


**DEPARTMENT OF PUBLIC WORKS
COUNTY OF HAWAII
HILO, HAWAII**

DATE: February 20, 2024

Memorandum

TO: HWY
TRF

FROM:  for Stephen M. Puase, P.E., Director

SUBJECT: BEGIN COUNTY MAINTENANCE
Kupulau Meadows Phase II
Subdivision No. SUB-97-000047
Grantor: Foliage Partners, Kupulau Anthurium Partners, and
Andraea Partners
Location: Waiakea, South Hilo
Roadway TMK: 2-4-076:052
Folder No.: 24761

On February 7, 2024, the roadway lot within the subject subdivision was dedicated to the County. Please begin maintenance within your respective area.

A copy of construction plans and Resolution No. 407-24, along with the dedication location map, are transmitted with this memo.

Total roadway length dedicated = 1,060 lineal feet = 0.2 miles.

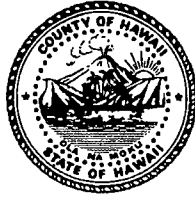
UIC documents (UH-2215) related to this project were previously sent to Highways.

Traffic may contact Vern Inouye at vbinouye@aol.com to obtain the last HELCO invoice.

Questions may be referred to Robyn Matsumoto at ext. 8924.

RM

Attachments

RESOLUTION NO. 407 24

A RESOLUTION ACCEPTING THE DEDICATION OF A ROADWAY LOT, CONTAINING AN AREA OF 54, 424 SQUARE FEET, IN THE KUPULAU MEADOWS SUBDIVISION, PHASE II, PORTION OF GRANT 9460 TO HENRIETTA D. HOLT, BEING IDENTIFIED AS TMK NO. (3) 2-4-076-052, SITUATED AT WAIĀKEA, DISTRICT OF SOUTH HILO, ISLAND AND COUNTY OF HAWAI'I, STATE OF HAWAI'I FROM FOLIAGE PARTNERS, A HAWAI'I LIMITED PARTNERSHIP, KUPULAU ANTHURIUM PARTNERS, A HAWAI'I LIMITED PARTNERSHIP, AND ANDRAEA PARTNERS, A HAWAI'I LIMITED PARTNERSHIP.

WHEREAS, FOLIAGE PARTNERS, a Hawai'i Limited Partnership, KUPULAU ANTHURIUM PARTNERS, a Hawai'i Limited Partnership, and ANDRAEA PARTNERS, a Hawai'i Limited Partnership (hereinafter "Owners"), are the owners of Roadway Lot, Kupulau Meadows Subdivision, Phase II, identified as TMK No. (3) 2-4-076-052, Situated at Waiākea, District of South Hilo, Island and County of Hawai'i, State of Hawai'i, as described in Exhibit A, and delineated in Exhibit B, which are attached hereto and made part of hereof; and

WHEREAS, Owners are desirous of dedicating the Roadway and all improvements thereon to the County of Hawai'i, a municipal corporation of the State of Hawai'i (hereinafter, the "County of Hawai'i"), and the Roadway and improvements have been inspected and approved by the Department of Public Works, and received dedication approval from the Department of Water Supply, the Planning Department, and the Department of Environmental Management; and

WHEREAS, Section 23-10 of the Hawai'i County Code prohibits the Council from receiving by dedication any streets in any subdivision platted after December 2, 1966 except upon full compliance with provisions of Chapter 23; and

WHEREAS, Article XIII, Section 13-12 of the Hawai'i County Charter provides that the Council may accept gifts, including real estate or any interest in real estate, on behalf of the County of Hawai'i; now, therefore,

BE IT RESOLVED BY THE COUNCIL OF THE COUNTY OF HAWAI'I that it finds the subject roadways and improvements thereon are in full compliance with provisions of Chapter 23 of the Hawai'i County Code as certified and approved by all applicable agencies, and that it is in the public interest to accept such a dedication.

BE IT FURTHER RESOLVED BY THE COUNCIL OF THE COUNTY OF HAWAI'I, in accordance with Article XIII, Section 13-12 of the Hawai'i County Charter and Chapter 23 of the Hawai'i County Code, that the County of Hawai'i accepts the dedication of the Roadway for public road purposes.

BE IT FINALLY RESOLVED that the County Clerk shall transmit a copy of this resolution to (1) Mitchell D. Roth, Mayor of Hawai'i County; (2) the Department of Public Works; (3) Deputy Corporation Counsel Sinclair Salas-Ferguson; (4) Foliage Partners, Kupulau Anthurium Partners, and Andraea Partners, 215 Paukaa Drive, Hilo, Hawai'i 96720.

