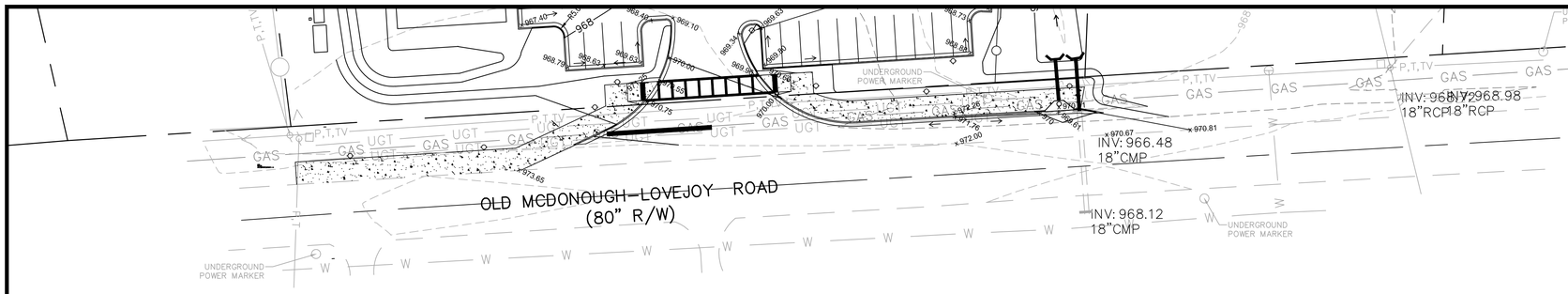


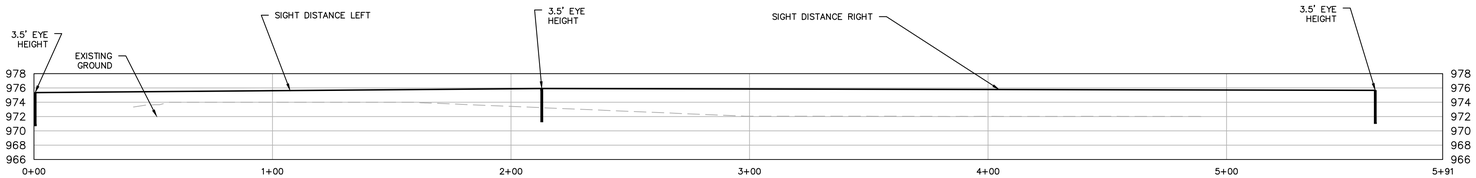
CAUTION

CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING THE SERVICES OF A PRIVATE UTILITY LOCATOR FIRM DURING THE ENTIRE COURSE OF CONSTRUCTION. CONTRACTOR SHALL PAY FOR SAID SERVICES. CONTRACTOR SHALL REPAIR ALL UTILITIES DAMAGED BY CONSTRUCTION ACTIVITIES, AT NO ADDITIONAL COST TO THE OWNER/DEVELOPER.

THE UTILITIES SHOWN ARE SHOWN FOR THE CONTRACTOR'S CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES NOT SHOWN ON THESE PLANS. THE SITE DESIGN PROFESSIONAL ASSUMES NO RESPONSIBILITY FOR THE LOCATIONS SHOWN AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATIONS OF UTILITIES WITHIN THE LIMITS OF THE WORK. DAMAGE TO EXISTING UTILITIES BY THE CONTRACTOR, FROM HIS/ HER OPERATIONS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

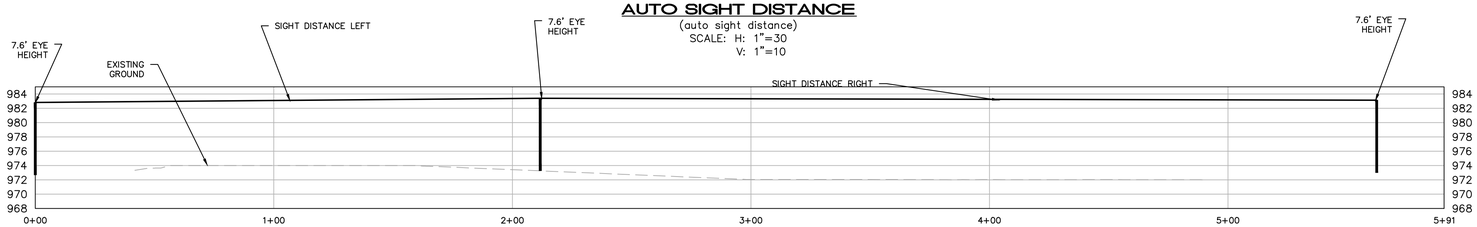
CONTRACTOR SHALL BE RESPONSIBLE FOR COMPACTION OF BACKFILL OF ALL UTILITY TRENCHES WITHIN SITE WORK LIMITS. THIS INCLUDES TRENCHES DUG AND BACKFILLED BY LOCAL UTILITIES, SUCH AS POWER, GAS, TELEPHONE, ETC. CONTRACTOR SHALL PROVIDE ADDITIONAL BACKFILL AND COMPACTION AS NECESSARY, IF SETTLEMENT OCCURS.

