

CALL BOX GENERAL NOTES

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0900(67)R	2004	ADD. 87	109

1. The scope of work consists of providing 1) Accessible features for call boxes including demolishing existing pavement, constructing walkways, ramps and landings, reconstructing pavement, and replacing existing call boxes with new call box assemblies and 2) Providing systemwide incorporation of the replacement call boxes including providing a new maintenance computer, new digital wireless service and integration of answering operations into the existing 911 emergency dispatch system.

2. The Contractor is reminded of the requirements of Subsection 108.01 – Subletting of Contract, which requires him to perform work amounting to not less than 30 percent of the total contract cost less deductible items. Non-compliance with this Subsection may be grounds for rejection of bid.

3. The Contractor’s attention is directed to the following Sections of the Special Provisions: Subsection 107.13 – Public Convenience and Safety; Subsection 107.21 – Contractor’s Responsibility For Utility Property And Services; and Section 645 – Traffic Control.

4. At the end of each day’s work, the Contractor shall remove all equipment and other obstructions to permit free and safe passage of public traffic.

5. The existence and location of underground utilities, manholes, monuments, Buried railroad tracks, and concrete pavements, and other structures as shown on the plans are from the latest available data but the accuracy is not guaranteed. The Contractor shall make an independent check on the ground by probing and/or with the various utility companies and governmental agencies to verify the exact locations and depths of the existing utilities and obstructions. The Contractor shall exercise proper care in excavating in the area. Whenever connections of new utilities to existing utilities are shown on the plans, the Contractor shall expose the existing lines at the proposed connection to verify their location and depth prior to excavating for the new lines. The Contractor shall be held liable for any damages incurred to the existing facilities and/or improvements as a result of his operations.

6. The exact locations and limits or areas to be reconstructed shall be determined in the field by the Engineer.

7. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting paving operations.

8. The Contractor shall provide and maintain for access to and from all existing driveways, sidewalks and ADA access routes, and side streets and cross streets at all times. This work shall be considered incidental to the various contract items and will not be paid for separately.

9. Smooth riding connections shall be constructed at all limits of resurfacing, including the beginning and end of project, connecting approaches, side streets and driveways as shown on the plans and/or as directed by the Engineer.

10. Existing drainage system will be functional at all times during construction. The Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. This work shall be considered incidental to the various contract items.

11. The Contractor shall remove and dispose of all existing raised pavement marker, thermo line markings, traffic tapes, and epoxy adhesives prior to the overlaying of Asphalt Concrete Pavement, Mix No. IV and will not be paid for separately. These work items shall be considered incidental to Section 650 – Curb Ramps.

12. The Contractor shall clean and remove any accumulation of aggregates and debris along the roadside within 10 feet of the edge of pavement. This work shall be considered incidental to the various contract items.

13. Base Course for Roadway Pavement Sections shall be either Plant Mix Asphalt Concrete Base Course, Recycled Plant Mix Asphalt Concrete Base Course, or Plant Mix Glassphalt Concrete Base Course. Selection will be based on the least expensive base course alternative.

14. No material and/or equipment shall be stockpiled or otherwise stored within the highway right-of-way except at locations designated in writing and approved by the Engineer. If use of location is approved by the Engineer, the Contractor shall obtain a permit to use the property within the State Right-of-Way from the State Right-of-Way Branch at telephone no. 692-7332.

15. All saw cutting work shall be considered incidental to Section 650 – Curb Ramps.

16. Temporary bench marks indicated on the plans may fall within the new Ramps, Landing or Walkways. The Contractor shall establish new temporary benchmarks, under the supervision of a licensed surveyor, outside the limits of the new work. This work shall be considered incidental to Section 650 – Curb Ramps.

17. The Contractor shall be solely responsible for the protection of adjacent properties, utilities and existing structures from the damages due to construction. Repairing of any damage shall be at the Contractor’s own expense, to the satisfaction of the owner.

18. Removal and disposal of existing concrete, asphalt concrete pavement and any debris shall be considered incidental to Section 650 – Curb Ramps and will not be paid for separately.

19. Concrete sidewalk shall be reinforced with 6x6 W1.4xW1.4 welded wire fabric.

20. Dressing of shoulder shall consist of clearing and grubbing, grading, reshaping and compacting with suitable material the area adjacent to the improvement as shown on the plans and/or as directed by the Engineer and shall be considered incidental to walkway.

21. Provide smooth transition where new sidewalk construction meets the existing grade or sidewalk.

22. GENERAL SPECIFICATIONS
Hawaii Standard Specifications for Road, Bridge, and Public Works Construction 1994 and Special Provisions prepared for this project.

23. After the project is completed, the Contractor shall restore grades and ground cover disturbed as a result of the project to a condition equal or better than existing before such damage or injury was done.

24. Existing utilities shall remain in service and in place at all times. If relocation of the existing utilities is required by the Contract Documents or for the Contractor’s convenience, interruption of service shall be kept to a minimum and shall be done at the Contractor’s expense with the approval of the affected utility company.

25. The Contractor shall verify all dimensions and details shown on the drawings prior to the start of construction. Any discrepancy shall be immediately brought to the attention of the Engineer.

26. Construction outside the Hawaii Department of Transportation (HDOT) right-of-way and State acquired parcels are subject to approval by HDOT and the affected owner.

27. All construction work shall be done in accordance with the standards and specifications of the HDOT as amended, unless otherwise specified by the contract plans and specifications.

28. No Contractor shall perform any construction operation so as to cause falling rocks, soil or debris in any form to fall, slide or flow into existing County drainage systems, or adjoining properties, streets or natural watercourses. Should such violations occur, the Contractor may be cited and the Contractor shall immediately make all remedial actions necessary.

29. Benchmark and elev. are indicated on each Site Plan.

30. Tack coat shall be incidental to the various asphalt concrete pavement items.

31. The Contractor shall be held liable for any damages incurred to the existing landscaping as a result of his operations.

32. The Contractor shall hire a professional surveyor with a current license to practice in the State of Hawaii to establish and verify boundary lines.

33. Contractor shall notify the State construction inspector before commencement of work on any site with trees in close proximity (20’±).

34. Contractor shall comply with conditions as stated in the project NPDES Notice of General Permit Coverage (NGPC).

35. The Contractor must notify the Cadastral Section prior to removal of any State Survey Monument (Brass Disk) so that Cadastral can reference the monument prior to demolition of the existing monument. The Contractor shall bear all costs involved in restoring the State Survey Monuments which are affected by their work.
- | | |
|---------------|------|
| DESIGNED BY | DATE |
| NOTED BY | |
| CHECKED BY | |
| ORIGINAL PLAN | |
| NOTE BOOK | |
| No. | |
- 10/18/04 REVISED NOTE #1
- DATE REVISION
- BRIAN A. LOCK
LICENSED
PROFESSIONAL
ENGINEER
No. 9887-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.
WILSON OKAMOTO CORP. LIC. EXP. DATE
APRIL 30, 2006

"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".
- STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CALL BOX GENERAL NOTES

Pedestrian Facilities & ADA Compliance
at Various Locations on Maui
Fed. Aid Proj. No. CMAQ-0900(67)R

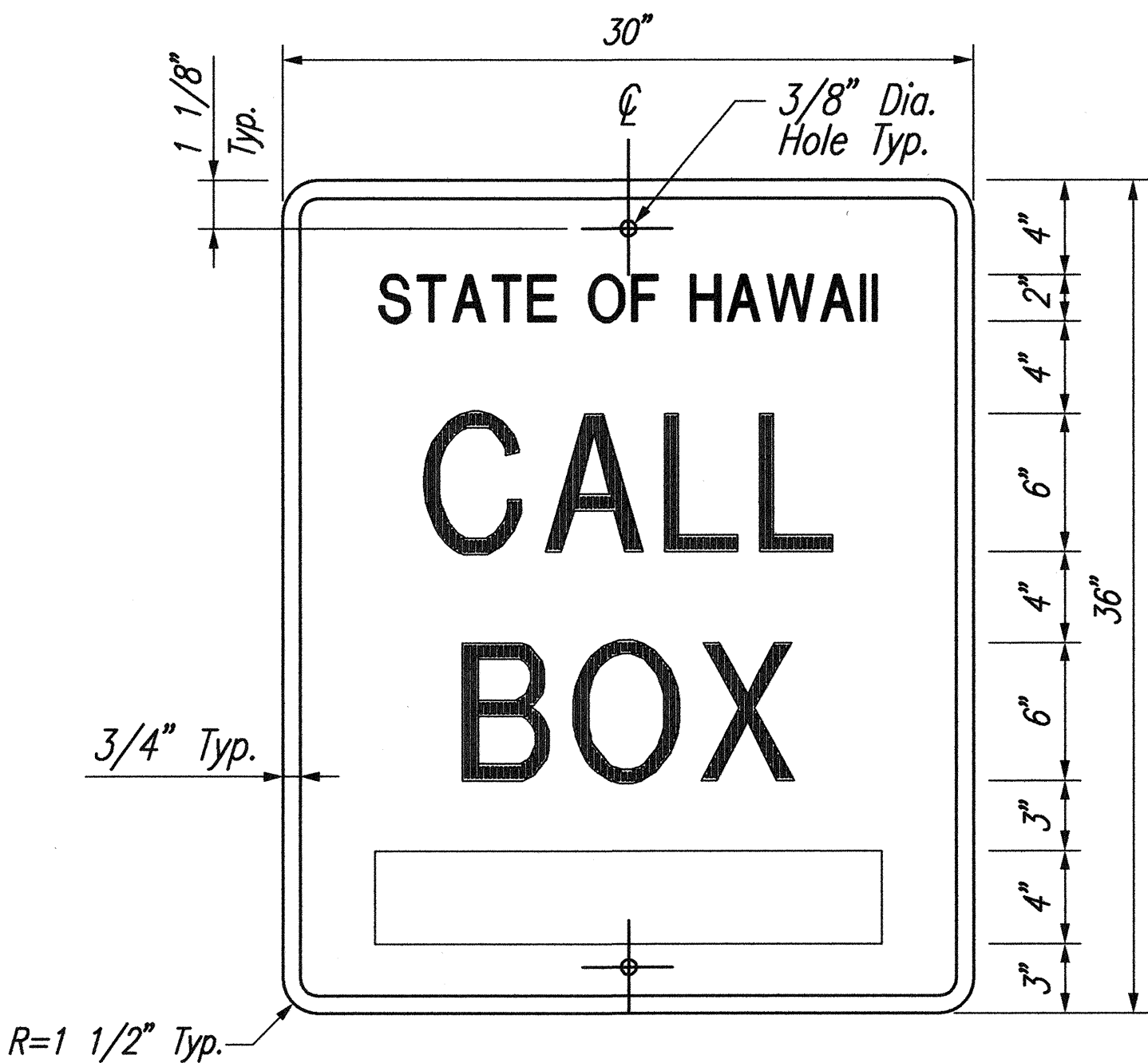
Scale: As Shown Date: August 2004

SHEET No. ET1 OF 23 SHEETS
- ADD. 87

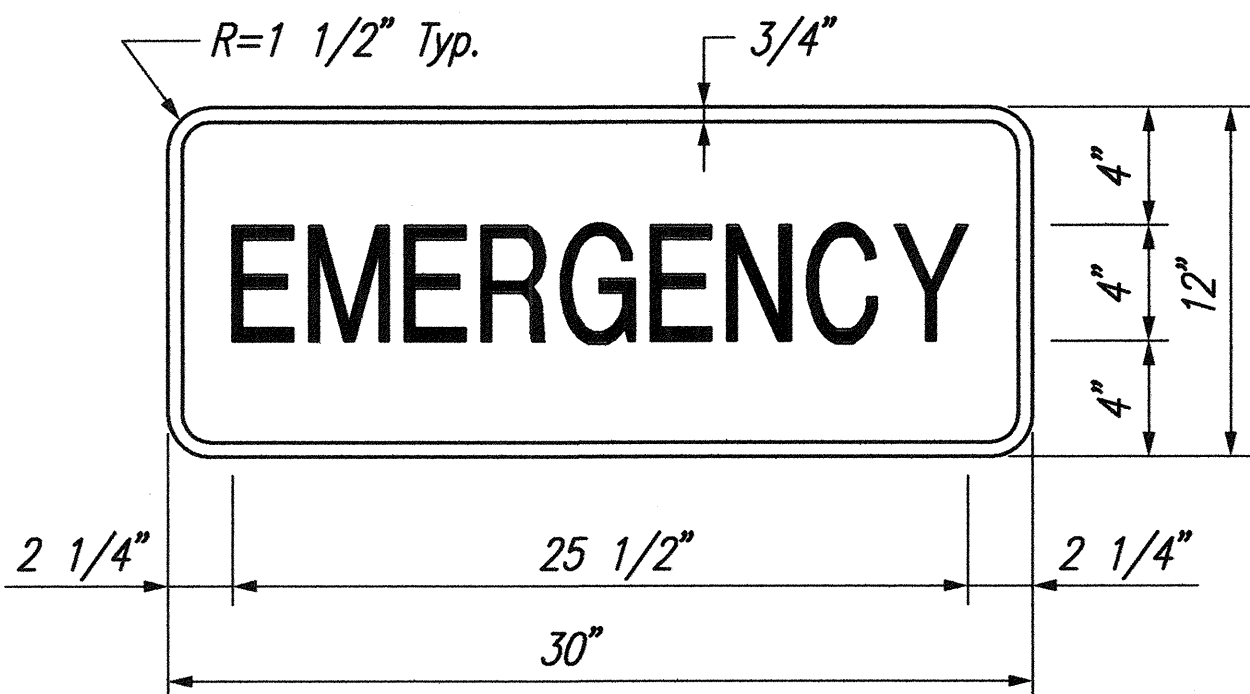
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0900(67)R	2004	88	109

CALL BOX, LANDING, RAMP AND WALKWAY NOTES

- These typical details are intended as Call Box guidelines for design and construction.
- A 2% maximum cross slope shall be maintained in the direction of pedestrian traffic.
- Subject to field conditions, the Engineer shall determine the final location of Call Boxes, Landing and Ramps.
- Transitions from ramps to gutters and roadways shall be flush.
- Walkways, Ramps and Landings shall be constructed to eliminate ponding to the maximum extent feasible.
- The maximum slopes of adjoining gutters or road surface immediately fronting the curb ramp shall not exceed 5% unless otherwise noted on the plans.
- There shall be a 60"x60" level ground surface (2% max. cross slope, both directions) for a forward or side approach, as appropriate, to a Call Box.
- All Walkways, Landing and Ramps shall be reinforced with 6x6 W1.4/W1.4 welded wire fabric. Unless otherwise noted in the plans.
- Surface of Walkways, Landings and Ramps shall be firm, stable, and slip- resistant.
- Bed course material is required for ramps, sidewalks, and landings. Unless otherwise noted on the plans.
- All Walkways shall provide a minimum clear width of 3'-0" (excluding curb) for pedestrian circulation. If this cannot be met, a minimum 32-inch clear width is allowed for a distance of 24-inches.
- Objects protruding from utility poles and walls adjacent to the walkways (i.e. wall mounted fire hydrants, telephones, meters on poles, etc.) shall be mounted to meet the current American with Disabilities Act Accessibility Guidelines (ADAAG) and will be subject to Engineer's approval.
- If a Ramp, Landing or Walkway is not constructed according to the plans, the Contractor shall reconstruct the Ramp, Landing or Walkway at no cost to the State. Construction tolerance for Portland Cement Concrete shall be based on 1/4 inch per 10 ft. (0.2%). Remedial measures will not be accepted.
- Additional information is available from:
 - American with Disabilities Act Accessibility Guidelines (ADAAG), Jan. 1998, The Access Board.
 - Accessible Rights-of-Way: A Design Guide, Nov. 1999, The Access Board.
 - Designing Sidewalks and Trails for Access, Part 1, July 1999, FHWA.
 - Designing Sidewalks and Trails for Access, Part 2, Sept. 2001, FHWA.



CALL BOX IDENTIFICATION SIGN
NOT TO SCALE



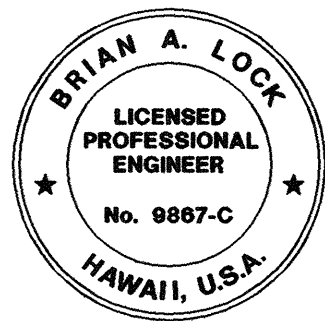
NOTES:

- Lettering shall be centered and shall be 4" SERIES C letters.
- All signs shall have white reflectorized border and legend on a blue reflectorized background.

EMERGENCY SIGN
NOT TO SCALE

NOTES:

- All lines of lettering shall be centered and shall be the following lettering size and series:
Line No. 1 - 2" SERIES C
Line No. 2 - 6" SERIES E
Line No. 3 - 6" SERIES E
- Call Box Identification Numbers shall be 4" SERIES D letters centered in the bottom position of the sign.
- All signs shall have white reflectorized border and legend on a blue reflectorized background.
- Modify hole locations to accommodate the 2' offset from edge of shoulder.



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WILSON OKAMOTO CORP. LIC. EXP. DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
CALL BOX GENERAL NOTES
AND SIGN DETAILS

Pedestrian Facilities & ADA Compliance
at Various Locations on Maui
Fed. Aid Proj. No. CMAQ-0900(67)R

Scale: As Shown Date: August 2004

SHEET No. ET2 OF 23 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0900(67)R	2004	ADD. 89	109

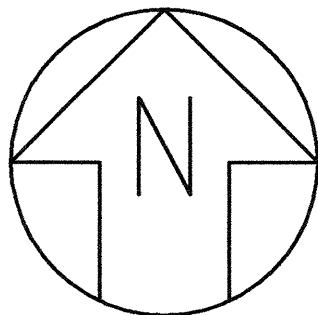
EMERGENCY TELEPHONE LOCATION	
HONOAPIILANI HIGHWAY - ROUTE 30	
M.P. 3.9	M.P. 12
M.P. 5.2, NIC	M.P. 14
M.P. 8.7	M.P. 16.3
M.P. 10	M.P. 27
M.P. 11	M.P. 28.5

PROJECT LOCATION #4
HONOAPIILANI HWY ROUTE 30

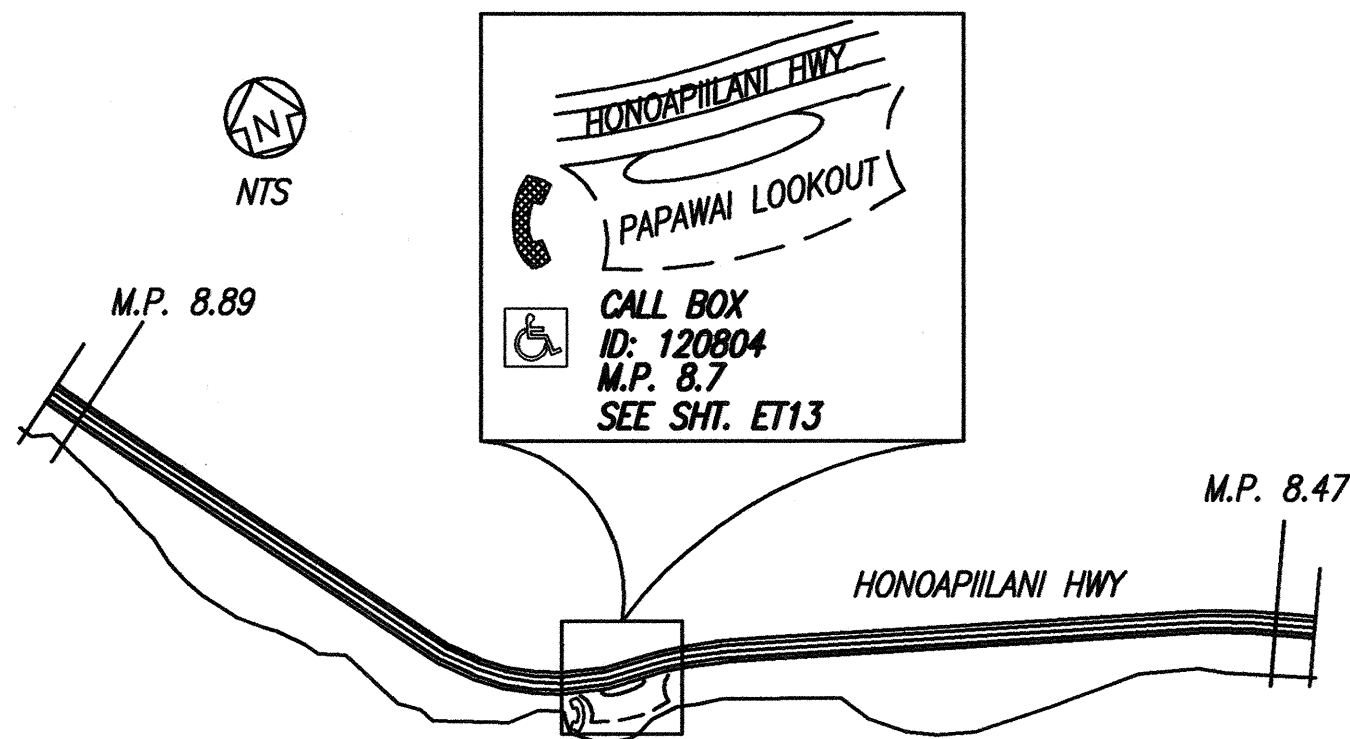
PROJECT LOCATION #3
HONOAPIILANI HWY ROUTE 30

PROJECT LOCATION #1
HONOAPIILANI HWY ROUTE 30

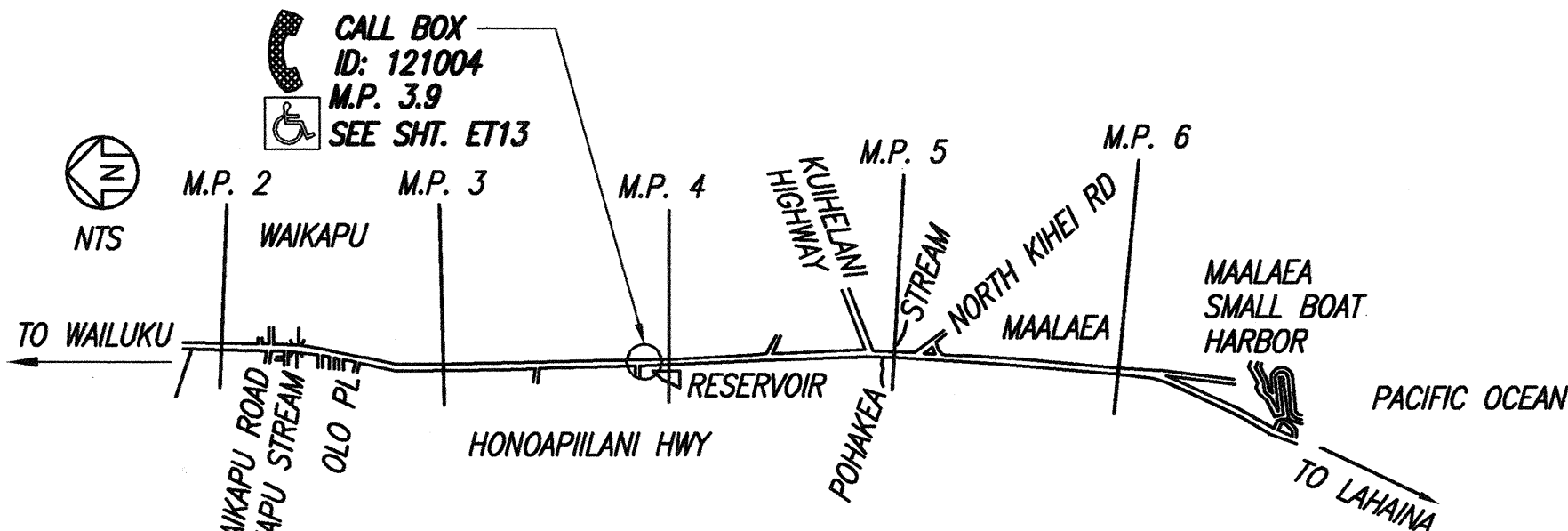
MAUI



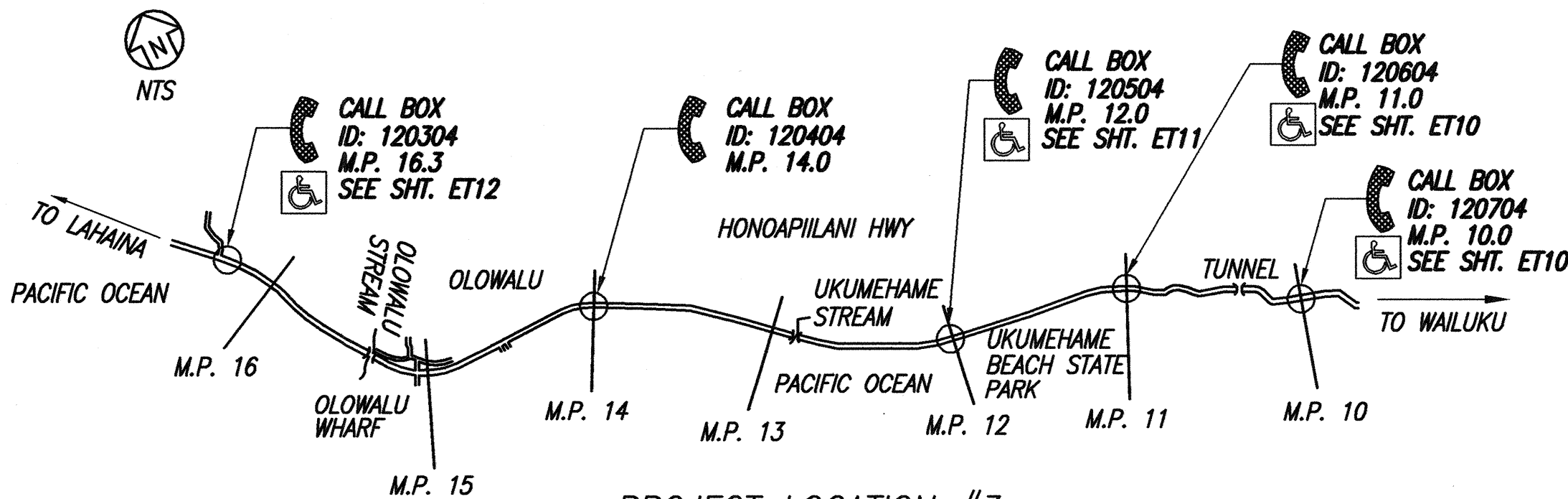
NOT TO SCALE



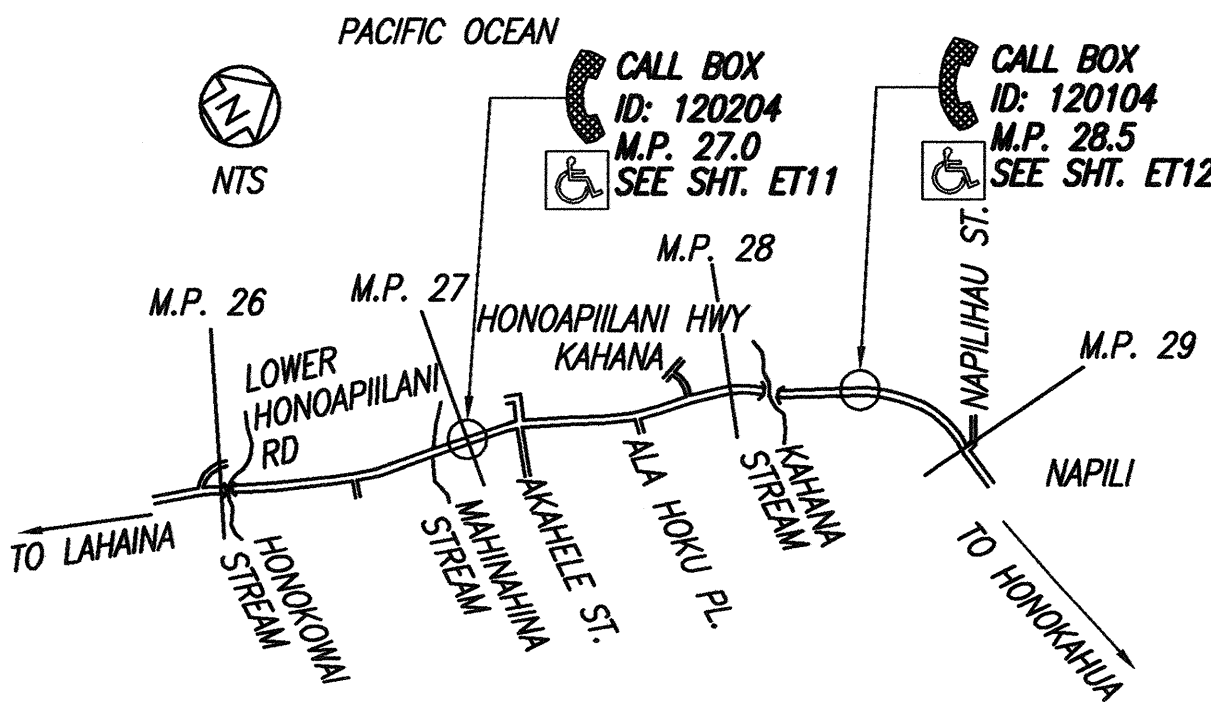
PROJECT LOCATION #1



PROJECT LOCATION #2



PROJECT LOCATION #3



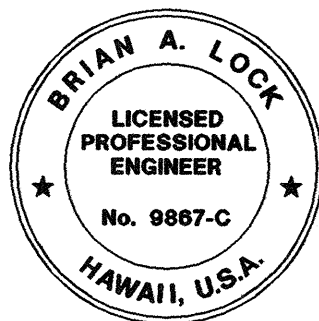
PROJECT LOCATION #4

KEY NOTES & SYMBOLS

EMERGENCY TELEPHONE LOCATION
REPLACE EXISTING CALL BOX, MOUNTING POST AND APPURTENANCES WITH NEW CALL BOX, MOUNTING POST AND APPURTENANCES ACCORDING TO SECTION 664-EMERGENCY TELEPHONES. MOUNT NEW POST TO EXISTING MOUNTING POST FOUNDATION, UNLESS OTHERWISE NOTED ON THE PLANS.

PROVIDE NEW ACCESSIBLE PATH FROM ROADSIDE TO THE CALL BOX. SEE SITE AND GRADING PLANS.

NOTE: SITE AND GRADING PLANS ONLY SHOW CALL BOX LOCATIONS REQUIRING A NEW ACCESSIBLE PATH.



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APRIL 30, 2006
WILSON OKAMOTO CORP. LIC. EXP. DATE

SURVEY PLANNED BY	DATE
DESIGNED BY	
NOTED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

HONOAPIILANI HIGHWAY - ROUTE 30
LOCATION MAP
NOT TO SCALE

10/18/2004 ADDED CALL BOXES

DATE REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
HONOAPIILANI HIGHWAY
ROUTE 30 LOCATION MAP
Pedestrian Facilities & ADA Compliance
at Various Locations on Maui
Fed. Aid Proj. No. CMAQ-0900(67)R

Scale: As Shown Date: August 2004

SHEET No. ET3 OF 23 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0900(67)R	2004	ADD. 91	109

EMERGENCY TELEPHONE LOCATION	
PIILANI HIGHWAY - ROUTE 31	
M.P. 5.6	M.P. 10.0

EMERGENCY TELEPHONE LOCATION	
WAIHEHU BEACH RD / KAHEKILI HWY - ROUTE 340	
M.P. 2.5	M.P. 5.9
M.P. 4.8	

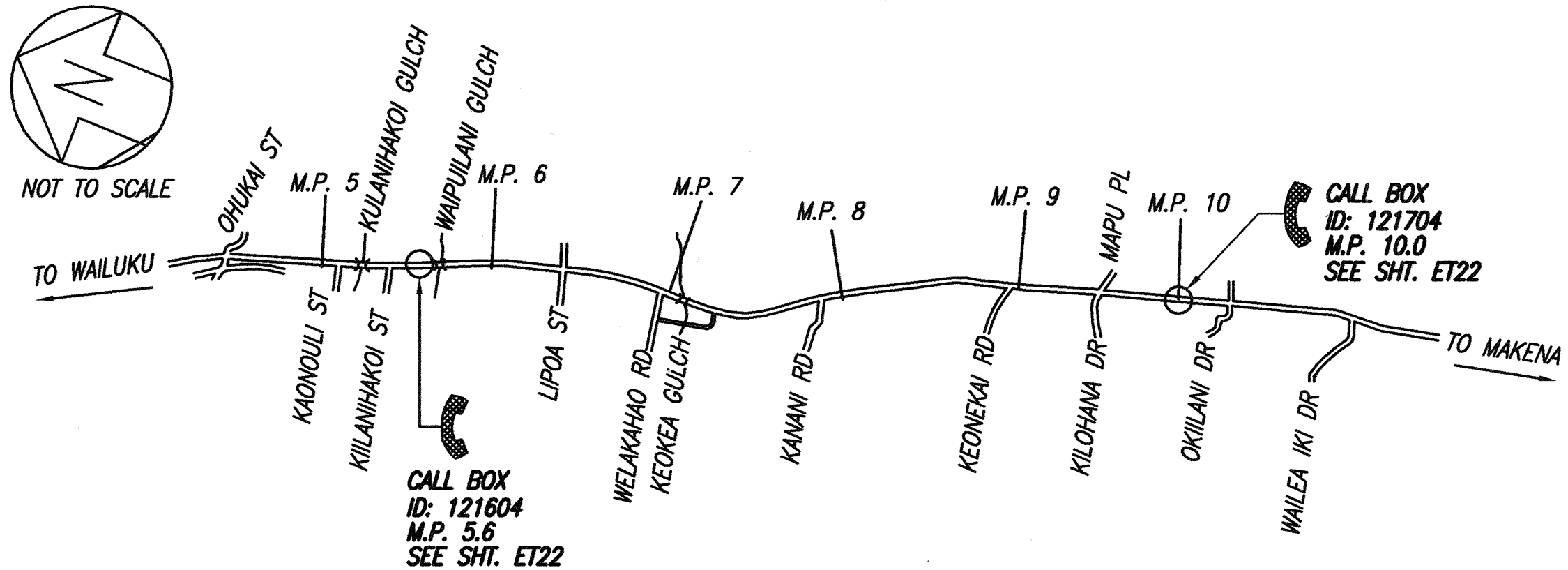
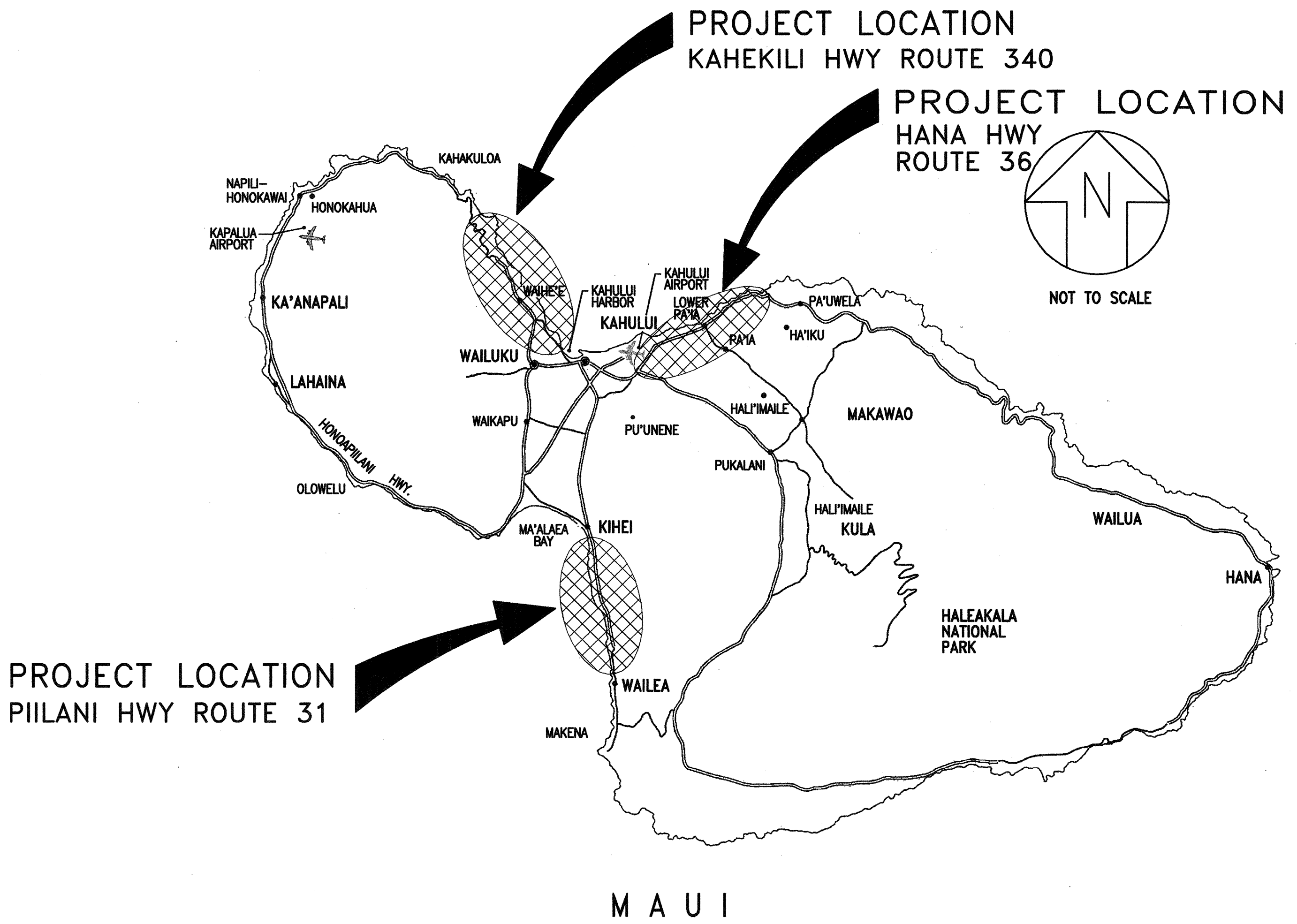
EMERGENCY TELEPHONE LOCATION	
HANA HIGHWAY - ROUTE 30	
OUTBOUND	INBOUND
M.P. 1.0	
M.P. 2.8	M.P. 9.5
	M.P. 10.1

KEY NOTES & SYMBOLS

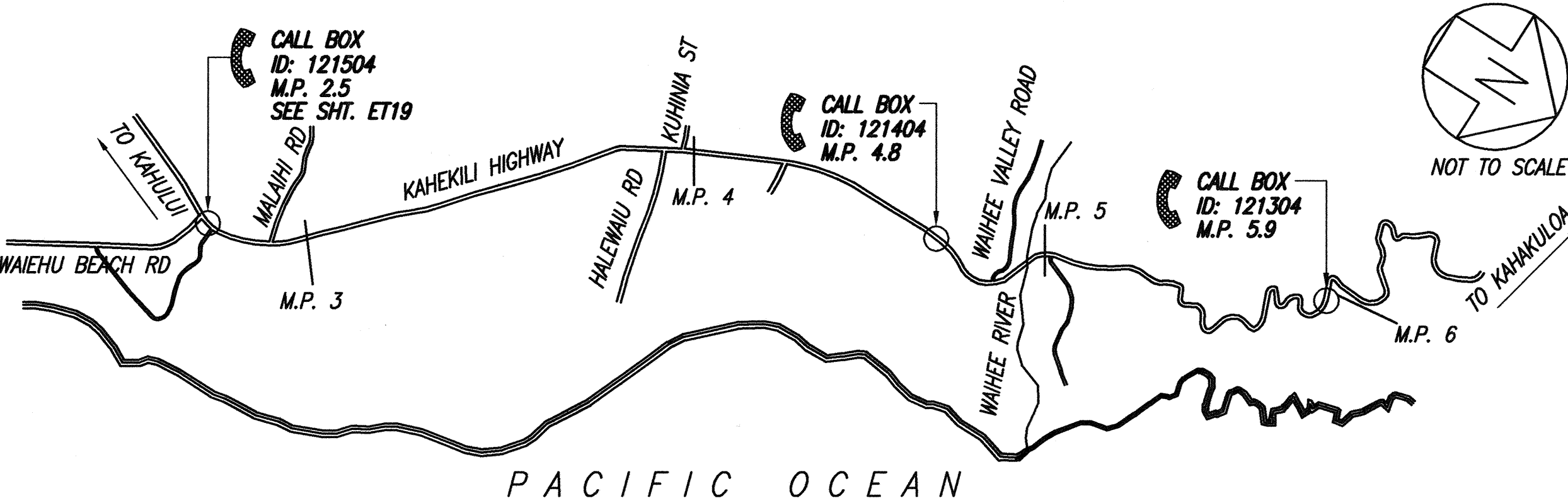
☎ EMERGENCY TELEPHONE LOCATION
REPLACE EXISTING CALL BOX, MOUNTING POST AND APPURTENANCES WITH NEW CALL BOX, MOUNTING POST AND APPURTENANCES ACCORDING TO SECTION 664-EMERGENCY TELEPHONES. MOUNT NEW POST TO EXISTING MOUNTING POST FOUNDATION, UNLESS OTHERWISE NOTED ON THE PLANS.