Dated at Hilo, Hawai'i, this 7th day of February, 2024.

INTRODUCED BY:


COUNCIL MEMBER, COUNTY OF HAWAI'I

COUNTY COUNCIL
County of Hawai'i
Hilo, Hawai'i

I hereby certify that the foregoing RESOLUTION was by the vote indicated to the right hereof adopted by the COUNCIL of the County of Hawai'i on February 7, 2024.

ATTEST:

 COUNTY CLERK
 CHAIRPERSON & PRESIDING OFFICER

ROLL CALL VOTE

	AYES	NOES	ABS	EX
EVANS	X			
GALIMBA			X	
INABA	X			
KAGIWADA	X			
KĀNEALI'I-KLEINFELDER	X			
KIERKIEWICZ	X			
KIMBALL	X			
LEE LOY	X			
VILLEGAS	X			
	8	0	1	0

Reference: C-681/LAAC -47
RESOLUTION NO. 407 24

EXHIBIT A

ROADWAY LOT

KUPULAU MEADOWS SUBDIVISION, PHASE II PORTION OF GRANT 9460 TO HENRIETTA D. HOLT

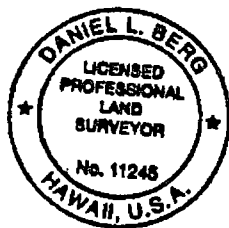
Land situated at Waiakea, South Hilo, Island of Hawaii, Hawaii

Beginning at the northwest corner of this parcel of land, also being at the south side of Koaniani Street, the coordinates of said point of beginning referred to Government Survey Triangulation Station "HALAI" being 15,220.67 feet South and 4,771.13 feet West and thence running by azimuths measured clockwise from true South:

- | | | | |
|----|--------------|-------------|--|
| 1. | 265° 40' 00" | 110.00 feet | along the south side of Koaniani Street; |
| 2. | 40° 40' 00" | 42.43 feet | Thence, on a tangent curve to the left having a radius of 30.00 feet, the direct chord azimuth and distance being: along Lot 16; |
| 3. | 355° 40' 00" | 957.60 feet | along Lots 16, 15, 14, 13, 12, 11, 10 and 9; |
| 4. | 43° 51' 23" | 67.08 feet | Thence, on a tangent curve to the right having a radius of 45.00 feet, the direct chord azimuth and distance being: along Lot 9; |
| 5. | 162° 52' 25" | 85.01 feet | Thence, on a tangent curve to the right having a radius of 45.00 feet, the direct chord azimuth and distance being: along Lot 8; |

EXHIBIT A
Page 1 of 3

- | | | | |
|----|--------------|-------------|--|
| 6. | 213° 31' 31" | 27.59 feet | Thence, on a tangent curve to the left having a radius of 40.00 feet, the direct chord azimuth and distance being: along Lot 8; |
| 7. | 184° 30' 29" | 12.30 feet | Thence, on a tangent curve to the left having a radius of 40.00 feet, the direct chord azimuth and distance being: along Lot 7; |
| 8. | 175° 40' 00" | 885.49 feet | along Lots 7, 6, 5, 4, 3, 2 and 1; |
| 9. | 130° 40' 00" | 42.43 feet | Thence, on a tangent curve to the left having a radius of 30.00 feet, the direct chord azimuth and distance being: along Lot 1 to the Point of Beginning, enclosing an area of 54,424 square feet, more or less. |



