

TRAFFIC IMPROVEMENTS ON WAIAKAMILO RD & HOUGHTAILING ST

LIMITS: N NIMITZ HWY TO N SCHOOL ST

30% DRAFT PLAN SET (NOT FOR CONSTRUCTION)

DEPARTMENT OF TRANSPORTATION SERVICES
CITY AND COUNTY OF HONOLULU

PREPARED BY:
NELSON\NYGAARD CONSULTING ASSOCIATES INC.

VICINITY MAP

LOCATION MAP

APPROVED



VICINITY MAP
NOT TO SCALE

PROJECT LOCATION



WAIAKAMILO RD & HOUGHTAILING ST
NOT TO SCALE

PROJECT LIMITS

APPROVED:

DIRECTOR, DEPARTMENT OF TRANSPORTATION SERVICES,
CITY & COUNTY OF HONOLULU

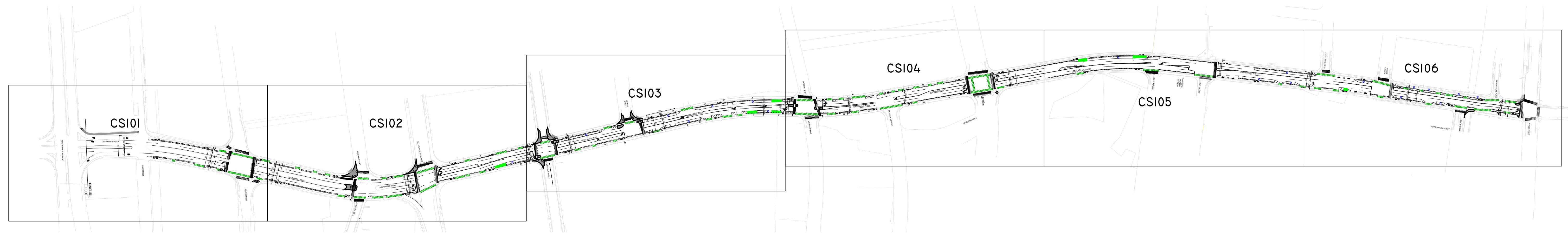
DATE

INDEX OF DRAWINGS		
SHEET NO.	DWG. NO.	DESCRIPTION
1	G001	TITLE SHEET
2	G002	INDEX OF DRAWINGS
3	CS001	KEY PLAN
4	CS002	EXISTING TYPICAL SECTIONS
5	CS003	PROPOSED TYPICAL SECTIONS
6	CS101	SITE AND STRIPING PLAN 1
7	CS102	SITE AND STRIPING PLAN 2
8	CS103	SITE AND STRIPING PLAN 3
9	CS104	SITE AND STRIPING PLAN 4
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11	CS106	SITE AND STRIPING PLAN 6
12	CS201	SIGN DETAILS

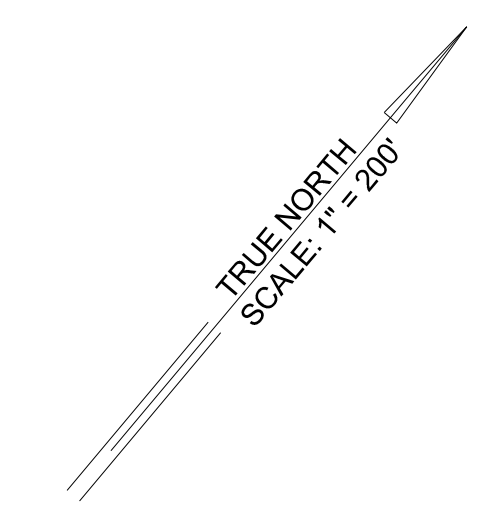
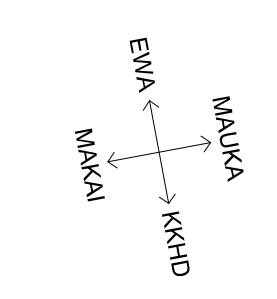
DRAFT 30% - NOT FOR CONSTRUCTION

DEPARTMENT OF TRANSPORTATION SERVICES			
CITY & COUNTY OF HONOLULU			
TRAFFIC IMPROVEMENTS ON WAIAKAMILO RD & HOUGHTAILING ST			
N NIMITZ HWY TO N SCHOOL ST			
INDEX			
ENGINEER: _____	DATE: _____	5/2023	
DRAFTSMAN: _____	CHECKED BY: _____		
SCALE: _____	TRACER: _____		
APPROVED: _____	APPROVED: _____		
DIRECTOR _____	DATE _____	DIVISION ENGINEER _____	DATE _____

G002



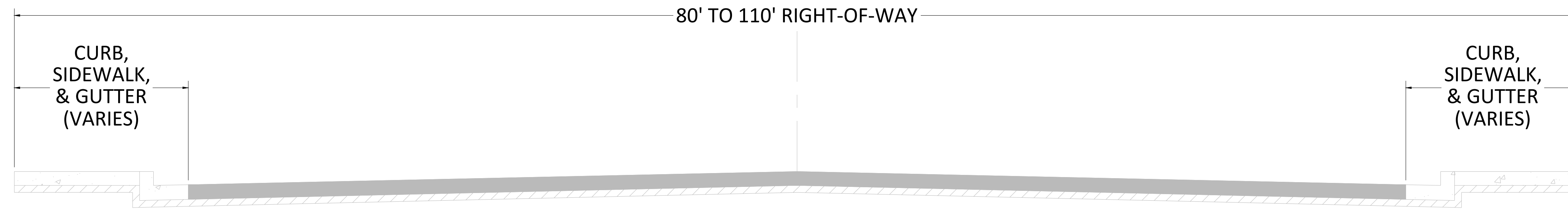
KEY PLAN
SCALE: 1" = 200'



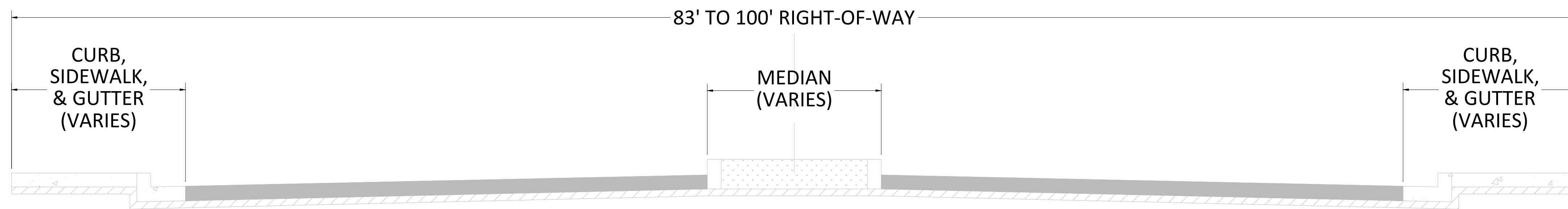
DRAFT 30% - NOT FOR CONSTRUCTION

DEPARTMENT OF TRANSPORTATION SERVICES			
CITY & COUNTY OF HONOLULU			
TRAFFIC IMPROVEMENTS ON WAIAKAMILO RD & HOUGHTAILING ST			
N NIMITZ HWY TO N SCHOOL ST			
KEY PLAN			
ENGINEER:		DATE:	06/2023
DRAFTSMAN:		CHECKED BY:	
SCALE:	1" = 200'	TRACER:	
APPROVED:		APPROVED:	
DIRECTOR:		DIVISION ENGINEER:	
	DATE		DATE