♿ PROVIDE NEW ACCESSIBLE PATH FROM ROADSIDE TO THE CALL BOX. SEE SITE AND GRADING PLANS.

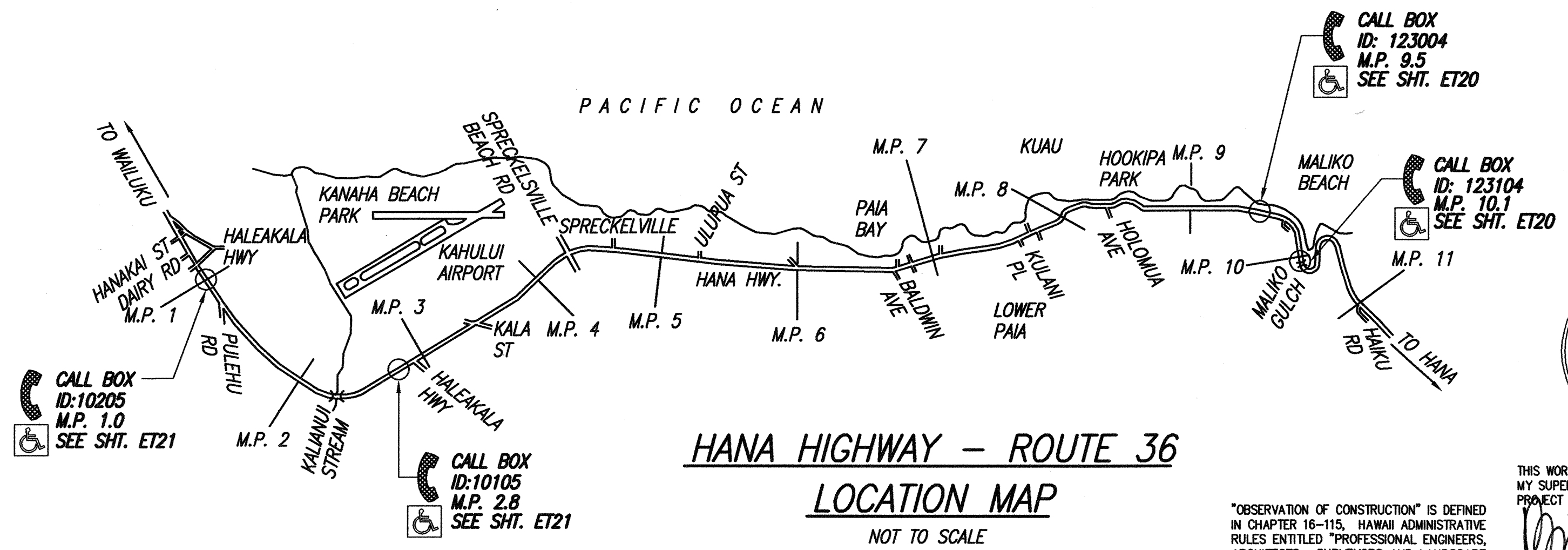
NOTE: SITE AND GRADING PLANS ONLY SHOW CALL BOX LOCATIONS REQUIRING A NEW ACCESSIBLE PATH.



PIILANI HIGHWAY - ROUTE 31
LOCATION MAP
NOT TO SCALE

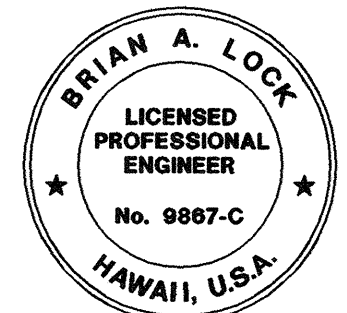


WAIHEHU BEACH ROAD / KAHEKILI HIGHWAY - ROUTE 340
LOCATION MAP
NOT TO SCALE



HANA HIGHWAY - ROUTE 36
LOCATION MAP
NOT TO SCALE

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
ORIGINAL PLAN	
NO. 1	



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

WILSON OKAMOTO CORP. LIC. EXP. DATE APRIL 30, 2006

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**PIILANI HWY., KAHEKILI HWY.
& HANA HWY. LOCATION MAP**

*Pedestrian Facilities & ADA Compliance
at Various Locations on Maui*

Fed. Aid Proj. No. CMAQ-0900(67)R

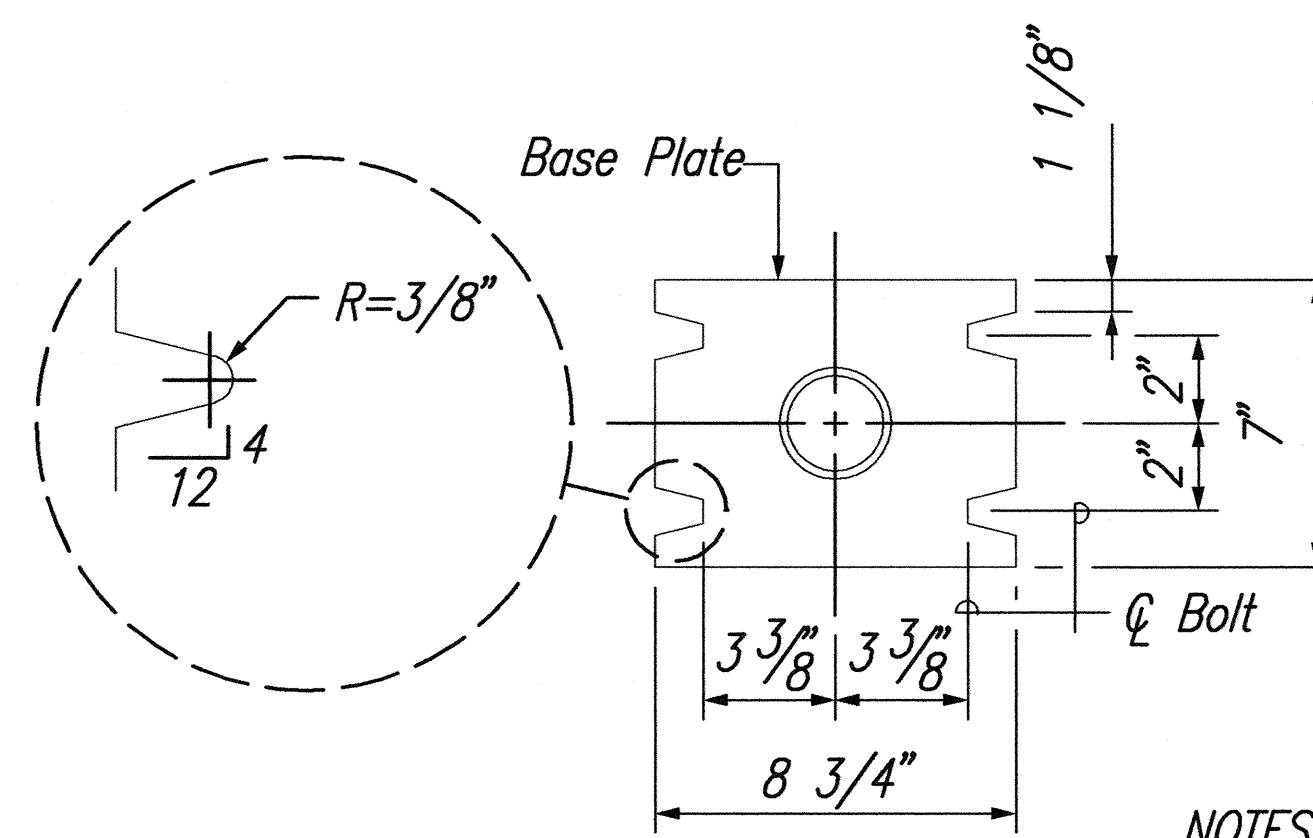
Scale: As Shown Date: August 2004

SHEET No. ET5 OF 23 SHEETS

10/18/04	ADDED CALL BOXES
DATE	REVISION

GENERAL NOTES:

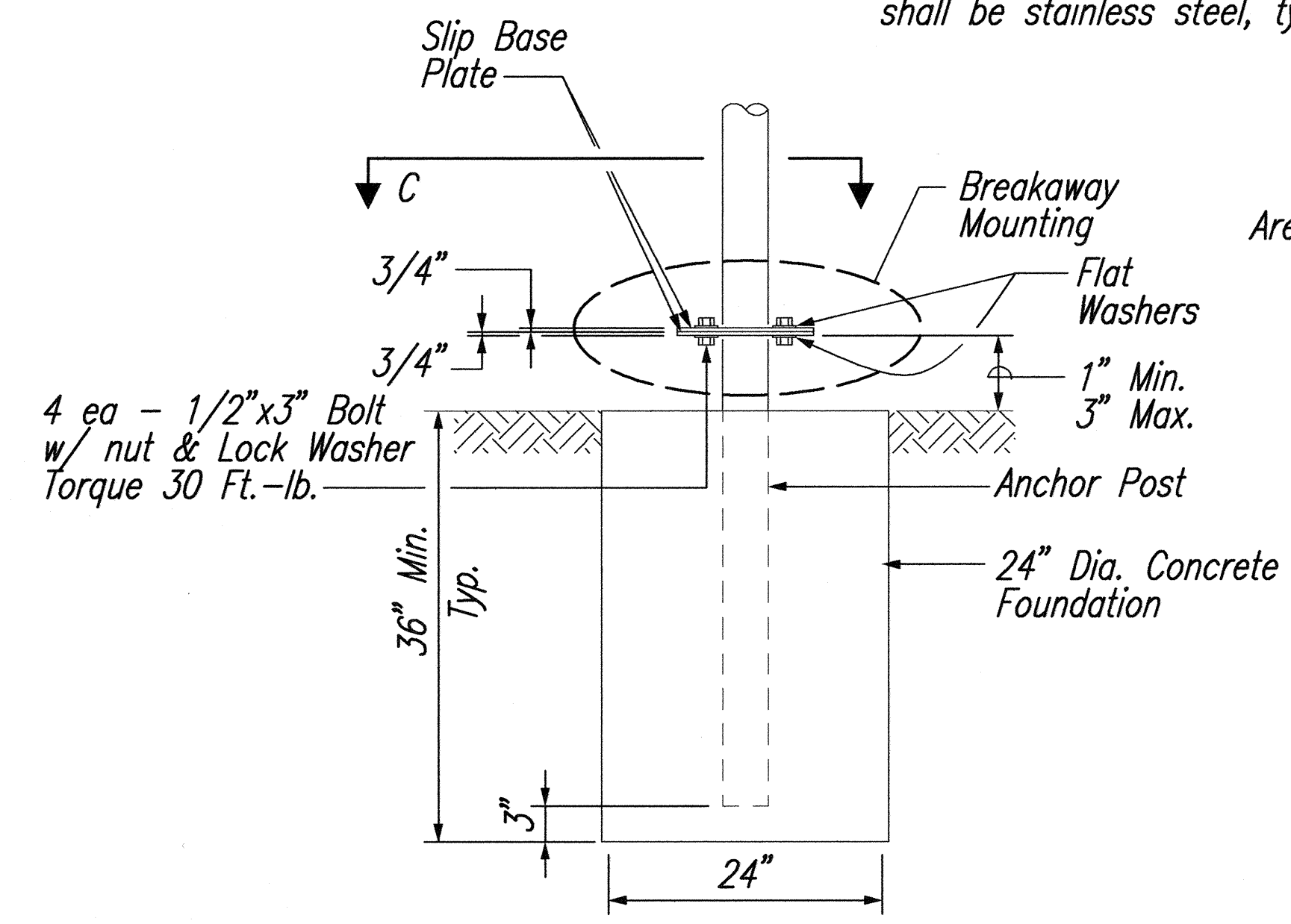
1. Walkway from pedestrian pad to edge of shoulder shall not exceed a maximum slope of 5:1.
2. If walkway from pedestrian pad to edge of shoulder exceeds the maximum slope of 20:1, a accessible ramp shall be constructed.
3. Where new work conflicts with the existing sprinkler system the contractor shall restore the sprinkler system to match the existing condition or better, incidental to the various contract items. The Contractor shall coordinate with HWY-OM for relocation and restoration of existing sprinkler system.
4. Transition A.C. Pavement incidental to Sections 312 and 401.
5. Landscaping, inclusive of Planting Soil and Hydromulch Seeding paid under Section 617 and 641, respectively.



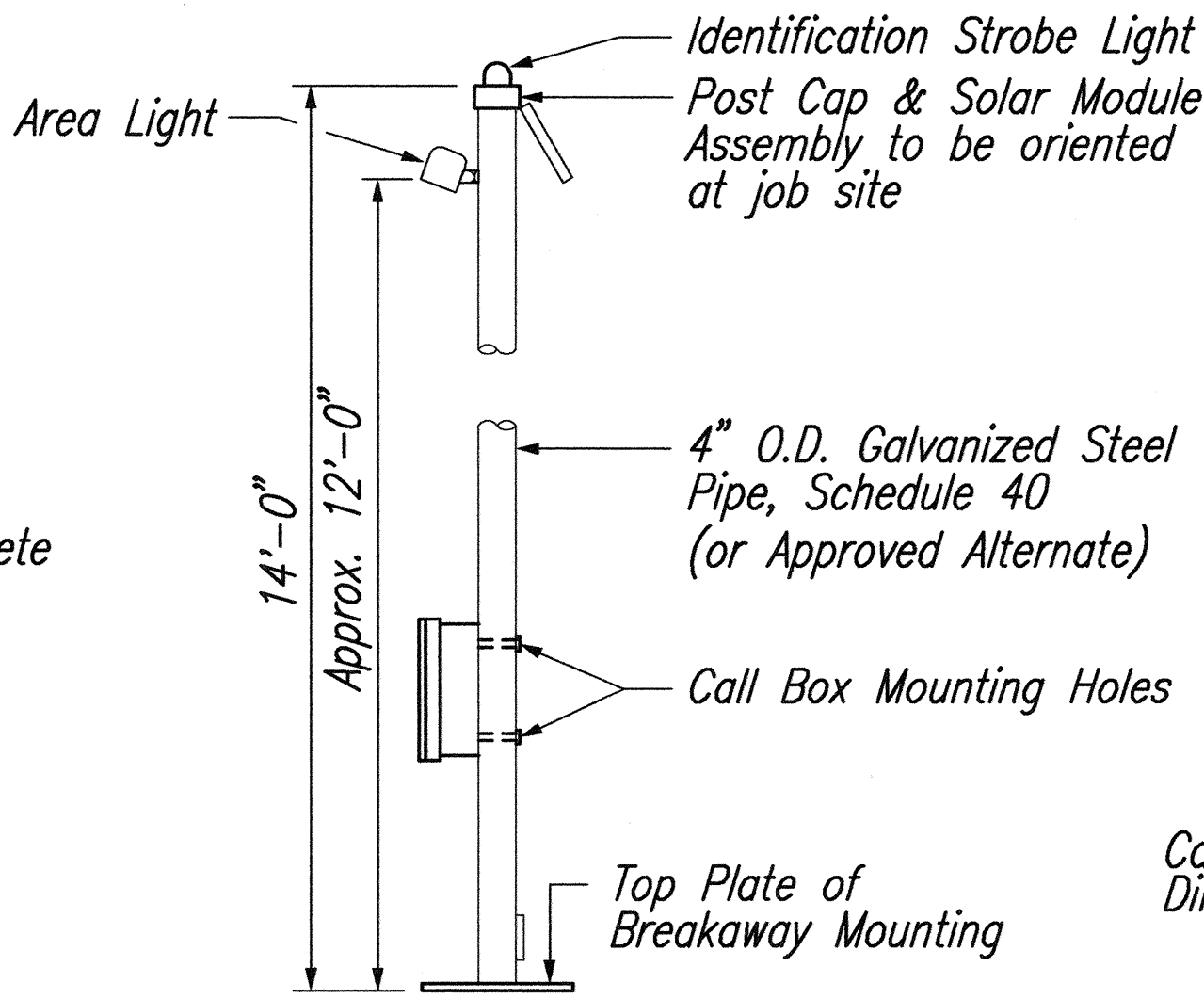
SECTION C

NOTES:

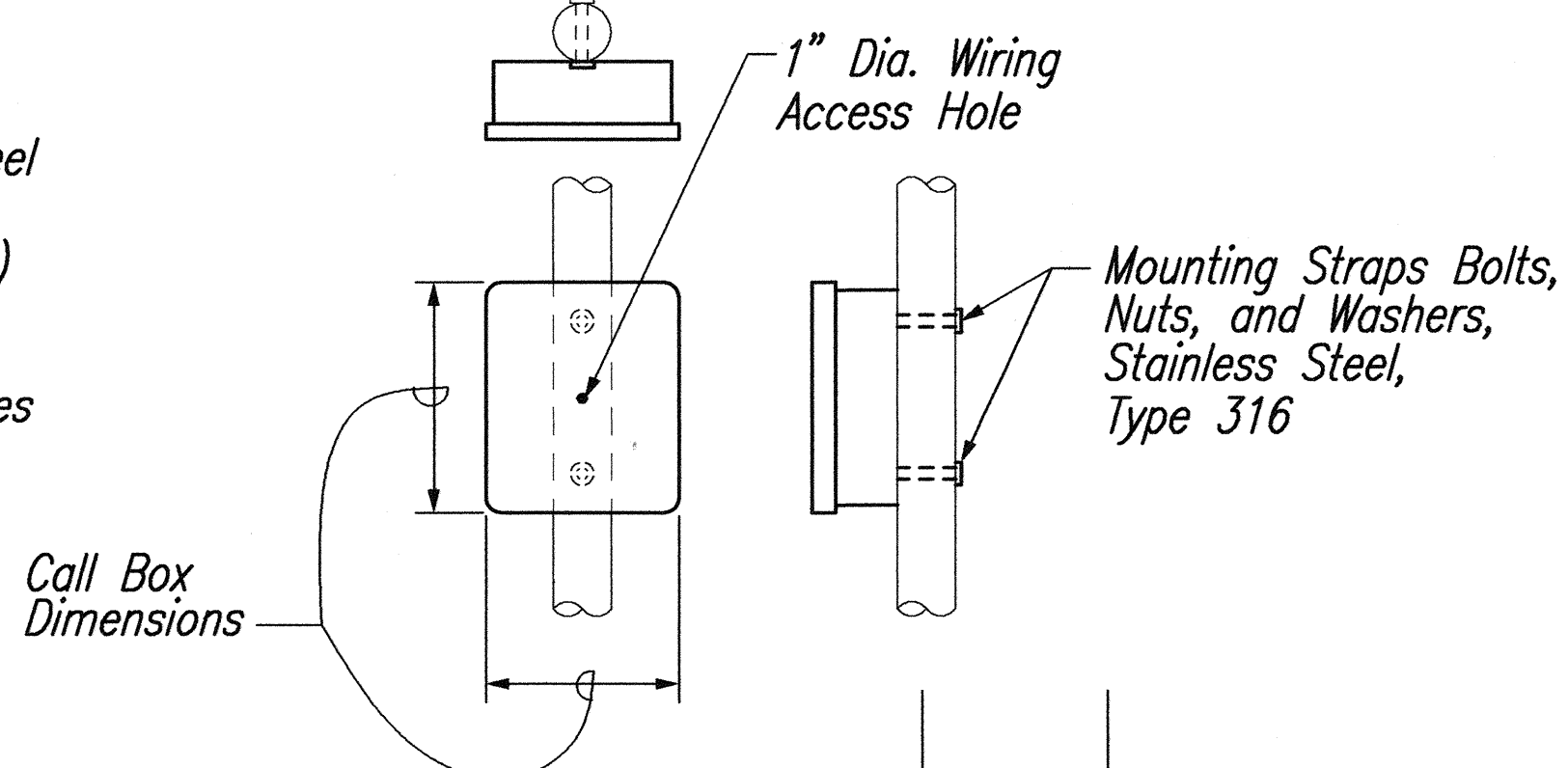
1. Foundation shall be Class B concrete placed against undisturbed material.
2. Backfill shall be complete, and adjacent surface improvements prepared prior to erection of the post.
3. Nuts, bolts, washers and other appertenances shall be stainless steel, type 316.



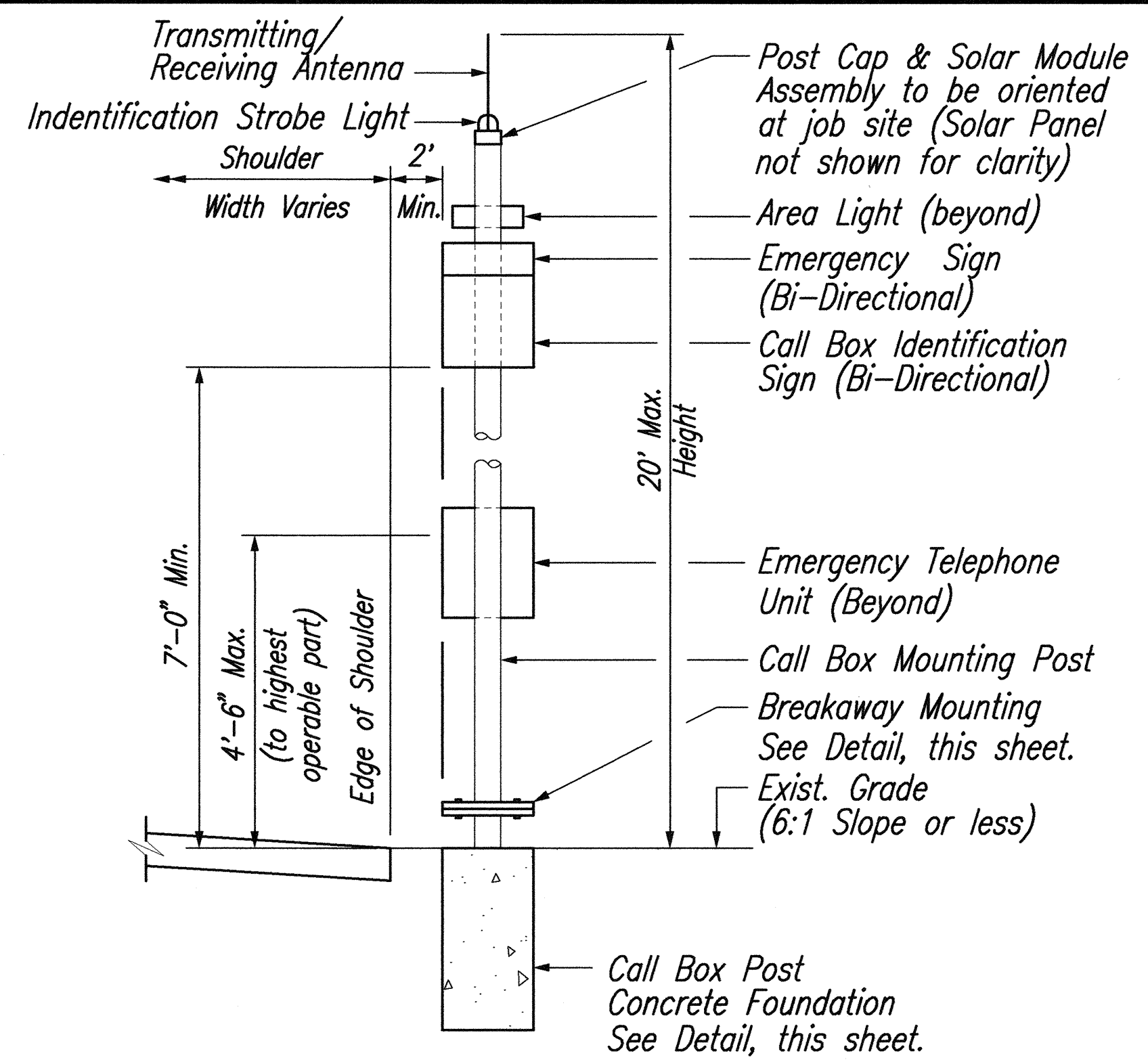
CALL BOX POST CONCRETE FOUNDATION WITH BREAKAWAY MOUNTING
SCALE 1"=1'-0"



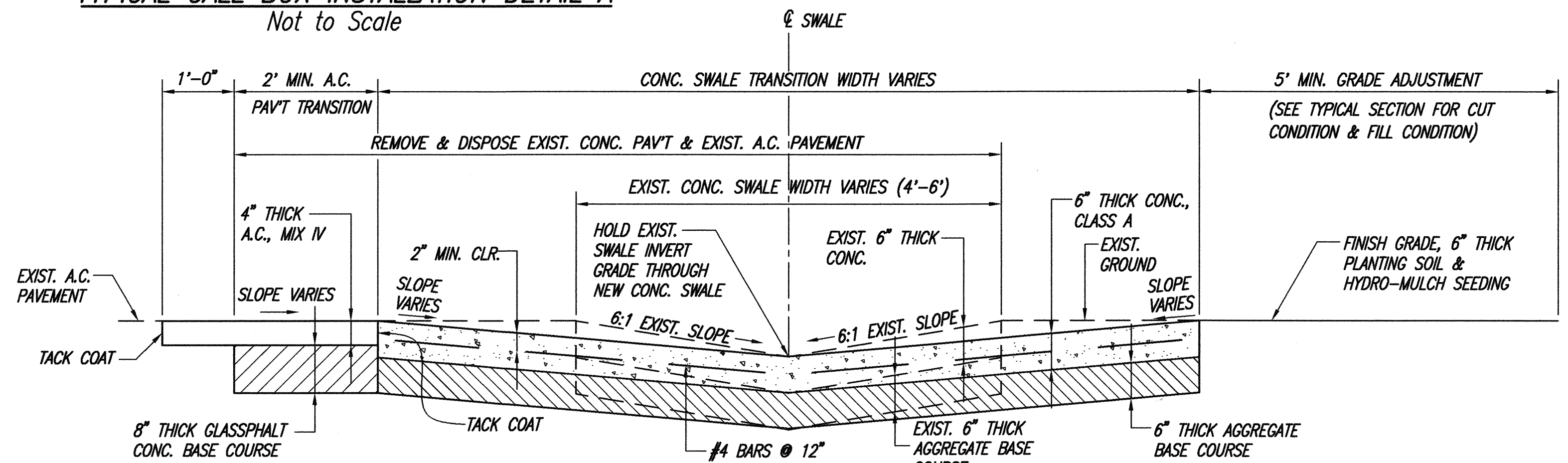
CALL BOX MOUNTING POLE, TYPICAL
Not to Scale



CALL BOX MOUNTING, TYPICAL
SCALE 1"=1'-0"



TYPICAL CALL BOX INSTALLATION DETAIL A
Not to Scale



TYPICAL SECTION - CONCRETE SWALE TRANSITION
SCALE: 3/4"=1'-0"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0900(67)R	2004	ADD. 92	109

LEGEND

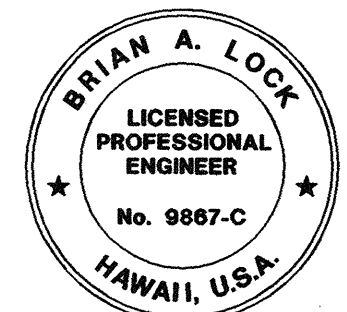
- Emergency Telephones
- New Conc.
- New A.C.
- Exist. Conc. Landing
- Existing A.C. Landing
- New Slope
- Existing Slope
- Elevation
- Existing Condition

NOTES:

1. Wiring between Solar Panel and Antenna to the Call Box shall be pulled into the Post and shall be shielded, grounded cable.
2. For Emergency Telephone orientation, see Grading Plans.
3. Contractor will adjust any existing call boxes, remaining in use, wherever necessary to ensure that the highest operable part of the Call Box is within 4'-6" of ground level. (Incidental to the various contract items).

DATE	DATE
DESIGNED BY	DESIGNED BY
CHECKED BY	CHECKED BY
NOTED BY	NOTED BY
INCHES	INCHES

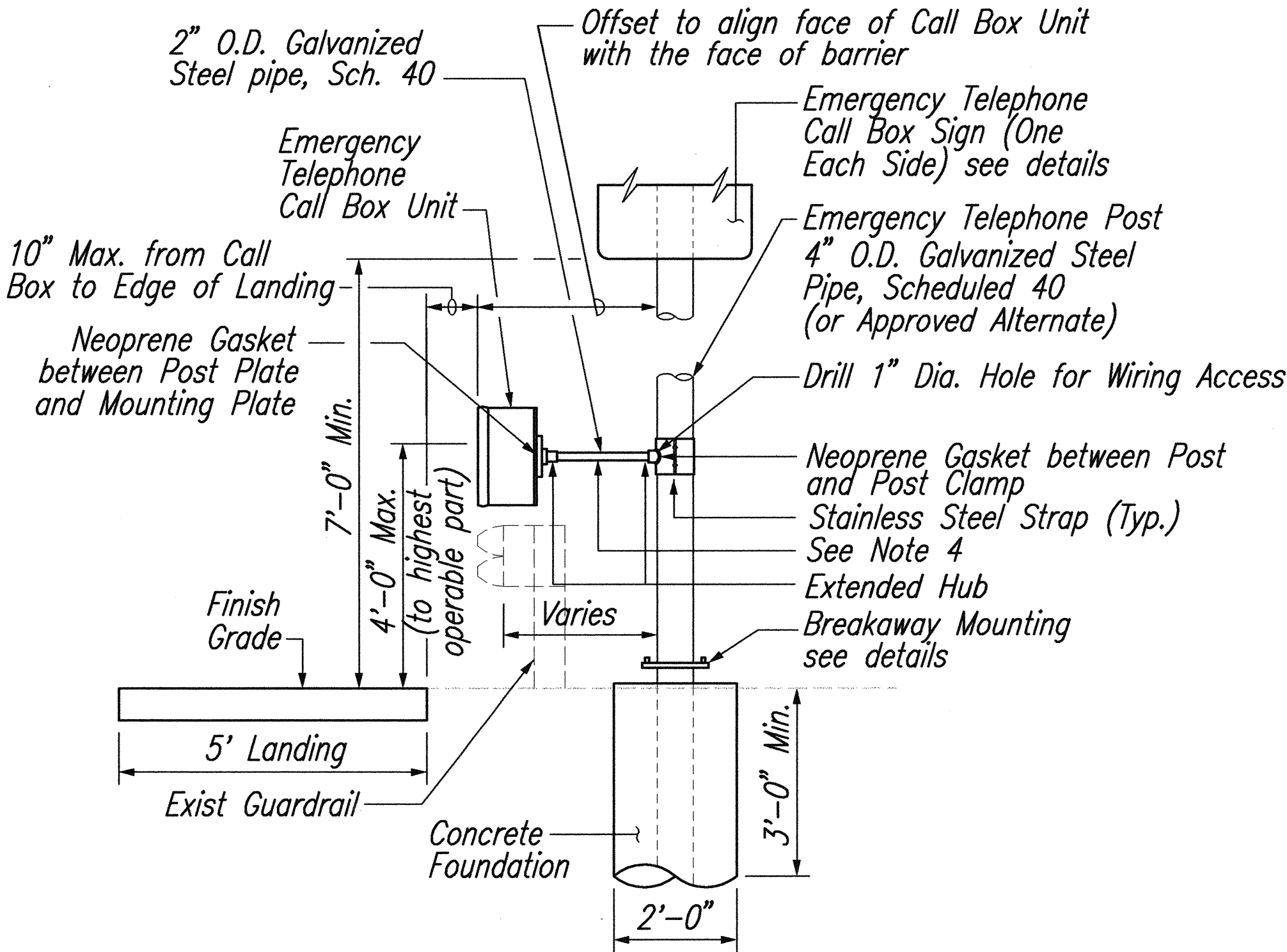
NOTE: CONC. SWALE TRANSITION PAID UNDER ITEM 609.1500 CONC. THRU-GUTTER.