Daniel Berg

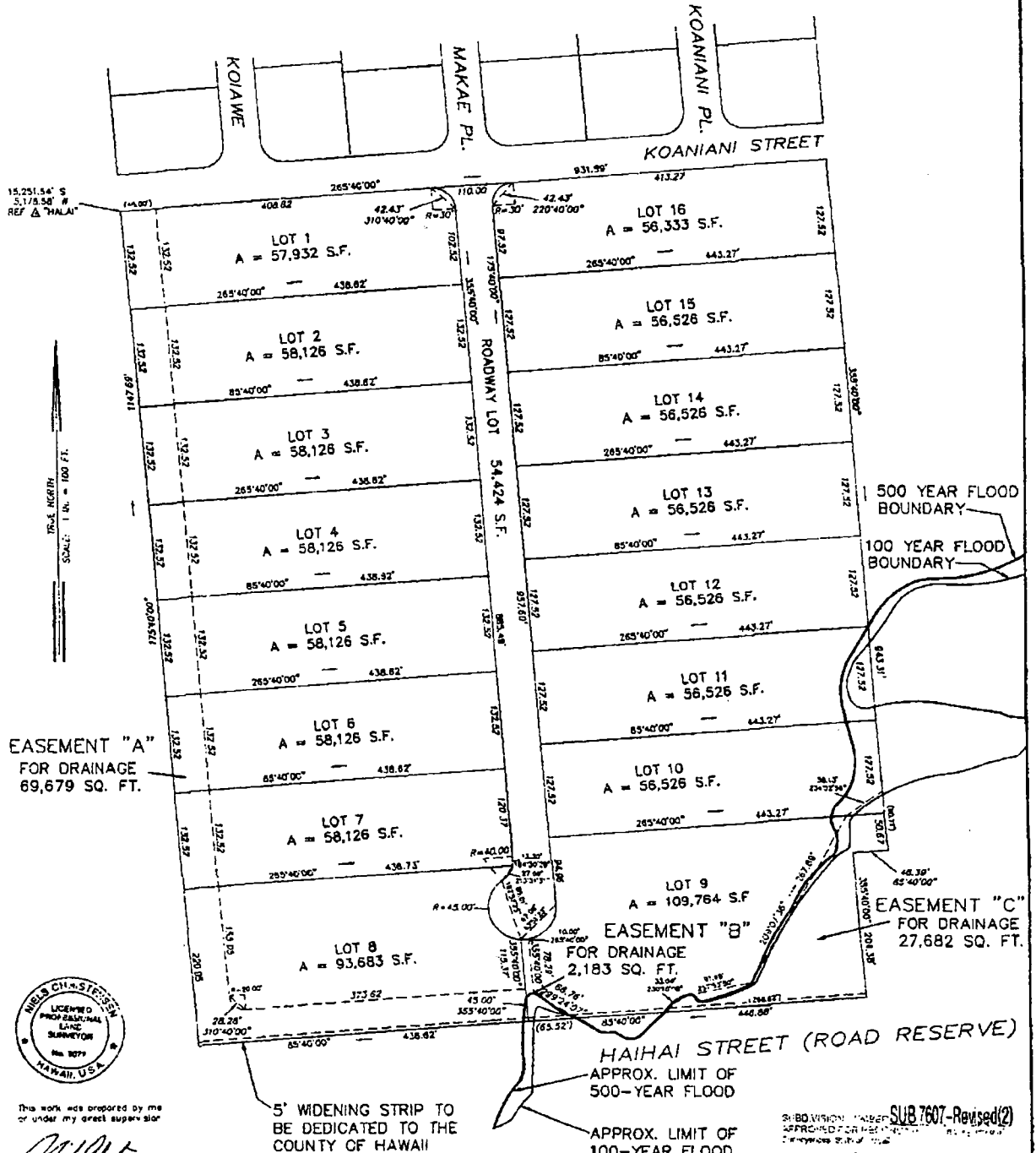
Daniel L Berg
 Licensed Professional Land Surveyor 11245
 The Independent Hawaii Surveyors
 2043 Kinoole Street
 Hilo, Hawaii 96720

EXHIBIT A
 Page 2 of 3

EXHIBIT B

FINAL MAP OF KUPULAU MEADOWS SUBDIVISION, PHASE II

LOT 34, WAIKEA HOMESTEADS, 2nd SERIES
A PORTION OF GRANT 9460 TO HENRIETTA D. HOLT
WAIKEA, SOUTH HILO, HAWAII, HAWAII
T.M.K. (3) 2-4-76: 34



This work was prepared by me or under my direct supervision

Nels Christensen

Nels Christensen
Licensed Professional Land Surveyor
License Number 3077



The Independent
Hawaii Surveyors
Hilo Office

EXHIBIT A
Page 3 of 3

0' 100' 200' 300'
FEET

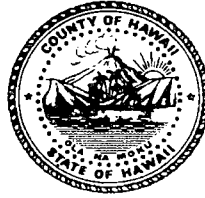
SUBDIVISION: KUPULAU MEADOWS
APPROVED FOR REVISION: [Signature]
DATE: SEP 19 2007
Drawing: J087855.DWG