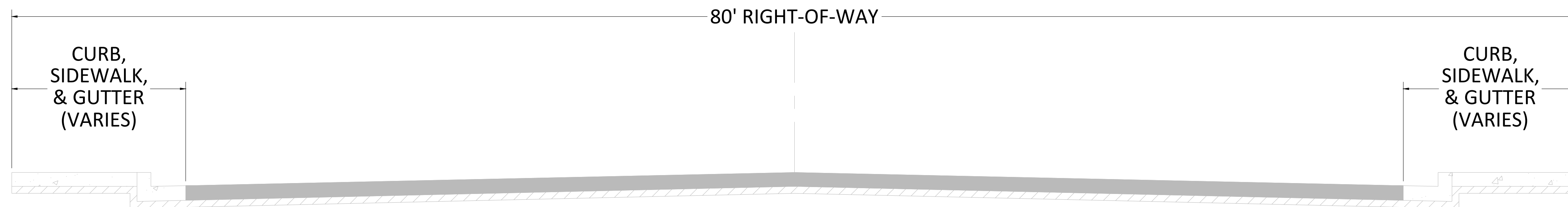
CS001



WAIAKAMILO RD EXISTING TYPICAL SECTION - WITHOUT MEDIAN
NOT TO SCALE



WAIAKAMILO RD EXISTING TYPICAL SECTION - WITH MEDIAN
NOT TO SCALE

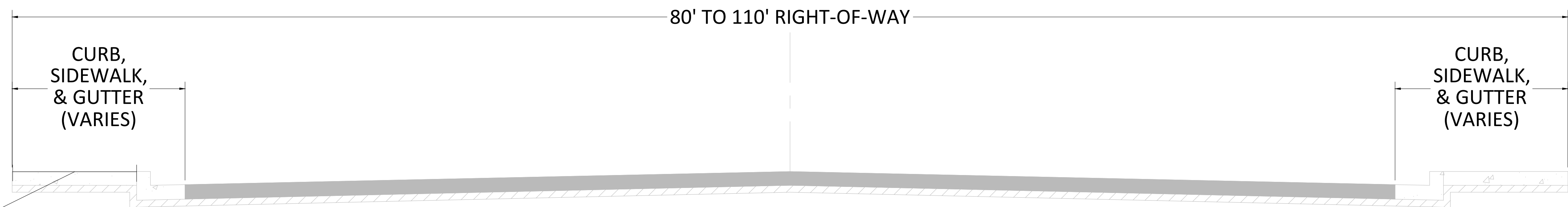


HOUGHTAILING ST EXISTING TYPICAL SECTION
NOT TO SCALE

DRAFT 30% - NOT FOR CONSTRUCTION

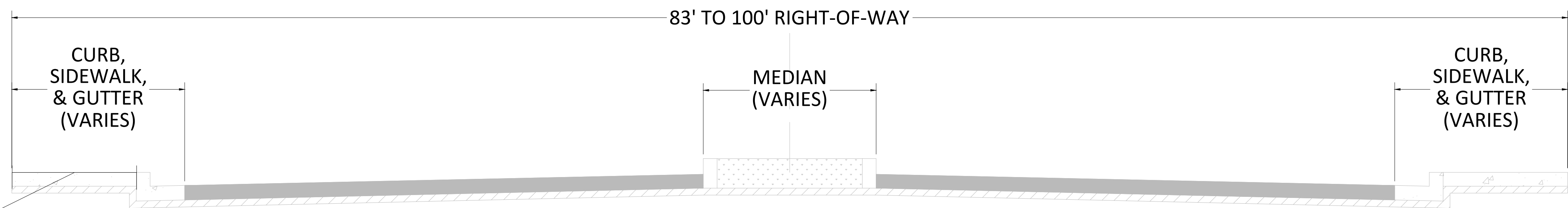
DEPARTMENT OF TRANSPORTATION SERVICES			
CITY & COUNTY OF HONOLULU			
TRAFFIC IMPROVEMENTS ON WAIAKAMILO RD & HOUGHTAILING ST			
N NIMITZ HWY TO N SCHOOL ST			
EXISTING TYPICAL SECTION			
ENGINEER:		DATE:	06/2023
DRAFTSMAN:		CHECKED BY:	
SCALE:	NTS	TRACER:	
APPROVED:		APPROVED:	
DIRECTOR:		DIVISION ENGINEER:	

CS002



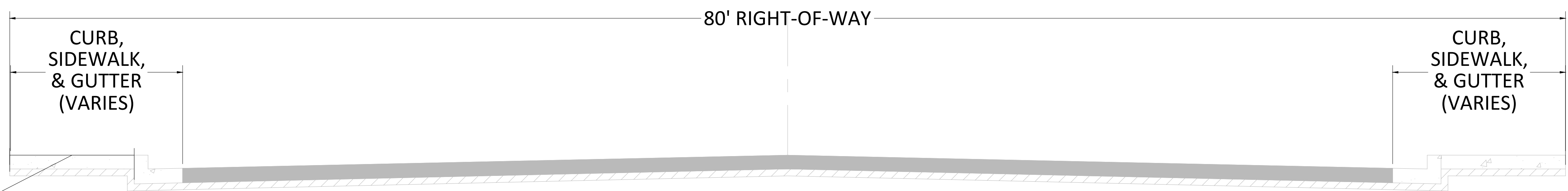
SIDEWALK RECONSTRUCTION AS SHOWN PER PLANS

WAIAKAMILO RD PROPOSED TYPICAL SECTION - WITHOUT MEDIAN
NOT TO SCALE



SIDEWALK RECONSTRUCTION AS SHOWN PER PLANS

WAIAKAMILO RD PROPOSED TYPICAL SECTION - WITH MEDIAN
NOT TO SCALE



SIDEWALK RECONSTRUCTION AS SHOWN PER PLANS

HOUGHTAILING ST PROPOSED TYPICAL SECTION
NOT TO SCALE

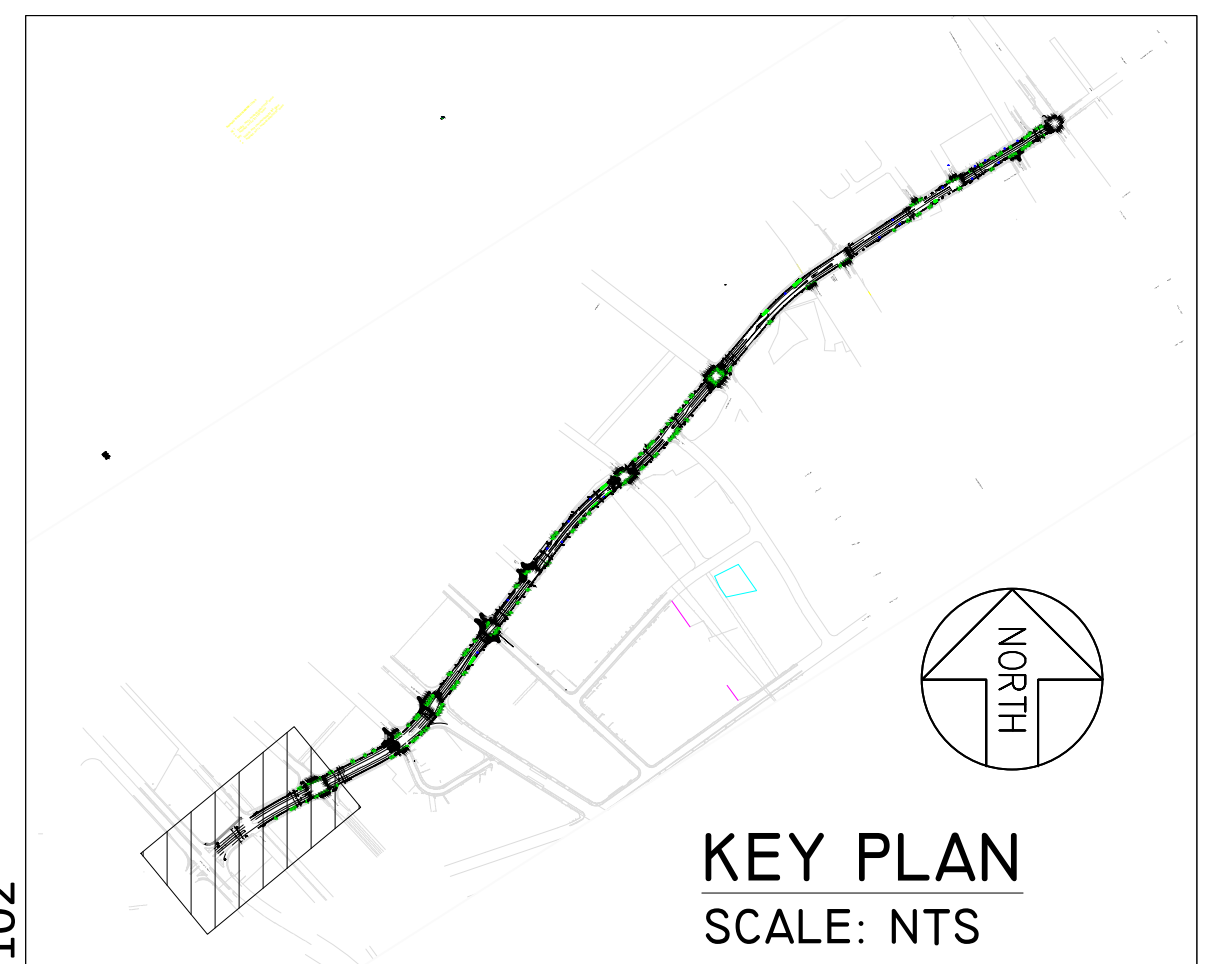
DRAFT 30% - NOT FOR CONSTRUCTION

DEPARTMENT OF TRANSPORTATION SERVICES			
CITY & COUNTY OF HONOLULU			
TRAFFIC IMPROVEMENTS ON WAIAKAMILO RD & HOUGHTAILING ST			
N NIMITZ HWY TO N SCHOOL ST			
PROPOSED TYPICAL SECTIONS			
ENGINEER:		DATE:	06/2023
DRAFTSMAN:		CHECKED BY:	
SCALE:	NTS	TRACER:	
APPROVED:		APPROVED:	
DIRECTOR:		DIVISION ENGINEER:	

CS003



MATCHLINE STA. X+XX, SEE SHEET CS102



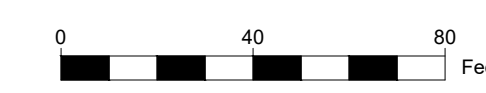
SITE AND STRIPING PLAN - WAIAKAMILO ROAD
SCALE: 1" = 40'

LEGEND:

- PROPERTY LINE
- PROPOSED SIGN
- PROPOSED SHARED BICYCLE LANE MARKING
- EXISTING CONCRETE SIDEWALK OR MEDIAN
- PROPOSED 6" CONCRETE SIDEWALK/MEDIAN
- ON-STREET PARKING
- PAVEMENT ARROW
- BICYCLE LANE PAVEMENT MARKINGS
- CROSSWALK
- SOLID GREEN BIKE LANE CROSSING MARKING
- PARKING TEE
- PROPOSED CURB RAMP

NOTES:

1. ALL CURB EXTENSIONS ALLOW FOR AN SU-30 TO TURN FROM DESIGNATED LANE WITHOUT CROSSING CENTERLINE, MOUNTING CURBS, OR HATCHED AREAS.
2. PARKING SPACES ARE 18' IN LENGTH FOR END LOCATIONS AND 22' FOR ALL OTHERS.
3. LOCATIONS OF EXISTING CONCRETE BUS PADS WILL BE IDENTIFIED IN FULL SURVEY AND DESIGN.