DO NOT DUPLICATE DRAWINGS WITHOUT PERMISSION



AUTO SIGHT DISTANCE

(auto sight distance)
SCALE: H: 1"=30
V: 1"=10

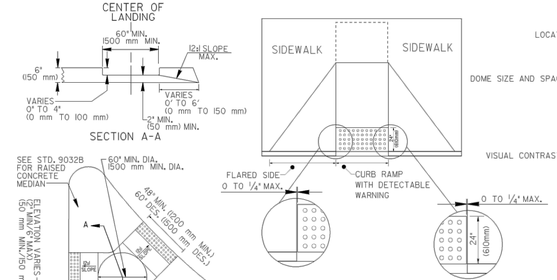


TRUCK SIGHT DISTANCE

(TRUCK SD)
SCALE: H: 1"=30
V: 1"=10

6/18/2019 1:42:32 PM \\ADOT-DSK1\WRPLOT\ADOTpw_ltff_output.pdf gpwess V:\GAMP\ada ramp detail\ha4.prt 60-ADE

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			



SIZE: DETECTABLE WARNINGS SHALL BE 24 INCHES (610 MM) IN THE DIRECTION OF PEDESTRAIN TRAVEL AND EXTEND THE FULL WIDTH OF THE CURB RAMP OR FLUSH SURFACE.

LOCATION: THE DETECTABLE WARNING SHALL BE LOCATED SO THAT THE EDGE NEAREST THE CURB LINE OR OTHER POTENTIAL HAZARD IS 6 TO 8 INCHES (150 mm to 180mm) FROM THE CURB LINE OR OTHER POTENTIAL HAZARD, SUSH AS A REFLECTIVE POOL EDGE OR THE DYNAMIC ENVELOPE OF RAIL OPERATIONS.

DOME SIZE AND SPACING: TRUNCATED DOMES SHALL HAVE A BASE DIAMETER OF 0.9 INCH TO 1.4 INCH (23mm-36mm) AT THE BOTTOM, A DIAMETER OF 0.45 INCH TO 0.9 INCH (11mm-23mm) AT THE TOP, THE TOP DIAMETER SHALL BE A MINIMUM OF 50% AND A MAXIMUM OF 65% OF THE BASE DIAMENTER, A HEIGHT OF 0.2 INCH (5.2mm) AND A CENTER-TO-CENTER SPACING OF 2.40 INCHES (61mm) DESIRABLE 1.60 INCHES (41mm) MINIMUM MEASURED ALONG ONE SIDE OF A SQUARE ARRANGEMENT. DOMES SHALL HAVE A SQUARE ARRANGEMENT. DOMES SHALL BE ALIGNED ON A SQUARE GRID IN THE PREDOMINANT DIRECTION OF TRAVEL TO PERMIT WHEELS TO ROLL BETWEEN DOMES.

VISUAL CONTRAST: DETECTABLE WARNING SURFACES SHALL CONTRAST VISUALLY WITH THE ADJACENT WALKING SURFACE EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT. THE MATERIAL USED TO PROVIDE VISUAL CONTRACT SHALL BE AN INTEGRAL PART OF THE DETECTABLE WARNING SURFACE.

MATERIALS:

NEW CONSTRUCTION

THE DETECTABLE WARNINGS SHALL BE MADE OF MATERIALS SPECIFIED ON OPL 87.

RETROFIT OF EXISTING RAMPS

SURFACED APPLIED MATERIALS WILL ONLY BE APPROVED TO BE USED ON EXISTING WHEELCHAIR RAMPS.

INSTALLATION:

BRICK PAVERS SHALL BE SET IN A WET MORTAR BED. THE BED SHALL BE PLACED ON CONCRETE. THE CONCRETE SHALL BE A MINIMUM OF 4" THICK.

CERAMIC TILE SHALL BE EPOXIED IN PLACE OR SET IN A WET MORTAR BED. MANUFACTURER RECOMMEND ADHESIVE OR FASTENER SHALL BE USED IN THE INSTALLATION.