FINAL MAP
SECOND REVISION
DATE: Sept 7, 2007
Drawing: J087855.DWG

Mitchell D. Roth
Mayor

Lee E. Lord
Managing Director

West Hawai'i Office
74-5044 Ane Keohokalole Hwy
Kailua-Kona, Hawai'i 96740
Phone (808) 323-4770
Fax (808) 327-3563



County of Hawai'i

PLANNING DEPARTMENT

Zendo Kern
Director

Jeffrey W. Darrow
Deputy Director

East Hawai'i Office
101 Pauahi Street, Suite 3
Hilo, Hawai'i 96720
Phone (808) 961-8288
Fax (808) 961-8742

MEMORANDUM

DATE: December 1, 2023

TO: SINCLAIR SALAS-FERGUSON
Deputy Corporation Council

ATTN: EMILY HIRAYAMA
Legal Technician I

FROM: JEFFREY W. DARROW
Planning Department, Deputy Director

JWD
JWD
December 01, 2023, 03:56 PM

SUBJECT: Roadway Dedication Deed
Final Subdivision Approval No. SUB 7607-Revised (2)
Roadway TMK: (3) 2-4-076:052
Subdivision TMK: (3) 2-4-076:034

Our department previously issued a memorandum dated January 18, 2008, regarding this dedication within which we stated that we had no objection to the execution of the dedication deed provided that all roadway and water system improvements are constructed in accordance with the approved subdivision construction drawings. We then recommended that the dedication be accepted by the County Council.

In this updated memorandum, we continue to recommend that the County Council accept the dedication inasmuch as the project is in full compliance to the extent applicable with the provisions of Chapter 23 (Subdivisions) of the Hawai'i County Code and Change of Zone Ordinance No. 95-97.

Should you have any questions, please feel free to contact Hans Santiago of this department at (808) 961-8165.

AD

Signature: Jeffrey W. Darrow
Email: jeff.darrow@hawaiicounty.gov

DEPARTMENT OF PUBLIC WORKS
COUNTY OF HAWAII
HILO, HAWAII

DATE: October 13, 2023

Memorandum

TO: Sinclair Salas-Ferguson, Deputy Corporation Counsel

FROM:  for Stephen M. Pause, P.E., Director

SUBJECT: ROADWAY DEDICATION DEED

Grantor: Foliage Partners, Kupulau Anthurium Partners,
and Andraea Partners

Subdivision: Kupulau Meadows

Subdivision TMK: 2-4-076:034

Roadway TMK: 2-4-076:052

DPW Folder No.: 24671

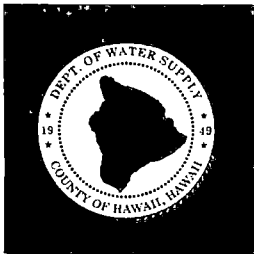
We have reviewed the subject deed and recommend that it be accepted by the Council inasmuch as the subject road improvements and streetlights have been inspected and found to comply with Department of Public Works Standard Details, are in acceptable condition for dedication, and are in full compliance with the provisions of Chapter 23 of the Hawaii County Code.

Questions may be referred to Melanie DeMello at 961-8927.

MD

Enclosures

cc: Vern Inouye (Via E-Mail to vinouye@aol.com, w/o enclosure)
Planning Department (Via E-Mail to planning@hawaiicounty.gov, Approvals ONLY)
(w/o enclosure)



DEPARTMENT OF WATER SUPPLY • COUNTY OF HAWAII

345 KĒKŪANAO'A STREET, SUITE 20 • HILO, HAWAII 96720

TELEPHONE (808) 961-8050 • FAX (808) 961-8657

December 8, 2023

TO: Ms. Elizabeth A. Strance, Corporation Counsel
Attention: Mr. Sinclair Salas-Ferguson, Deputy Corporation Counsel

FROM: Keith K. Okamoto, Manager-Chief Engineer

SUBJECT: **Dedication Deed**
Grantors: Foliage Partners, Kupulau Anthurium Partners and
Andraea Partners
Tax Map Key (3) 2-4-076:052
Waiākea, South Hilo, Island of Hawai'i, Hawai'i

We have reviewed the subject Dedication Deed document and have no objection to it being accepted by the County of Hawai'i, County Council.

Should there be any questions, please call Mr. Ronaldo B. Aurelio of our Land Branch Staff, at (808) 961-8070, extension 287.