DRAFT 30% - NOT FOR CONSTRUCTION

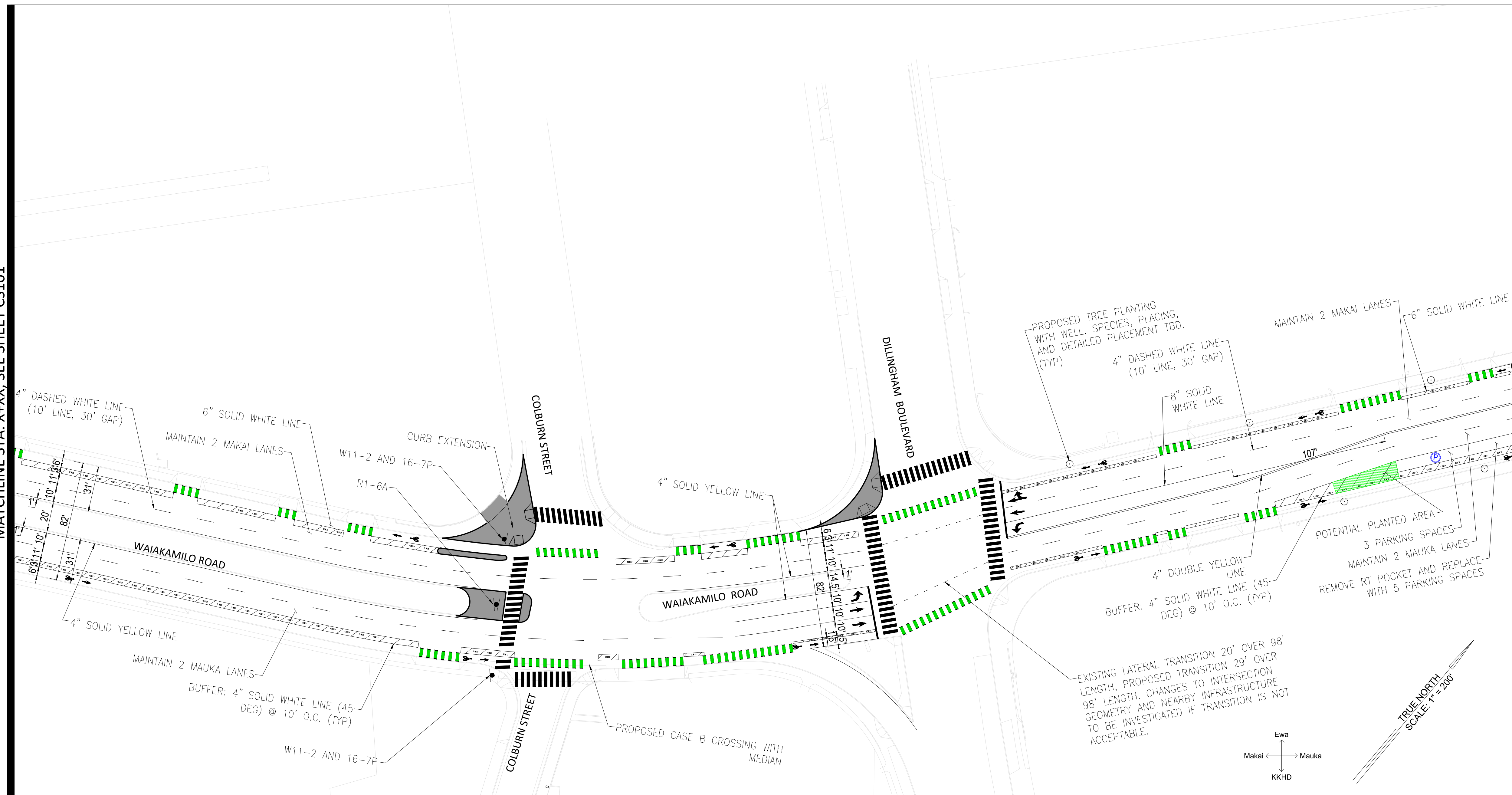
DEPARTMENT OF TRANSPORTATION SERVICES
CITY & COUNTY OF HONOLULU
TRAFFIC IMPROVEMENTS ON WAIAKAMILO RD & HOUGHTAILING ST
N NIMITZ HWY TO N SCHOOL ST
SITE AND STRIPING PLAN - I

ENGINEER: _____ DATE: 06/2023
 DRAFTSMAN: _____ CHECKED BY: _____
 SCALE: 1" = 40' TRACER: _____
 APPROVED: _____ APPROVED: _____
 DIRECTOR: _____ DATE: _____ DIVISION ENGINEER: _____ DATE: _____

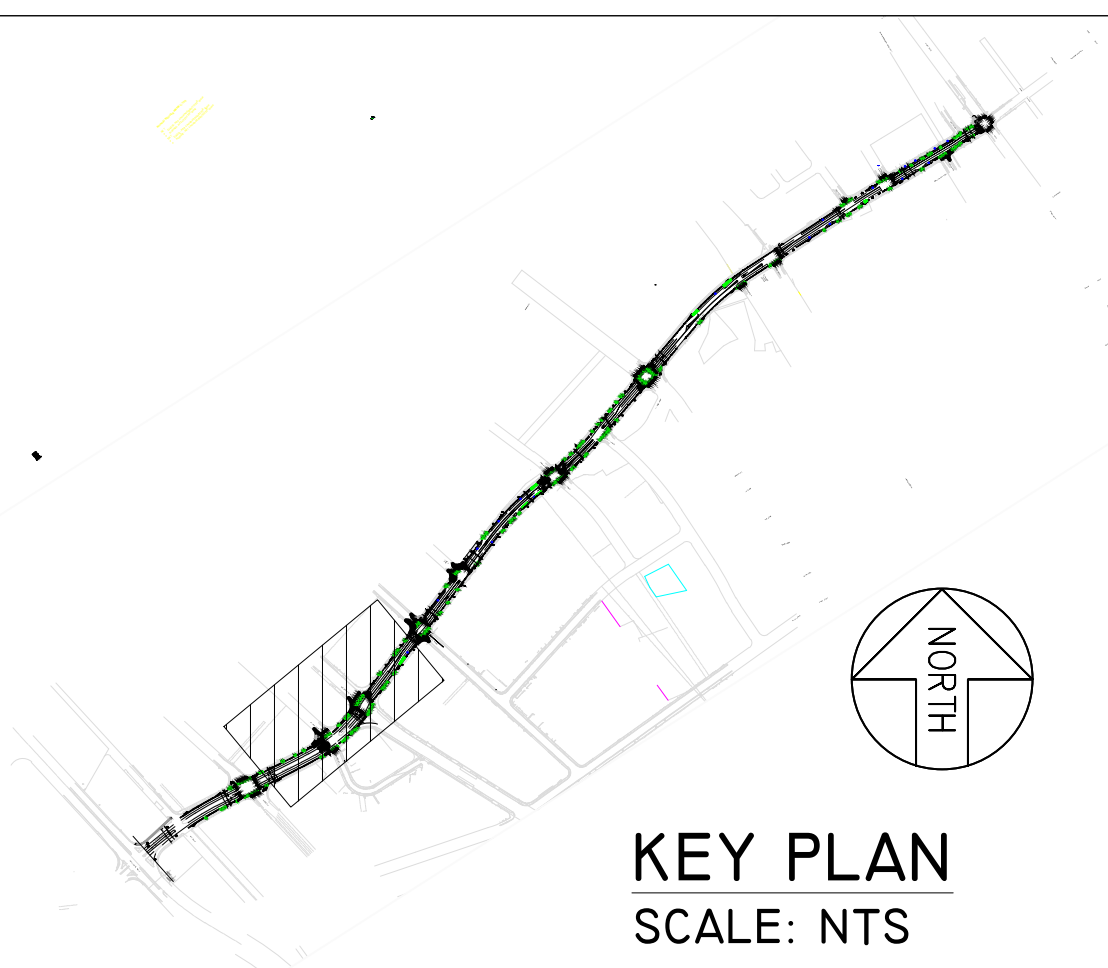
CS101

MATCHLINE STA. X+XX, SEE SHEET CS101

MATCHLINE STA. X+XX, SEE SHEET CS103



SITE AND STRIPING PLAN - WAIAKAMILO ROAD
SCALE: 1" = 40'

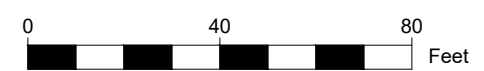


LEGEND:

- PROPERTY LINE
- PROPOSED SIGN
- PROPOSED SHARED BICYCLE LANE MARKING
- EXISTING CONCRETE SIDEWALK OR MEDIAN
- PROPOSED 6" CONCRETE SIDEWALK/MEDIAN
- ON-STREET PARKING
- PAVEMENT ARROW
- BICYCLE LANE PAVEMENT MARKINGS
- CROSSWALK
- SOLID GREEN BIKE LANE CROSSING MARKING
- PARKING TEE
- PROPOSED CURB RAMP

NOTES:

1. ALL CURB EXTENSIONS ALLOW FOR AN SU-30 TO TURN FROM DESIGNATED LANE WITHOUT CROSSING CENTERLINE, MOUNTING CURBS, OR HATCHED AREAS.
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DRAFT 30% - NOT FOR CONSTRUCTION

DEPARTMENT OF TRANSPORTATION SERVICES
CITY & COUNTY OF HONOLULU
TRAFFIC IMPROVEMENTS ON WAIAKAMILO RD & HOUGHTAILING ST
N NIMITZ HWY TO N SCHOOL ST
SITE AND STRIPING PLAN - 2

