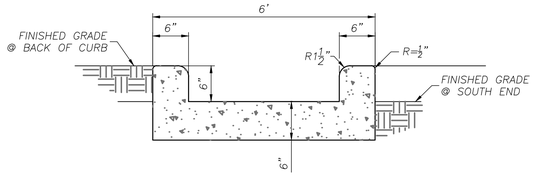
NOTES:

1. CONCRETE MIX SHALL BE SAME AS CURB AND GUTTER MIX.
2. CONCRETE FLUME SHALL BE POURED INTEGRAL WITH CURB AND GUTTER. NOTIFY ENGINEER IF CONTRACTOR WISHES TO POUR SEPARATELY.

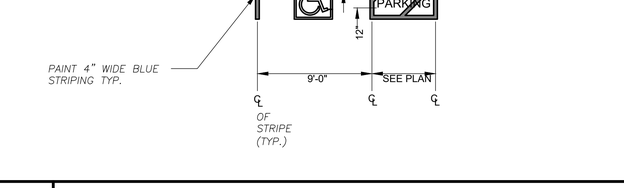



014 Not to Scale

## Concrete Flume

NOTE:
1. SUBMIT ALTERNATIVE WHEELSTOP DESIGNS FOR APPROVAL BY ENGINEER

3/4" ø X 30" SMOOTH STEEL BAR DRIVEN INTO 1" ø HOLE DRILLED THRU PAVEMENT (TYPICAL OF 3 AT EACH WHEELSTOP)




FRONT ELEVATION



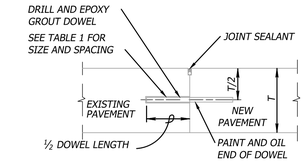

END SECTION

015 Not to Scale

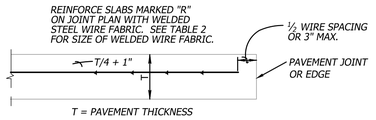
## Wheel Stop

## JOINTING AND DOWEL NOTES

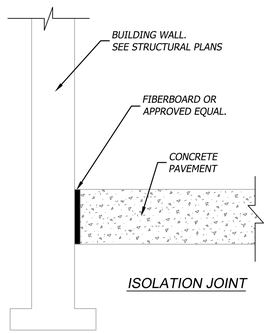
1. WIDTH TO LENGTH RATIO OF SLABS NOT TO EXCEED 1.25 TIMES.
2. LENGTH OF ANY PANEL TO NOT EXCEED 12.5 FEET IN PAVEMENT AREAS AND 10 FEET IN SIDEWALK AREAS.
3. SLABS WHICH DO NOT FOLLOW THE WIDTH TO LENGTH RATIO ABOVE OR ARE NOT RECTANGULAR SHALL BE REINFORCED WITH STEEL WELDED WIRE FABRIC OF THE SIZES SHOWN IN TABLE 2. OTHER WWF SIZES MAY BE USED PROVIDED THE STEEL AREA (SQ INCHES/FOOT) IN THE LONGITUDINAL AND TRANSVERSE DIRECTIONS IS EQUAL TO OR EXCEEDS THAT SHOWN IN TABLE 2.
4. PLAN SHOWN WITH CURB & GUTTER SECTION AS SEPARATE POUR. CONTRACTOR TO SUBMIT ALTERNATIVE JOINTING PLAN IF DRIVE & GUTTER SECTION TO BE POURED INTEGRAL. AN ISOLATION JOINT SHALL BE PLACED BETWEEN THE GUTTER AND PAVEMENT AS SHOWN ON CURB DETAILS ON SHEET C8.1.
5. EPOXY COATED DOWEL BARS SHALL BE DRILLED BY USE OF A MECHANICAL RIG. DRILLING BY HAND OR PUSHING DOWEL BARS INTO GREEN CONCRETE IS NOT ACCEPTABLE.
6. DRILLING, CLEANING, AND GROUTING SHALL BE PERFORMED PER THE EPOXY MANUFACTURER'S REQUIREMENTS FOR THIS SPECIFIC APPLICATION.
7. ASSURE SAW JOINTS ARE CLEAN AND DRY PRIOR TO THE APPLICATION OF THE JOINT SEALANT.
8. FOR EPOXY GROUT, THE HOLE DIAMETER SHALL BE NOT MORE THAN ⅛" LARGER THAN DOWEL DIAMETER OR AS DIRECTED BY THE EPOXY MANUFACTURER.
9. INSTALL CLOSED CELL BACKER RODS AFTER JOINTS HAVE BEEN CLEANED AND DRIED IN ACCORDANCE WITH SEALANT MANUFACTURER'S REQUIREMENTS.
10. INSTALL BACKER ROD AT CONSISTENT AND UNIFORM DEPTH.
11. JOINT SEALANT APPLICATION SHALL BE IN STRICT COMPLIANCE WITH SEALANT MANUFACTURER'S REQUIREMENTS.
12. ALL JOINTS ALONG THE ACCESSIBLE ROUTE SHALL NOT EXCEED ½" IN WIDTH.
13. CONTRACTOR TO INSTALL BULKHEAD AND DOWEL EXPANSION JOINTS AT DAY'S END POUR.