Sincerely yours,

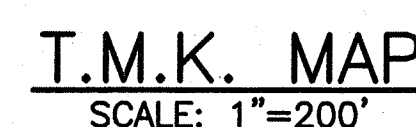
Keith K. Okamoto, P.E.
Manager-Chief Engineer

RBA:dfg

Enc.

... Water, Our Most Precious Resource ... Ka Wai A Kāne ...

The Department of Water Supply is an Equal Opportunity provider and employer.



AS BUILT


INDEX TO DRAWINGS

- | | |
|-----|-----------------------------------|
| C-1 | SITE PLAN |
| C-2 | CONSTRUCTION NOTES |
| C-3 | PLAN & PROFILE |
| C-4 | MISC. CIVIL DETAILS |
| C-5 | DRYWELL DETAILS |
| C-6 | CHANNEL/SIGNING AND STRIPING PLAN |
| C-7 | ROAD CROSS SECTIONS |
| C-8 | ELECTRIC DETAILS |

APPROVALS

MANAGER, DEPARTMENT OF WATER SUPPLY
COUNTY OF HAWAII

CHIEF ENGINEER, DEPT. OF PUBLIC WORKS
COUNTY OF HAWAII


DIRECTOR, PLANNING DEPARTMENT
COUNTY OF HAWAII

01/31/02
DATE

10/26/0
DATE

10/24/00
DATE

10/30/00
DATE

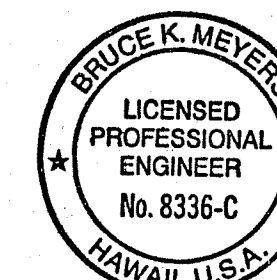


**Okahara &
Associates Inc.**
CONSULTING ENGINEERS

HILO: 200 KOHOLA STREET
HILO, HAWAII 96720
PH: (808) 961-5527
FAX: (808) 961-5529

KAILUA, KONA: 73-5574 MAIAU STREET, BAY 6B
KAILUA-KONA, HAWAII 96740
PH: (808) 329-1221
FAX: (808) 329-1006

HONOLULU: 677 ALA MOANA BLVD., SUITE 703
HONOLULU, HAWAII 96813
PH: (808) 524-1224
FAX: (808) 521-3151



This work was prepared by me or
under my direct supervision
and construction of this project
will be under my observation

Revisions

[illegible]

Project

KUPULAU MEADOWS
TMK: 2-4-76:34

AFK SUBDIVISION PARTNERS
SUBDIVISION NO.: 99-047
DPW FOLDER NO.: 24671
CHANGE OF ZONE ORDINANCE

Sheet Title

TITLE SHEET/
SITE PLAN

<u>MN</u>	<u>98021</u>
Project Director	Project No.

SS/LY BKM/CH
Drawn By Checked By CAD File Name:

Scale:

10-16-00

Conat. Issue Date

C-1

C-1

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE COUNTY OF HAWAII, DEPARTMENT OF PUBLIC WORKS (DPW), "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION," DATED SEPTEMBER 1986 AND "STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION," DATED SEPTEMBER 1984.
2. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT, AND SHALL BE RESPONSIBLE FOR THE REPAIR OR REPLACEMENT OF SAME IN THE EVENT OF DAMAGES DUE TO HIS CONSTRUCTION PRACTICES. THE CONTRACTOR SHALL SHALL COORDINATE HIS WORK WITH THE RESPECTIVE UTILITY COMPANIES.
3. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL TRAFFIC CONTROL DEVICES IN CONFORMANCE WITH THE CURRENT EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS," AND AS DIRECTED BY THE DEPARTMENT OF PUBLIC WORKS.
4. THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS 48 HOURS BEFORE THE COMMENCEMENT OF ANY UTILITY LINE WORK TO SCHEDULE A FIELD REVIEW AND SECURE APPROVAL OF THE PROPOSED UTILITY LINE LOCATION WITHIN THE COUNTY RIGHT-OF-WAY.
5. THE PROPOSED UTILITY LINE LOCATION SHALL BE LAID OUT IN THE FIELD PRIOR TO THE CONDUCTING OF THE FIELD REVIEW BY THE DEPARTMENT OF PUBLIC WORKS.
6. FIELD ADJUSTMENTS SHALL BE MADE AS DIRECTED BY THE DEPARTMENT OF PUBLIC WORKS PRIOR TO THE COMMENCEMENT OF ANY UTILITY LINE WORK.
7. THE REQUIRED PERMIT, UNDER CHAPTER 22, ARTICLE 3, SECTION 22-44 OF THE HAWAII COUNTY CODE, SHALL BE OBTAINED FROM THE DEPARTMENT OF PUBLIC WORKS BY THE CONTRACTOR FOR WORK WITHIN THE COUNTY RIGHT-OF-WAY.
8. THE CONTRACTOR SHALL PROVIDE AT LEAST ONE (1) LANE FOR TRAFFIC MOVEMENT AT ALL TIMES. TWO (2) LANES FOR TRAFFIC MOVEMENT SHALL BE PROVIDED BETWEEN THE HOURS OF 3:30 P.M. AND 8:00 A.M.
9. THE EXISTING PAVEMENT SHALL BE SAW-CUT BEFORE COMMENCEMENT OF TRENCHING WORK.
10. ANY PAVEMENT OUTSIDE THE CONTRACT ZONE LIMITS DAMAGED AS A RESULT OF CONSTRUCTION OPERATIONS SHALL BE RESTORED TO ITS ORIGINAL CONDITION, OR BETTER, AS DIRECTED BY THE DPW.
11. A TEMPORARY COLD MIX PATCH SHALL BE APPLIED IMMEDIATELY UPON COMPLETION OF THE BACKFILLING OPERATION AND SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL A PERMANENT PATCH IS AUTHORIZED BY THE DEPARTMENT OF PUBLIC WORKS.
12. NO MATERIAL, EXCEPT THE TRENCH EXCAVATED MATERIAL, SHALL BE STOCKPILED CLOSER THAN SIX (6) FEET FROM THE EXISTING EDGE OF PAVEMENT.
13. NO CONSTRUCTION EQUIPMENT SHALL BE PARKED WITHIN THE ROAD RIGHT-OF-WAY IN SUCH A MANNER THAT THE EQUIPMENT WILL OBSTRUCT THE NORMAL MOVEMENT AND SIGHT DISTANCE OF THE DRIVING MOTORIST, EXCEPT DURING ACTUAL WORKING HOURS.
14. EXCEPT DURING ACTUAL WORKING HOURS, ALL SIGNS THAT DO NOT PERTAIN TO THE CONSTRUCTION ACTIVITY, SUCH AS "MEN WORKING" AND "FLAGMAN AHEAD" SHALL BE COVERED OR LAID DOWN. HOWEVER, ALL SIGNS NECESSARY FOR THE SAFETY OF THE PUBLIC SHALL BE MAINTAINED.
15. ANY PAVEMENT MARKINGS, STRUCTURES, AND APPURTENANCES DAMAGED BY THE UTILITY LINE INSTALLATION SHALL BE REPAIRED OR RECONSTRUCTED AS DIRECTED BY THE DEPARTMENT OF PUBLIC WORKS.
16. NO TRENCHING SHALL BE LEFT OPEN FOR MORE THAN FIVE (5) WORKING DAYS.
17. THE PERMITTEE SHALL MAINTAIN, TO THE SATISFACTION OF THE DEPARTMENT OF PUBLIC WORKS, THE AREA WORKED WITHIN THE GOVERNMENT RIGHT-OF-WAY INCLUDING ANY REPAIRS TO PAVEMENT AND SHOULDER DAMAGED AS A RESULT OF THE INSTALLATION WORK, FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL INSPECTION. THE PERMITTEE SHALL UNDERTAKE REPAIRS EXPEDITIOUSLY, WHENEVER DIRECTED BY THE DEPARTMENT OF PUBLIC WORKS DURING THE MAINTENANCE PERIOD.