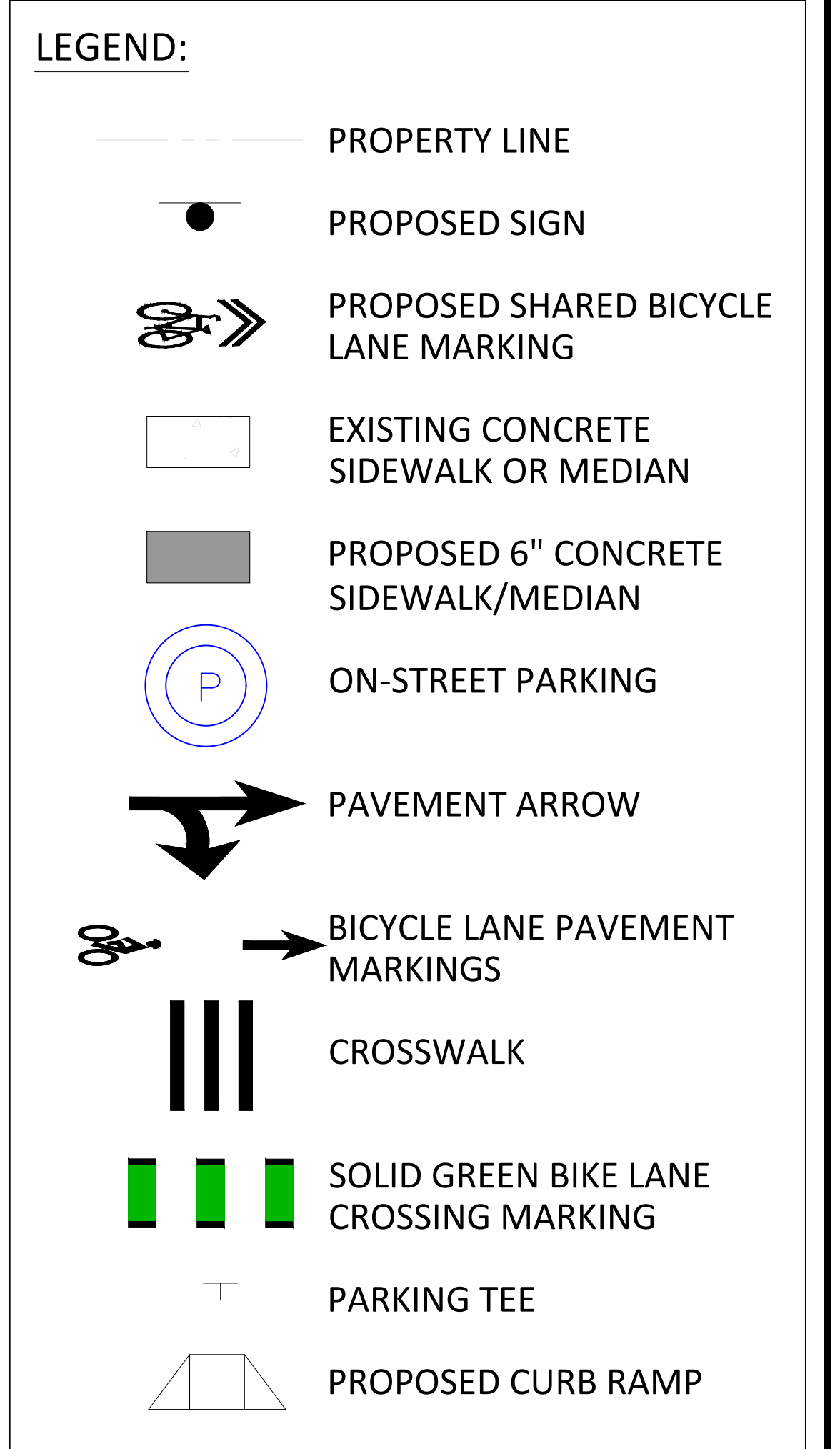
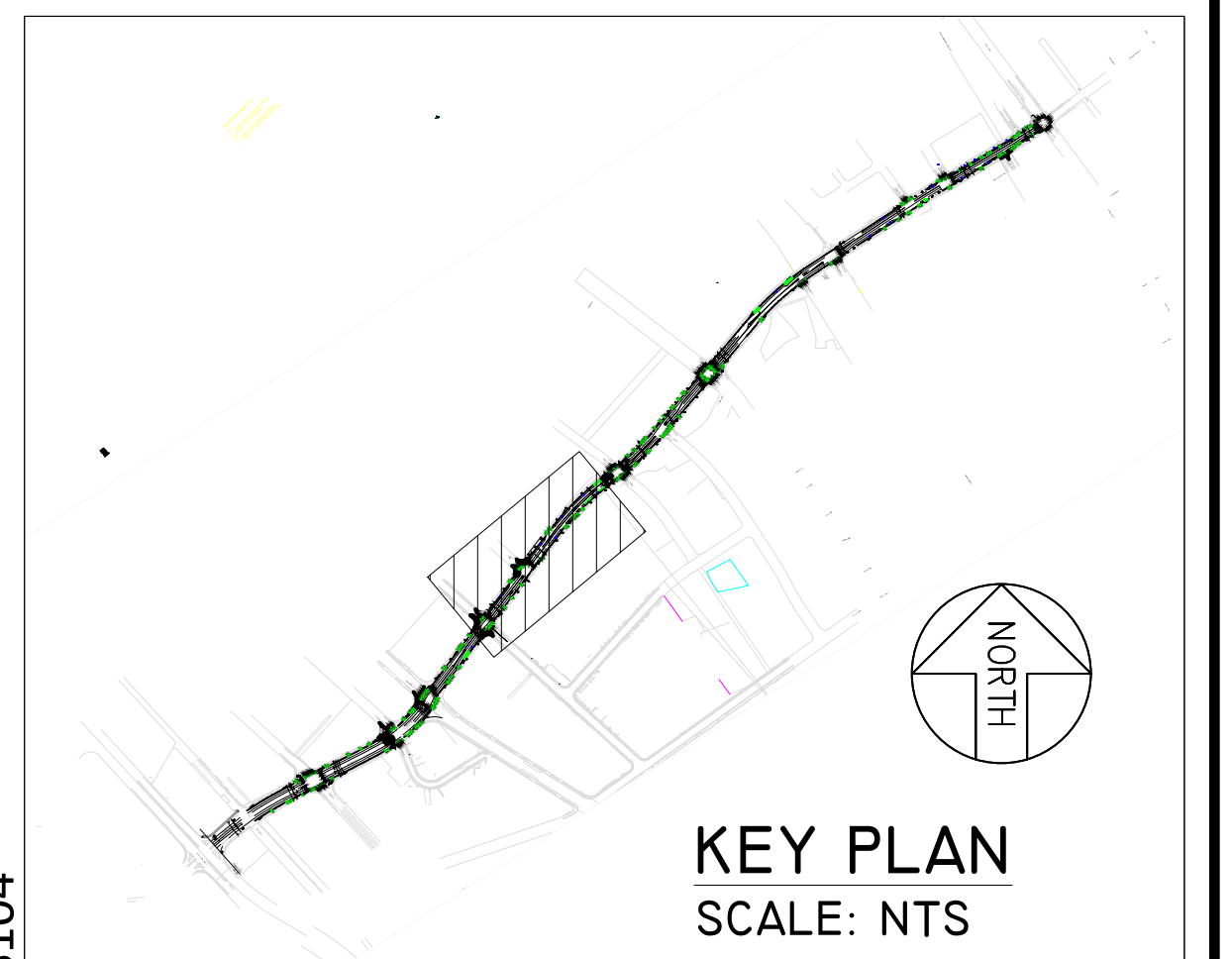
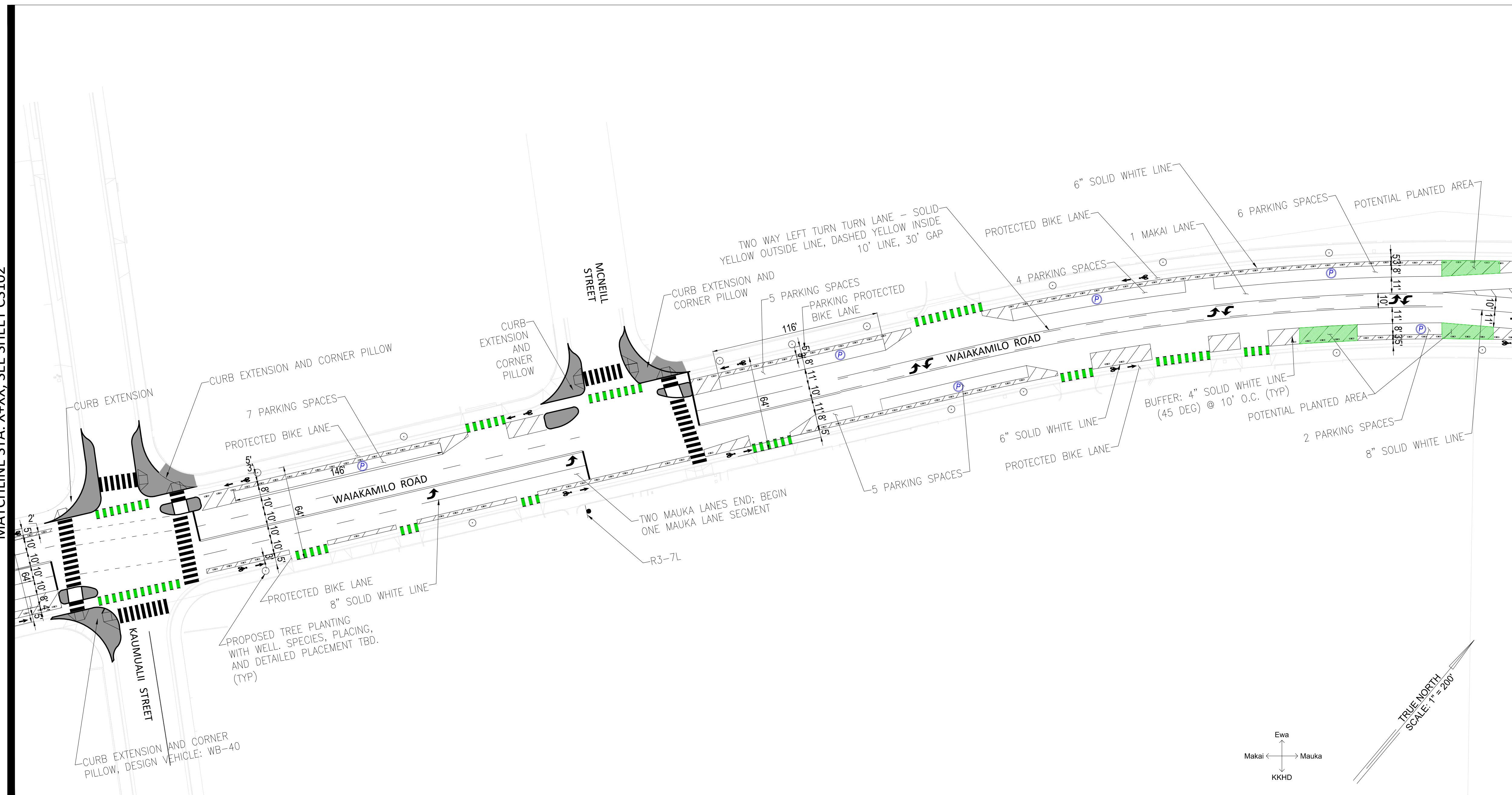
ENGINEER: _____ DATE: 06/2023
DRAFTSMAN: _____ CHECKED BY: _____
SCALE: 1" = 40' TRACER: _____
APPROVED: _____ APPROVED: _____