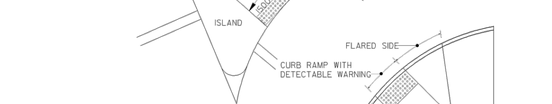
ALL OTHER MATERIALS SHALL BE INSTALLED ACCORDING TO MANUFACTURES DETAILS OR INSTRUCTION.

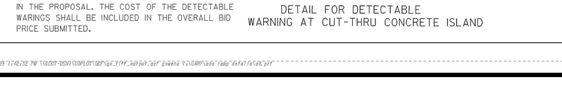
GENERAL NOTES:

RETROFIT SURFACED APPLIED MATERIALS ONLY:

1. CHANGES IN LEVEL OF 1/4" (6.4 mm) HIGH MAXIMUM SHALL BE PERMITTED VERTICALLY ON SURFACED APPLIED MATERIALS.
2. CHANGES IN LEVEL BETWEEN 1/4" (6.4 mm) HIGH MINIMUM AND 1/2" (13mm) HIGH MAXIMUM SHALL BE BELEVELED WITH A SLOPE NOT STEEPER THAN 2:1.

CONCRETE ISLAND WITH ELEVATED CUT THROUGH





FOR TILE OR BRICK PAVERS NO VERTICAL LIP OVER 1/8" (3 mm) IS ALLOWED

NO SEPARATE PAYMENT WILL BE MADE FOR THE DETECTABLE WARNINGS. THE COST SHALL BE INCLUDED IN THE PRICE BID FOR SIDEWALK (OR CURB CUT RAMP IF THE ITEM IS INCLUDED IN THE PROPOSAL).

FOR CUT-THRU ISLANDS AND EXISTING RAMPS, WHERE NO SIDEWALK OR CURB CUT RAMPS ARE IN THE PROPOSAL. THE COST OF THE DETECTABLE WARINGS SHALL BE INCLUDED IN THE OVERALL BID PRICE SUBMITTED.

DETAIL FOR DETECTABLE WARNING AT CUT-THRU CONCRETE ISLAND

GJO	ADDED RETROFIT DETAIL AND ADDED ALT. RAMP	6-08-09	
GJO	DETAIL AND GEN. NOTES REVISED TO MEET ADA STD.	09-2-06	
GJO	REPRESENTATIVE DOMES	5-6-06	
	ADD NOTES, REVISED	3-14-02	
BF	REVISED	7-25-02	
	REVISION	DATE	

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

SPECIAL DETAIL

DETECTABLE WARNING SURFACE TRUNCATED DOME SIZE, SPACING AND ALIGNMENT REQUIREMENTS

NO SCALE — MARCH 12, 2002

NUMBER A4

6/18/2019 1:42:32 PM \\ADOT-DSK1\WRPLOT\ADOTpw_ltff_output.pdf gpwess V:\GAMP\ada ramp detail\ha4.prt

MOORE CIVIL
CONSULT>DESIGN>ENGINEER
706.224.1629
ROBERT@MOORECIVIL.COM

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. PE035680 ROBERT EUGENE MOORE

DATE: 06/12/2023

This document, together with the concepts and designs presented herein, as an instrument of services, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization by Moore Civil Consulting, Inc. shall be without liability to Moore Civil Consulting, Inc. Copyright Moore Civil Consulting, Inc. 2018

24 HOUR CONTACT
MEHULKUMAR GAJJAR
404-483-2157

CLIENT:
HANSA PATEL
908 DONAGAL DR
LOCUST GROVE, GA, 30248
404-483-2157

OWNER INFORMATION:
HANSA PATEL
908 DONAGAL DR
LOCUST GROVE, GA, 30248
404-483-2157

REVISIONS:

6/21/22	GRADING PLAN
10/21/22	1st LDP SUBMITTAL
10/21/22	1ST GDOT SUBMITTAL
01/30/2023	NEW LAYOUT
02/21/2023	NEW LAYOUT
05/09/2023	2nd LDP SUBMITTAL
05/09/2023	2nd GDOT SUBMITTAL
12/19/2023	3rd GDOT SUBMITTAL
12/19/2023	3rd LDP SUBMITTAL
03/05/2023	4rd LDP SUBMITTAL
03/05/2023	3rd GDOT SUBMITTAL
04/24/2024	6TH GDOT SUBMITTAL
05/21/2024	7TH GDOT SUBMITTAL
12/12/2024	8TH GDOT SUBMITTAL
03/06/2025	5TH LDP SUBMITTAL
07/03/2025	6TH LDP SUBMITTAL

HWY 81 C-STORE

HWY 81
HAMPTON, GA 30228

SHEET TITLE:
SIGHT DISTANCE PROFILE

SHEET NUMBER:
C.310