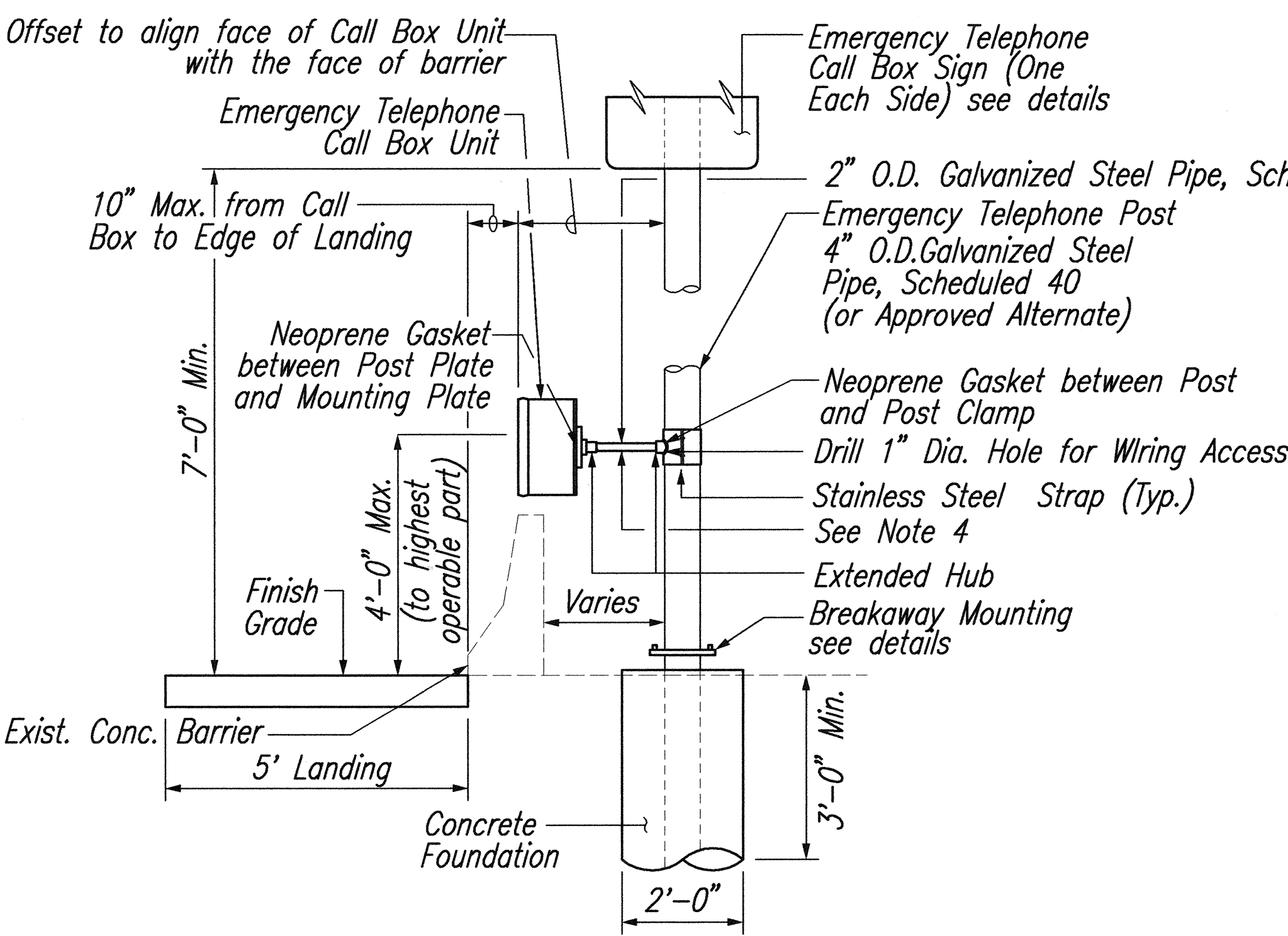
"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
GENERAL NOTES, LEGEND & TYP.
CALL BOX INSTALLATION DETAIL
Pedestrian Facilities & ADA Compliance
at Various Locations on Maui
Fed. Aid Proj. No. CMAQ-0900(67)R
Scale: As Shown Date: August 2004
SHEET No. ET6 OF 23 SHEETS

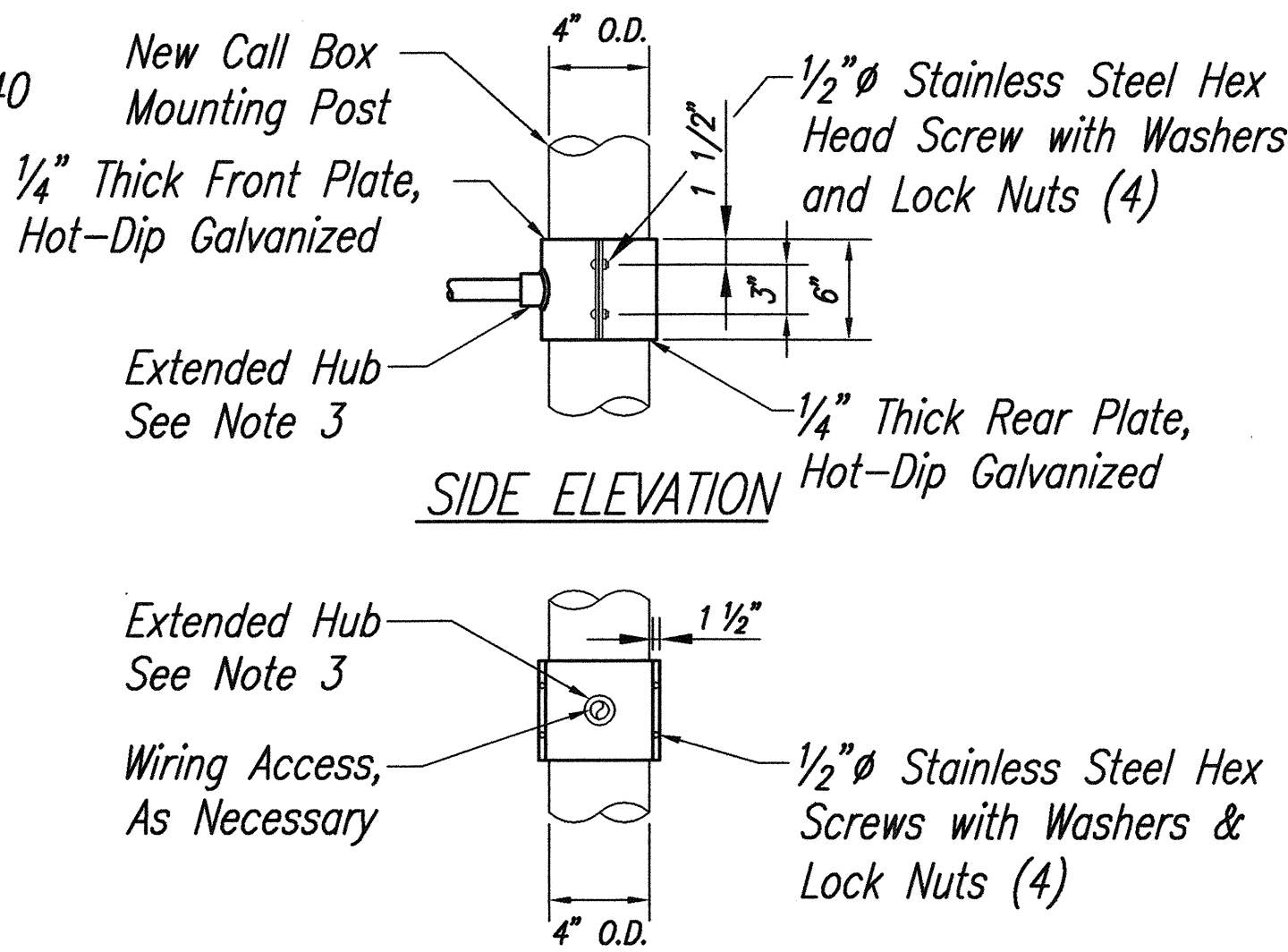
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0900(67)R	2004	ADD. 93	109



BEHIND METAL GUARDRAIL



BEHIND CONCRETE BARRIER



EXTENSION ARM POST CLAMP

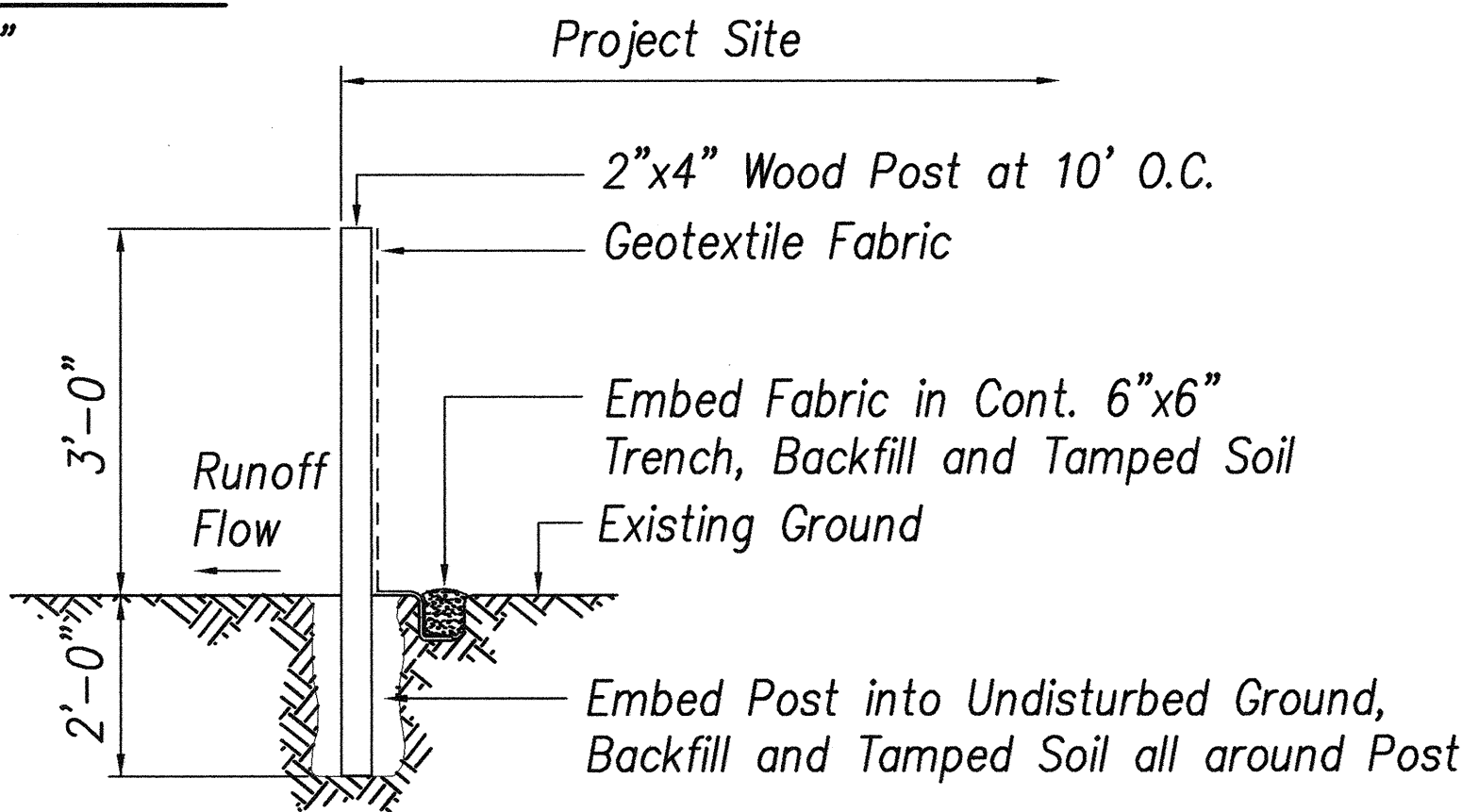
NOT TO SCALE

NOTES:

1. Typical installation for behind metal and concrete barrier rail are similar
2. Hot Dip Galvanized Post Clamp after fabrication. Post Clamp shall be snug around Mounting Post & shall not easily slide up & down or rotate.
3. Lock conduits to hub with internal hex set. Screw or tack weld prior to hot dip galvanizing.
4. Adjust pipe length as required to fit location.
5. Install with 1/4" stainless steel countersink screws, washers and locknuts.
6. 10" max. from Call Box to edge of landing.

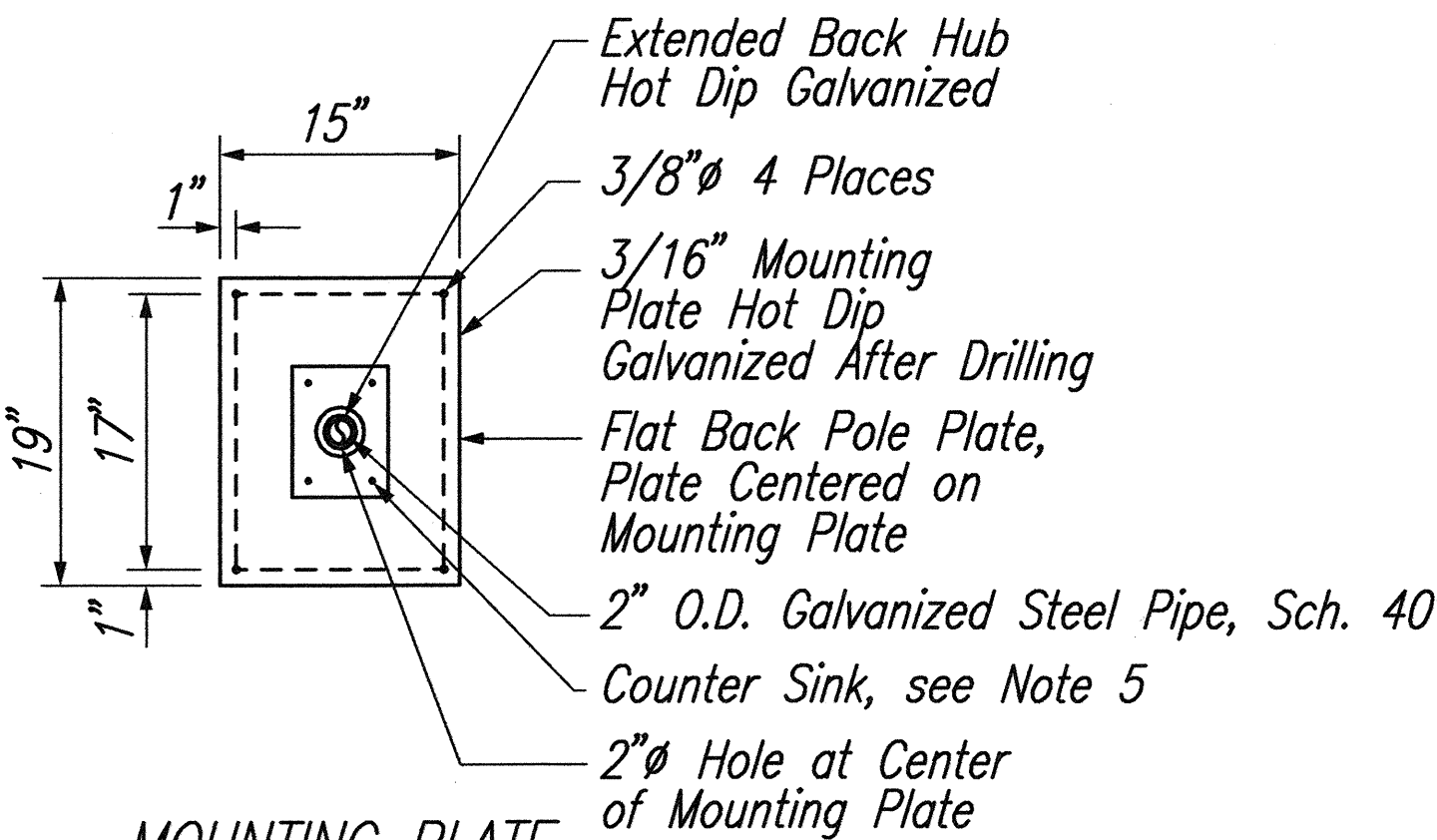
TYPICAL EXTENSION ARM DETAIL

SCALE 1/2"=1'-0"



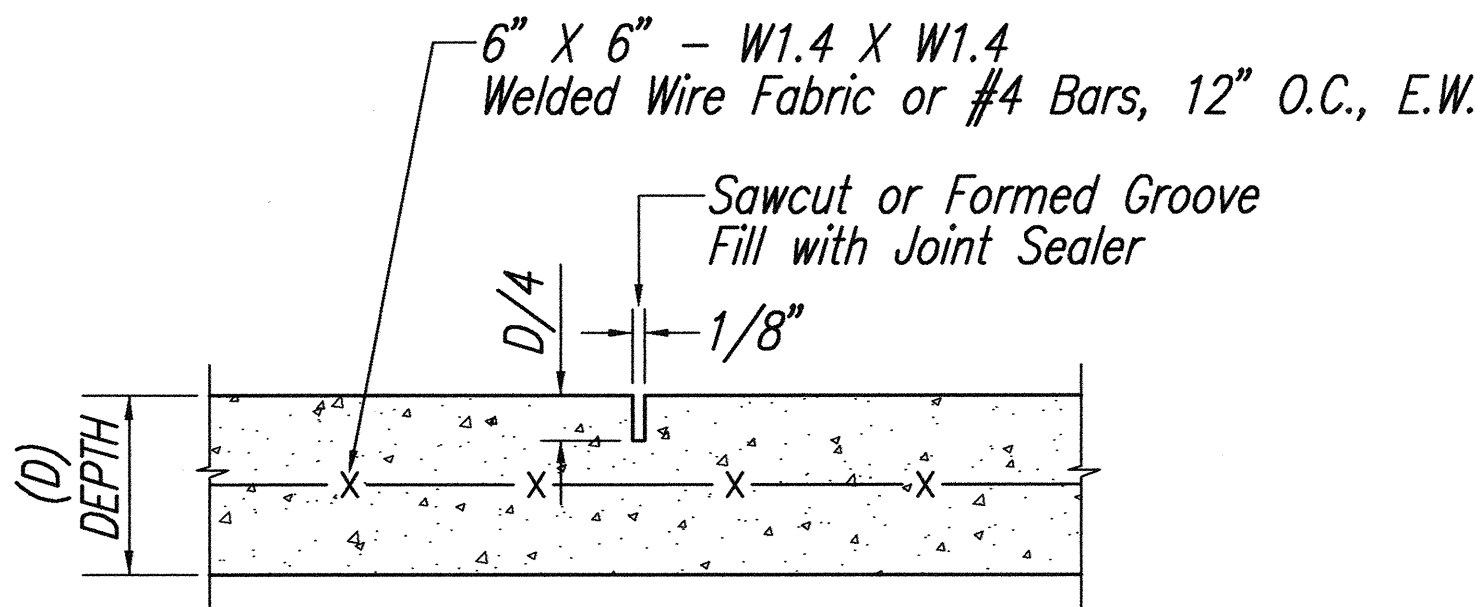
TEMPORARY SILT FENCE DETAIL

NOT TO SCALE



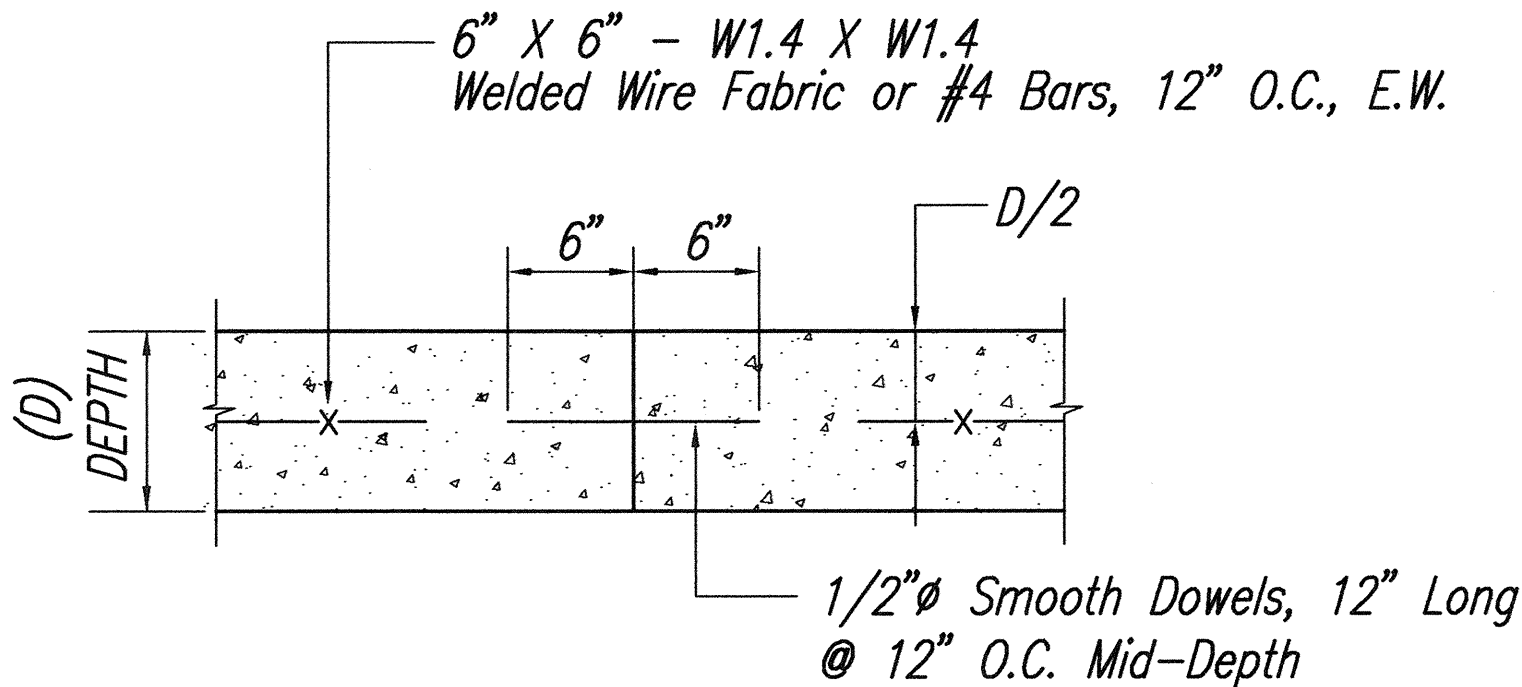
MOUNTING PLATE

Not to Scale



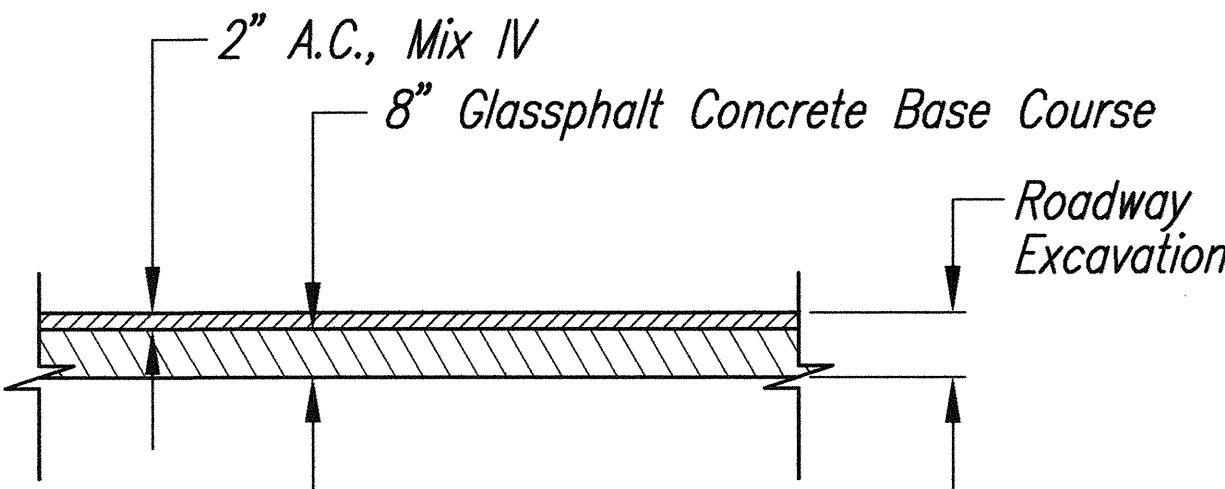
TYPICAL SECTION - CONTRACTION JOINT

NOT TO SCALE



TYPICAL SECTION - CONSTRUCTION JOINT

NOT TO SCALE



NEW PAVEMENT STRUCTURE (TRAVELWAY/SHOULDER)

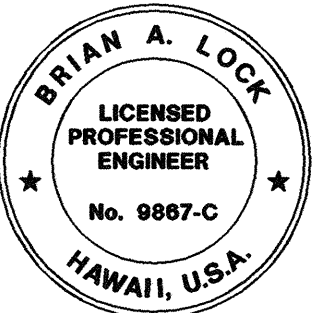
SCALE 1/2"=1'-0"

DESIGNED BY	DATE
CHECKED BY	
NOTED BY	
ORIGINAL PLAN	
NO.	

10/18/04 REVISED CALLOUTS AND DETAILS

DATE

REVISION

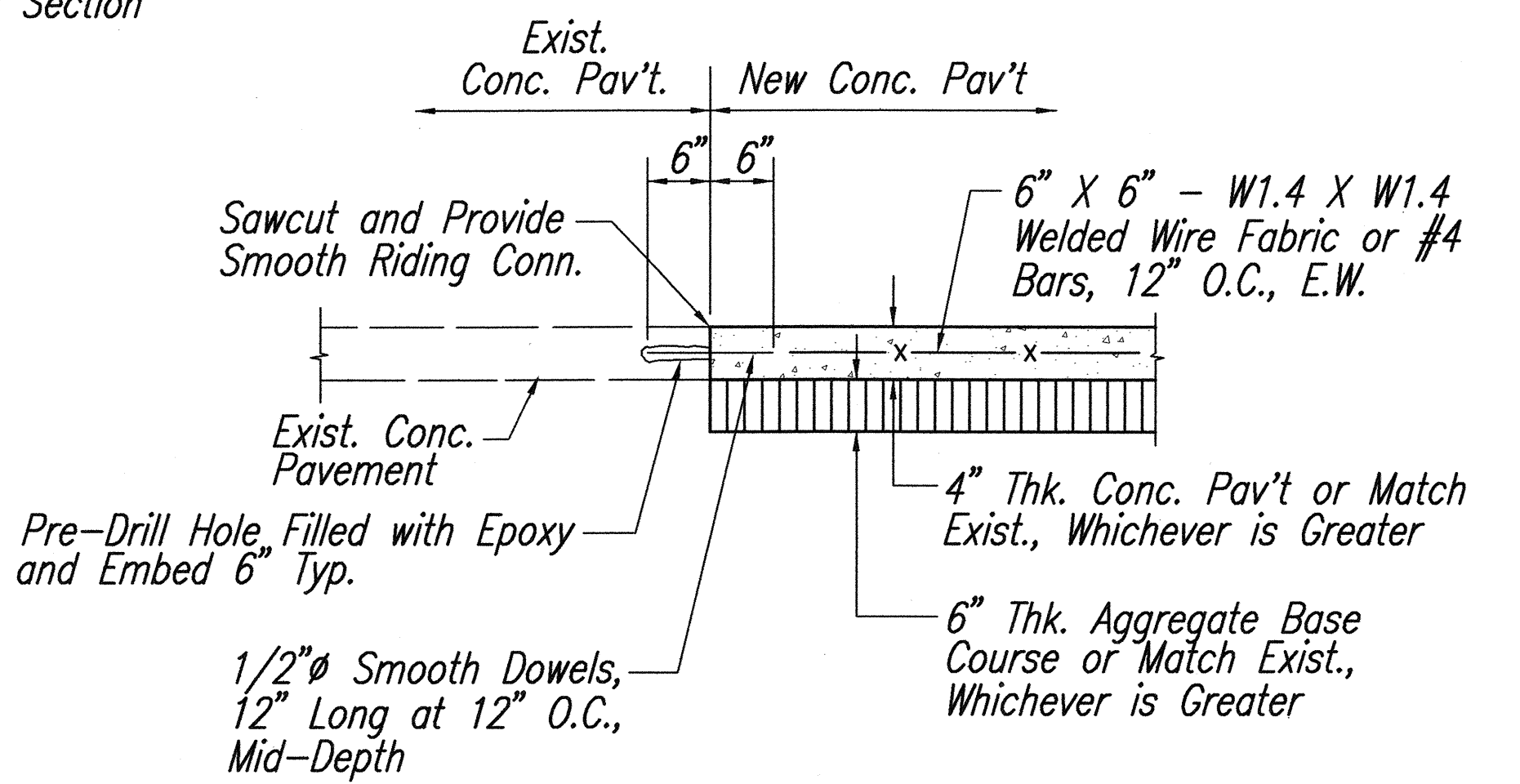
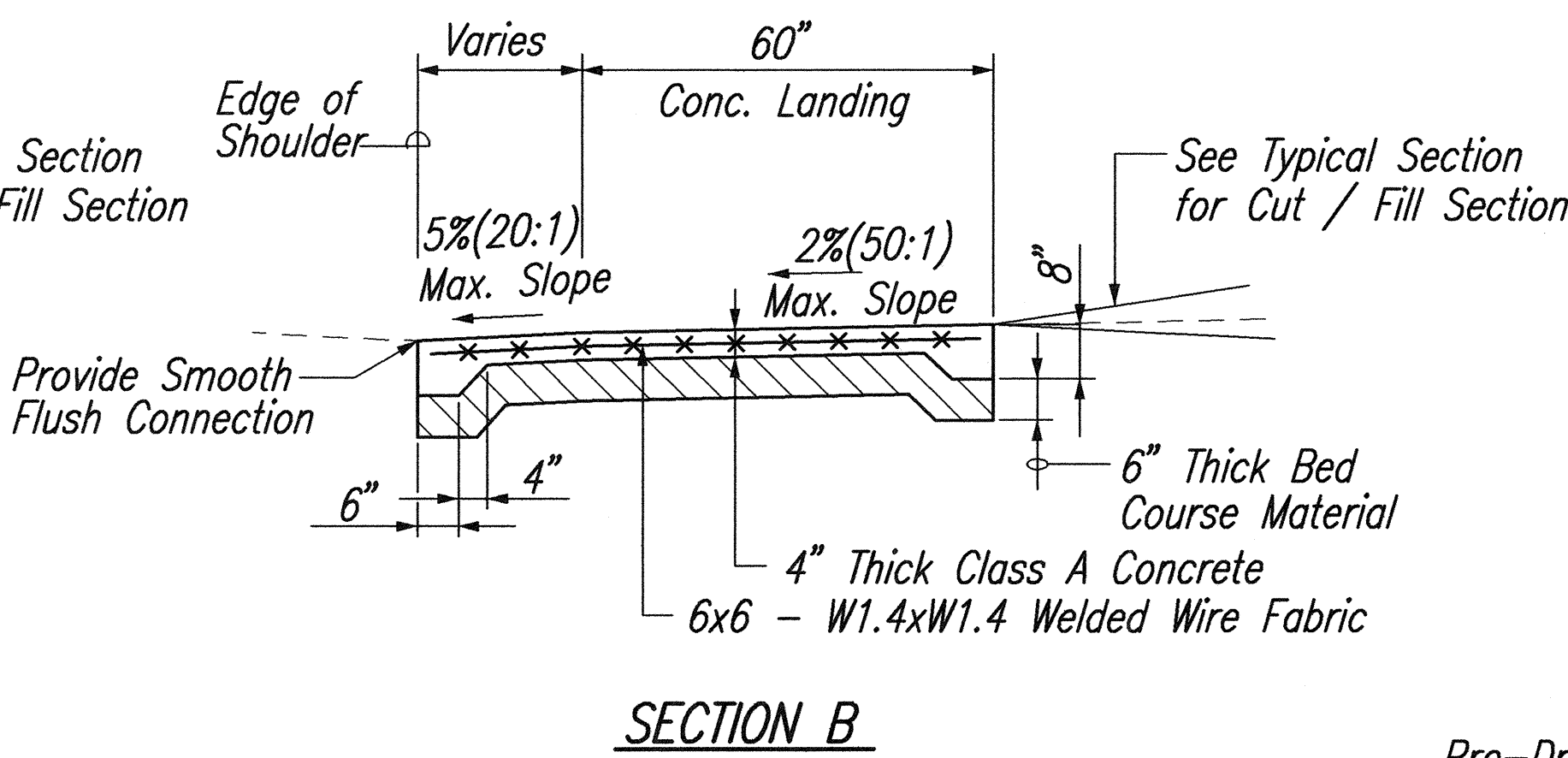
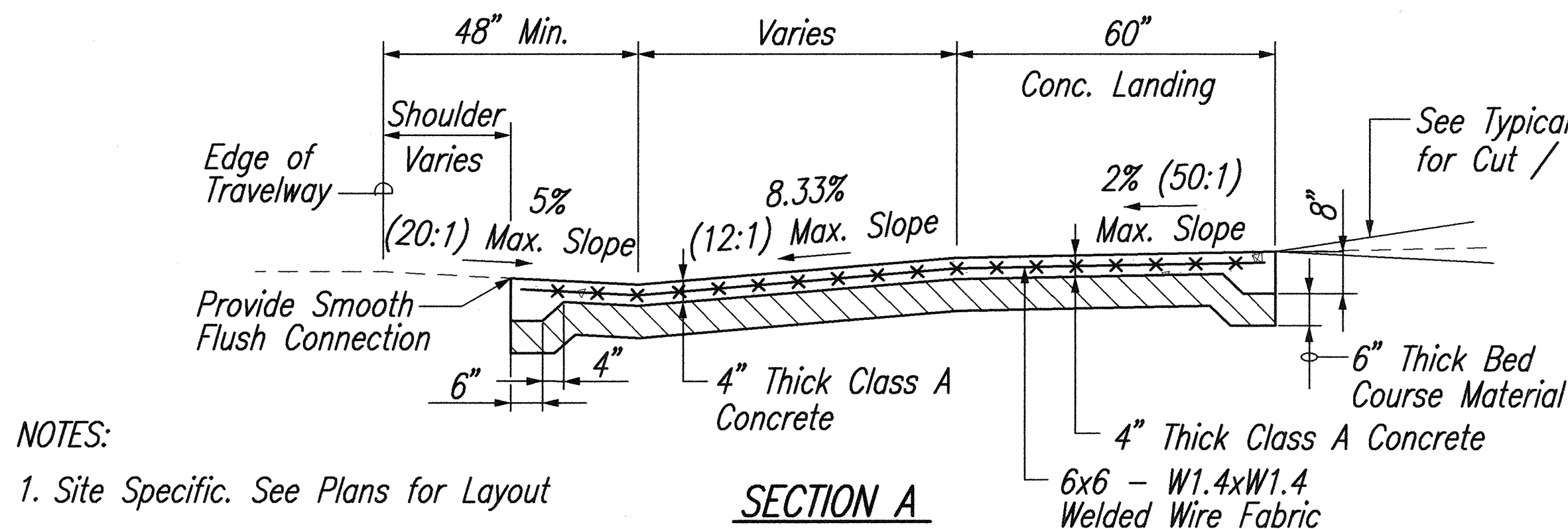
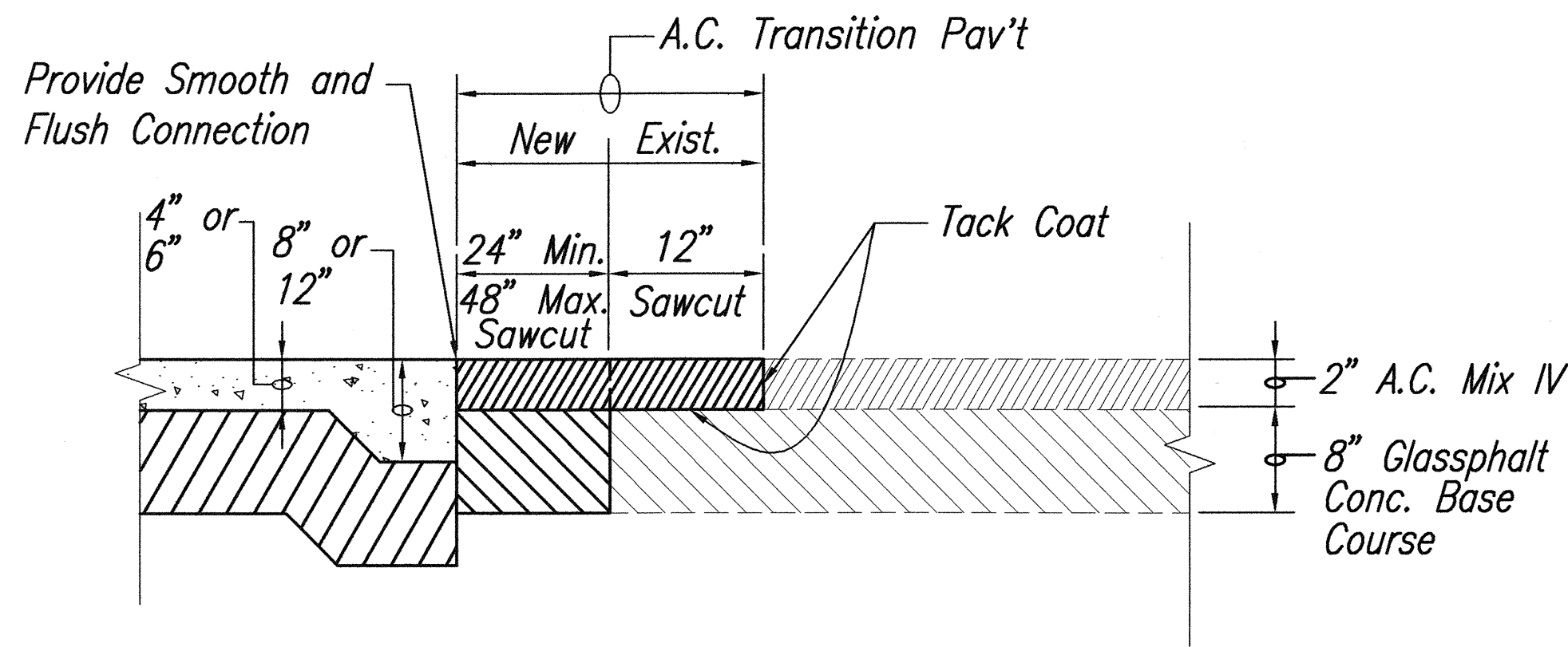
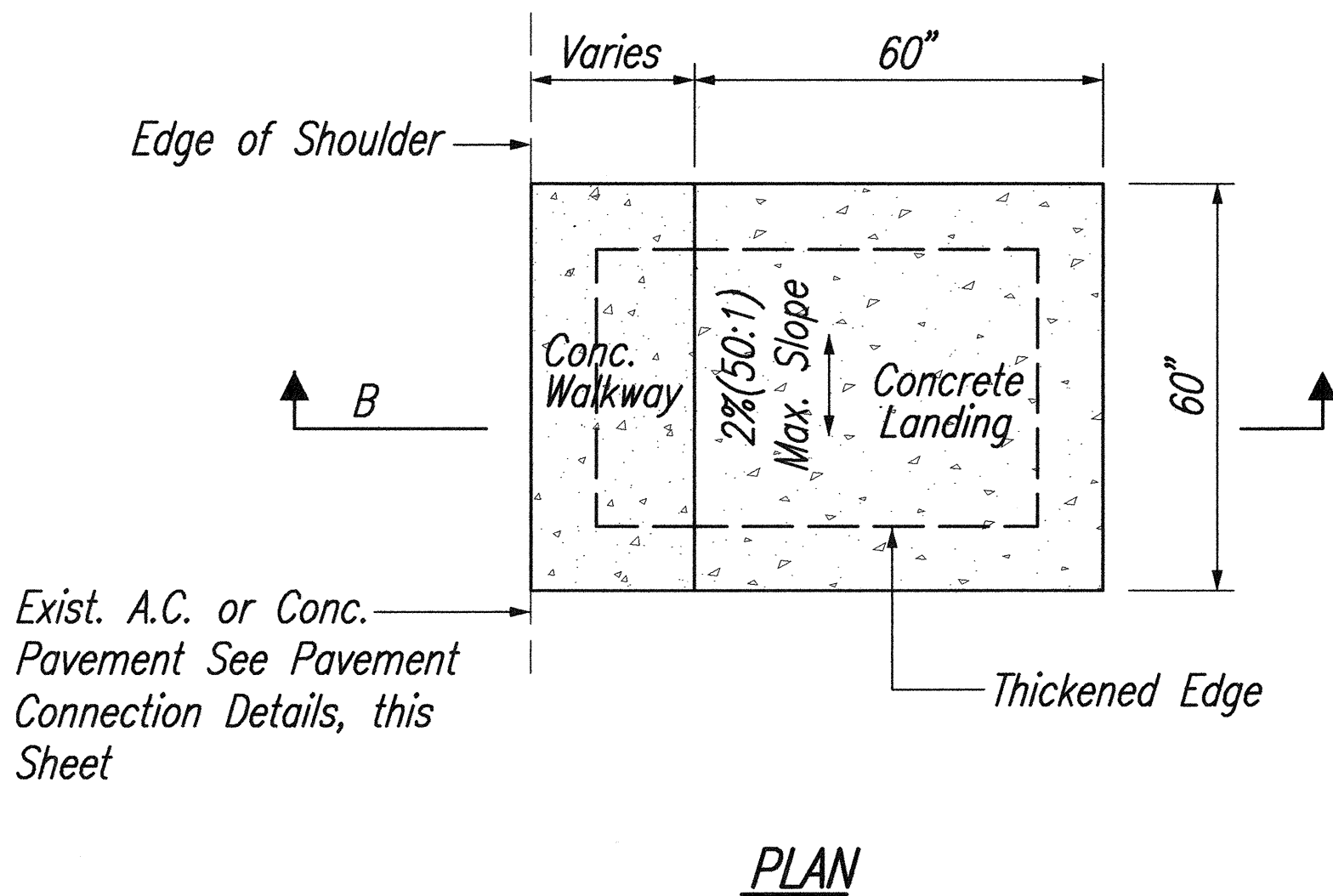
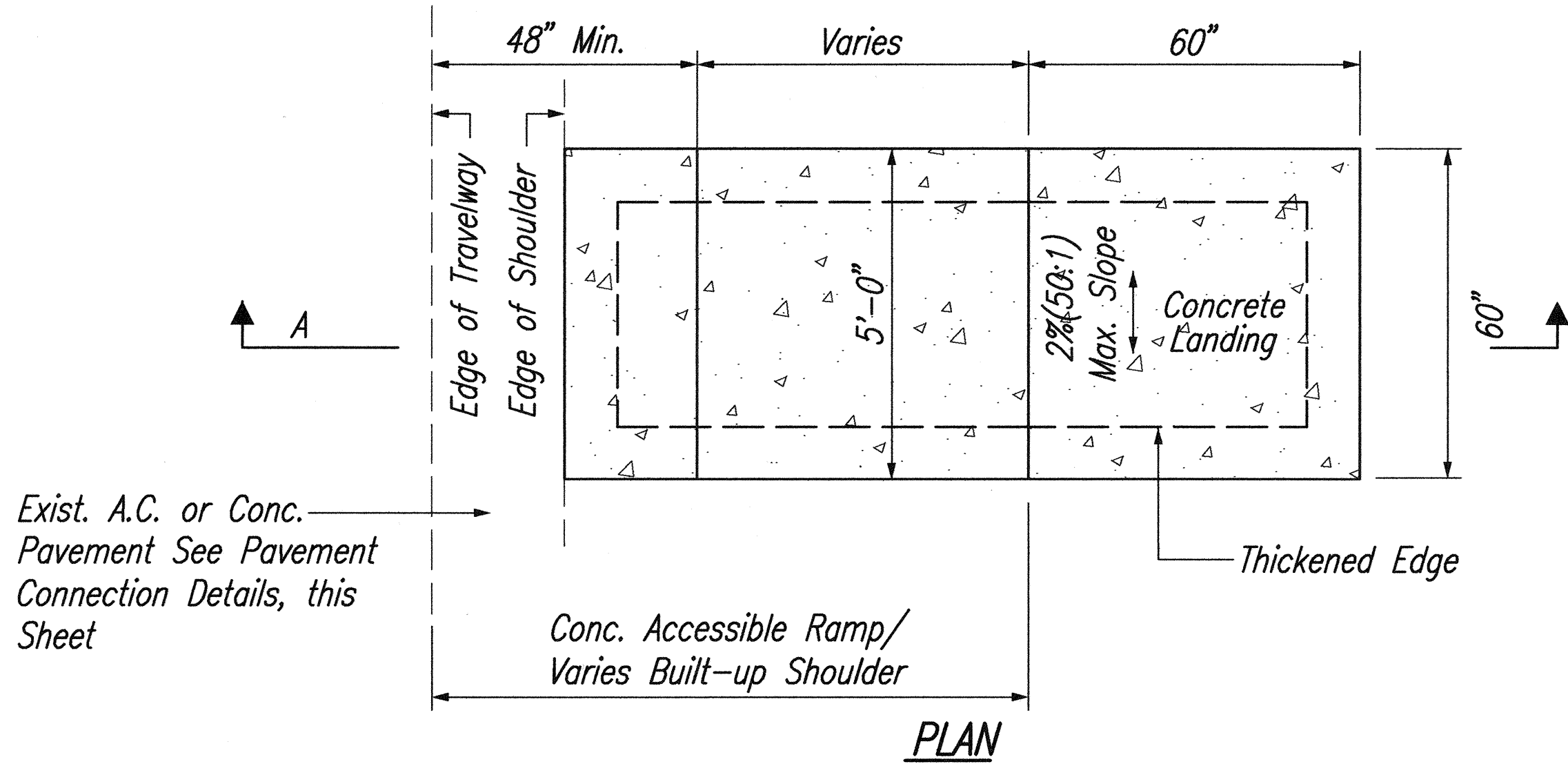


THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.
"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 18-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".
WILSON OKAMOTO CORP. LIC. EXP. DATE APRIL 30, 2006

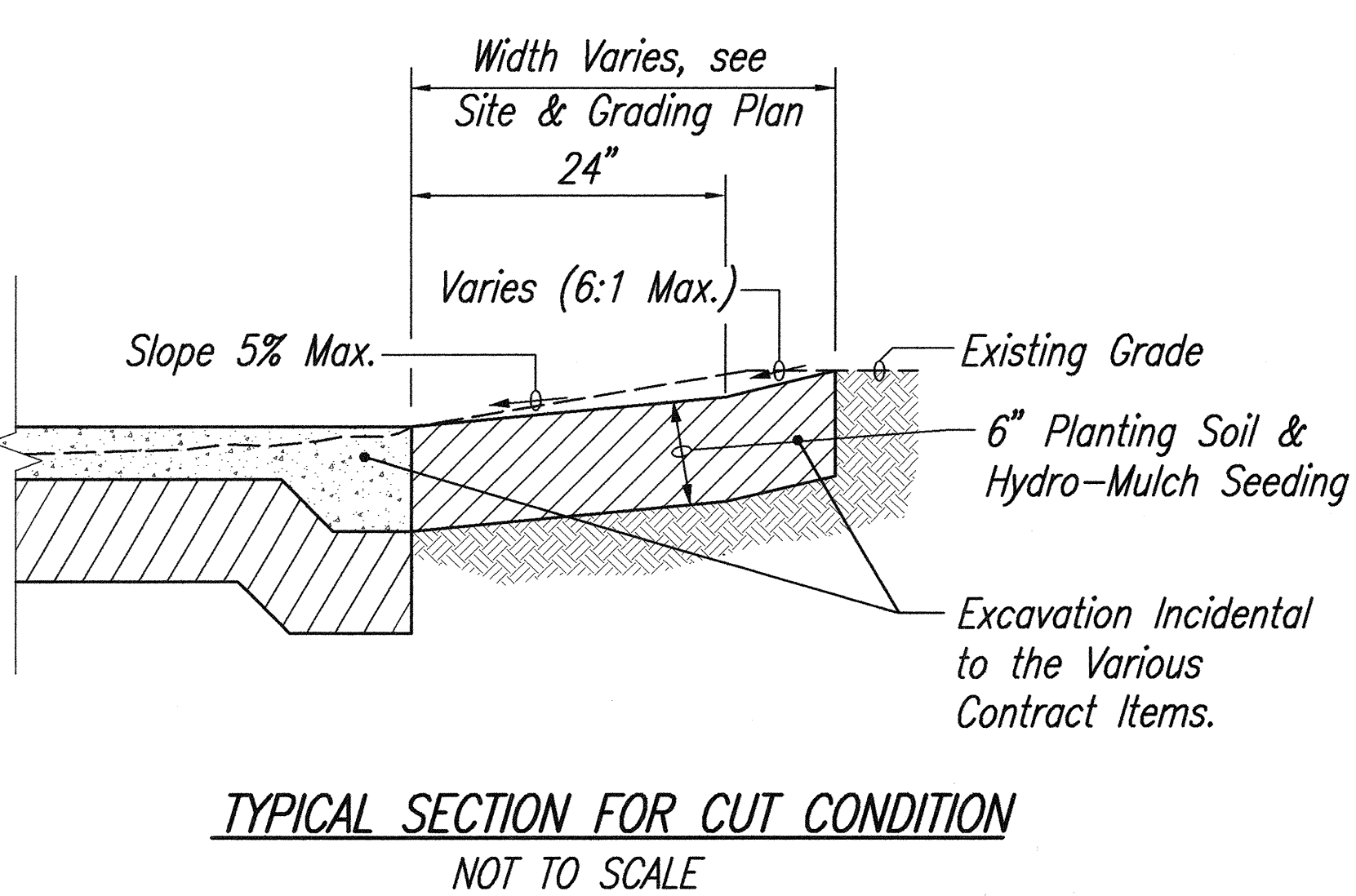
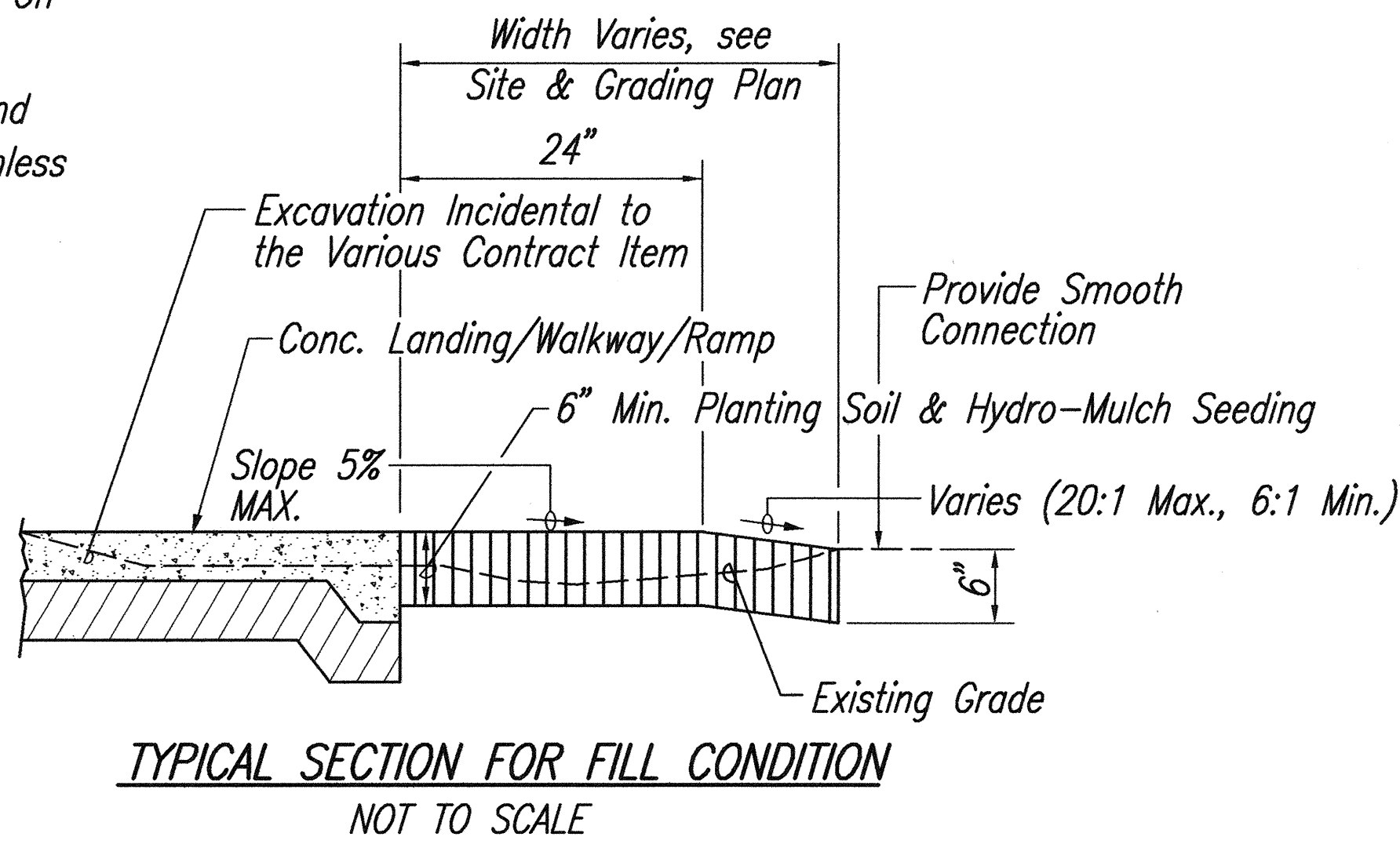
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL CALL BOX INSTALLATION
& MISCELLANEOUS DETAILS
Pedestrian Facilities & ADA Compliance
at Various Locations on Maui
Fed. Aid Proj. No. CMAQ-0900(67)R
Scale: As Shown Date: August 2004
SHEET No. ET7 OF 23 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0900(67)R	2004	94	109



- NOTES:
1. Site Specific. See Plans for Layout
 2. Maximum Slopes Shown for Ramp/Walkway Landing Comply With ADAAG. Slopes Shown On The Grading Plans May Vary. Slopes Greater Than The Maximum Has Been Identified And A Technical Infeasibility Statement Will Be Filed With DCAB. Contractor Shall Construct To Slopes Indicated On The Grading Plans.
 3. All Conc. Ramps, Walkways and Landings shall be 4" Thick unless otherwise noted.



DESIGNED BY	DATE
CHECKED BY	
NOTED BY	
QUANTITIES BY	
ORIGINAL PLAN	
NO.	

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WILSON OKAMOTO CORP. LIC. EXP. DATE

"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".

APRIL 30, 2006

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISCELLANEOUS DETAILS

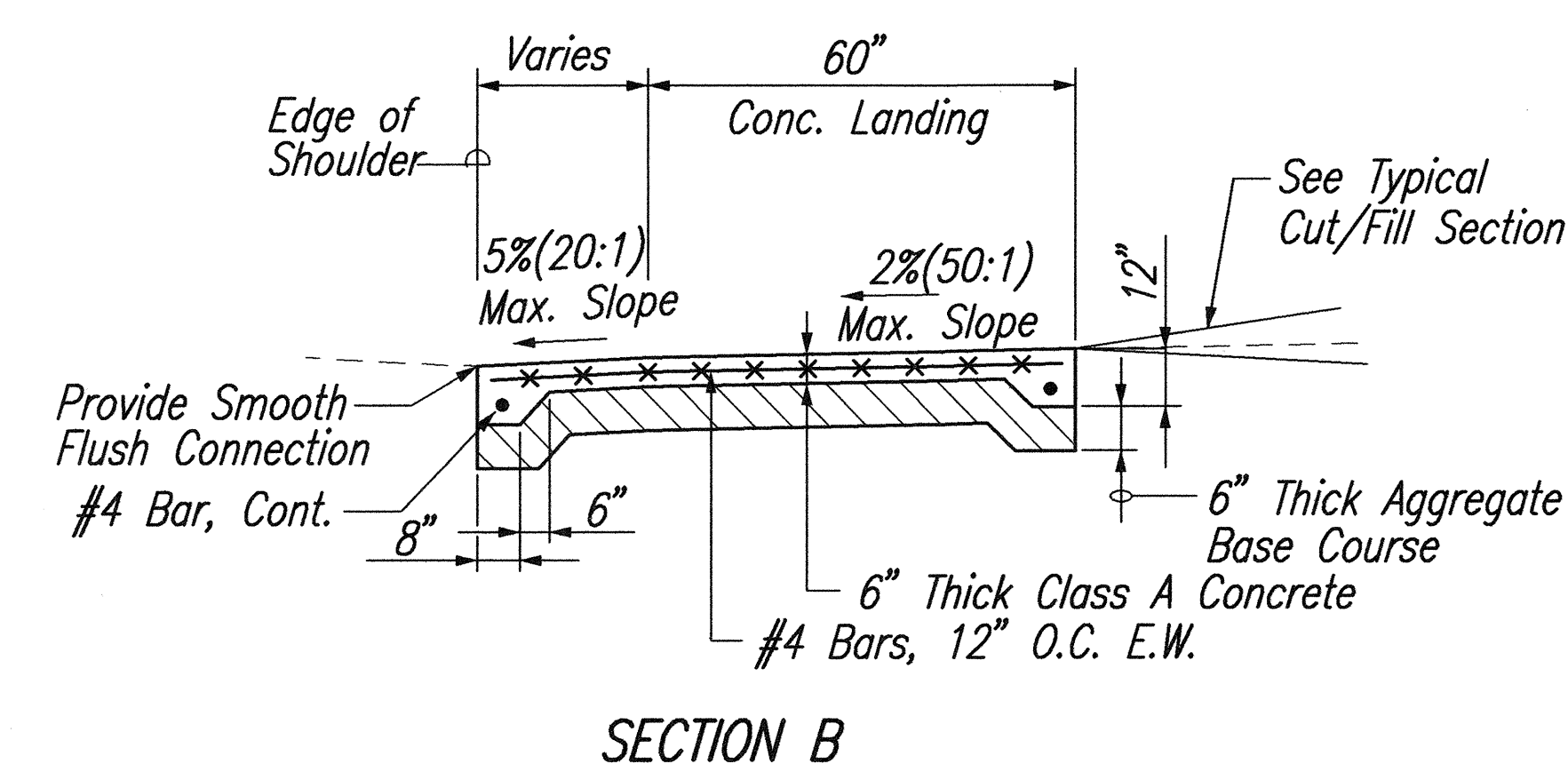
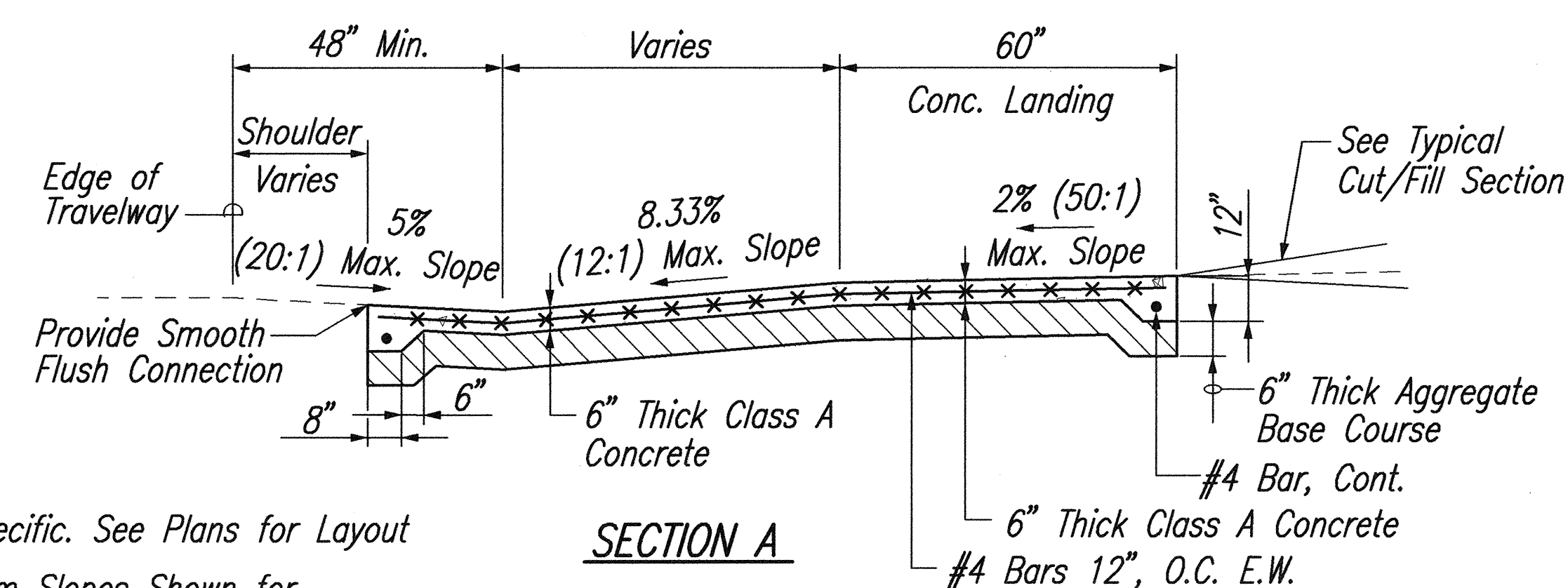
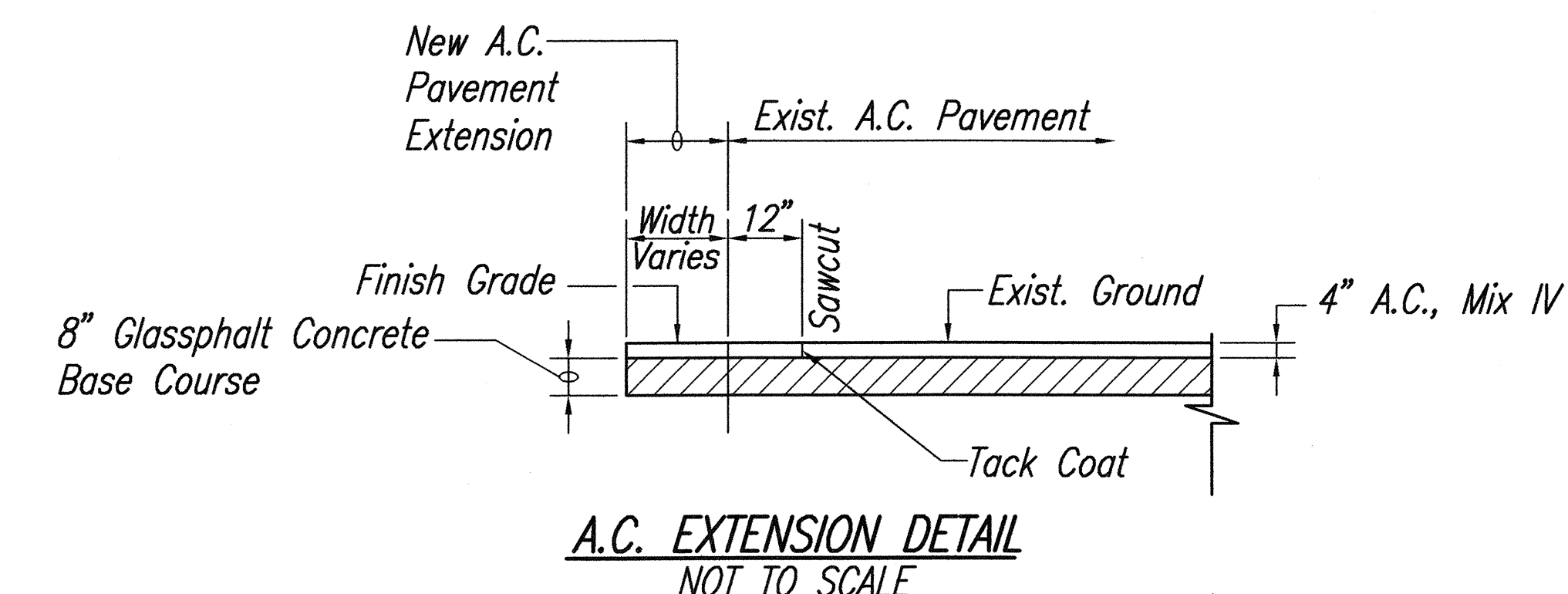
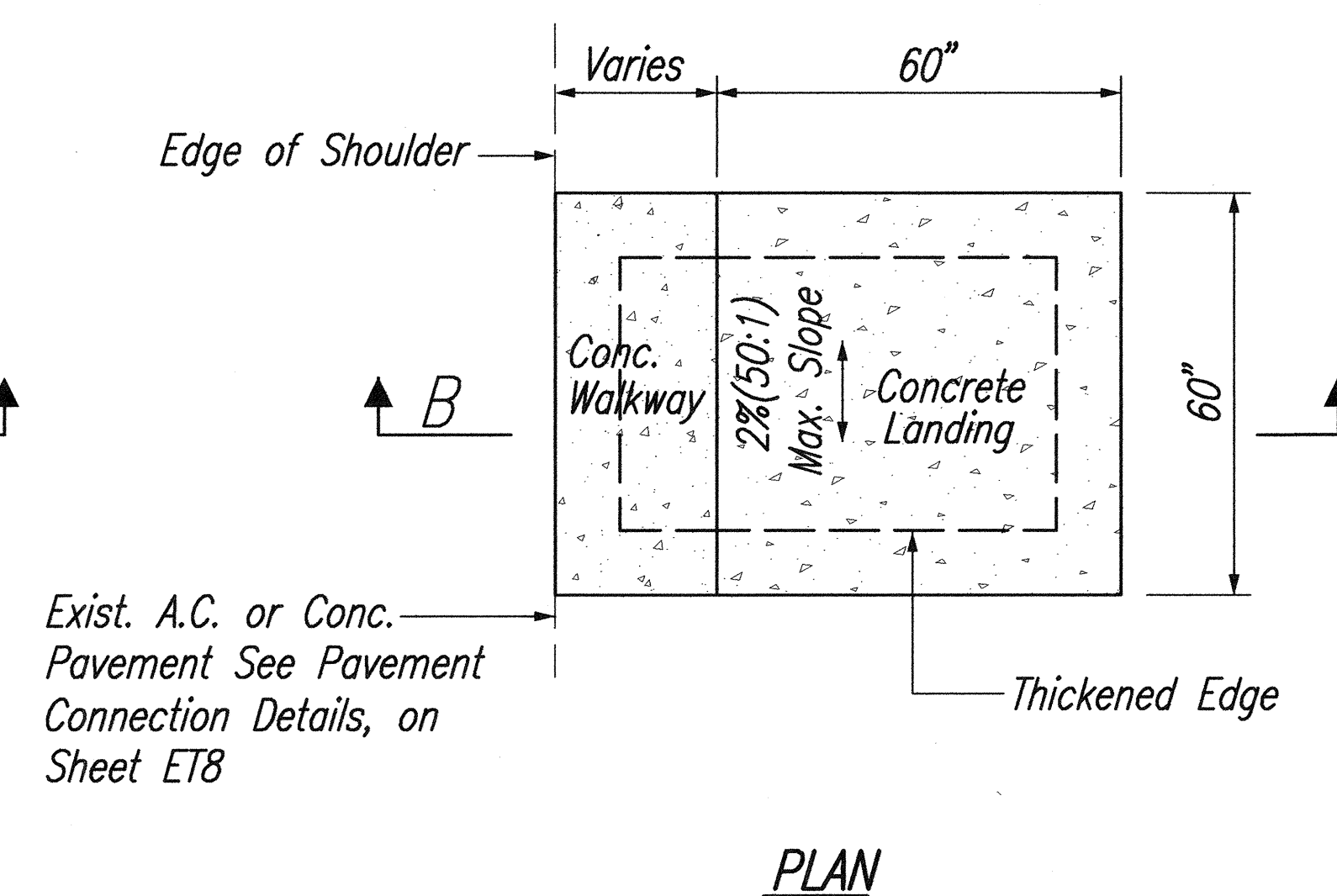
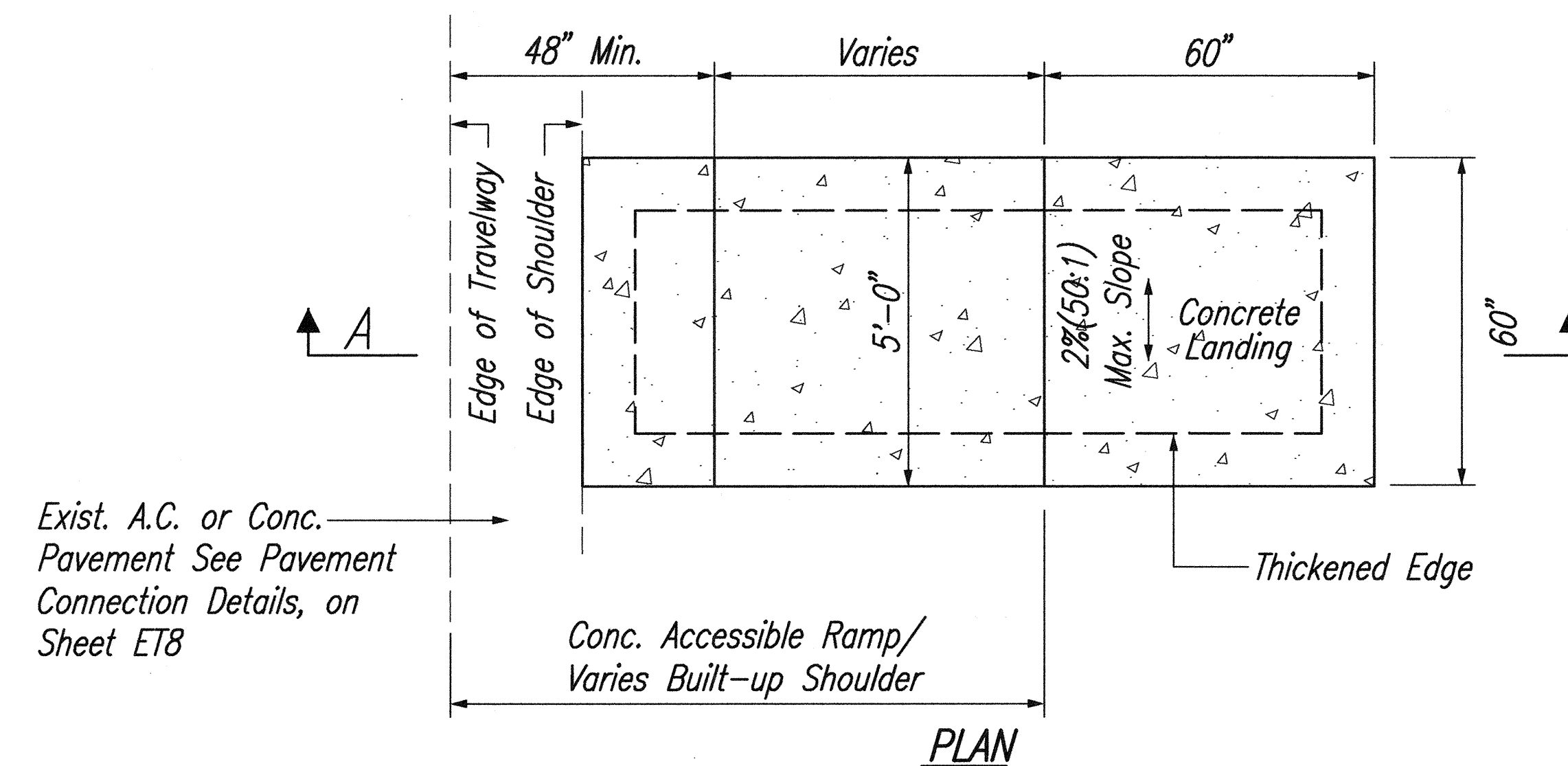
Pedestrian Facilities & ADA Compliance at Various Locations on Maui