DOWELED JOINT BETWEEN NEW & EXISTING PAVEMENT (CONSTRUCTION JOINT)



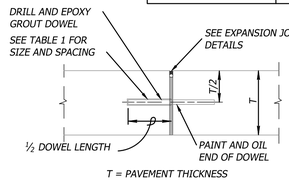

SLAB REINFORCING DETAIL



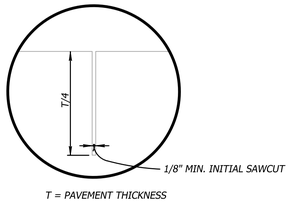

ISOLATION JOINT

| TABLE 1 | | | |
|---|---|---|---|
| PAVEMENT THICKNESS | MAXIMUM DOWEL SPACING | MINIMUM DOWEL LENGTH | MINIMUM DOWEL DIAMETER |
| LESS THAN 8" | 12" | 16" | 3/4" |
| 8" TO 11" | 12" | 16" | 1" |
| 12" TO 15" | 15" | 20" | 1-1/4" |

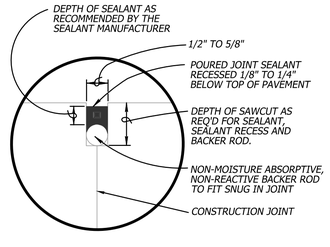
| TABLE 2 | | |
|---|---|---|
| PAVEMENT THICKNESS | MINIMUM REQUIRED AREA OF STEEL (SQ. IN. / FT) | WELDED WIRE FABRIC |
| 6" | 0.036 | 6 x 6 - W2.0 x W2.0 |
| 7" | 0.042 | 6 x 6 - W2.9 x W2.9 |