DIRECTOR _____ DATE _____ DIVISION ENGINEER _____ DATE _____

CS102

MATCHLINE STA. X+XX, SEE SHEET CS102

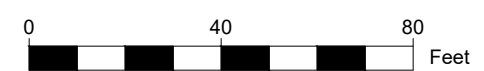
MATCHLINE STA. X+XX, SEE SHEET CS104



SITE AND STRIPING PLAN - WAIAKAMILO ROAD
SCALE: 1" = 40'

NOTES:

1. ALL CURB EXTENSIONS ALLOW FOR AN SU-30 TO TURN FROM DESIGNATED LANE WITHOUT CROSSING CENTERLINE, MOUNTING CURBS, OR HATCHED AREAS.
2. PARKING SPACES ARE 18' IN LENGTH FOR END LOCATIONS AND 22' FOR ALL OTHERS.
3. LOCATIONS OF EXISTING CONCRETE BUS PADS WILL BE IDENTIFIED IN FULL SURVEY AND DESIGN.



DRAFT 30% - NOT FOR CONSTRUCTION

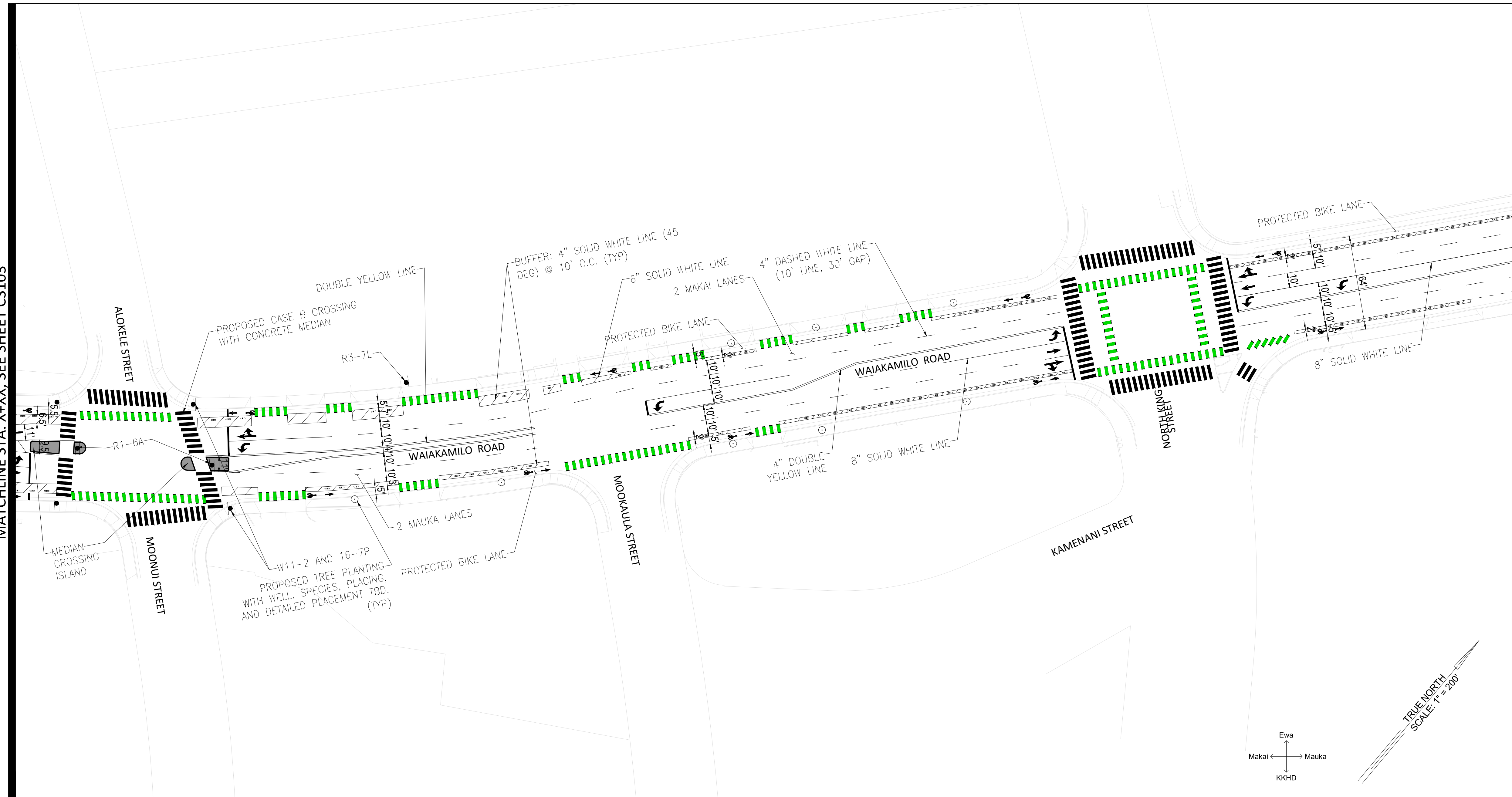
DEPARTMENT OF TRANSPORTATION SERVICES
CITY & COUNTY OF HONOLULU
TRAFFIC IMPROVEMENTS ON WAIAKAMILO RD & HOUGHTAILING ST
N NIMITZ HWY TO N SCHOOL ST
SITE AND STRIPING PLAN - 3

ENGINEER:	DATE: 06/2023
DRAFTSMAN:	CHECKED BY:
SCALE: 1" = 40'	TRACER:
APPROVED:	APPROVED:
DIRECTOR:	DATE:
	DIVISION ENGINEER:
	DATE:

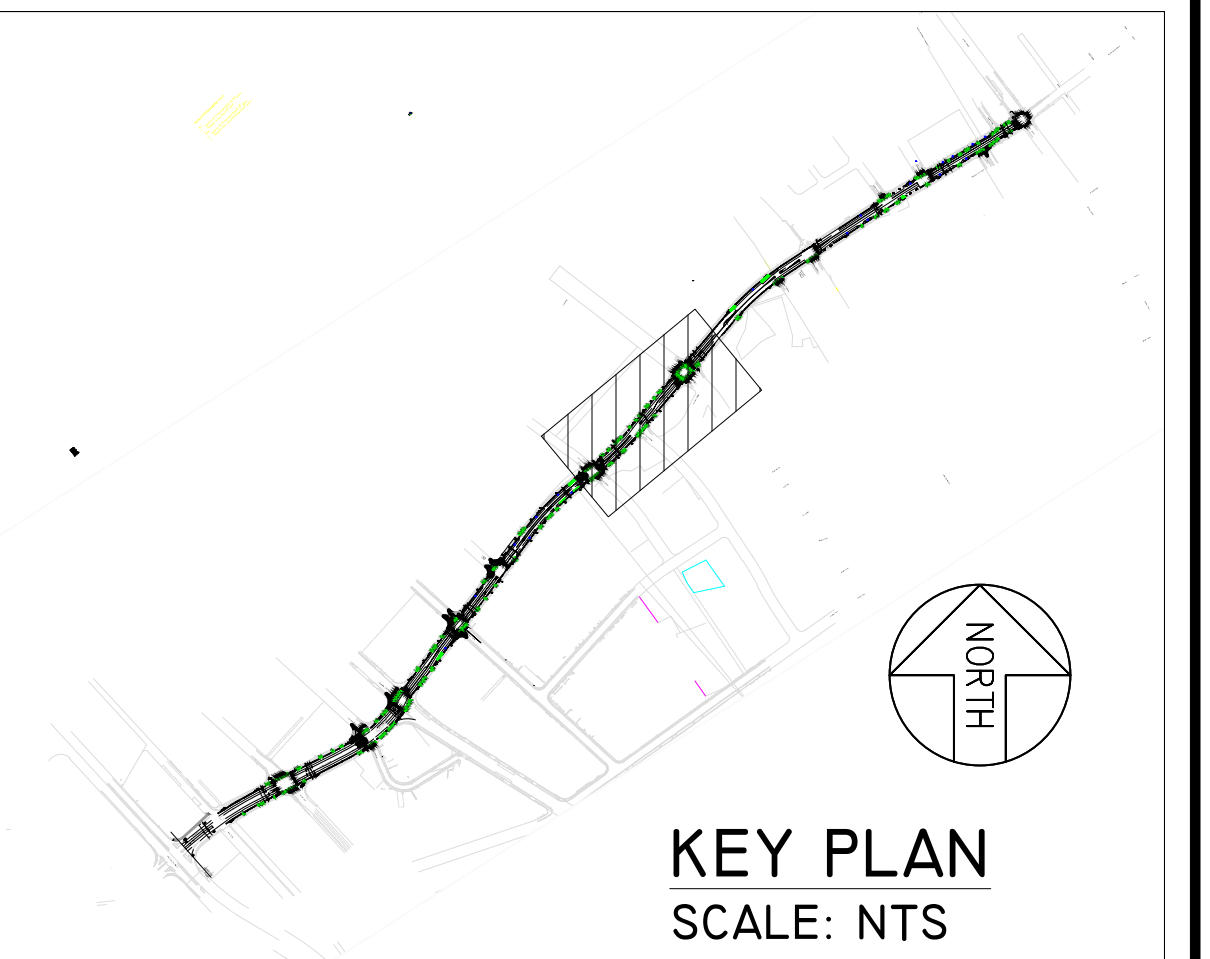
CS103

MATCHLINE STA. X+XX, SEE SHEET CS103

MATCHLINE STA. X+XX, SEE SHEET CS105



SITE AND STRIPING PLAN - WAIAKAMILO ROAD
SCALE: 1" = 40'

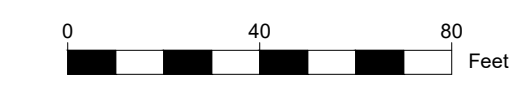


LEGEND:

- PROPERTY LINE
- PROPOSED SIGN
- PROPOSED SHARED BICYCLE LANE MARKING
- EXISTING CONCRETE SIDEWALK OR MEDIAN
- PROPOSED 6" CONCRETE SIDEWALK/MEDIAN
- ON-STREET PARKING
- PAVEMENT ARROW
- BICYCLE LANE PAVEMENT MARKINGS
- CROSSWALK
- SOLID GREEN BIKE LANE CROSSING MARKING
- PARKING TEE
- PROPOSED CURB RAMP

NOTES:

1. ALL CURB EXTENSIONS ALLOW FOR AN SU-30 TO TURN FROM DESIGNATED LANE WITHOUT CROSSING CENTERLINE, MOUNTING CURBS, OR HATCHED AREAS.
2. PARKING SPACES ARE 18' IN LENGTH FOR END LOCATIONS AND 22' FOR ALL OTHERS.
3. LOCATIONS OF EXISTING CONCRETE BUS PADS WILL BE IDENTIFIED IN FULL SURVEY AND DESIGN.



DRAFT 30% - NOT FOR CONSTRUCTION

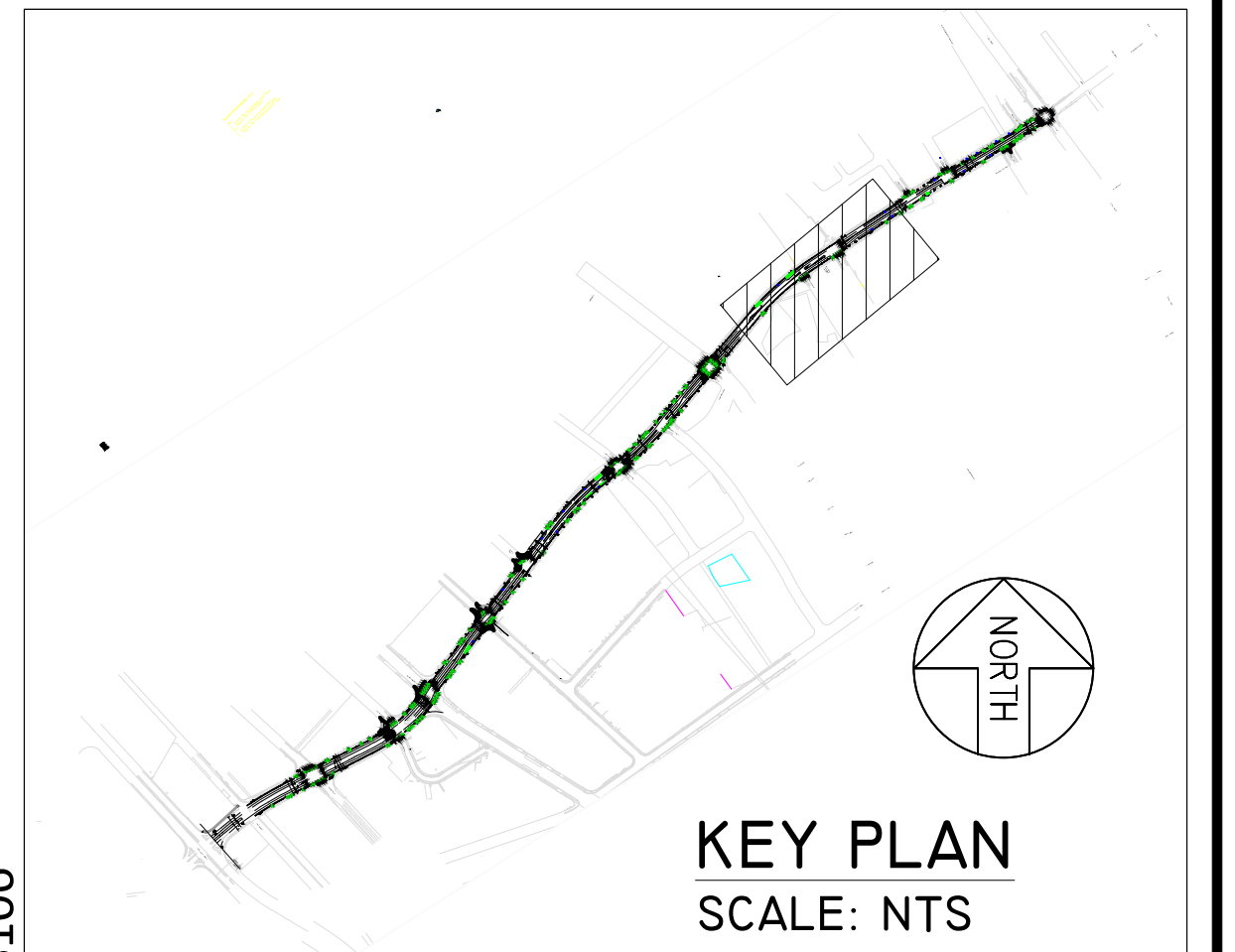
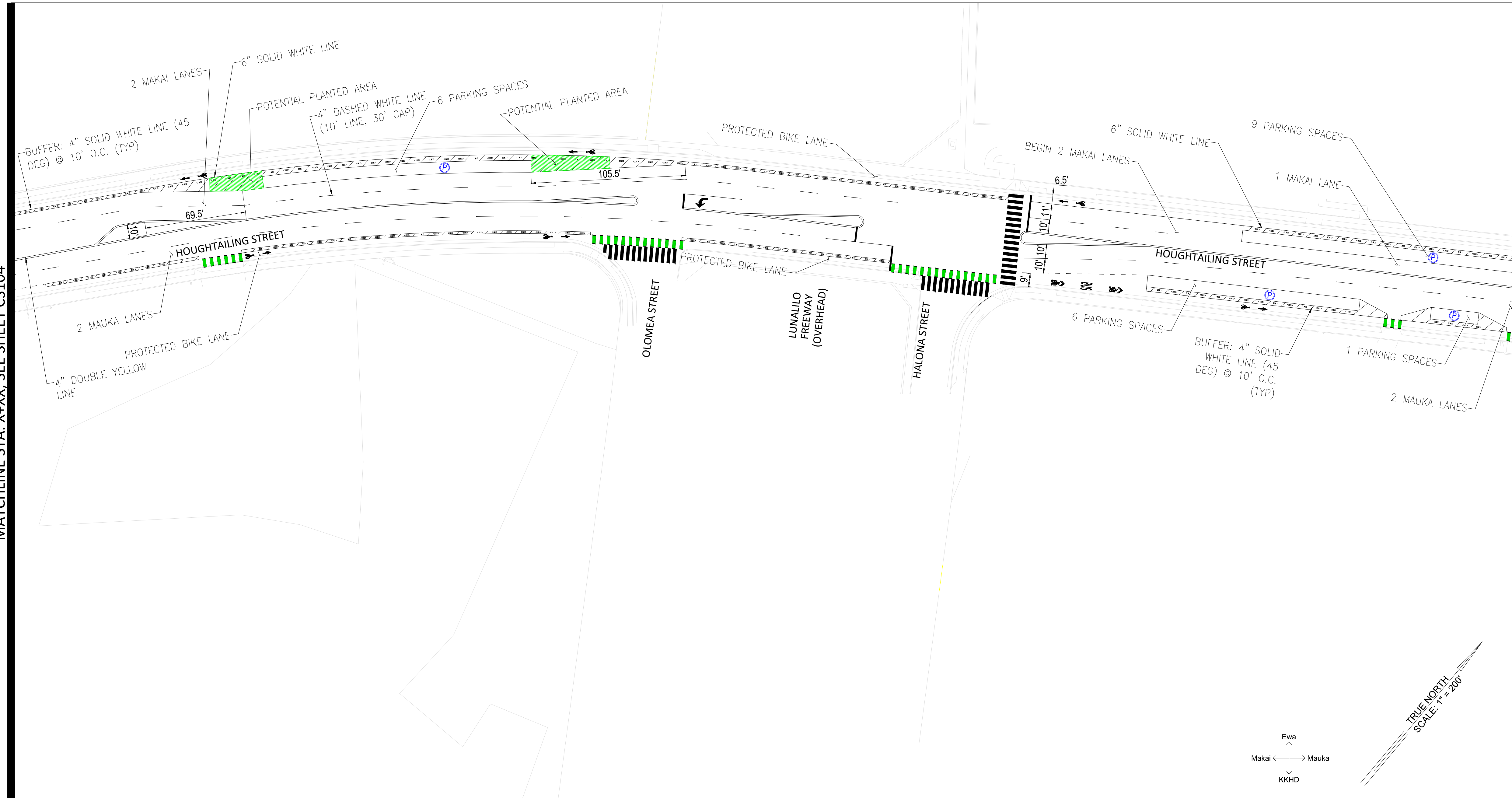
DEPARTMENT OF TRANSPORTATION SERVICES
CITY & COUNTY OF HONOLULU
TRAFFIC IMPROVEMENTS ON WAIAKAMILO RD & HOUGHTAILING ST
N NIMITZ HWY TO N SCHOOL ST
SITE AND STRIPING PLAN - 4