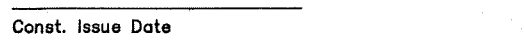
1. ALL WORK SHALL BE DONE ACCORDING TO THE WATER SYSTEM STANDARDS, STATE OF HAWAII, VOLUMES 1 AND 2, DATED 1985, AS AMENDED.
2. THE CONTRACTOR SHALL INFORM THE DWS ENGINEER 72 HOURS PRIOR TO THE BEGINNING OF ANY WATERLINE WORK AND ONE WEEK PRIOR TO ANY CONNECTION, CHLORINATION, SHUT-OFF OR RELOCATION.
3. ALL WORK AND MATERIAL FURNISHED BY THE DWS SHALL BE PAID FOR BY THE CONTRACTOR.
4. ALL EXISTING WATERLINES, WATERLINE APPURTENANCES AND OTHER UTILITY LOCATIONS SHOWN ON THE PLANS ARE OBTAINED FROM LATEST RELIABLE SOURCES. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THE EXACT LOCATION OF ALL UTILITIES IN THE FIELD AND SHALL BEAR ALL COST FOR DAMAGES DONE TO THEM DURING THE CONTRACT PERIOD.
5. ALL HOOK-UPS TO EXISTING WATERLINES SHALL BE DONE BY THE DEPARTMENT OF WATER SUPPLY. THE CONTRACTOR SHALL PROVIDE ALL EXCAVATION, BACKFILL, ROAD REPAIR, TRAFFIC CONTROL, ETC.
6. WHERE WATER SHUT-OFF OF MORE THAN 3-HOURS BECOMES NECESSARY, THE CONTRACTOR, AT HIS OWN COST, SHALL PROVIDE A TEMPORARY BYPASS LINE, SIZE OF WHICH SHALL BE DETERMINED BY THE D.W.S. ENGINEER. THE D.W.S. ENGINEER, ALSO RESERVES THE RIGHT TO REQUIRE BYPASS LINES, REGARDLESS OF THE WATER SHUT-OFF PERIOD, IF IT IS DEEMED NECESSARY.
7. MINIMUM HORIZONTAL CLEARANCE BETWEEN WATERLINES AND OTHER UTILITIES SHALL BE 8- FEET FOR ROAD RIGHT-OF-WAYS OF 50 FEET OR LESS, MINIMUM VERTICAL CLEARANCE BETWEEN WATERLINE AND OTHER UTILITIES SHALL BE 12-INCHES PROVIDED THE OTHER UTILITY IS CONCRETE JACKETED AND 18-INCHES IF NO CONCRETE JACKETS ARE USED. IN ALL APPLICABLE INSTANCES THE WATERLINES SHALL BE AT A GRADE HIGHER THAN OTHER UTILITIES. MINIMUM HORIZONTAL CLEARANCE BETWEEN WATERLINE AND OTHER UTILITIES SHALL BE 10- FEET FOR ROAD RIGHT-OF-WAYS OF MORE THAN 50- FEET.
8. ALL FITTINGS (CLASS 250) AND ALL GATE VALVES (CLASS 200) SHALL BE DUCTILE IRON, WITH MECHANICAL JOINTS UNLESS OTHERWISE SPECIFIED. BUTTERFLY VALVES SHALL BE CLASS 250 WITH EPOXYCOATED INTERIOR UNLESS OTHERWISE SPECIFIED.
9. THE WATERLINE SHALL BE TESTED AT A MINIMUM OF 225 P.S.I. OR ONE AND A HALF TIMES THE STATIC PRESSURE AT THE LOW POINT, UNDER D.W.S. SUPERVISION JUST PRIOR TO PAVING THE ROADWAYS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CHLORINATION OF THE WATER SYSTEM AND SHALL BEAR ALL COST. THE PERSONS ENGAGED TO DO THE CHLORINATION WORK MUST HAVE THE APPROPRIATE LICENSE TO PERFORM THE WORK IN THE STATE OF HAWAII.
11. ALL SERVICE LATERALS SHALL BE SOFT COPPER, TYPE "K", WITH BRASS FITTINGS.
12. PIPE CUSHION FOR COPPER PIPES SHALL BE NO. 4 FINE, MANUFACTURED SAND.
13. THE D.W.S. WILL NOT ASSUME OWNERSHIP OF NOR GRANT ANY WATER SERVICE TO THE SUBDIVISION UNTIL THE SUBDIVISION WATER SYSTEM IS DEDICATED TO THE D.W.S. ALONG WITH ALL NECESSARY EASEMENTS AND DOCUMENTS.
14. SOLDER AND FLUX SHALL CONTAIN NOT MORE THAN 0.2 PERCENT LEAD.
15. RETAINER GLANDS FOR DUCTILE IRON PIPE, SIZES 4-INCH TO 12-INCH SHALL BE "MEGALUG" RETAINER GLANDS, AS MANUFACTURED BY EBAA, INC.
16. 4' X 4' X 4" REINFORCED CONCRETE SLAB FOR FIRE HYDRANT SHALL BE REINFORCED WITH 6 X 6 X -10/10 WELDED WIRE FABRIC.
17. SERVICE LATERAL(S) SHALL BE FLUSHED BY THE CONTRACTOR UNDER D.W.S. SUPERVISION.
18. "WATER SYSTEM STANDARDS, VOLUME 2", PLATE 77 - TYPE A VALVE BOX FOR CURB STOP ON MULTIPLE COPPER SERVICE SHALL BE DELETED.
19. LOTS REQUIRING A DEPARTMENT OF WATER SUPPLY APPROVED REDUCED PRESSURE PRINCIPLE TYPE BACKFLOW PREVENTION ASSEMBLY SHALL HAVE ONE. ITS INSTALLATION IS NOT REQUIRED FOR FINAL SUBDIVISION APPROVAL. IT MUST BE INSTALLED ON PRIVATE PROPERTY IN ACCORDANCE WITH DWS STANDARD DETAIL NO. 126 (ABOVE GROUND) AND DEPARTMENTAL STAFF MUST APPROVE THE INSTALLATION BEFORE WATER SERVICE CAN BE STARTED. NO TAPS OR CONNECTIONS ARE ALLOWED BETWEEN THE METER AND THE APPROVED BACKFLOW PREVENTION ASSEMBLY. THE OWNER IS REQUIRED TO TEST THE BACKFLOW PREVENTION ASSEMBLY ____ TIME(S) PER YEAR.
20. THE OWNER SHALL MAKE THEIR OWN PROVISIONS FOR THOSE TIMES WHEN THE BACKFLOW PREVENTION ASSEMBLY IS BEING REPAIRED OR MAINTAINED. AS A PROTECTION TO THE CONSUMER'S PLUMBING SYSTEM, A SUITABLE PRESSURE RELIEF VALVE SHALL BE INSTALLED AND MAINTAINED BY THE CONSUMER.