Fed. Aid Proj. No. CMAQ-0900(67)R

Scale: As Shown Date: August 2004

SHEET No. ET8 OF 23 SHEETS

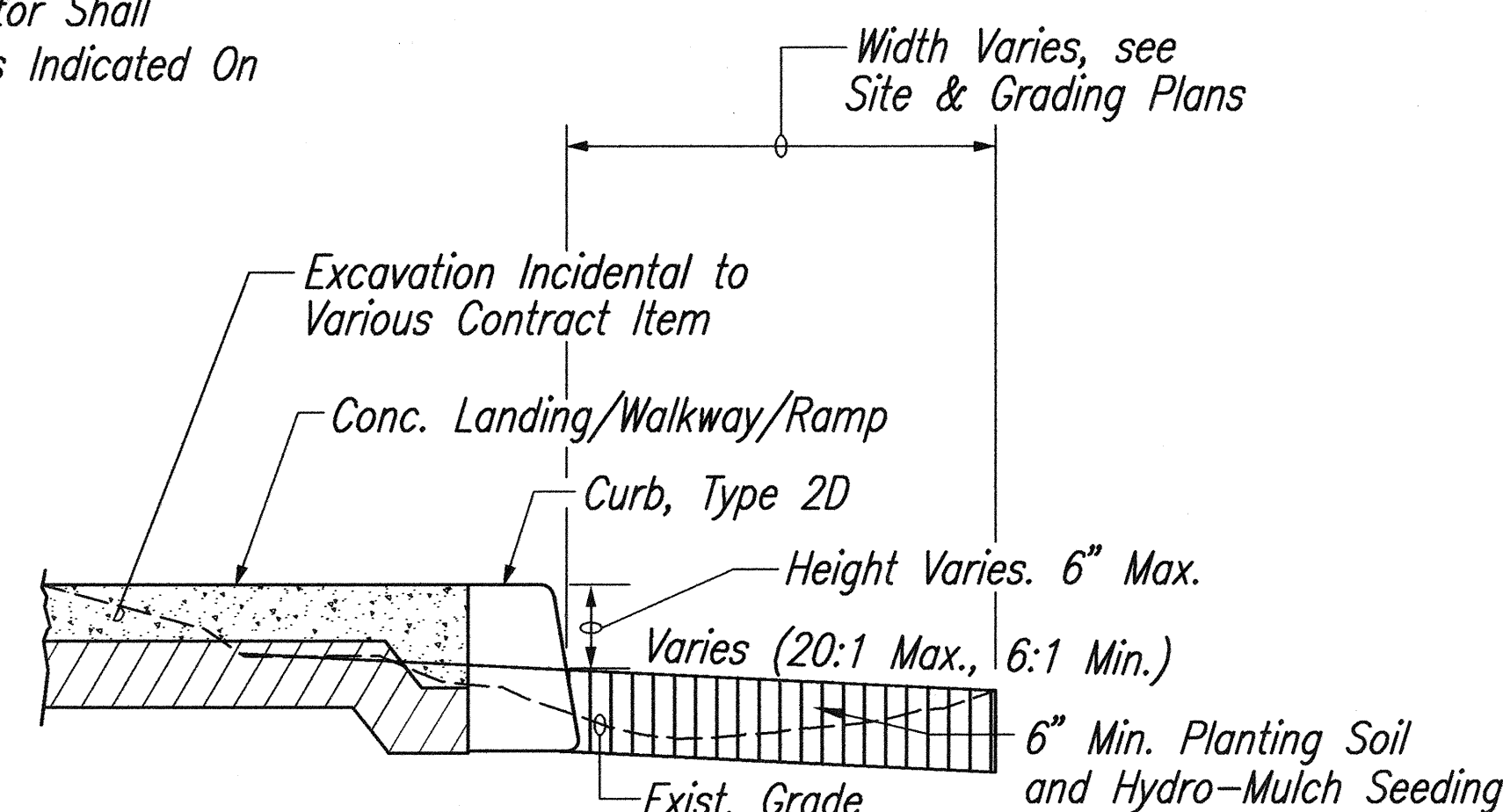
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAI'I	HAW.	CMAQ-0900(67)R	2004	95	109



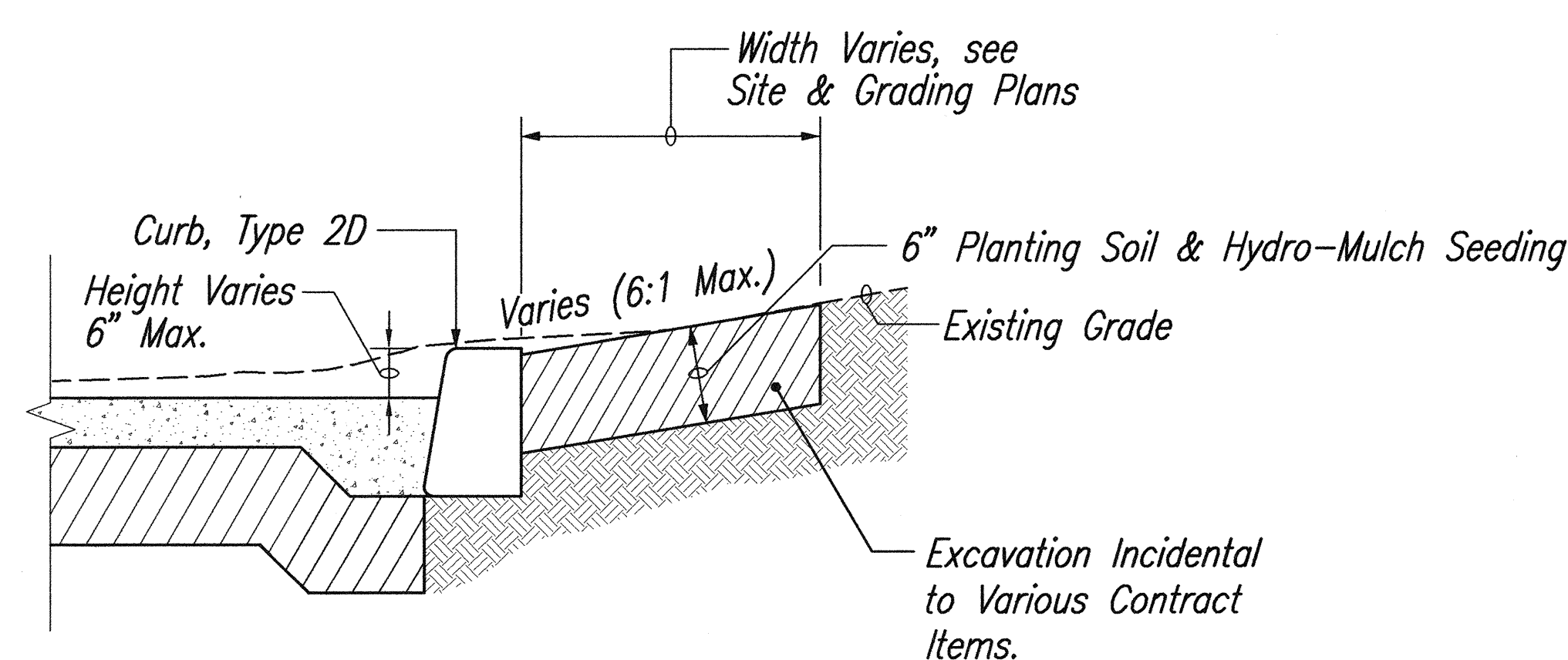
- NOTES:**
1. *Site Specific. See Plans for Layout*
 2. *Maximum Slopes Shown for Ramp/Walkway Landing Comply With ADAAG. Slopes Shown On The Grading Plans May Vary. Slopes Greater Than The Maximum Has Been Identified And A Technical Infeasibility Statement Will Be Filed With DCAB. Contractor Shall Construct To Slopes Indicated On The Grading Plans.*

6" THICK CONCRETE LANDING
WITH ACCESSIBLE RAMP
SCALE 1/2"=1'-0"

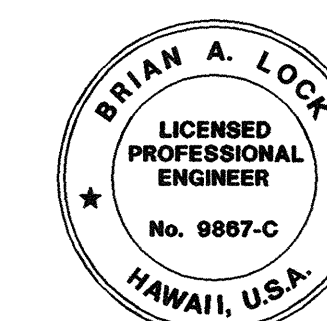
6" THICK CONCRETE LANDING
WITH WALKWAY
SCALE 1/2"=1'-0"



TYPICAL SECTION FILL CONDITION WITH CURB
SCALE 1"=1'-0"



TYPICAL SECTION FOR CUT CONDITION WITH CURB
SCALE 1"=1'-0"



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[Signature]

APR 30, 2001

WILSON OKAMOTO CORP. IC-EXP DA

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISCELLANEOUS DETAILS

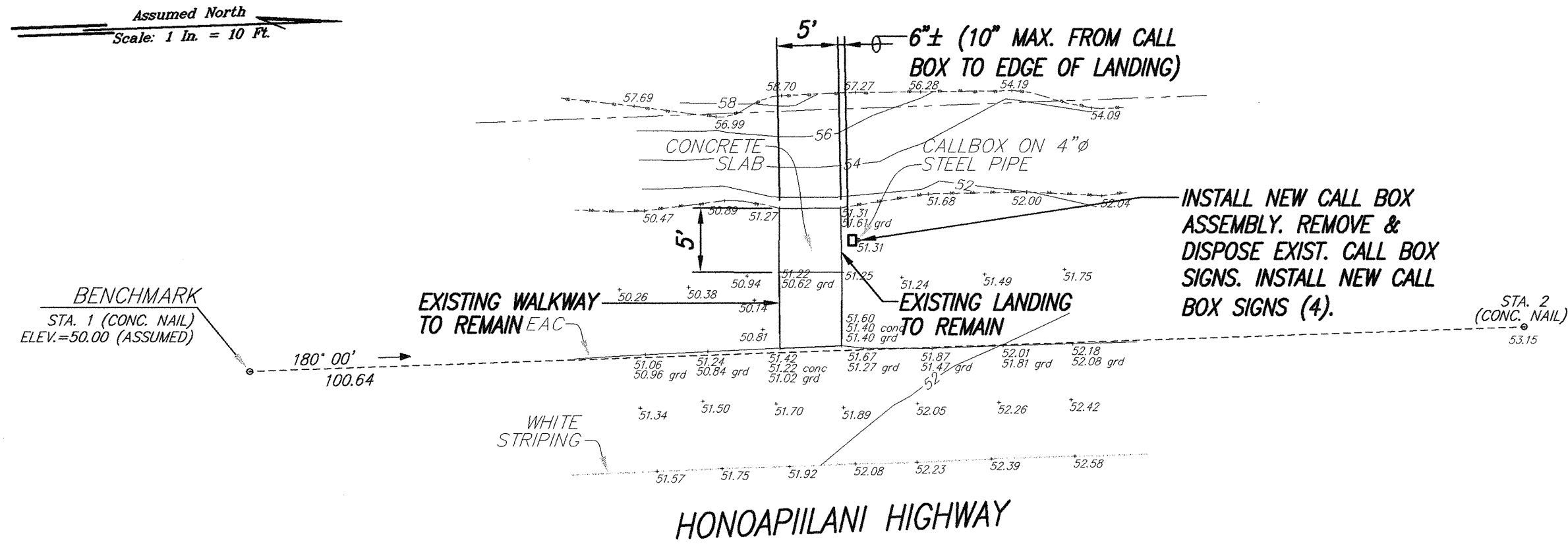
Pedestrian Facilities & ADA Compliance
at Various Locations on Maui
Fed. Aid Proj. No. CMAQ-0900(67)R

Scale: As Shown Date: August 2004

SHEET No. ET9 OF 23 SHEETS

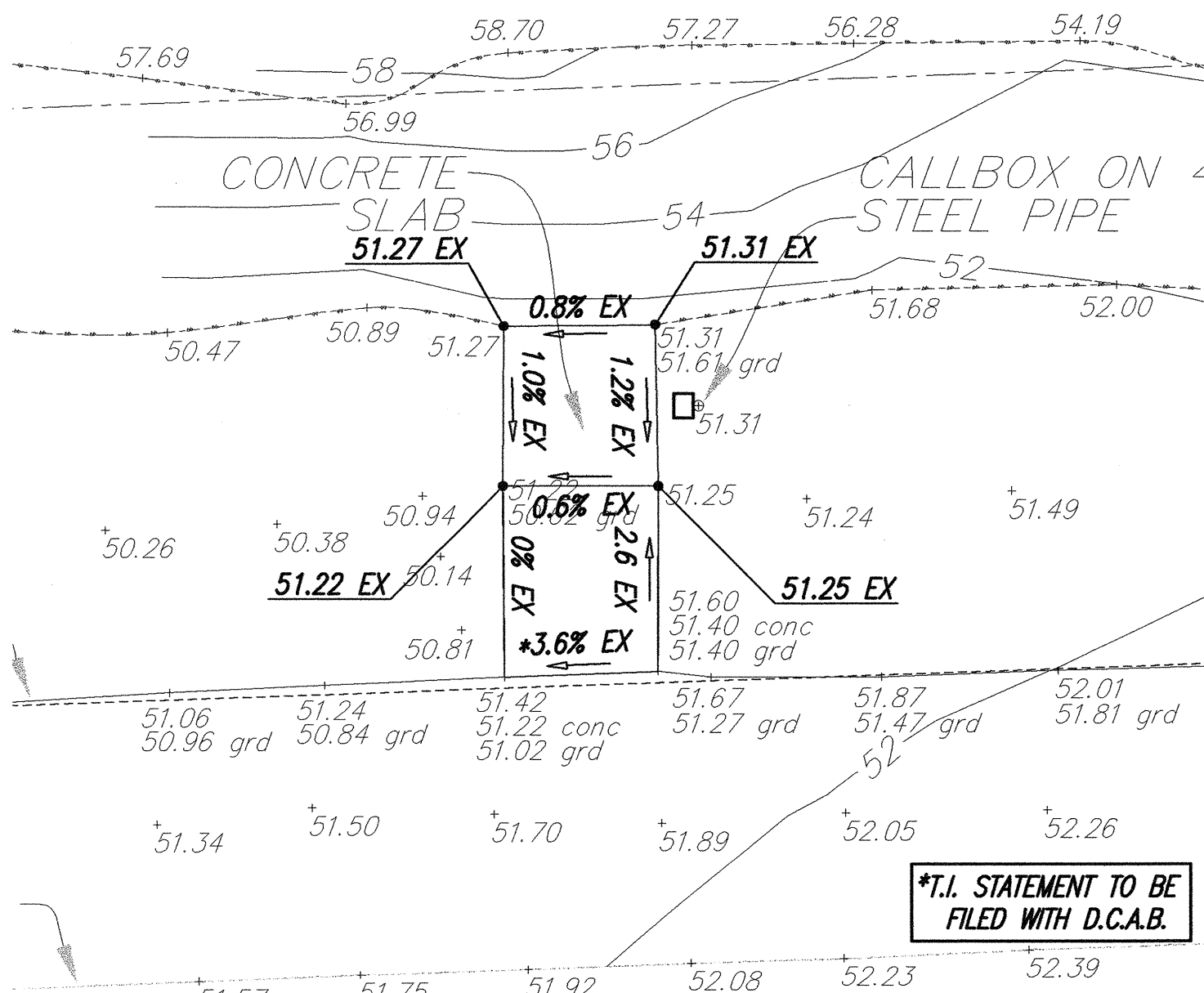
ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
NOTE BOOK	DRAWN BY _____	_____
	TRACED BY _____	_____
	DESIGNED BY _____	_____
	QUANTITIES BY _____	_____
No. _____	CHECKED BY _____	_____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0900(67)R	2004	ADD. 96	109



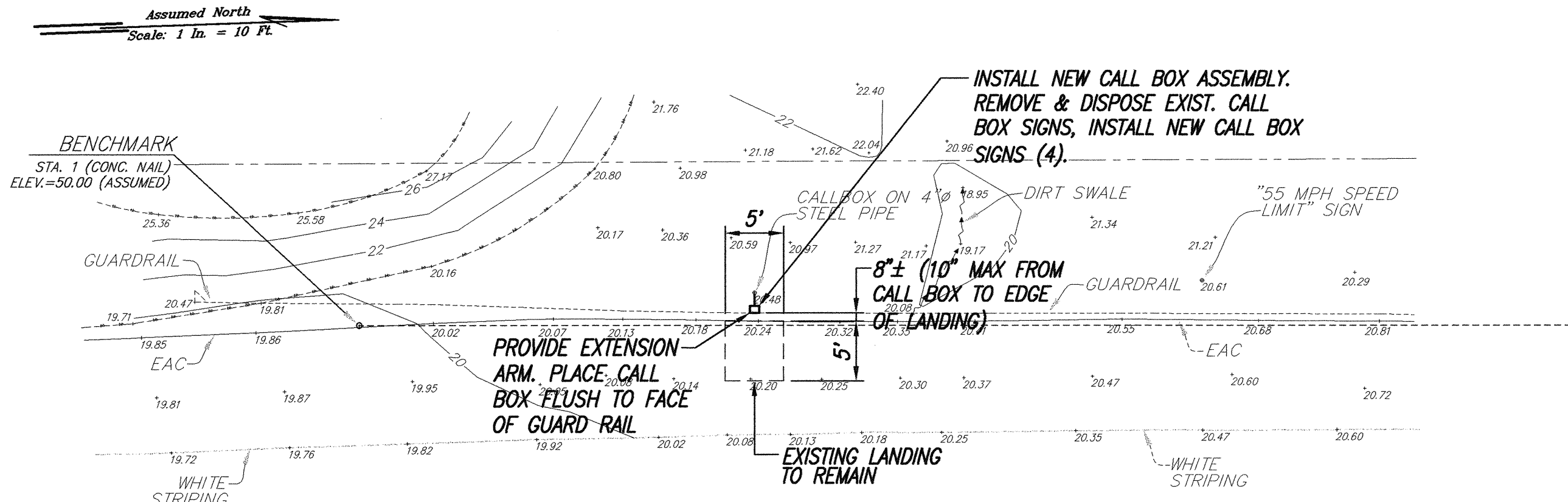
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(M.P.=10.0, - LOCATION MAP ET3)
SCALE: 1" = 10'



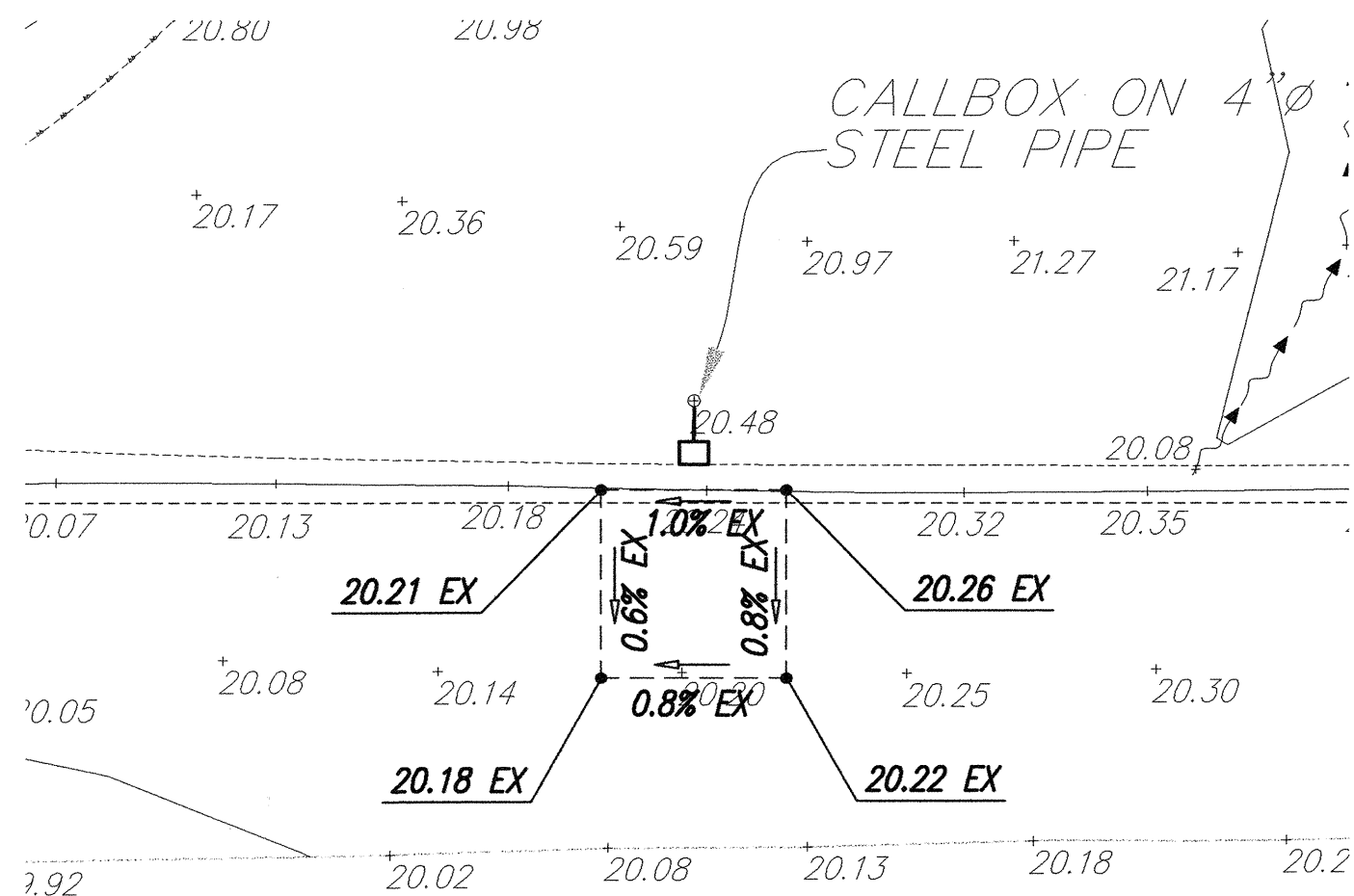
ENLARGEMENT (DBID. 120704)

SCALE: 1" = 5'



EMERGENCY CALL BOX (DBID. 120604)

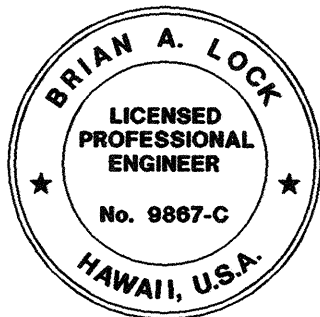
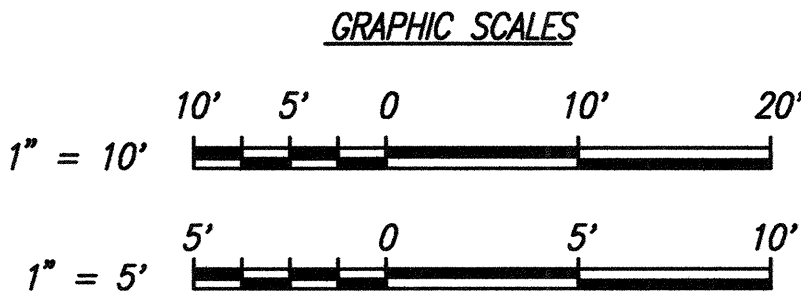
(M.P.=11.0, - LOCATION MAP ET3)
SCALE: 1" = 10'



ENLARGEMENT (DBID. 120604)

SCALE: 1" = 5'

SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	



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"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".

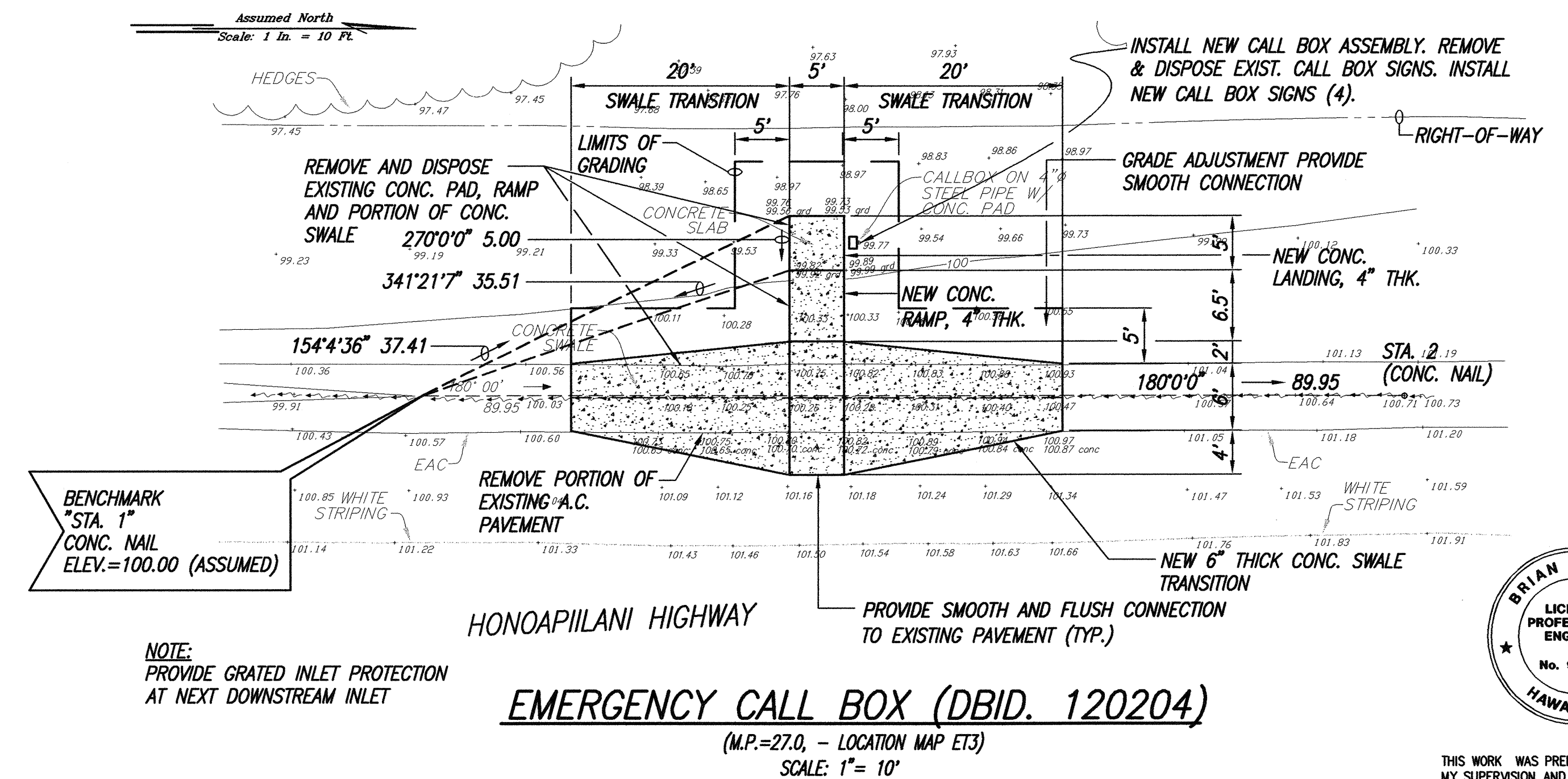
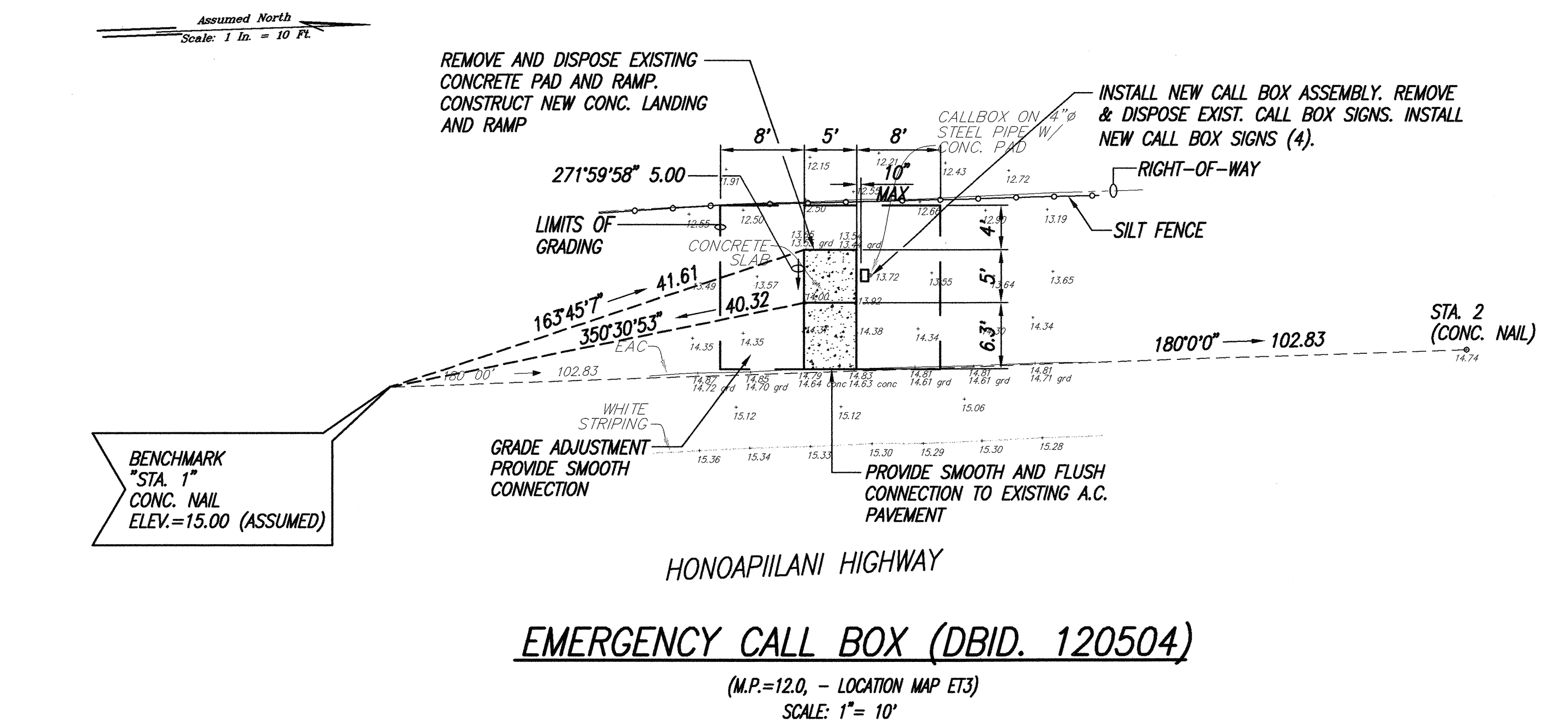
Brian A. Lock
APRIL 30, 2006
WILSON OKAMOTO CORP. LIC. EXP. DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
HONOAPIILANI HIGHWAY ROUTE
30 SITE AND GRADING PLAN
Pedestrian Facilities & ADA Compliance
at Various Locations on Maui
Fed. Aid Proj. No. CMAQ-0900(67)R
Scale: As Shown
Date: August 2004
SHEET No. ET10 OF 23 SHEETS

10/18/2004 REVISED CALLOUTS

DATE REVISION

Plan view of a proposed intersection. The diagram shows a central area labeled "CONCRETE SLAB" and a "STEEL PIPE W/ CONC. PAD". Elevation points are marked throughout the plan, including 11.91, 12.15, 12.21, 12.43, 12.72, 12.55, 12.50, 13.66, 13.70, 12.66, 12.90, 13.19, 13.55, 13.64, 13.65, 13.49, 13.57, 13.76, 13.80, 14.35, 14.38, 14.34, 14.81, 14.81, 14.71, 14.87, 14.72, 14.85, 14.70, 14.79, 14.64, 14.83, 14.63, 14.81, 14.61, 15.06, 15.36, 15.34, 15.33, 15.30, 15.29, 15.30, 15.28. Slopes are indicated as 0.8%, 2.0%, 16.4%, and 0.8%. Other labels include "EAC", "WHITE STRIPING", "MATCH TO TOP A.C. PAVT", and "T.I. STATEMENT TO BE FILED WITH D.C.A.B.". The title is "ENLARGEMENT (DBID. 120504)" and the scale is "SCALE: 1" = 5'".