ENGINEER: _____ DATE: 06/2023
DRAFTSMAN: _____ CHECKED BY: _____
SCALE: 1" = 40' TRACER: _____
APPROVED: _____ APPROVED: _____
DIRECTOR: _____ DATE: _____ DIVISION ENGINEER: _____ DATE: _____

CSI04

MATCHLINE STA. X+XX, SEE SHEET CS104

MATCHLINE STA. X+XX, SEE SHEET CS106



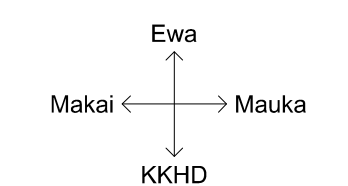
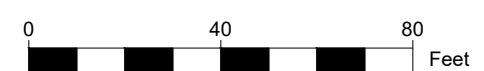
LEGEND:

- PROPERTY LINE
- PROPOSED SIGN
- PROPOSED SHARED BICYCLE LANE MARKING
- EXISTING CONCRETE SIDEWALK OR MEDIAN
- PROPOSED 6" CONCRETE SIDEWALK/MEDIAN
- ON-STREET PARKING
- PAVEMENT ARROW
- BICYCLE LANE PAVEMENT MARKINGS
- CROSSWALK
- SOLID GREEN BIKE LANE CROSSING MARKING
- PARKING TEE
- PROPOSED CURB RAMP

SITE AND STRIPING PLAN - HOUGHTAILING ST
SCALE: 1" = 40'

NOTES:

1. ALL CURB EXTENSIONS ALLOW FOR AN SU-30 TO TURN FROM DESIGNATED LANE WITHOUT CROSSING CENTERLINE, MOUNTING CURBS, OR HATCHED AREAS.
2. PARKING SPACES ARE 18' IN LENGTH FOR END LOCATIONS AND 22' FOR ALL OTHERS.
3. LOCATIONS OF EXISTING CONCRETE BUS PADS WILL BE IDENTIFIED IN FULL SURVEY AND DESIGN.



TRUE NORTH
SCALE: 1" = 200'

DRAFT 30% - NOT FOR CONSTRUCTION

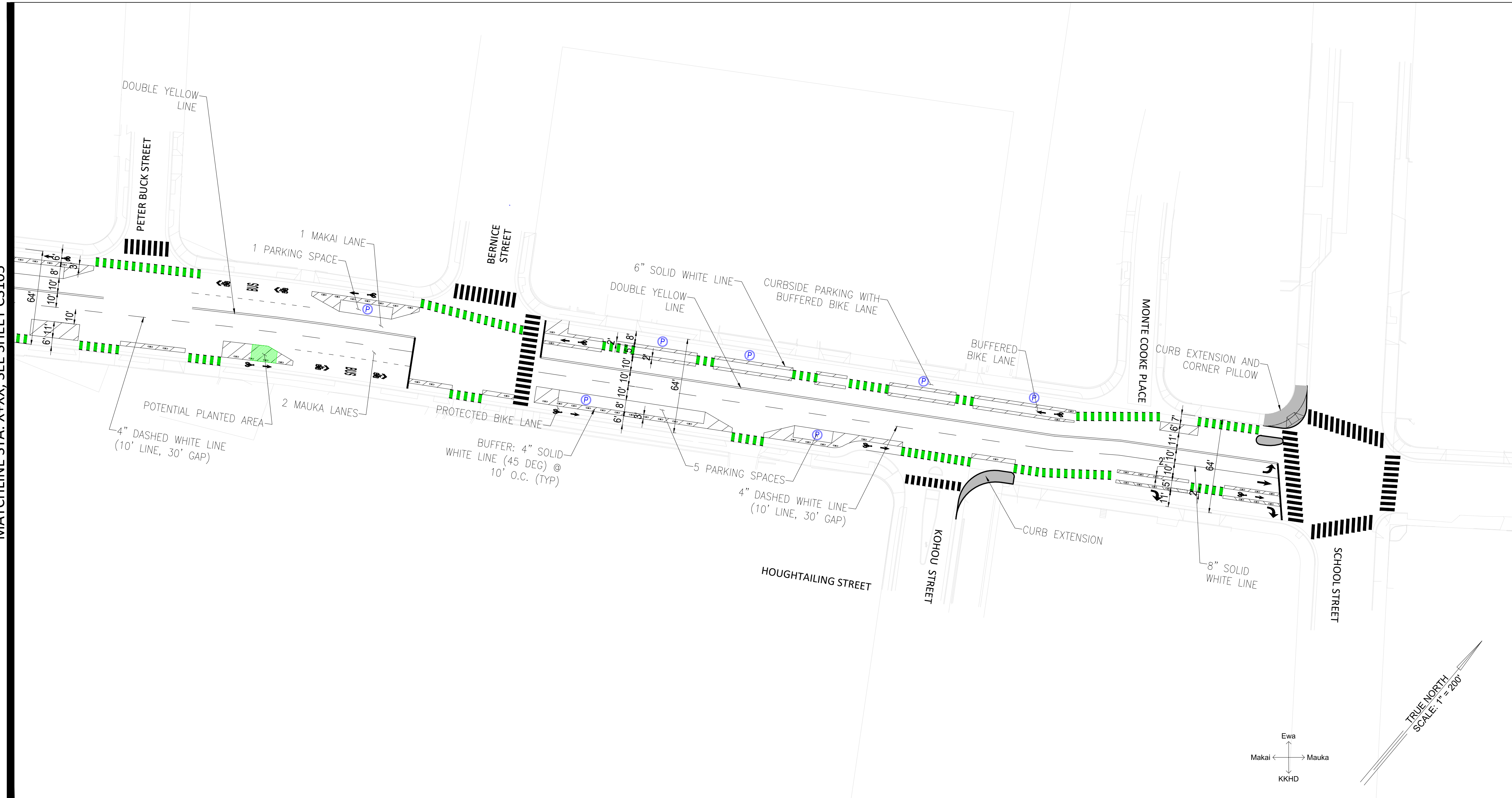
DEPARTMENT OF TRANSPORTATION SERVICES
CITY & COUNTY OF HONOLULU
TRAFFIC IMPROVEMENTS ON WAIAKAMILO RD & HOUGHTAILING ST
N NIMITZ HWY TO N SCHOOL ST
SITE AND STRIPING PLAN - 5

ENGINEER: _____ DATE: 06/2023
DRAFTSMAN: _____ CHECKED BY: _____
SCALE: 1" = 40' TRACER: _____
APPROVED: _____ APPROVED: _____