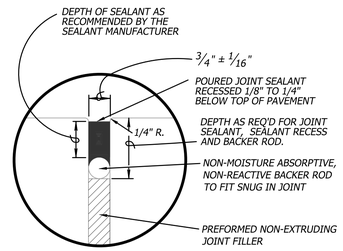

DOWELED EXPANSION JOINT




CONTRACTION JOINT



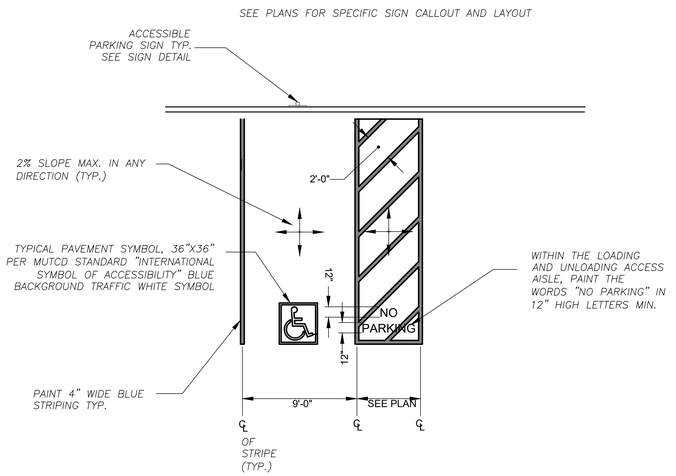

COMPLETED CONSTRUCTION JOINT SEALANT DETAIL




COMPLETED EXPANSION JOINT SEALANT DETAIL

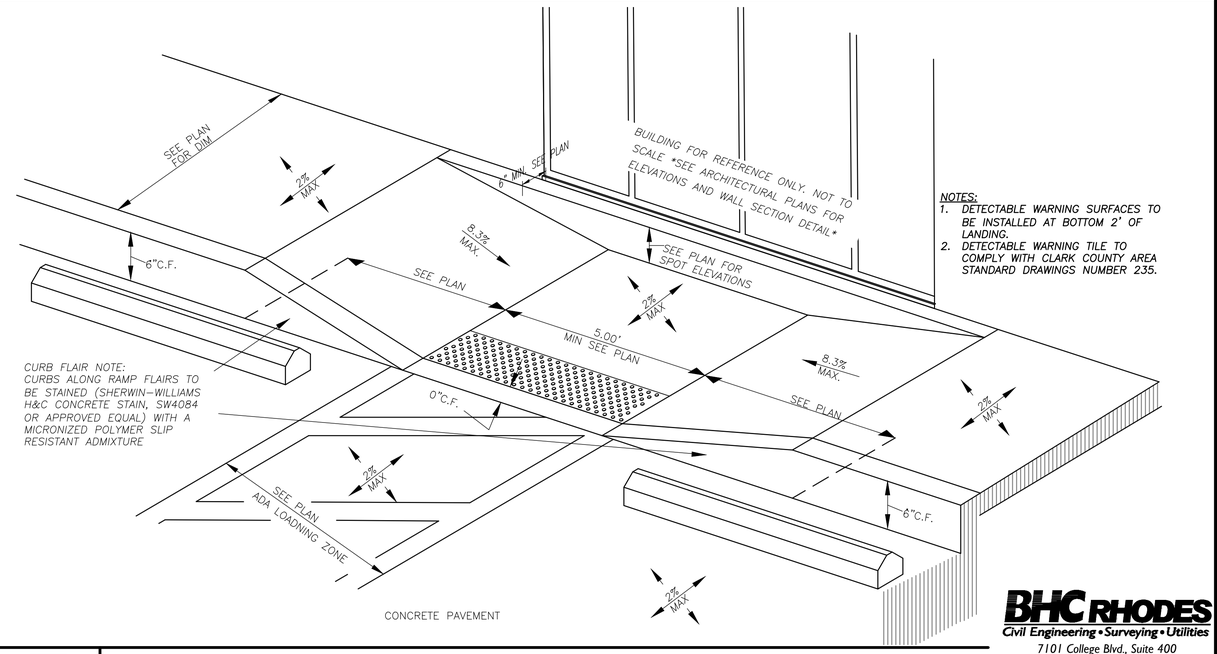
012 Not to Scale

## ADA Parking Striping




013 Not to Scale

## "Type C" Private Sidewalk Ramp (ADA Compliant)




NOTES:
1. DETECTABLE WARNING SURFACES TO BE INSTALLED AT BOTTOM 2' OF LANDING.
2. DETECTABLE WARNING TILE TO COMPLY WITH CLARK COUNTY AREA STANDARD DRAWINGS NUMBER 235.

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REVISIONS:

ISSUE DATE:

| | | |
|---|---|---|
| 1ST | SITE PLAN REVIEW | 02-16-21 |
| 2ND | PERMIT/BID SET | 04-09-21 |

DRAWN BY:

PANDA PROJECT #: S8-22-D8193
PANDA STORE #: -
ARCH PROJECT #: 20044.021

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04/14/2021
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CIVIL DETAILS 2

C6.1

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