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Wilson Okamoto

APRIL 30, 2006

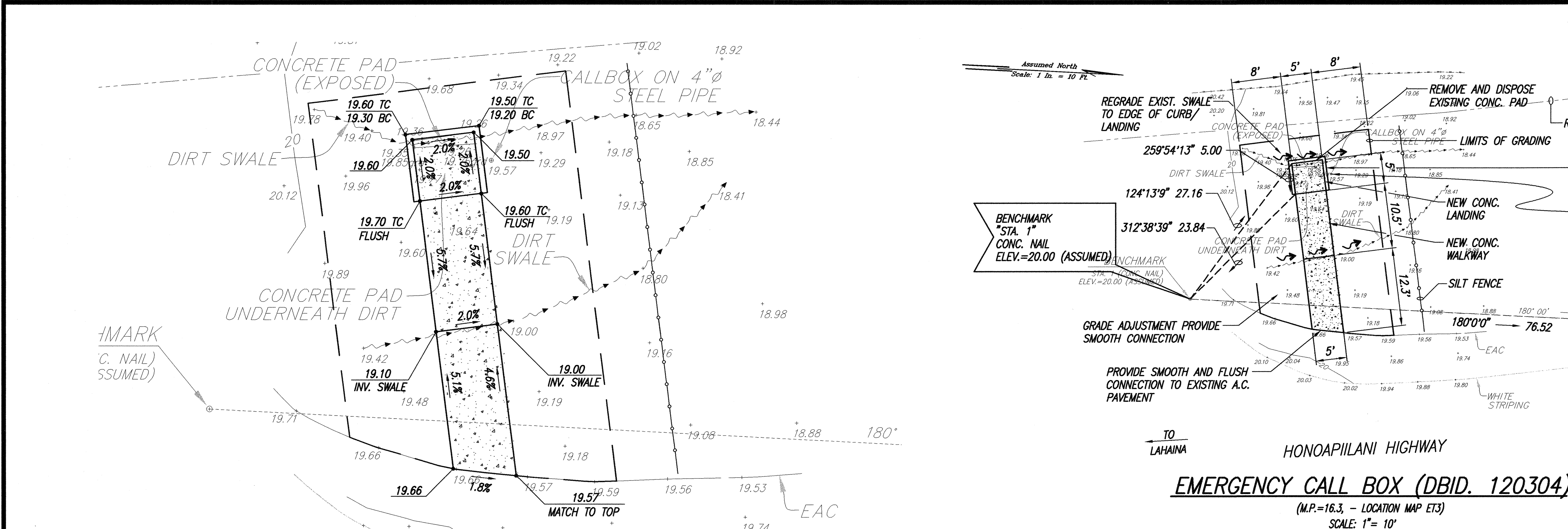
WILSON OKAMOTO CORP. LIC. EXP. DATE

10/18/2004 REVISED CALLOUTS

Scale: As Shown Date: August 2004

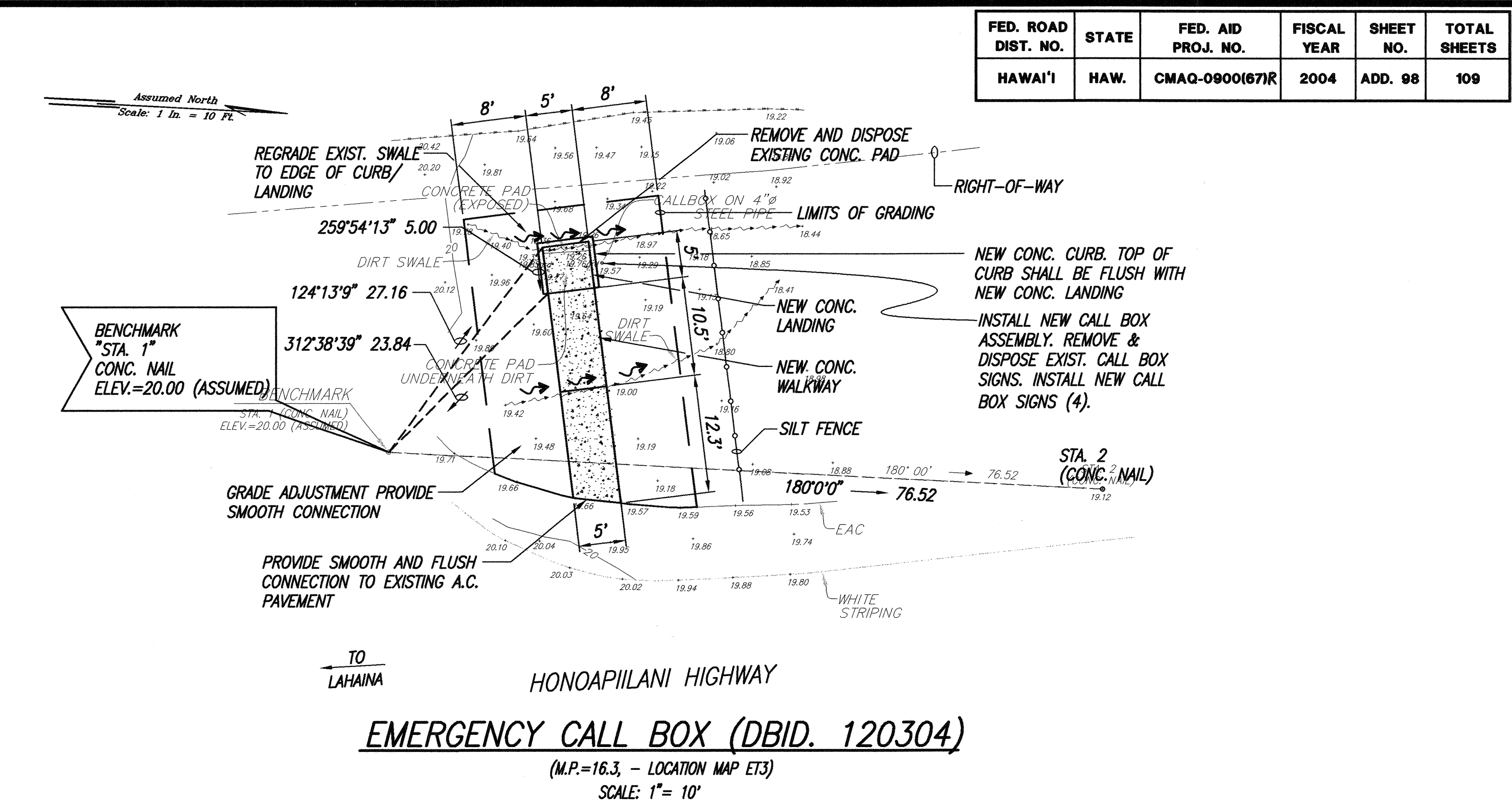
SHEET No. ET11 OF 23 SHEETS

ADD. 97

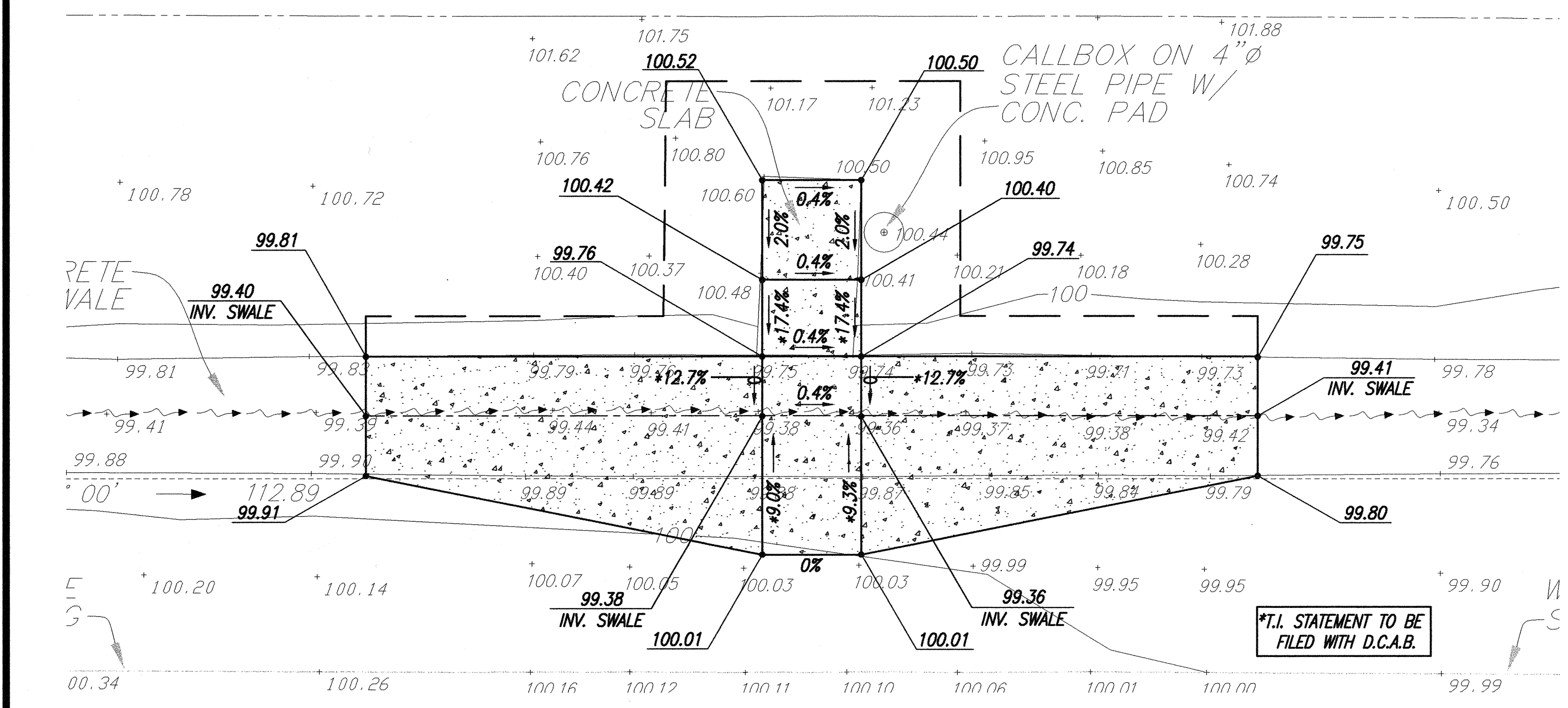


ENLARGEMENT (DBID. 120304)

SCALE: 1"= 5'

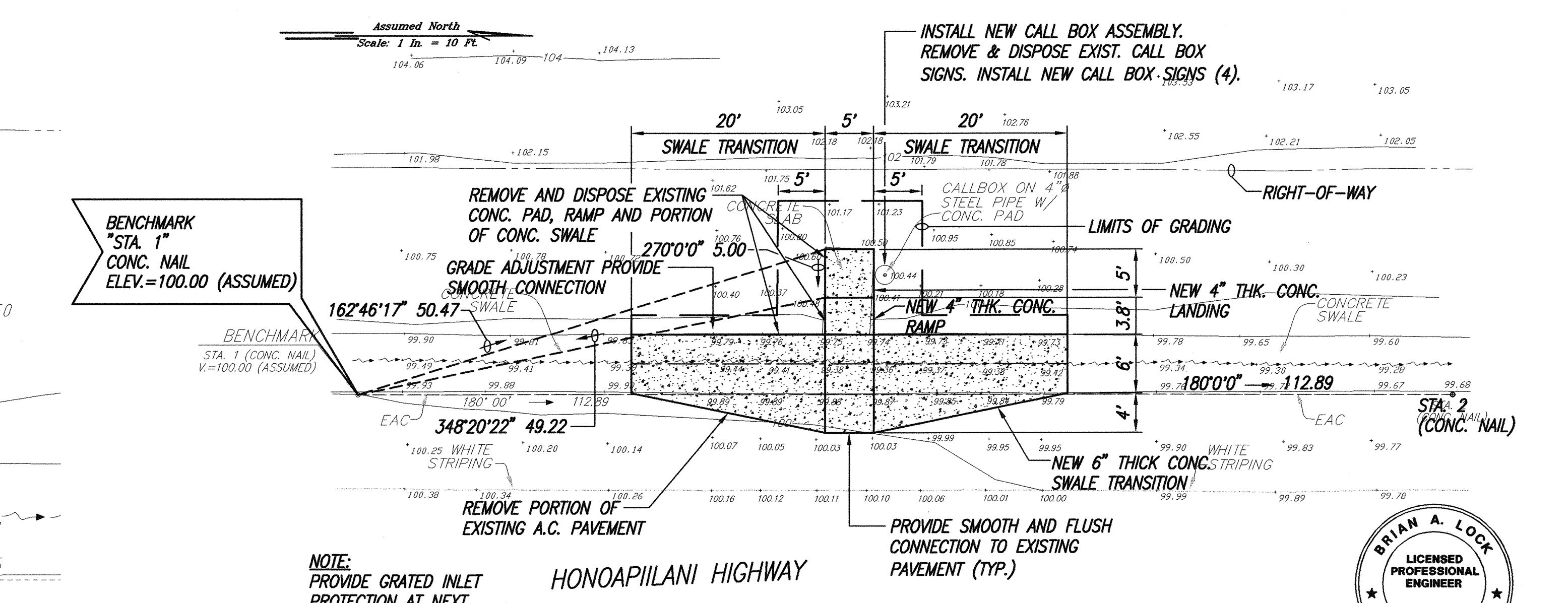


EMERGENCY CALL BOX (DBID. 120304)
(M.P.=16.3, - LOCATION MAP ET3)
SCALE: 1"= 10'



ENLARGEMENT (DBID. 120104)

SCALE: 1" = 5'



EMERGENCY CALL BOX (DBID. 120104)

(M.P.=28.5, - LOCATION MAP ET3)

SCALE: 1" = 10'

"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE

PROJECT WILL BE UNDER MY OBSERVATION.

EMERGENCY CALL BOX (DBID. 120104)

PROVIDE GRADED INLET
PROTECTION AT NEXT
DOWNSTREAM INLET

NOTE: PROVIDE GRATED INLET PROTECTION AT NEXT

EMERGENCY CALL BOX (DBID. 120104)

(M.P.=28.5, - LOCATION MAP ET3)

SCALE: 1" = 10'

"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE

PROJECT WILL BE UNDER MY OBSERVATION.

EMERGENCY CALL BOX (DBID. 120104)

PROVIDE GRADED INLET
PROTECTION AT NEXT
DOWNSTREAM INLET

NOTE: PROVIDE GRATED INLET PROTECTION AT NEXT

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

Wilsow Okamoto APRIL 30, 2006
WILSON OKAMOTO CORP. LIC. EXP. DATE

"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".

"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES, ENTITLED "PROFESSIONAL ENGINEERS

APRIL 30, 2006
WILSON OKAMOTO CORP. LIC. EXP. DATE *ca*

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

HONOAPIILANI HIGHWAY ROUTE

30 SITE AND GRADING PLAN

Pedestrian Facilities & ADA Compliance
at Various Locations on Maui
Fed. Aid Proj. No. CMAQ-0900(67)R

Scale: As Shown Date: August 2004

Scale: As Shown Date: August 2004

Scale: As Shown Date: August 2004

SHEET No. ET12 OF 23 SHEETS

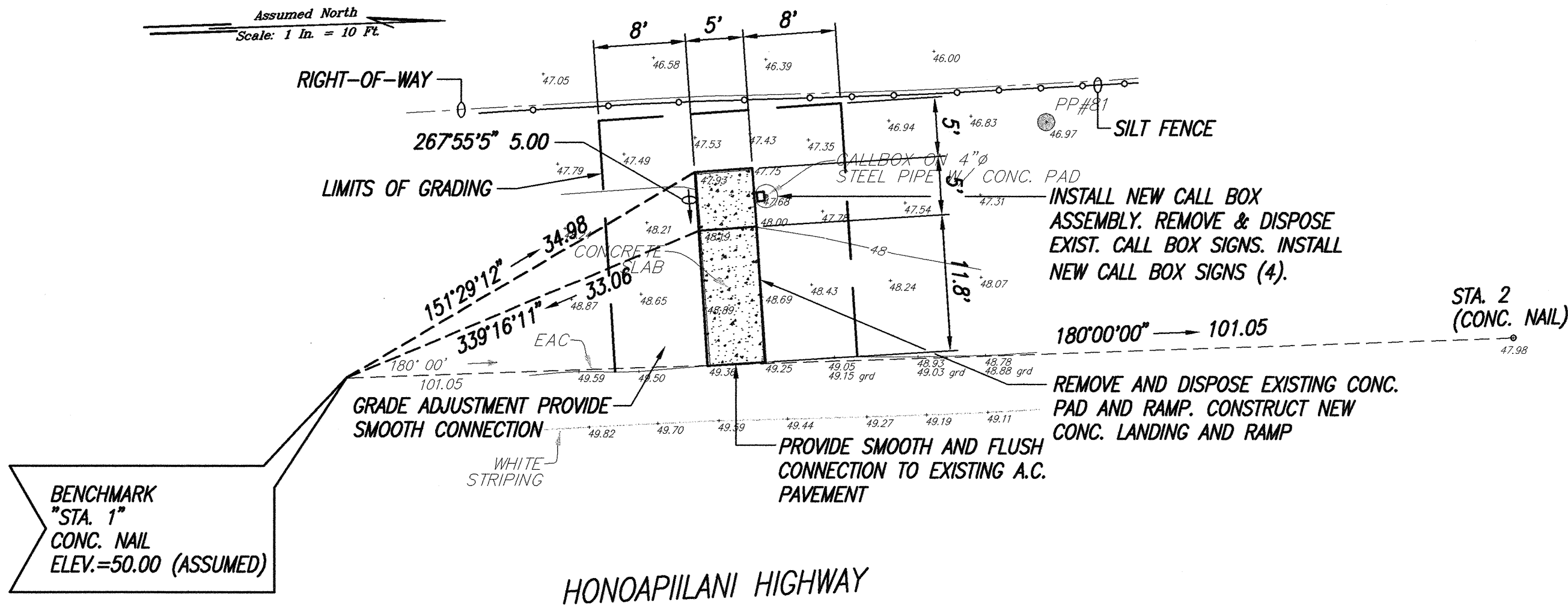
10/18/04	REVISED CALLOUTS	<u>Fed. Aid Proj. No. CMAQ-0900(67)R</u> Scale: As Shown Date: August 2004
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DATE	REVISION	SHEET No.ET12 OF 23 SHEETS
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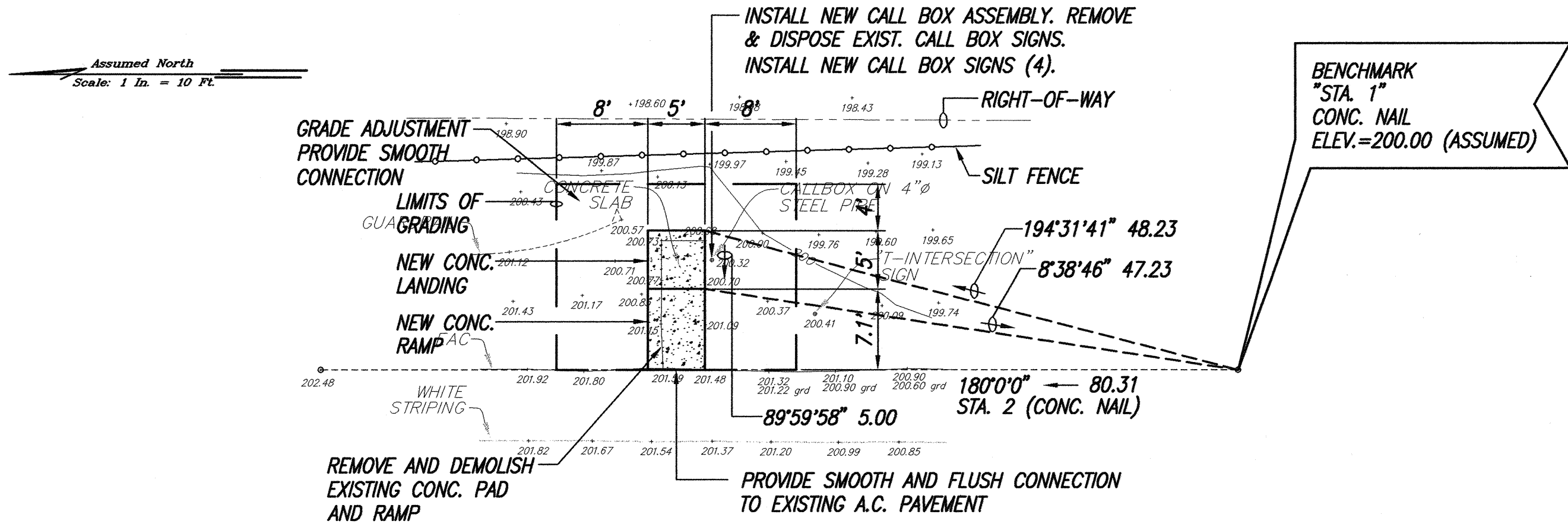
DATE	REVISION	SHEET No.ET12 OF 23 SHEETS
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ADD. 98

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0900(67)R	2004	ADD. 99	109

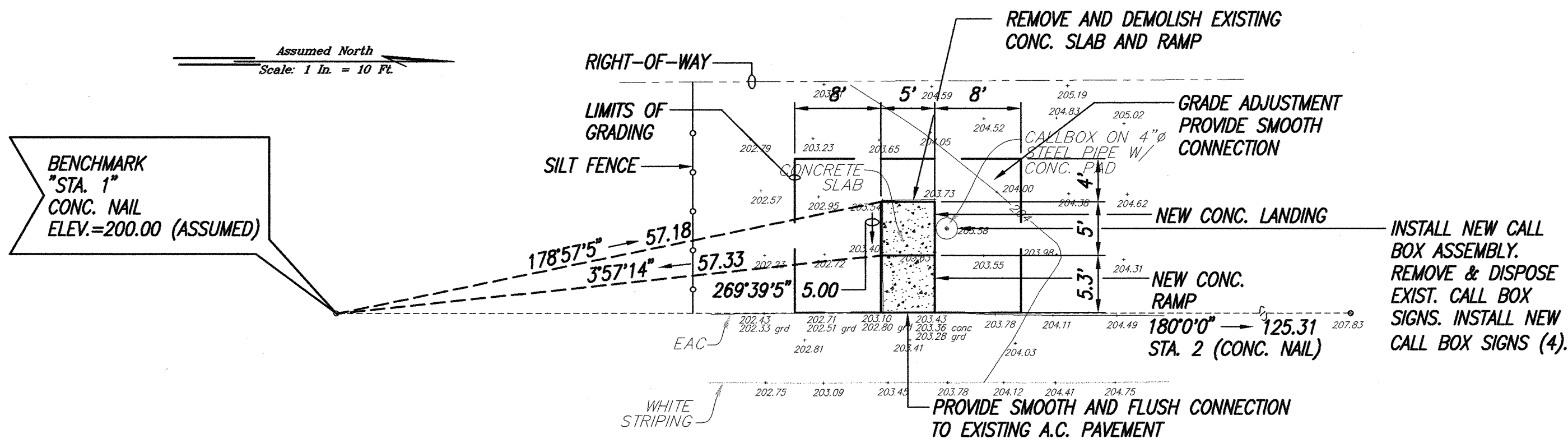


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0900(67)R	2004	ADD. 100	109



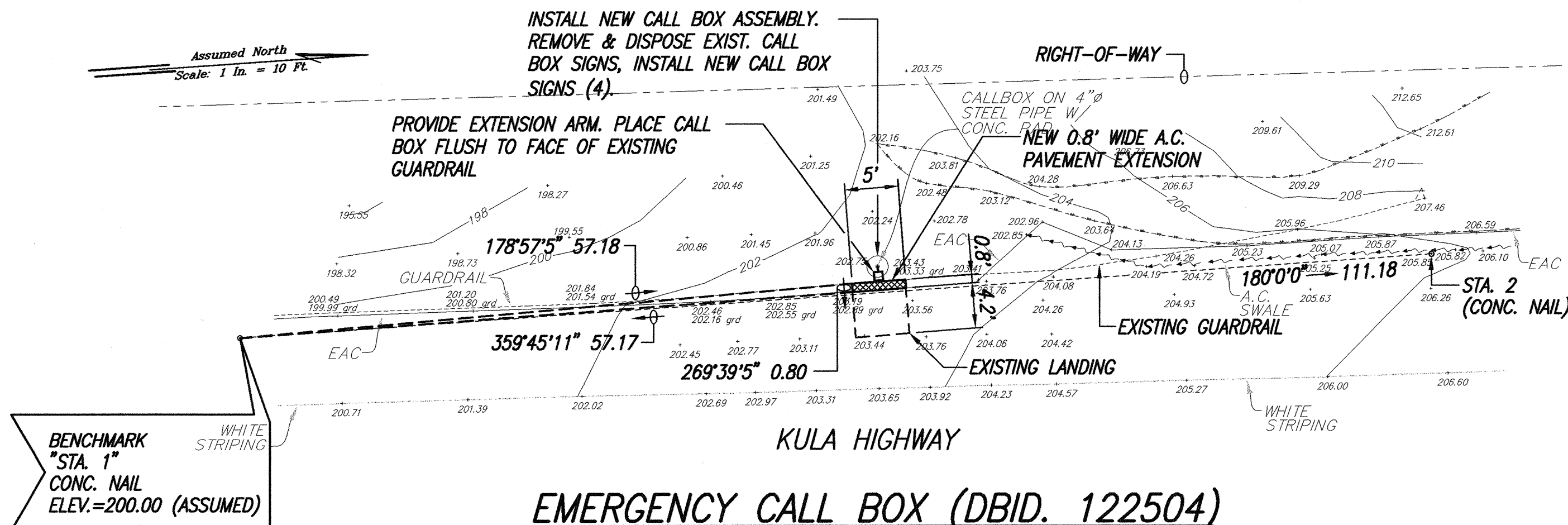
KULA HIGHWAY
EMERGENCY CALL BOX (DBID. 122304)

(M.P.=8.0, - LOCATION MAP ET4)
SCALE: 1" = 10'



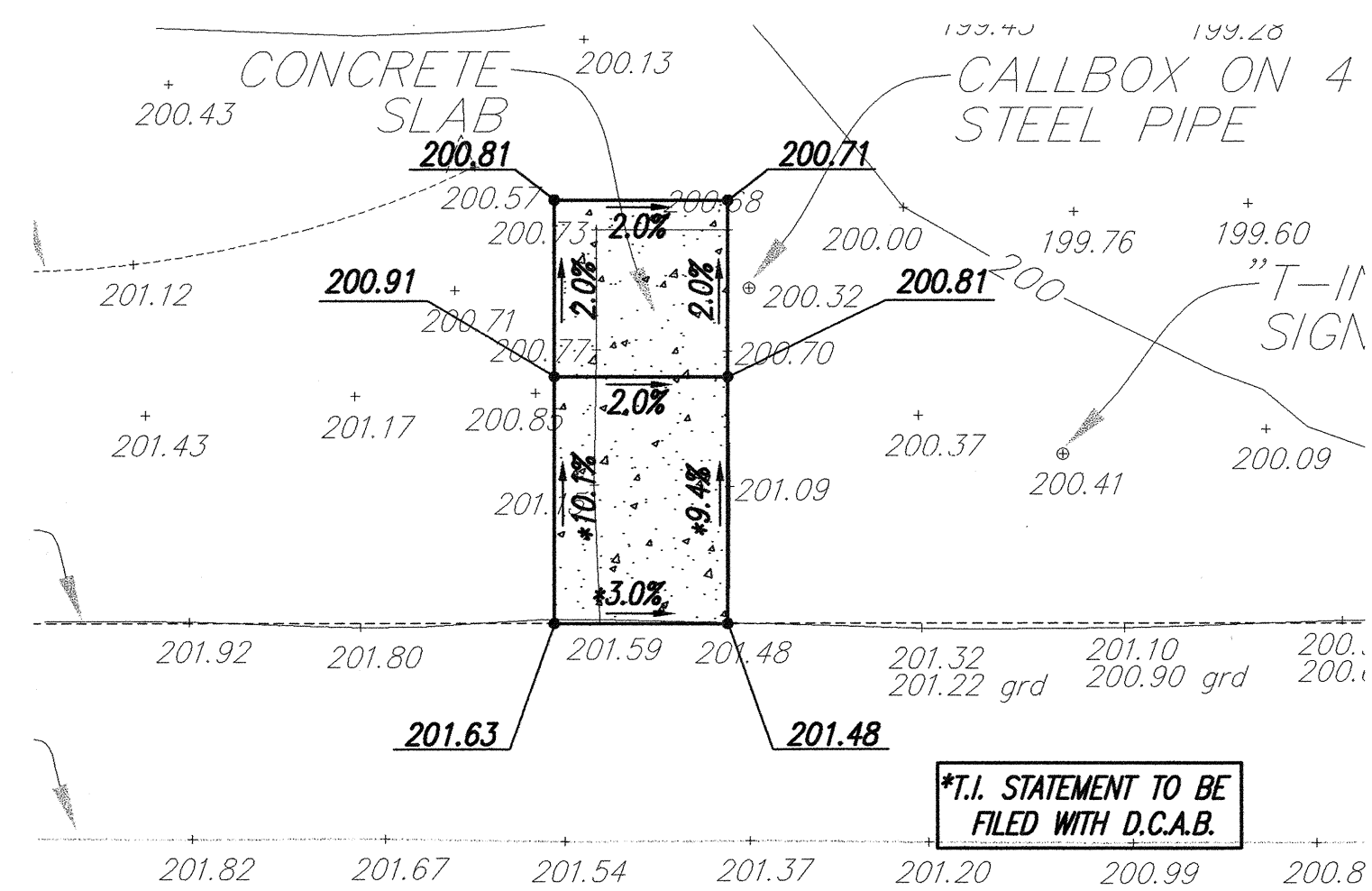
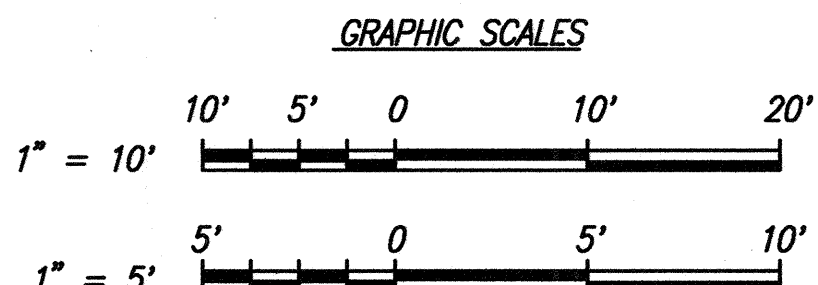
KULA HIGHWAY
EMERGENCY CALL BOX (DBID. 122404)

(M.P.=11.0, - LOCATION MAP ET4)
SCALE: 1" = 10'



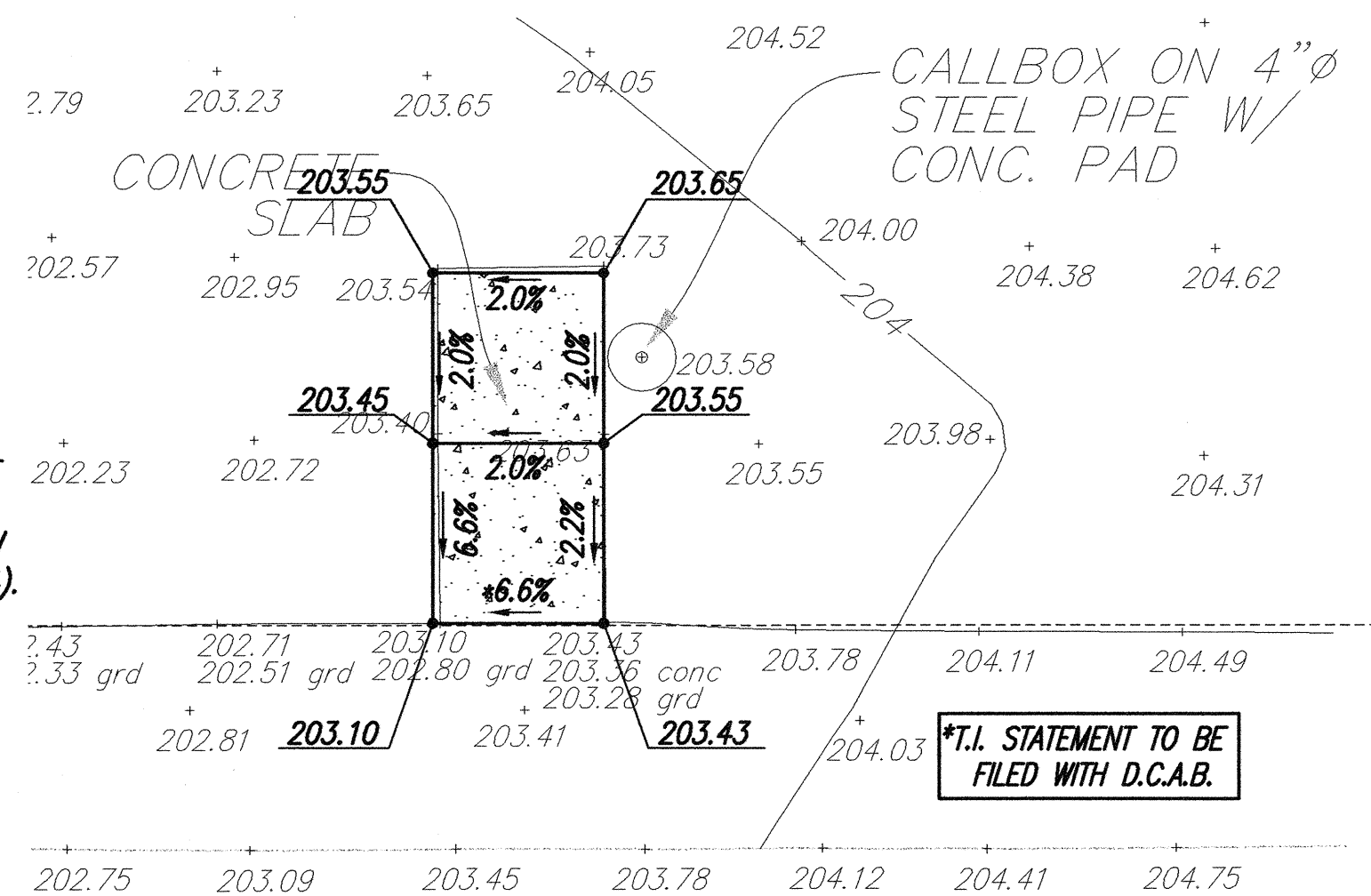
KULA HIGHWAY
EMERGENCY CALL BOX (DBID. 122504)

(M.P.=9.0, - LOCATION MAP ET4)
SCALE: 1" = 10'



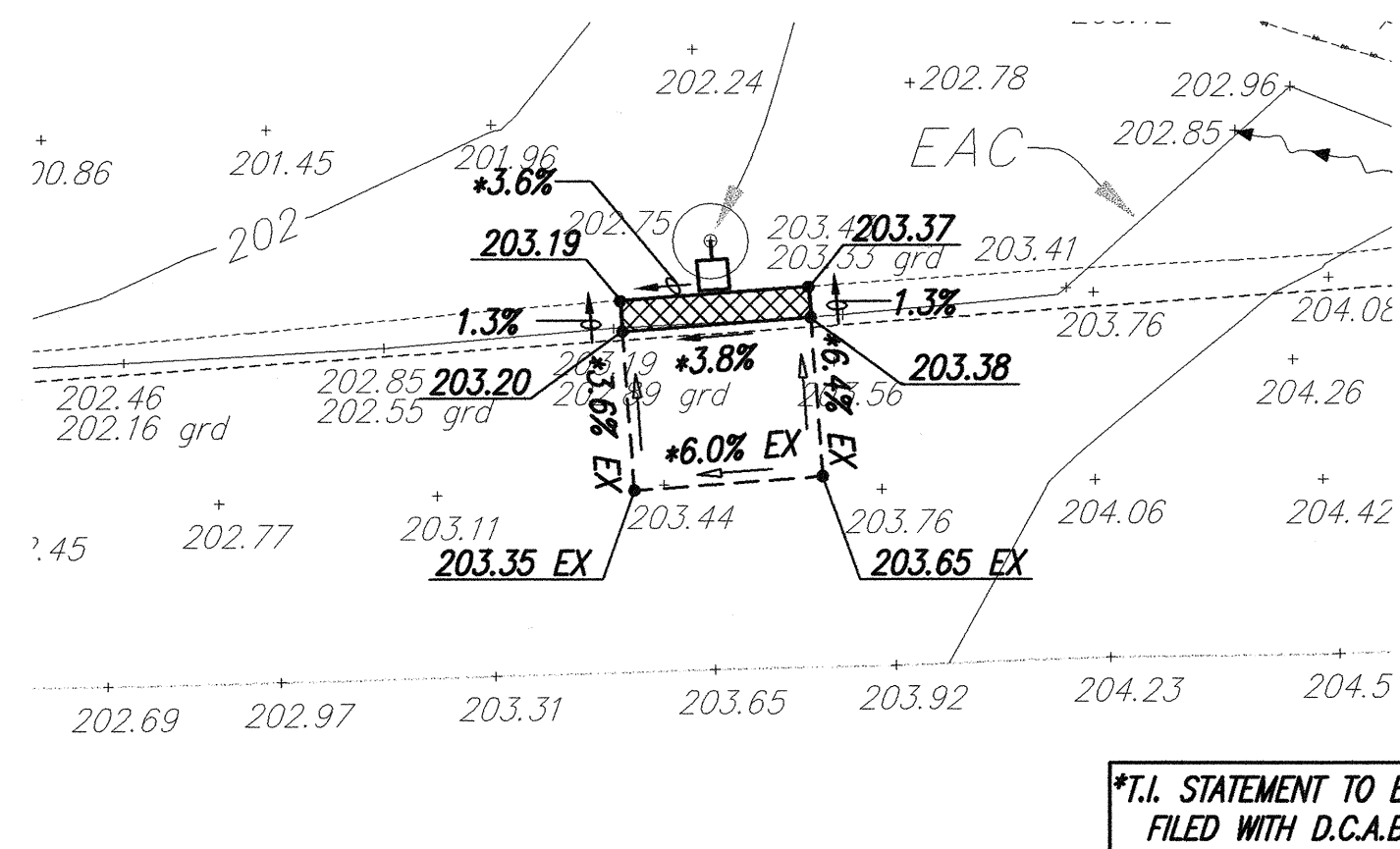
ENLARGEMENT (DBID. 122304)

SCALE: 1" = 5'



ENLARGEMENT (DBID. 122404)

SCALE: 1" = 5'



ENLARGEMENT (DBID. 122504)

SCALE: 1" = 5'



