINMENT.
4. FINISH TO BE MEDIUM BROOM FINISH.
5. DETECTABLE WARNING DEVICES (PROVIDED BY CITY) TO BE INSTALLED AT RAMPS. DETECTABLE WARNING DEVICES AND INSTALLATION SHALL MEET ADA REQUIREMENTS
6. MAX CROSS SLOPE 2%. MAX LONGITUDINAL SLOPE 1:12 FOR ADA ACCESSIBLITY RAMPS.
7. TRAIL CROSS SLOPE NOT TO EXCEED 2%. LONGITUAL GRADE NOT TO EXCEED GRADE OF THE ADJACENT ROADWAY.
8. CONTROL JOINTS PER CONC. WALK CONTROL JOINT DETAIL.
9. INSTALL EXPANSION JOINTS WHERE ABUTTING STRUCTURES. USE ½" EXPANSION JOINT MATERIAL WHERE EXPANSION JOINT ARE SPECIFIED. USE 1" DIA. X 18" SMOOTH DOWELS SPACED EVERY 2'–0" ALONG EXPANSION JOINT BETWEEN PAVEMENT SECTIONS. USE DOWEL CRADLE FOR DOWELS.
10. TRAIL SHALL MAINTAIN PROPER DRAINAGE AND SHALL UNDER NO CIRCUMSTANCES POND WATER.



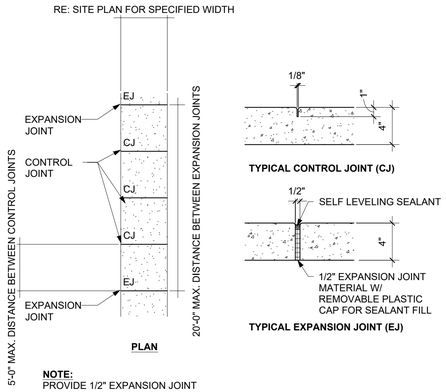


CONCRETE SIDEWALK SPECIFICATIONS

NTS

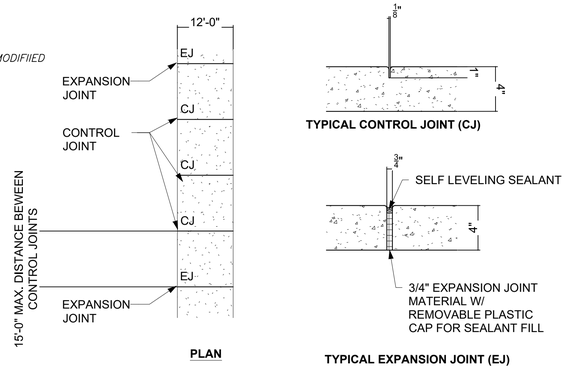
* NOTES:

1. PORTLAND CEMENT CONCRETE 3000 PSI. MIN.
2. USE W1.4 X W1.4 (6" X 6") WWF SHEET REINFORCEMENT. CUT ½ THE WIRES AT CONTROL JOINTS.
3. CONCRETE TO CONTAIN 3–5% AIR ENTRAINMENT.
4. FINISH TO BE MEDIUM BROOM FINISH.
5. DETECTABLE WARNING DEVICES (PROVIDED BY CITY) TO BE INSTALLED AT RAMPS. DETECTABLE WARNING DEVICES AND INSTALLATION SHALL MEET ADA REQUIREMENTS
6. MAX CROSS SLOPE 2%. MAX LONGITUDINAL SLOPE 1:12.
7. CONTROL JOINTS PER CONC. WALK CONTROL JOINT DETAIL.

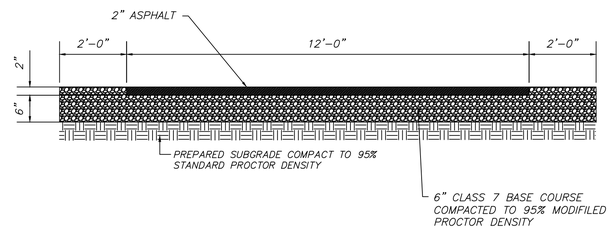


NOTE:
PROVIDE 1/2" EXPANSION JOINT AND SEALANT AS NOTED AND WHERE SIDEWALK ABUTS STRUCTURES OR OTHER SIDEWALKS.

CONCRETE SHARED TRAIL EXPANSION & CONTROL JOINTS



NOTE:
PROVIDE 3/4" EXPANSION JOINT AND SEALANT AS NOTED AND WHERE SIDEWALK ABUTS STRUCTURES OR OTHER SIDEWALKS.