DIRECTOR _____ DATE _____ DIVISION ENGINEER _____ DATE _____

CSI05

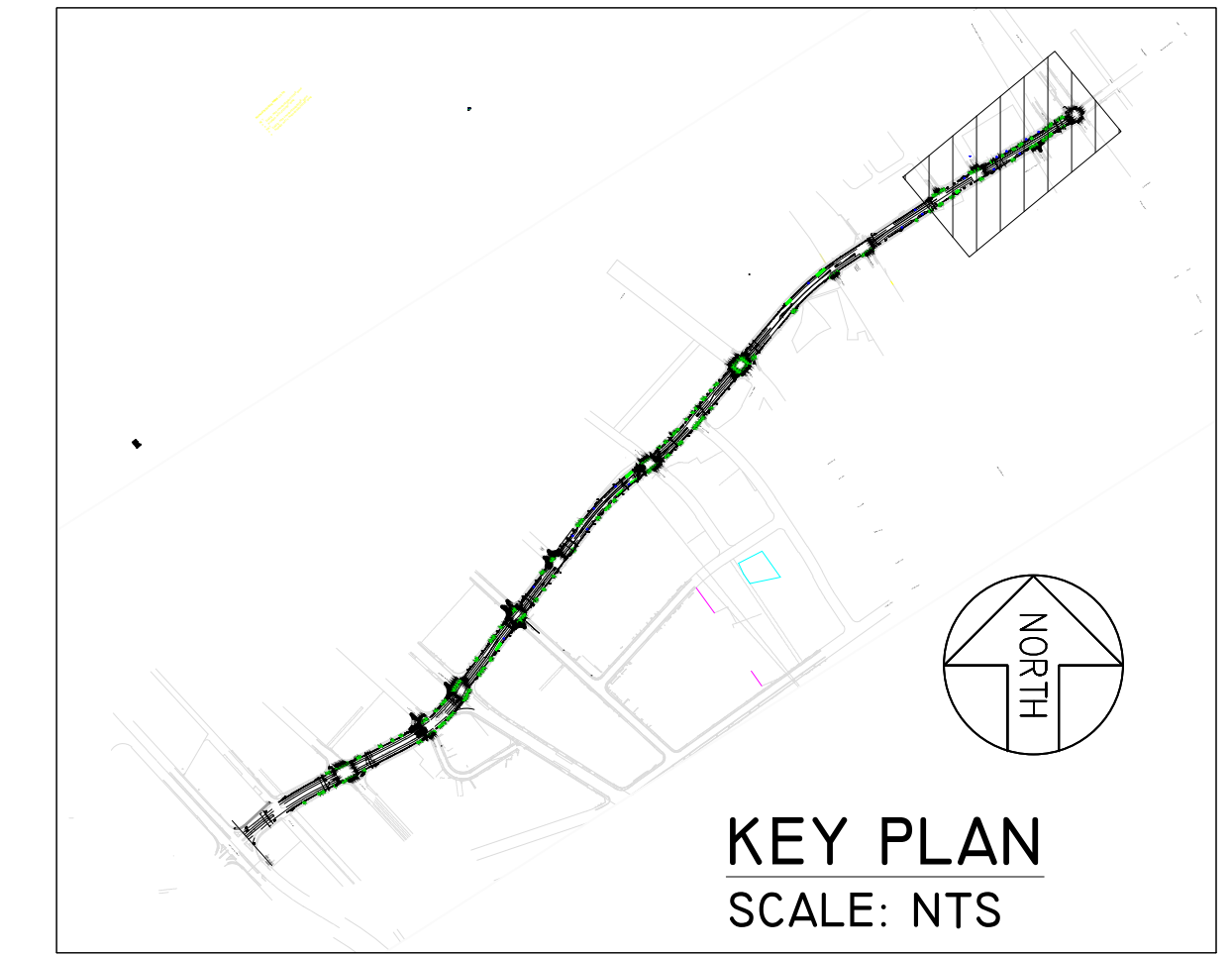
MATCHLINE STA. X+XX, SEE SHEET CS105



SITE AND STRIPING PLAN - HOUGHTAILING ST
SCALE: 1" = 40'

NOTES:

1. ALL CURB EXTENSIONS ALLOW FOR AN SU-30 TO TURN FROM DESIGNATED LANE WITHOUT CROSSING CENTERLINE, MOUNTING CURBS, OR HATCHED AREAS.
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LEGEND:

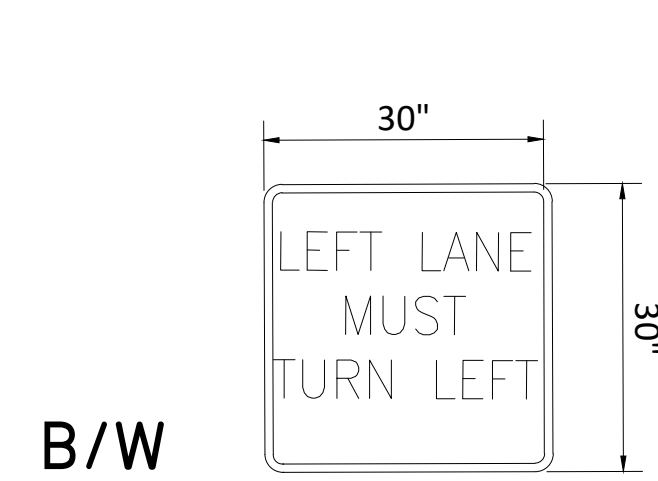
- PROPERTY LINE
- PROPOSED SIGN
- PROPOSED SHARED BICYCLE LANE MARKING
- EXISTING CONCRETE SIDEWALK OR MEDIAN
- PROPOSED 6" CONCRETE SIDEWALK/MEDIAN
- ON-STREET PARKING
- PAVEMENT ARROW
- BICYCLE LANE PAVEMENT MARKINGS
- CROSSWALK
- SOLID GREEN BIKE LANE CROSSING MARKING
- PARKING TEE
- PROPOSED CURB RAMP

DRAFT 30% - NOT FOR CONSTRUCTION

CS106

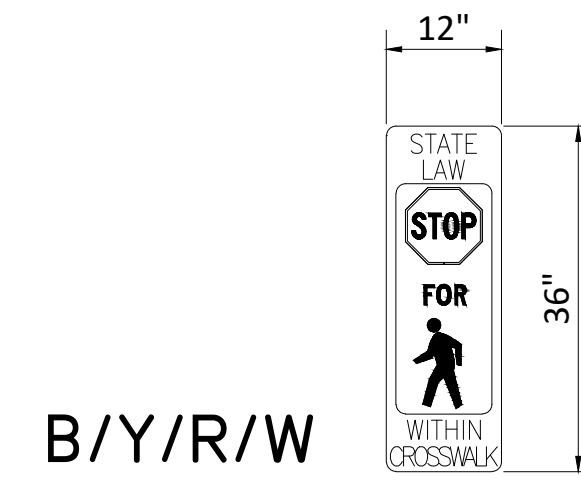
DEPARTMENT OF TRANSPORTATION SERVICES
CITY & COUNTY OF HONOLULU
TRAFFIC IMPROVEMENTS ON WAIKAMALO RD &
HOUGHTAILING ST
N NIMITZ HWY TO N SCHOOL ST
SITE AND STRIPING PLAN - 6

ENGINEER:	DATE:	06/2023
DRAFTSMAN:	CHECKED BY:	
SCALE:	TRACER:	
APPROVED:	APPROVED:	
DIRECTOR	DATE	DIVISION ENGINEER DATE



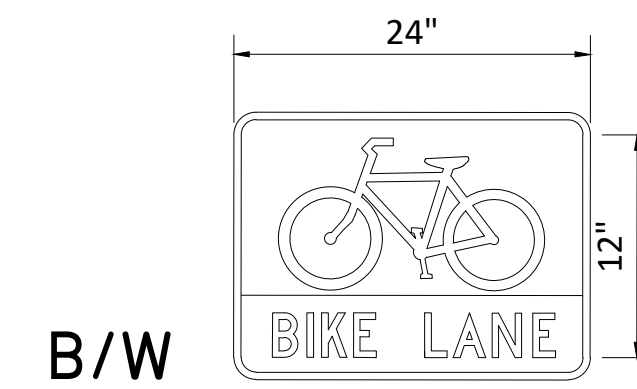
B/W

R3-7L



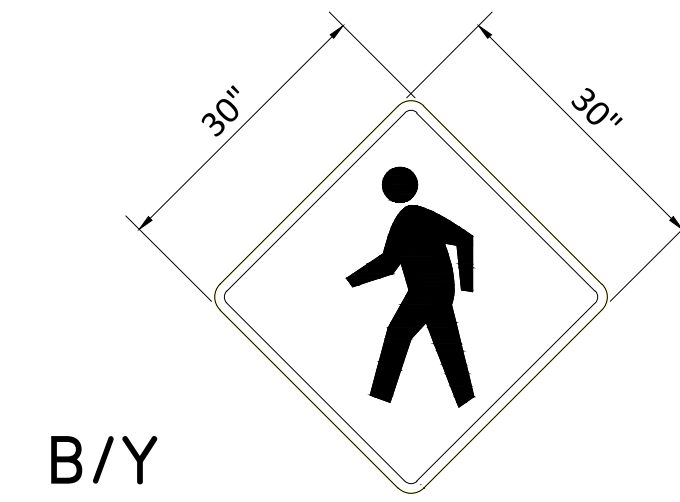
B/Y/R/W

RI-6A



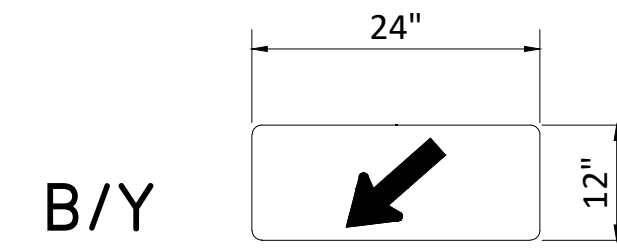
B/W

R3-17



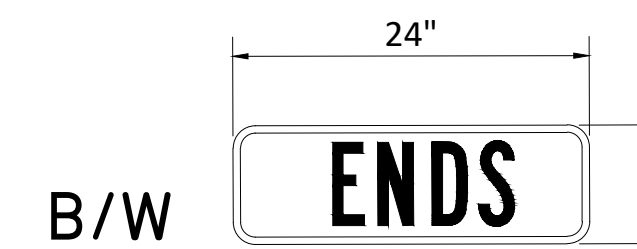
B/Y

W11-2



B/Y

W16-7P



B/W

R3-17BP

DRAFT 30% - NOT FOR CONSTRUCTION

DEPARTMENT OF TRANSPORTATION SERVICES			
CITY & COUNTY OF HONOLULU			
TRAFFIC IMPROVEMENTS ON WAIAKAMILO RD & HOUGHTAILING ST			
N NIMITZ HWY TO N SCHOOL ST			
SIGN DETAILS			
ENGINEER:	DATE:	06/2023	
DRAFTSMAN:	CHECKED BY:		
SCALE:	NTS	TRACER:	
APPROVED:	APPROVED:		
DIRECTOR:	DATE:	DIVISION ENGINEER:	DATE:

CS201