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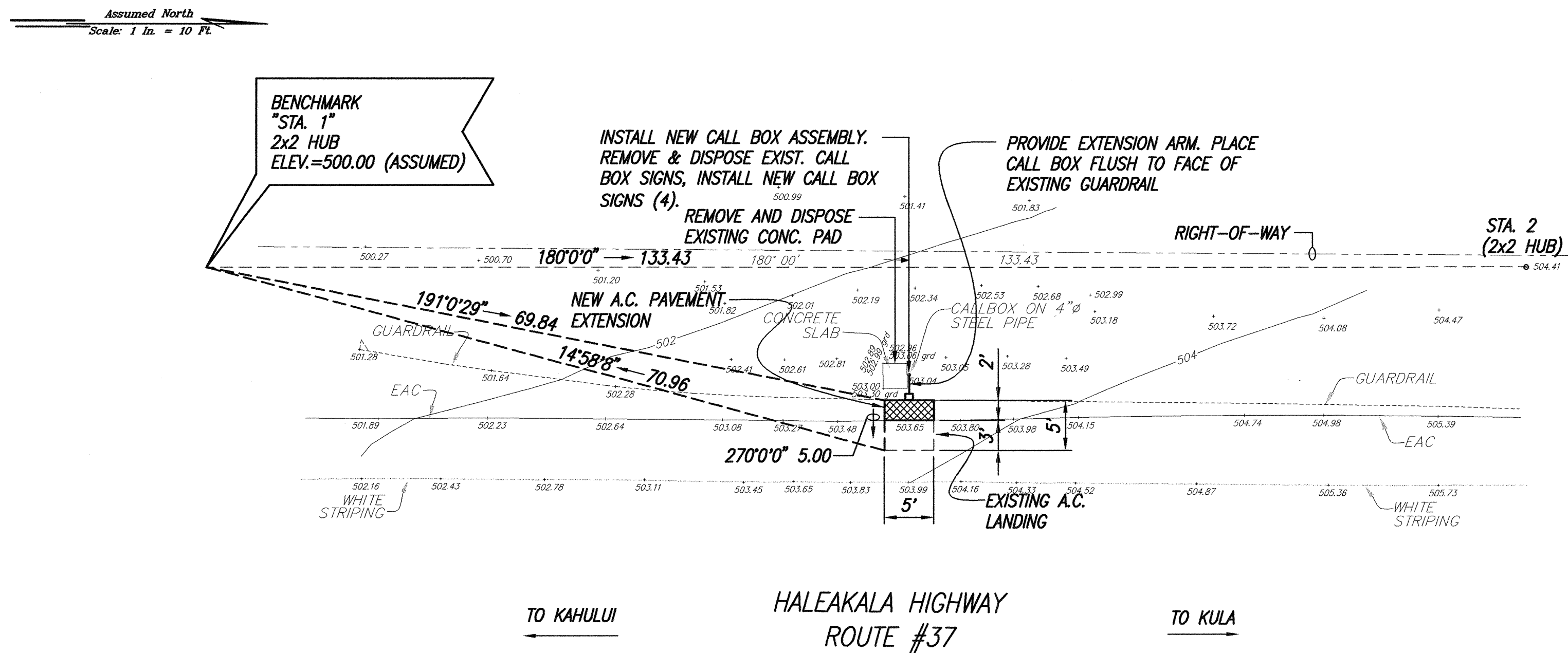
APRIL 30, 2006
WILSON OKAMOTO CORP. LIC. EXP. DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
KULA HIGHWAY ROUTE 37
SITE AND GRADING PLAN
Pedestrian Facilities & ADA Compliance
at Various Locations on Maui
Fed. Aid Proj. No. CMAQ-0900(67)R
Scale: As Shown Date: August 2004
SHEET No. ET14 OF 23 SHEETS

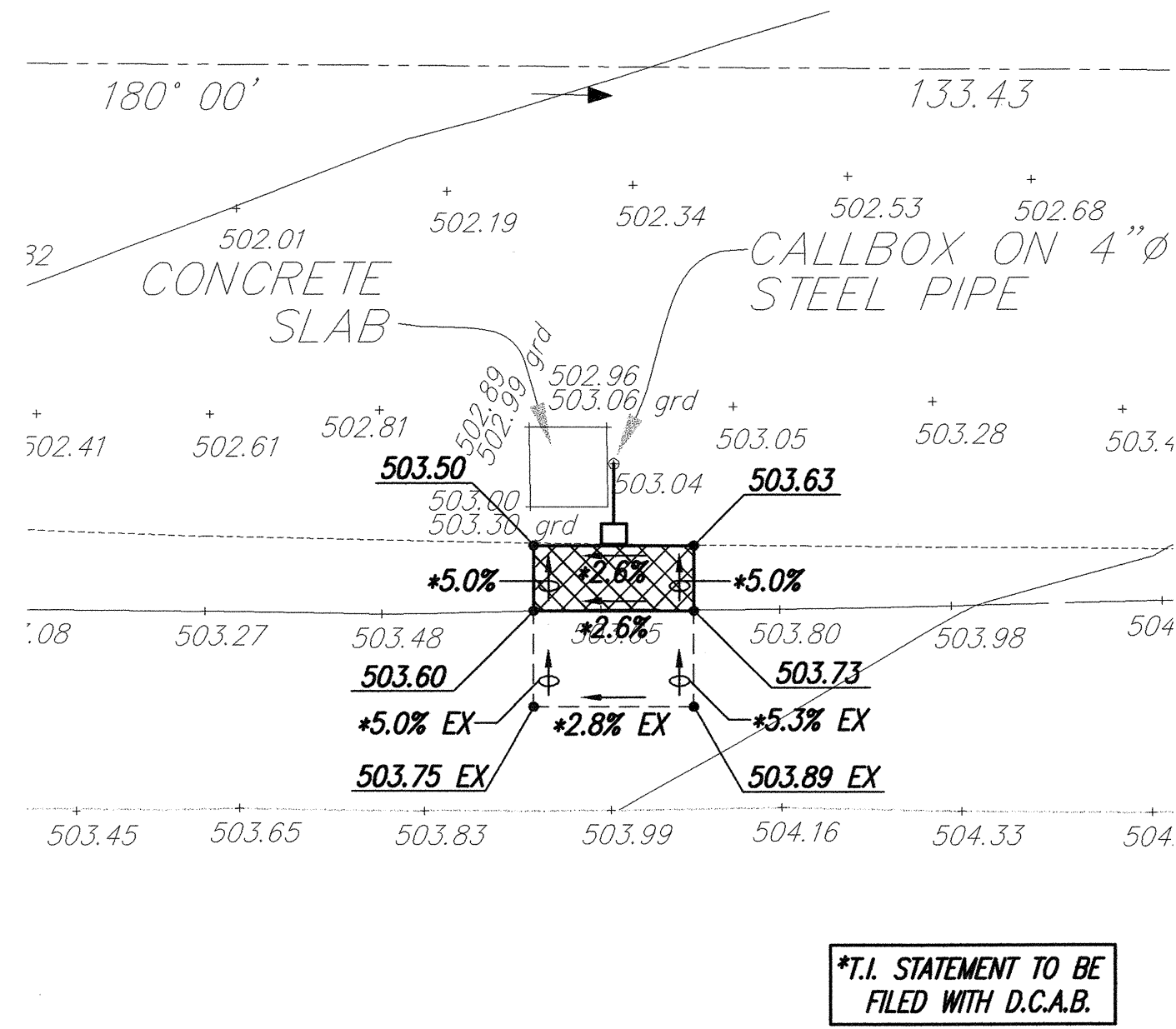
10/18/04 REVISED CALLOUTS

DATE REVISION

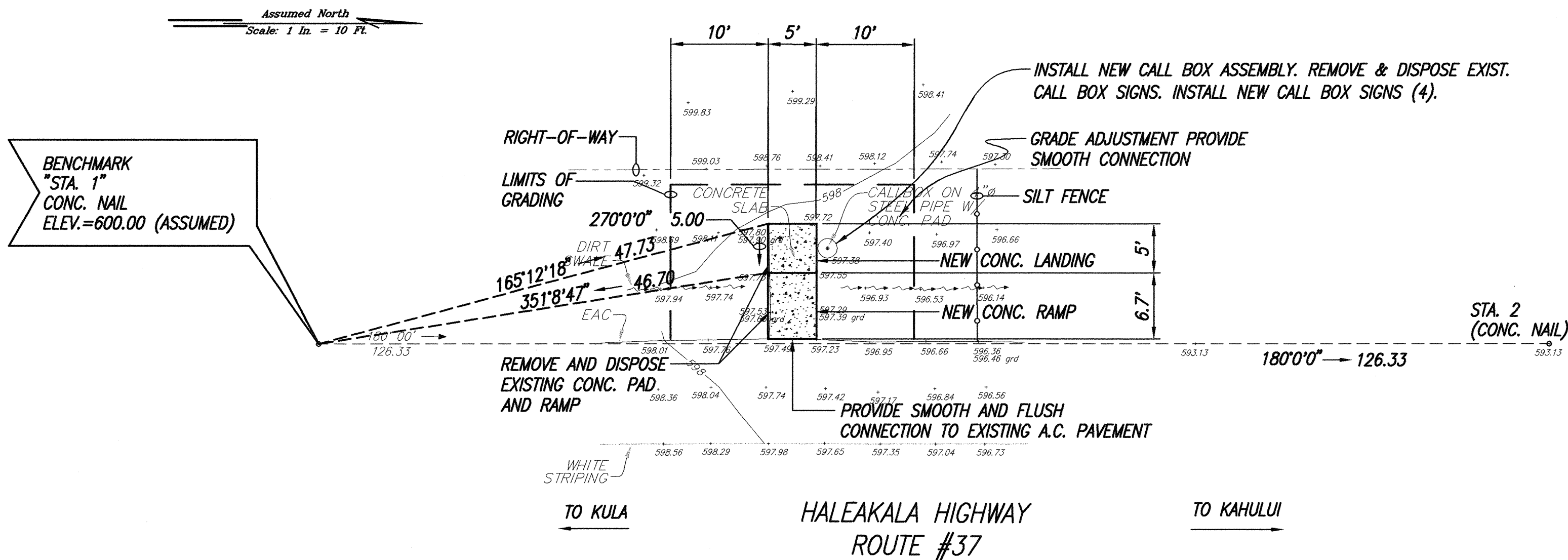
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0900(67)R	2004	ADD. 101	109



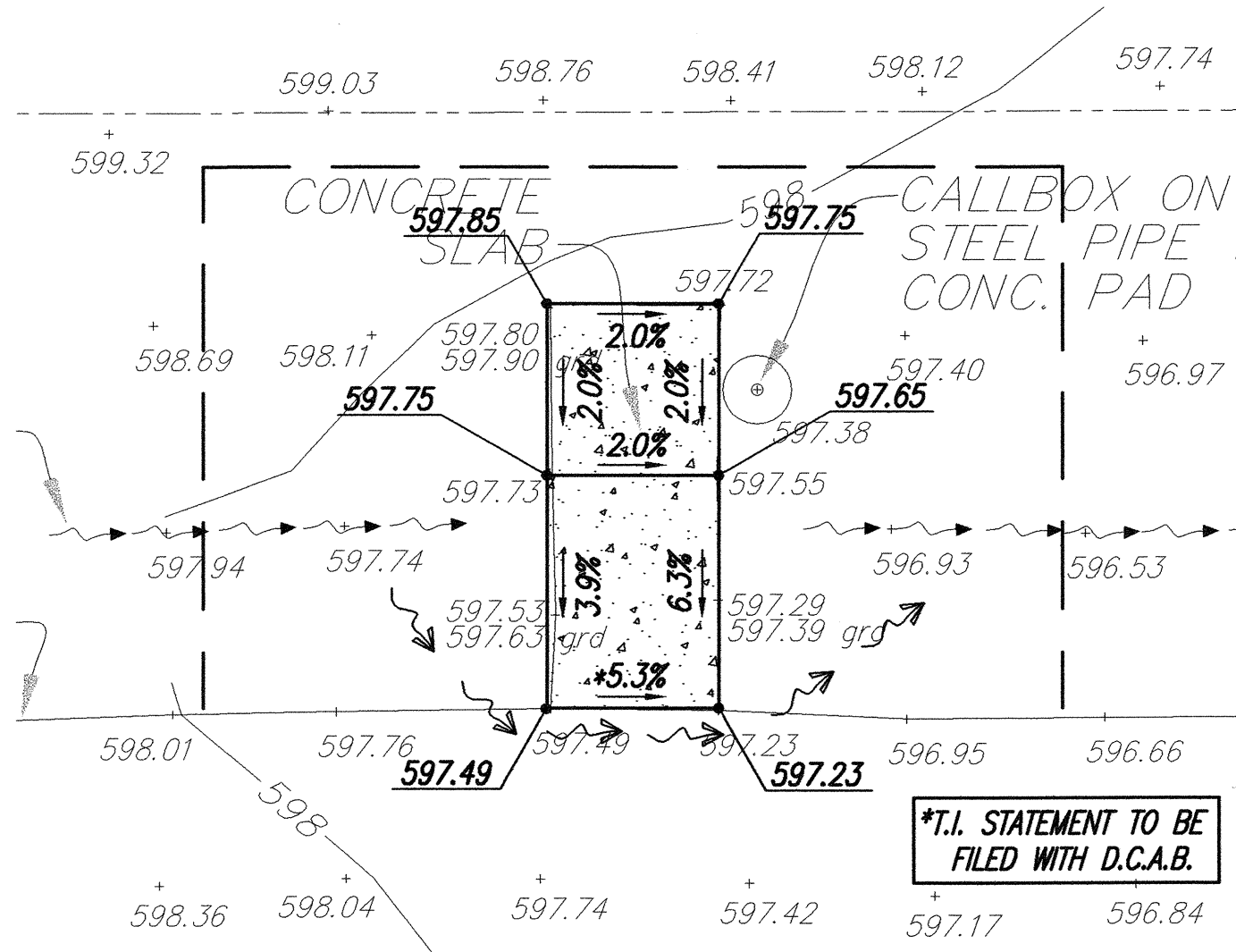
EMERGENCY CALL BOX (DBID. 122704)
(M.P.=3.0, - LOCATION MAP ET4)
SCALE: 1"= 10'



ENLARGEMENT DBID. 122704
SCALE: 1"= 5'

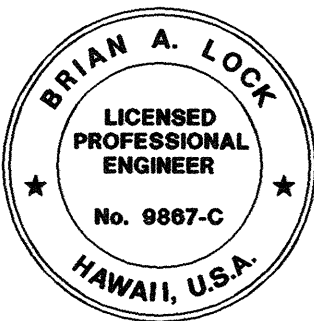
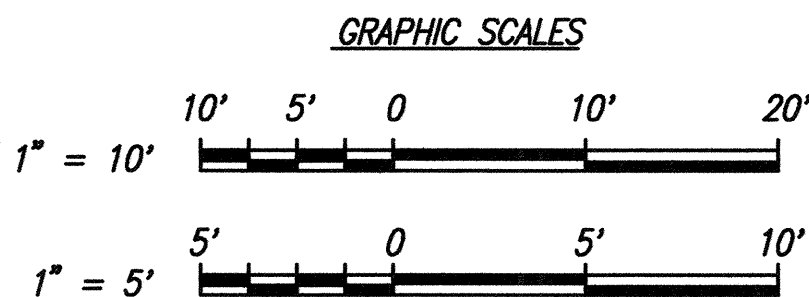


EMERGENCY CALL BOX (DBID. 121804)
(M.P.=5.0, - LOCATION MAP ET4)
SCALE: 1"= 10'



ENLARGEMENT DBID. 121804
SCALE: 1"= 5'

ORIGINAL PLAN	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
NO.	



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WILSON OKAMOTO CORP. APRIL 30, 2006 LIC. EXP. DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

HALEAKALA HIGHWAY ROUTE 37 SITE AND GRADING PLAN

Pedestrian Facilities & ADA Compliance at Various Locations on Maui

Fed. Aid Proj. No. CMAQ-0900(67)R

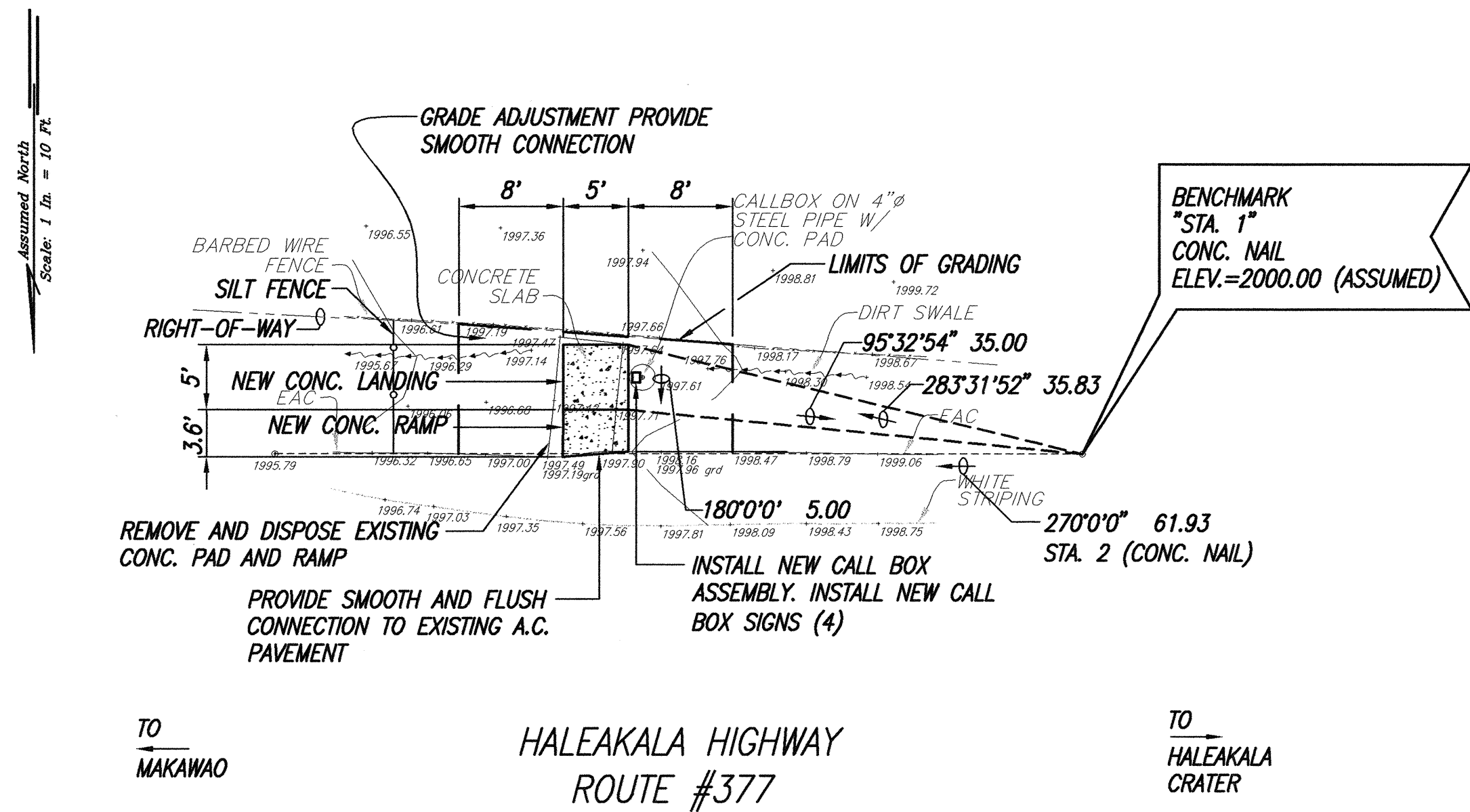
Scale: As Shown Date: August 2004

SHEET No. ET15 OF 23 SHEETS

10/18/2004 REVISED CALLOUTS

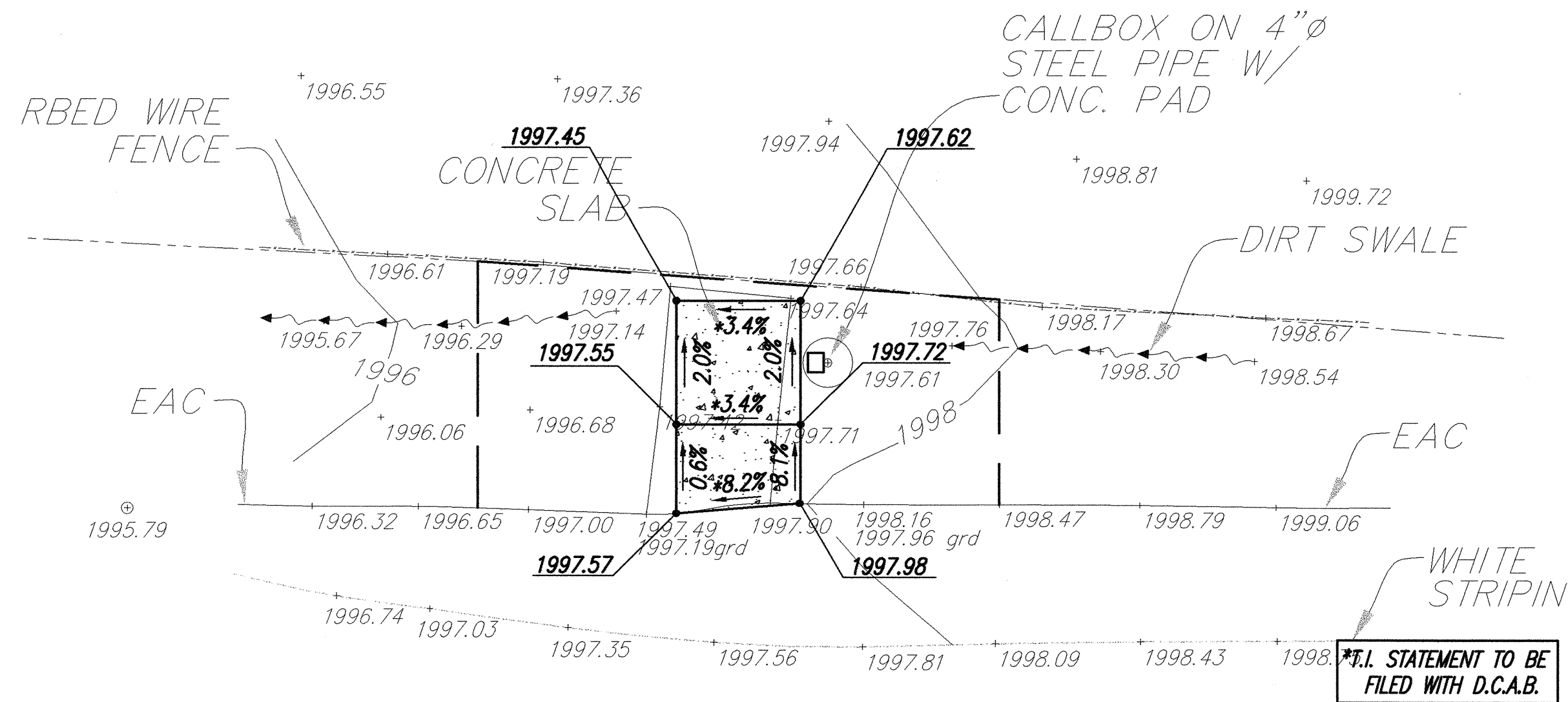
DATE REVISION

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0900(67)R	2004	ADD. 103	109



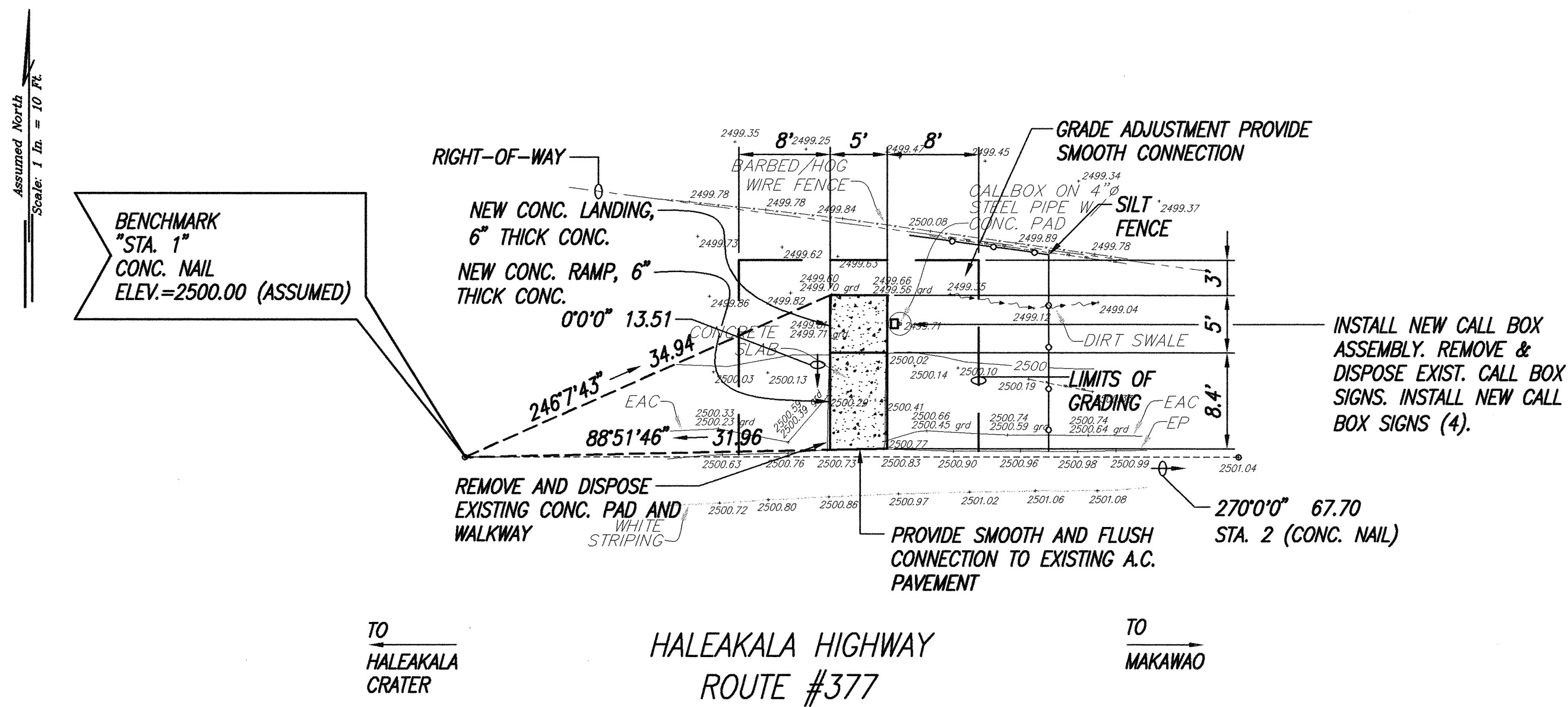
EMERGENCY CALL BOX (DBID. 122204)

(M.P.=1.2, - LOCATION MAP ET4)
SCALE: 1" = 10'



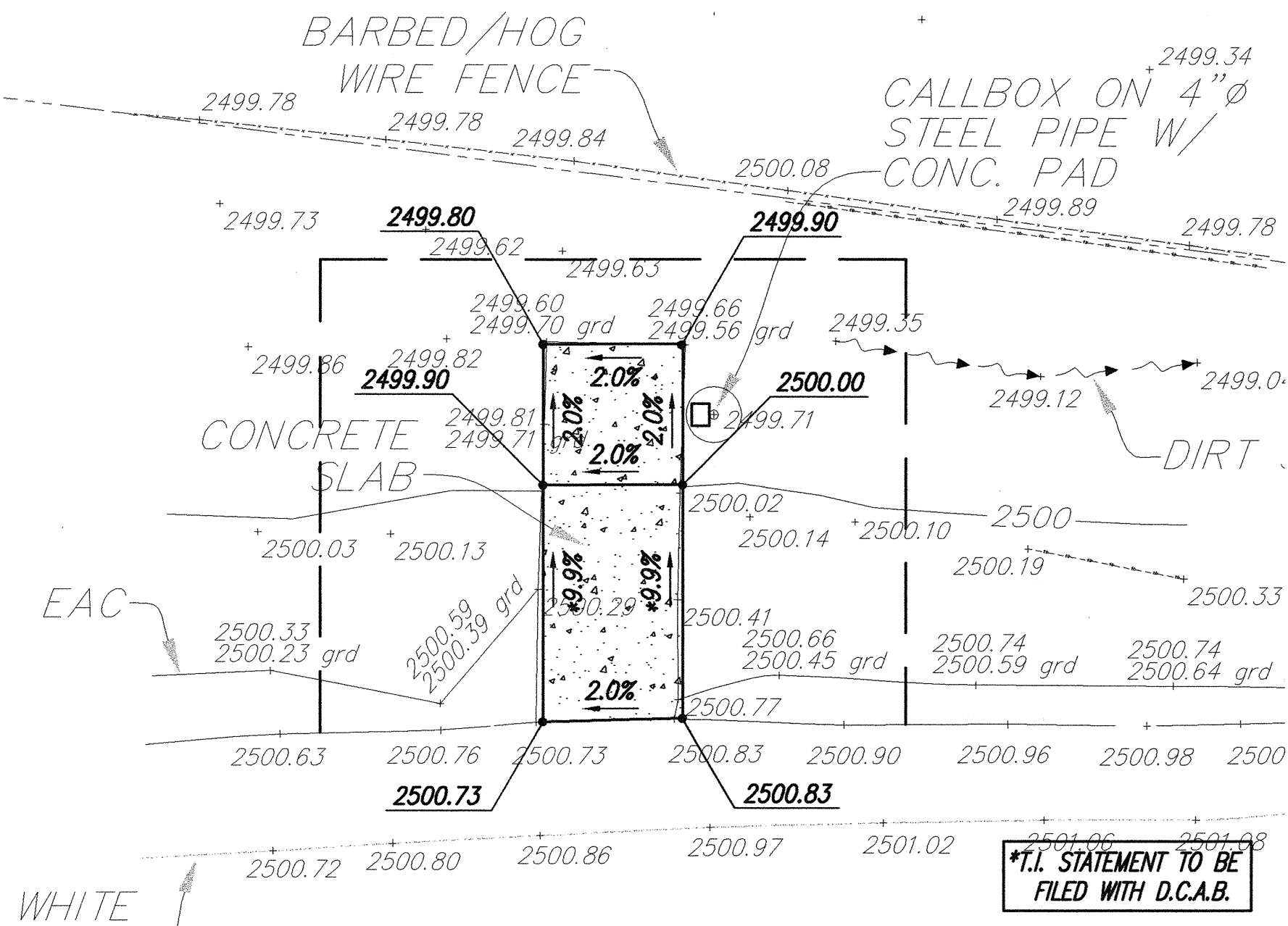
ENLARGEMENT (DBID. 122204)

SCALE: 1" = 5'



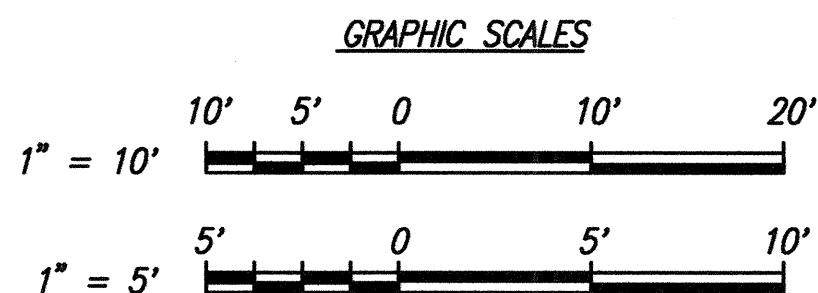
EMERGENCY CALL BOX (DBID. 121904)

(M.P.=3.0, - LOCATION MAP ET4)
SCALE: 1" = 10'



ENLARGEMENT (DBID. 121904)

SCALE: 1" = 5'



DATE	_____
SURVEY PLOTTED BY	_____
DESIGNED BY	_____
NOTED BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____
No.	_____



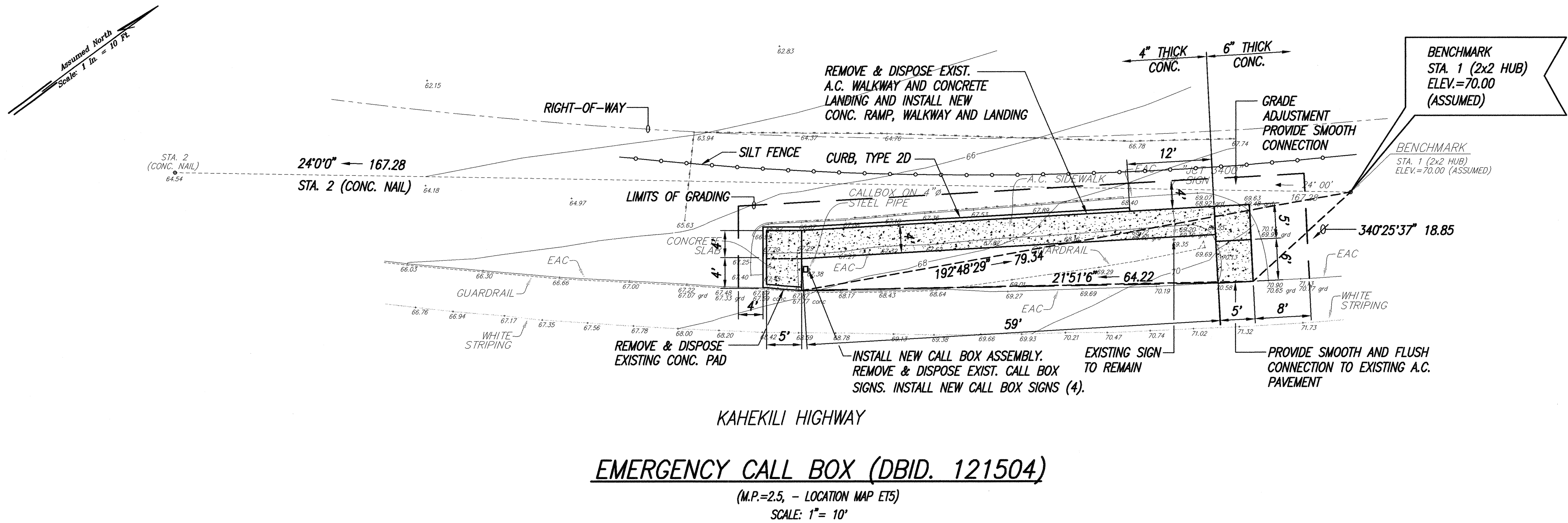
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.
OBSERVATION OF CONSTRUCTION IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".
APRIL 30, 2006
WILSON OKAMOTO CORP. LIC. EXP. DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
HALEAKALA HIGHWAY ROUTE
377 SITE AND GRADING PLAN
Pedestrian Facilities & ADA Compliance
at Various Locations on Maui
Fed. Aid Proj. No. CMAQ-0900(67)R
Scale: As Shown Date: August 2004
SHEET No. ET17 OF 23 SHEETS

10/18/2004 REVISED CALLOUTS

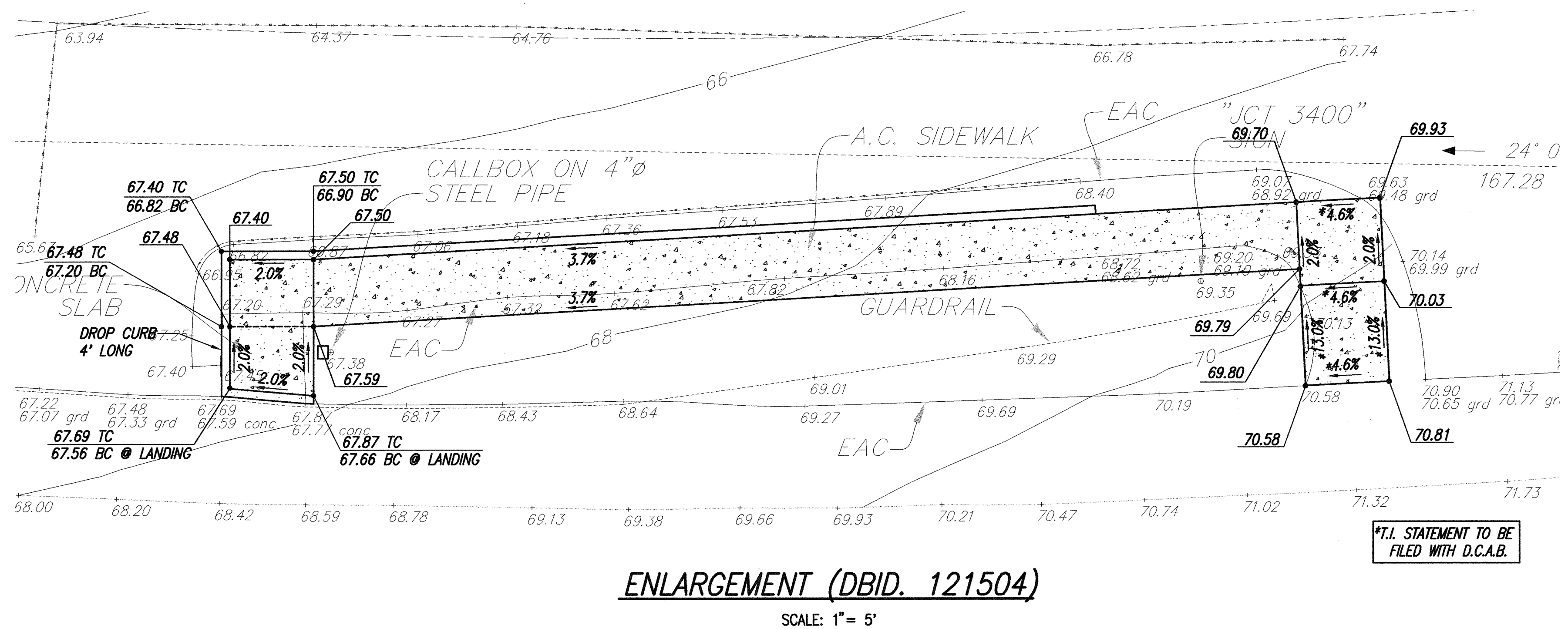
DATE REVISION

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAI'I	HAW.	CMAQ-0900(67)R	2004	ADD. 105	109



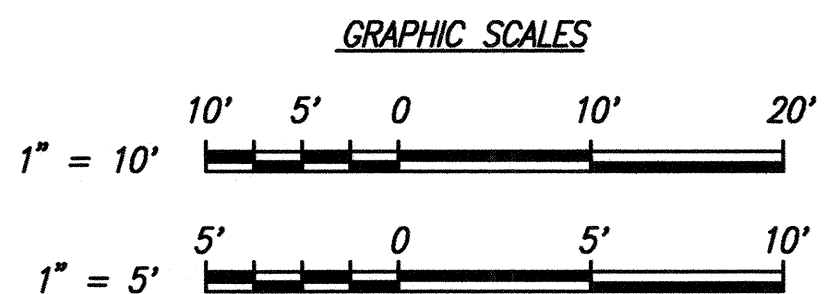
EMERGENCY CALL BOX (DBID. 121504)

(M.P.=2.5, - LOCATION MAP ETS)
SCALE: 1" = 10'

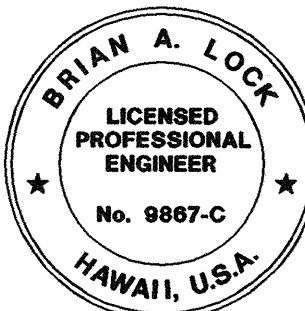


ENLARGEMENT (DBID. 121504)

SCALE: 1" = 5'



SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
CHECKED BY	
NOTE BOOK	
NO.	