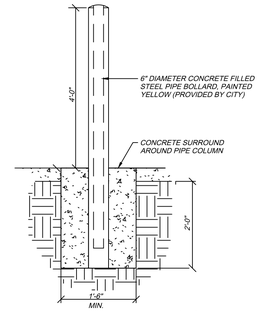


NOTES:

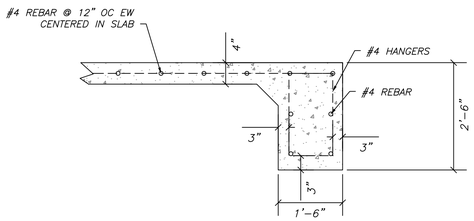
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2. ADA RAMPS MAX CROSS SLOPE 2% MAX. LONGITUDIAL SLOPE 1:12 MAX. FOR ADA RAMPS.
3. TRAIL CROSS SLOPE NOT TO EXCEED 2%. MAX. LONGUTUDIAL GRADE NOT TO EXCEED GRADE OF ADJACENT ROADWAY.
4. TRAIL SHALL MAINTAIN PROPER DRAINAGE AND SHALL UNDER NO CIRCUMSTANCES POND WATER.

ASPHALT SHARED TRAIL SPECIFICATIONS

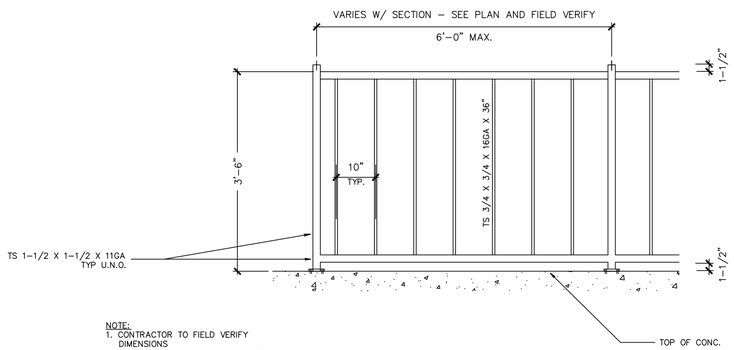
BOLLARD DETAIL



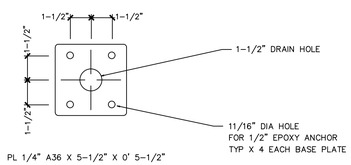
CONCRETE SIDEWALK EXPANSION & CONTROL JOINTS

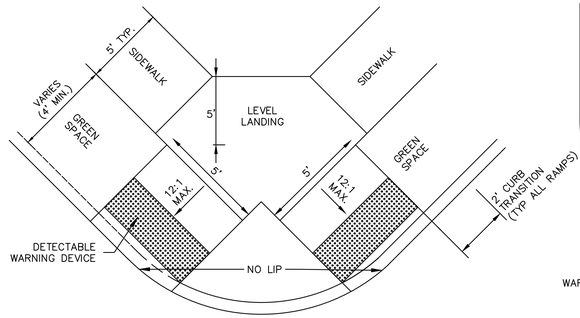


CONCRETE & TURNDOWN TYPICAL DETAIL

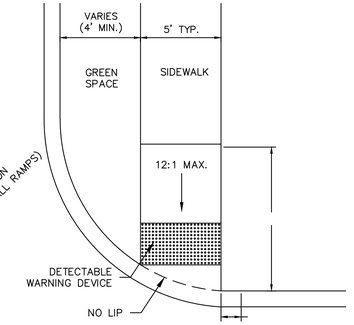


NOTE:
1. CONTRACTOR TO FIELD VERIFY DIMENSIONS
2. ALL STEEL RAILING TO BE POWDER COATED BLACK
3. INSTALLATION PER MANUFACTURER'S RECOMMENDATIONS





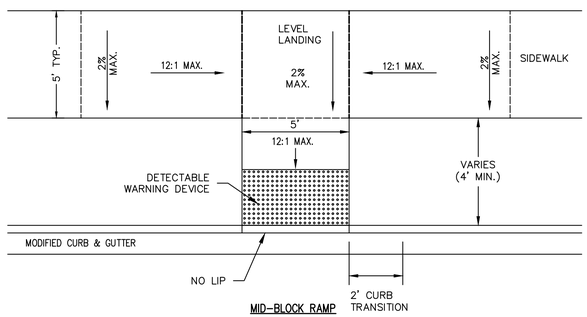
TYPE 1 RAMP



TYPE 2 RAMP

NOTES:

1) THE LENGTH OF THE RAMP SHALL BE SUCH THAT THE SLOPE DOES NOT EXCEED 12:1.
2) THE NORMAL GUTTER SHALL BE MAINTAINED THROUGH THE AREA OF THE RAMP.
3) THE MINIMUM THICKNESS FOR THE RAMP, WALK, & LANDING SHALL BE 4".
4) DETECTABLE WARNING DEVICES SHALL BE PLACED AT THE LOCATIONS WHERE RAMPS CROSS A CURB.



MID-BLOCK RAMP

HANDICAP RAMP DETAILS

NOT TO SCALE

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