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WILSON OKAMOTO CORP. LIC. EXP. DATE APRIL 30, 2008

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KAHEKILI HIGHWAY ROUTE 340

SITE AND GRADING PLAN

Pedestrian Facilities & ADA Compliance
at Various Locations on Maui
Fed. Aid Proj. No. CMAQ-0900(67)R

Scale: As Shown Date: August 2004

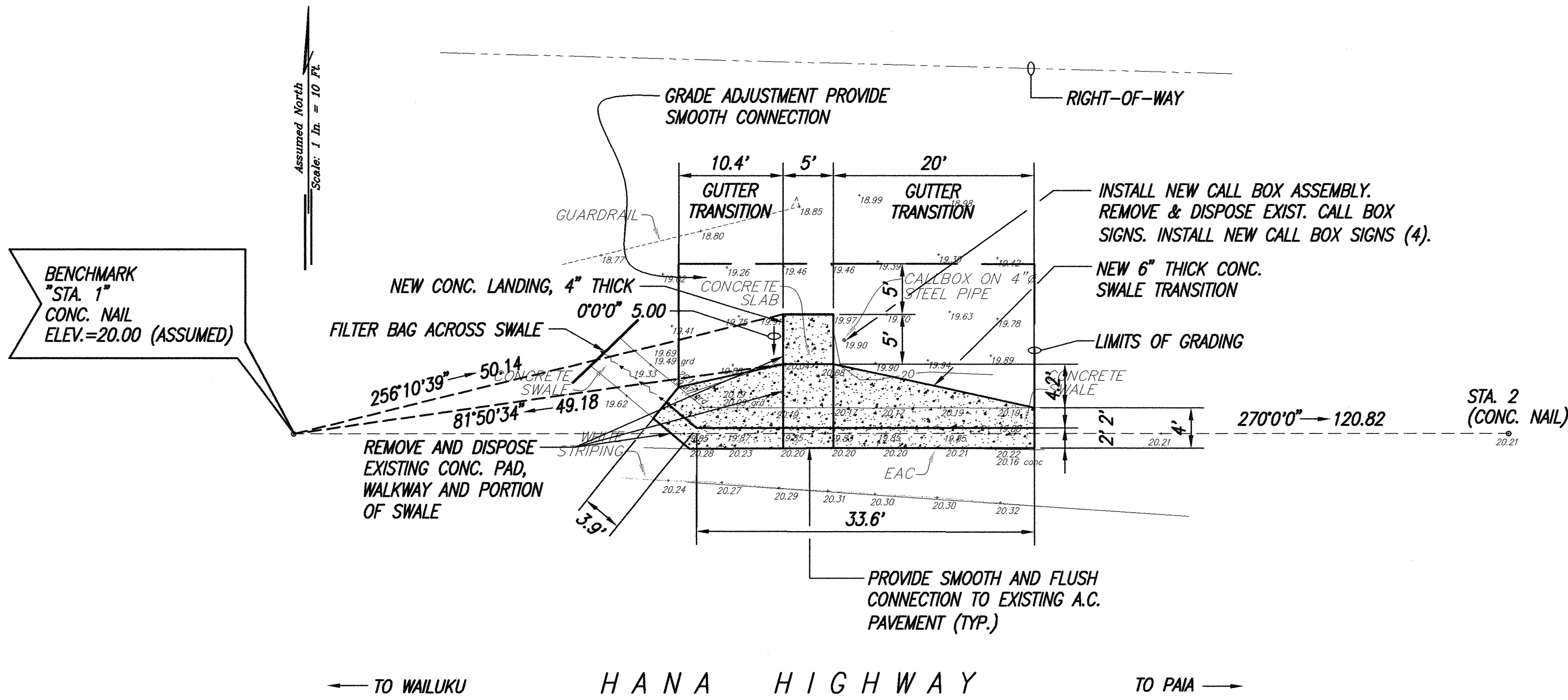
SHEET No. ET19 OF 23 SHEETS

10/18/2004 REVISED CALLOUTS

DATE

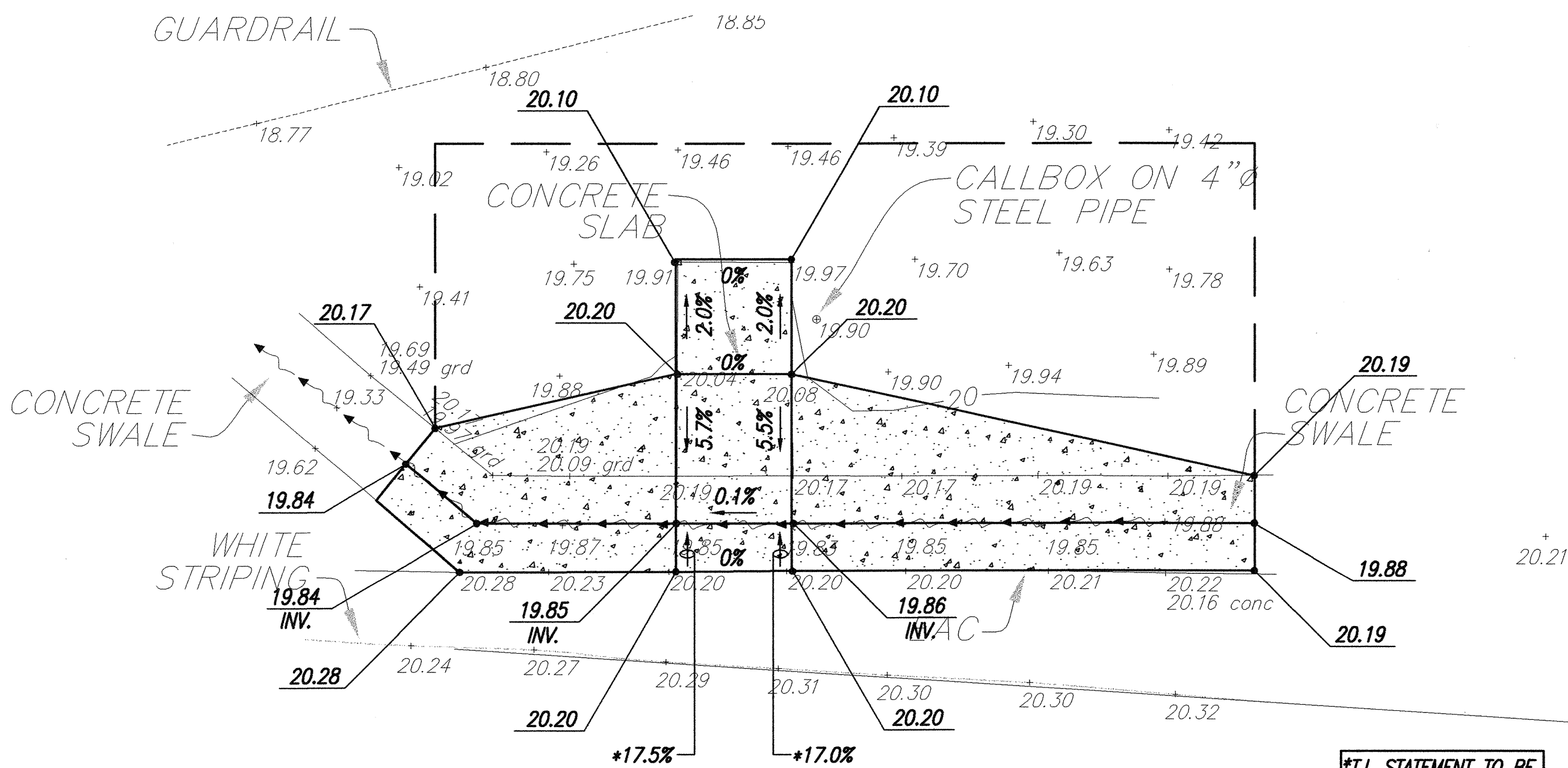
REVISION

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0900(67)R	2004	ADD. 107	109



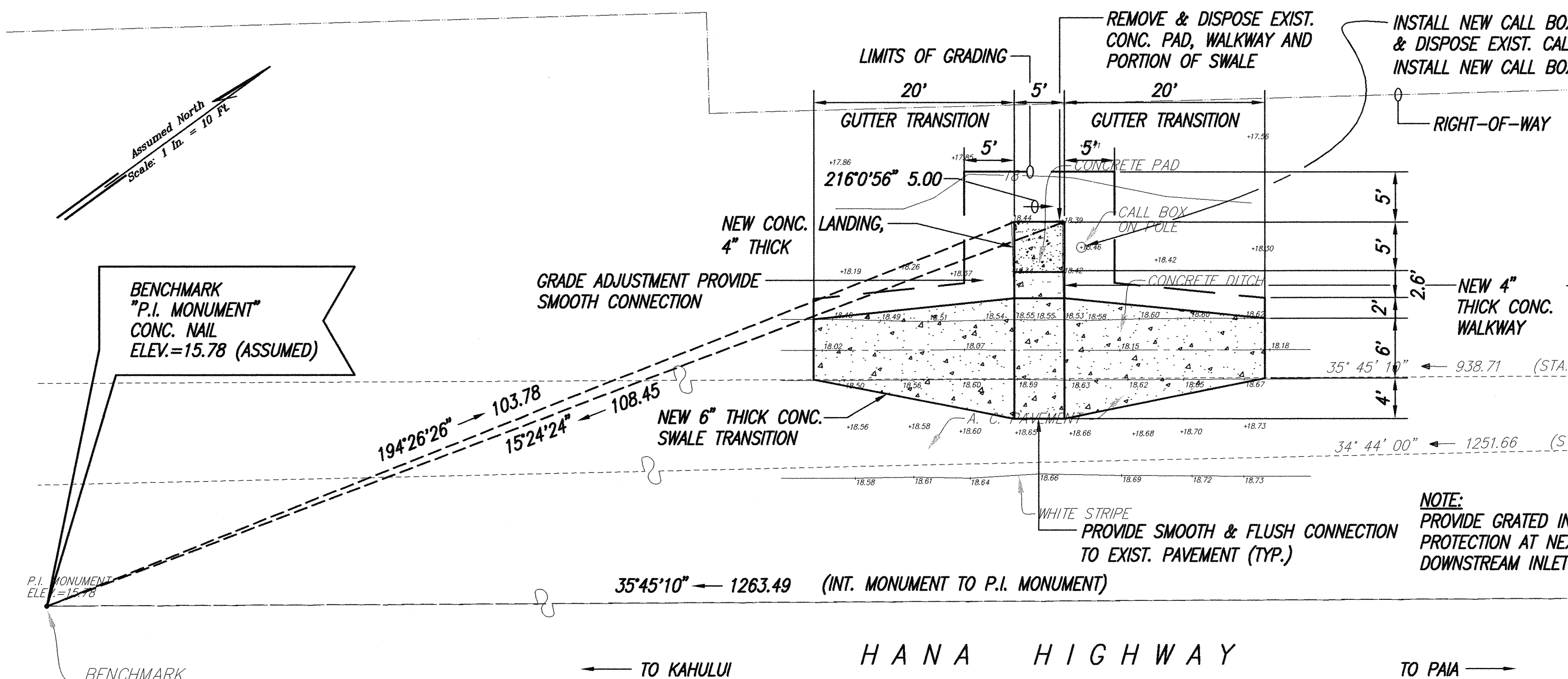
EMERGENCY CALL BOX (DBID. 10205)

(M.P.=1.0, - LOCATION MAP ET5)
SCALE: 1"= 10'



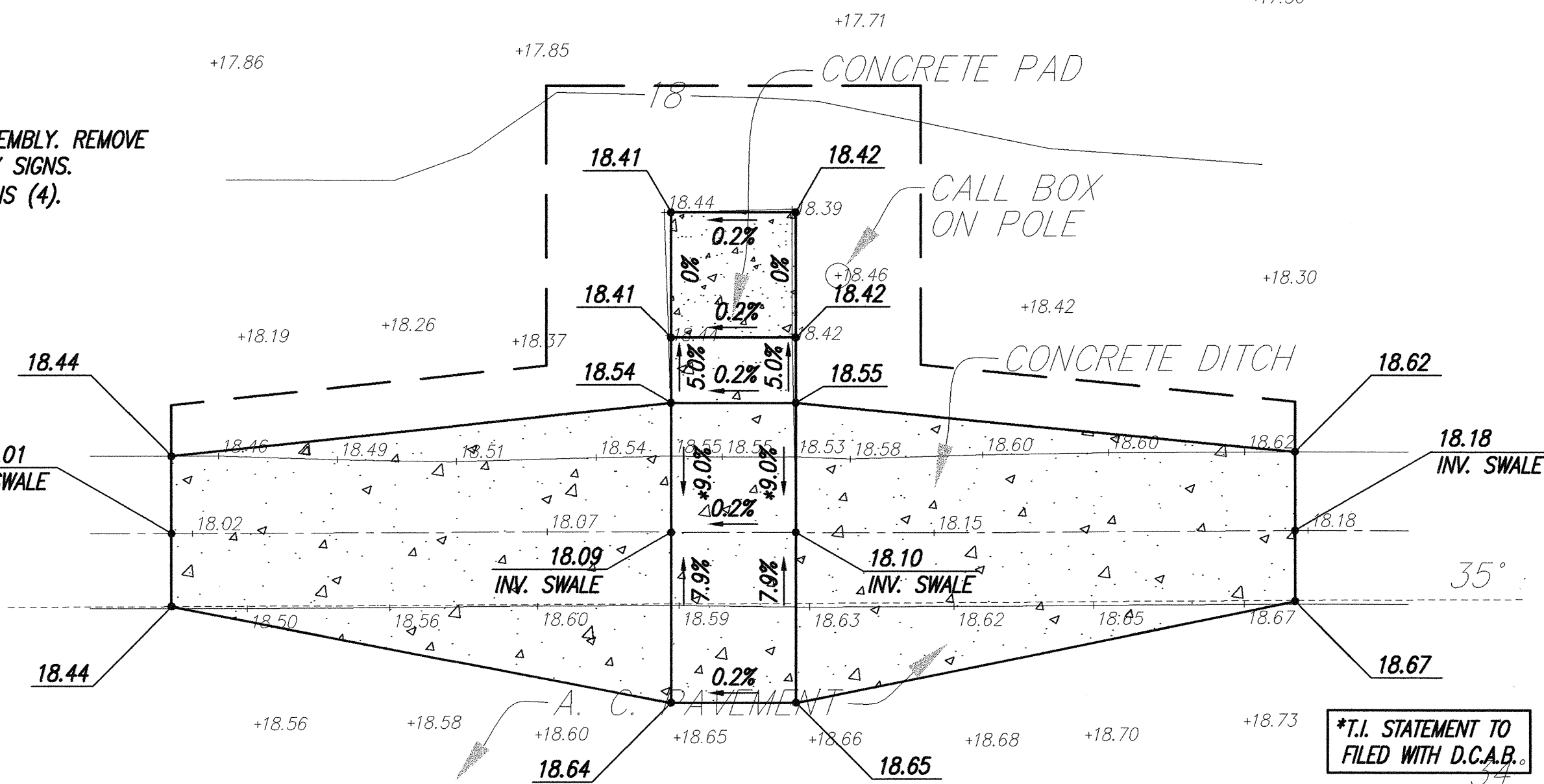
ENLARGEMENT (DBID. 10205)

SCALE: 1"= 5'



EMERGENCY CALL BOX (DBID. 10105)

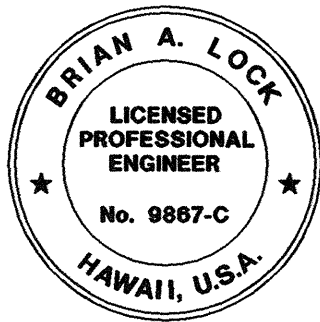
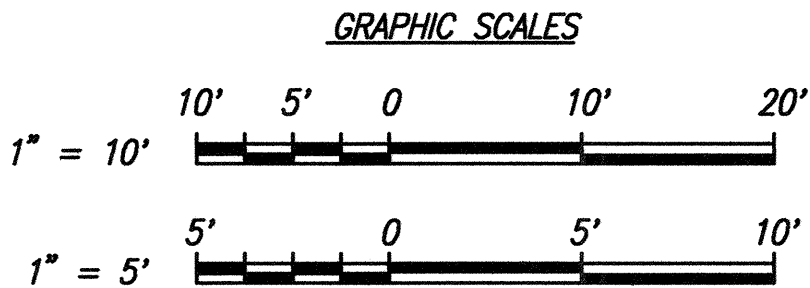
(M.P.=2.8, - LOCATION MAP ET5)
SCALE: 1"= 10'



ENLARGEMENT (DBID. 10105)

SCALE: 1"= 5'

DATE	BY
DESIGNED BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	



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WILSON OKAMOTO CORP. LIC. EXP. DATE APRIL 30, 2006

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HANA HIGHWAY ROUTE 36
SITE AND GRADING PLAN
Pedestrian Facilities & ADA Compliance
at Various Locations on Maui
Fed. Aid Proj. No. CMAQ-0900(67)R
Scale: As Shown Date: August 2004

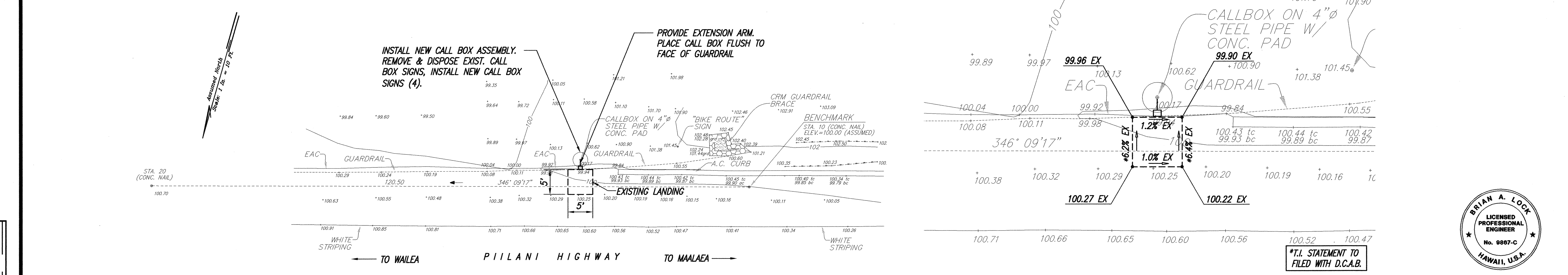
SHEET No. ET21 OF 23 SHEETS

(M.P.=5.6, - LOCATION MAP ETS)
SCALE: 1" = 10'

SCALE: 1 = 10'

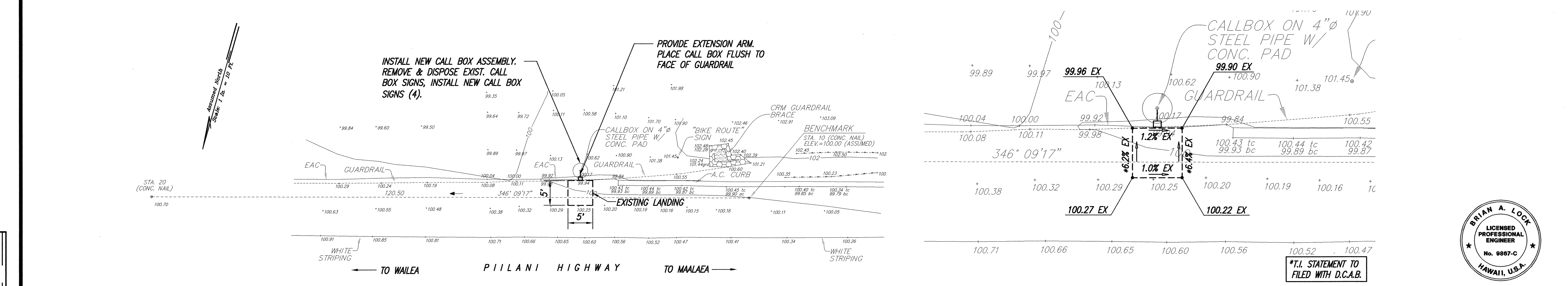
(M.P.=5.6, - LOCATION MAP ETS)
SCALE: 1" = 10'

SCALE: 1 = 10'



EMERGENCY CALL BOX (DBID. 121704)
(412-102) (LOCATION MAP ETC)

(M.P.=10.0, - LOCATION MAP ET5)
SCALE: 1"= 10'



EMERGENCY CALL BOX (DBID. 121704)

(A.P. 10-2, LOCATION MAP ETC.)

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"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE"

APRIL 30, 2008

(M.P.=10.0, - LOCATION MAP ET5)
SCALE: 1"= 10'

100.81 100.85 100.81 100.71 100.66 100.65 100.60 100.56 100.52 100.47 100.41 100.34 100.26

WHITE STRIPING

TO WAILEA

PILANI HIGHWAY

TO MAALAE

WHITE STRIPING

EMERGENCY CALL BOX (DBID. 121704)

(M.P.=10.0, - LOCATION MAP ET5)

SCALE: 1" = 10'

GRAPHIC SCALES

1" = 10'

1" = 5'

100.71 100.66 100.65 100.60 100.56 100.52 100.47

ENLARGEMENT (DBID. 121704)

SCALE: 1" = 5'

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".

APRIL 30, 2006

WILSON OKAMOTO CORP. LIC. EXP. DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PILANI HIGHWAY ROUTE 31

SITE AND GRADING PLAN

Pedestrian Facilities & ADA Compliance
at Various Locations on Maui
Fed. Aid Proj. No. CMAQ-0900(6Z)R

GRAPHIC SCALES



EMERGENCY CALL BOX (DBID. 121704)
 (M.P.=10.0, - LOCATION MAP ET5)
 SCALE: 1" = 5'

SCALE: 1" = 10'

GRAPHIC SCALES

1" = 10'

1" = 5'

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PILANI HIGHWAY ROUTE 31

SITE AND GRADING PLAN

Pedestrian Facilities & ADA Compliance
at Various Locations on Maui
Fed. Aid Proj. No. CMAQ-0900(67)R

10/18/2004 DELETED 122104 SITE & GRADING PLAN

Scale: As Shown Date: August 2004

1" = 5' 10/18/2004 DELETED 122104 SITE & GRADING PLAN Fed. Aid Proj. No. CMAQ-0900(67)R

		Scale: As Shown	Date: August 2004
DATE	REVISION		
SHEET No. ET22 OF 23 SHEETS			

10/18/2004	DELETED 122104 SITE & GRADING PLAN	Scale: As Shown	Date: August 2004
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		Scale: As Shown	Date: August 2004
DATE	REVISION		
SHEET No. ET22 OF 23 SHEETS			

					ADD. 108
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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0900(67)R	2004	109	109

NOTES:

- CW20-1d SIGN REQUIRED FOR POSTED SPEED LIMIT OF 45 M.P.H. OR GREATER.
- SEE TABLE 1 ON THIS SHEET FOR ADDITIONAL DIMENSIONS.
- THE ADVISORY SPEED (XX) SHALL AS SHOWN IN TABLE 1 ON THIS SHEET.
- FOR WORK BEING PERFORMED IN THE LEFT LANE LEFT LANE CLOSURE SIGNS AND TAPER SHALL BE SUBSTITUTED.

LEGEND

- ↓ SIGN
• CONE OR DELINEATOR
→ DIRECTION OF TRAFFIC
|| FLASHING ARROW SIGN

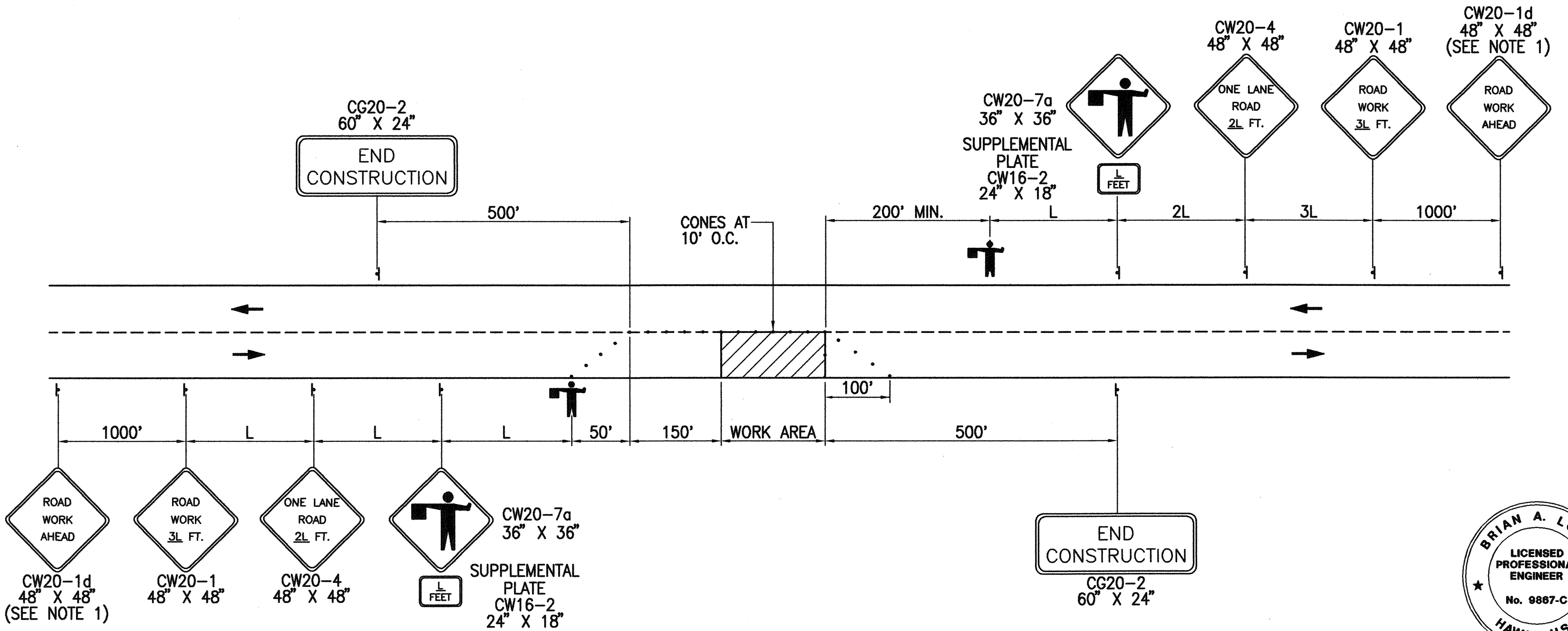
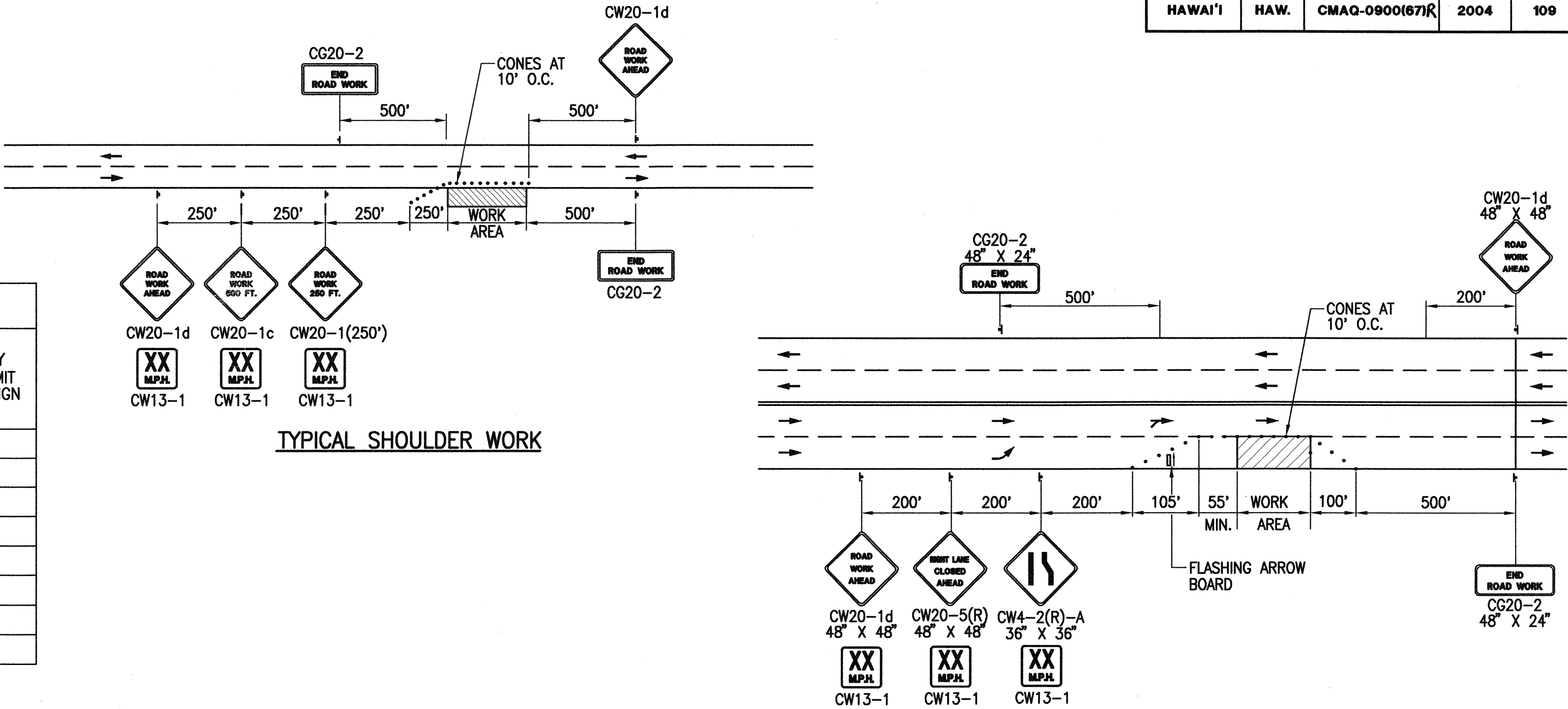
TABLE 1 FOR TRAFFIC CONTROL PLAN							
POSTED SPEED LIMIT (M.P.H.)	SIGN SPACING (L) (FEET)	TAPER LENGTH (T) (FEET)		SPACING OF CONES OR DELINEATORS (FEET) ③			ADVISORY SPEED LIMIT (M.P.H.) SIGN
		W=12' OR LESS ②	W=GREATER THAN 12' ②	TAPER	TANGENT	WORK AREA	
20	250	200	Wx17	20	20	10	10
25	250	200	Wx17	25	25	10	15
30	250	250	Wx20	30	30	10	20
35	250	250	Wx20	35	35	10	25
40	500	350	Wx30	40	40	10	30
45	500	550	Wx45	45	45	10	35
50	1000	600	Wx50	50	50	10	40
55	1000	700	Wx55	55	55	10	45

NOTES:

- USE ADVISORY SPEEDS WHEN POSTED
- W=WIDTH OF LANE OR OFFSET
- NOT APPLICABLE FOR TWO-LANE HIGHWAYS

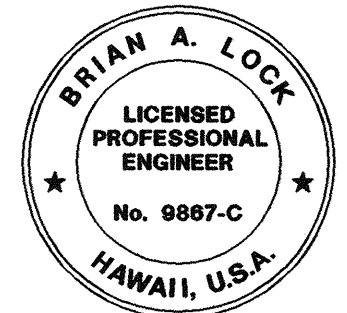
GENERAL NOTES FOR TRAFFIC CONTROL PLAN

- THE PERMITTEE SHALL MAKE MINOR ADJUSTMENTS AT INTERSECTIONS, DRIVEWAYS, BRIDGES, STRUCTURES, ETC., TO FIT FIELD CONDITIONS.
- CONES OR DELINEATORS SHALL BE EXTENDED TO A POINT WHERE THEY ARE VISIBLE TO APPROACHING TRAFFIC.
- TRAFFIC CONTROL DEVICES SHALL BE INSTALLED SUCH THAT THE SIGN OR DEVICE FARTEST FROM THE WORK AREA SHALL BE PLACED FIRST. THE OTHERS SHALL THEN BE PLACED PROGRESSIVELY TOWARD THE WORK AREA.
- REGULATORY AND WARNING SIGNS WITHIN THE CONSTRUCTION ZONE THAT ARE IN CONFLICT WITH THE TRAFFIC CONTROL PLANS SHALL BE REMOVED OR COVERED. ALL SIGNS SHALL BE RESTORED UPON COMPLETION OF THE WORK.
- FLAGGERS AND/OR POLICE OFFICERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES.
- SIGNS AND CONES OR DELINEATORS SHALL BE PLACED AS SHOWN ON THE TRAFFIC CONTROL PLANS.
- ALL TRAFFIC LANES SHALL BE A MINIMUM OF 10 FEET WIDE.
- ALL CONSTRUCTION WARNING SIGNS SHALL BE PROMPTLY REMOVED OR COVERED WHENEVER THE MESSAGE IS NOT APPLICABLE OR NOT IN USE.
- THE BACKS OF ALL SIGNS USED FOR TRAFFIC CONTROL SHALL BE APPROPRIATELY COVERED TO PRECLUDE THE DISPLAY OF INAPPLICABLE SIGN MESSAGES (I.E., WHEN SIGNS HAVE MESSAGES ON BOTH FACES).
- AT THE END OF EACH DAY'S WORK, OR AS SOON AS THE WORK IS COMPLETED, THE PERMITTEE SHALL REMOVE ALL TRAFFIC CONTROL DEVICES NO LONGER NEEDED TO PERMIT FREE AND SAFE PASSAGE OF PUBLIC TRAFFIC. REMOVAL SHALL BE IN THE REVERSE ORDER OF INSTALLATION.
- REPLACE PERMANENT PAVEMENT MARKINGS AND TRAFFIC SIGNS UPON COMPLETION OF EACH PHASE OF WORK.
- RELOCATE EXISTING STOP SIGNS, ETC. AS NECESSARY FOR CONSTRUCTION AND DETOUR OPERATIONS.
- DEVIATION FROM THE APPROVED TRAFFIC CONTROL PLAN WILL NOT BE PERMITTED, UNLESS WRITTEN APPROVAL IS OBTAINED FROM THE ENGINEER.



TWO-LANE HIGHWAY - ONE LANE CLOSED

TYPICAL TRAFFIC CONTROL PLAN
NOT TO SCALE



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WILSON OKAMOTO CORP. L.C. EXP. DATE
APRIL 30, 2006

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TRAFFIC CONTROL PLANS
AND NOTES
*Pedestrian Facilities & ADA Compliance
at Various Locations on Maui*
Fed. Aid Proj. No. CMAQ-0900(67) R
Scale: As Shown Date: August 2004
SHEET No. ET23 OF 23 SHEETS