1. ALL GRADING WORK SHALL CONFORM TO CHAPTER 10 OF THE HAWAII COUNTY CODE. SHOULD A GRADING PERMIT BE REQUIRED, NO WORK SHALL COMMENCE UNTIL THE DEPARTMENT OF PUBLIC WORKS (DPW) APPROVES A GRADING PERMIT.
2. THE CONTRACTOR SHALL REMOVE ALL SILT AND DEBRIS DEPOSITED IN THE DRAINAGE FACILITIES, ROADWAYS AND OTHER AREAS RESULTING FROM HIS WORK. THE COSTS INCURRED FOR ANY NECESSARY REMEDIAL ACTION BY THE DPW SHALL BE PAYABLE BY THE CONTRACTOR.
3. THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL KEEP THE PROJECT AND SURROUNDING AREAS FREE FROM DUST NUISANCES. THE WORK SHALL BE IN CONFORMANCE WITH THE AIR POLLUTION CONTROL RULES OF THE STATE DEPARTMENT OF HEALTH, HAR 11-60.1, FUGITIVE DUST.
4. ALL GRADING OPERATIONS SHALL BE PERFORMED IN CONFORMANCE WITH THE APPLICABLE PROVISIONS OF THE HAWAII ADMINISTRATIVE RULES, TITLE 11, CHAPTER 55, WATER POLLUTION CONTROL AND CHAPTER 54, WATER QUALITY STANDARDS, AND TO THE EROSION AND SEDIMENTATION CONTROL STANDARDS AND GUIDELINES OF THE DEPARTMENT OF PUBLIC WORKS, COUNTY OF HAWAII.
5. THE CONTRACTOR SHALL SOD OR PLANT ALL SLOPES AND EXPOSED AREAS IMMEDIATELY AFTER THE GRADING WORK HAS BEEN COMPLETED.
6. FILLS ON SLOPES STEEPER THAN 5:1 SHALL BE KEYED.
7. THE CONTRACTOR SHALL INFORM THE DPW OF THE LOCATION OF THE DISPOSAL AND/OR BORROW SITE(S) REQUIRED FOR THIS PROJECT WHEN AN APPLICATION FOR A GRADING PERMIT IS MADE. THE DISPOSAL AND/OR BORROW SITE(S) MUST ALSO FULFILL THE REQUIREMENTS OF THE GRADING ORDINANCE.
8. NO GRADING WORK SHALL BE DONE ON SATURDAYS, SUNDAYS AND HOLIDAYS ANYTIME WITHOUT PRIOR APPROVAL FROM THE DEPARTMENT OF PUBLIC WORKS. GRADING WORK ON NORMAL WORKING DAYS SHALL BE BETWEEN THE HOURS OF 8:00 A.M. TO 4:30 P.M.
9. FILLS SHALL BE COMPACTED TO 90 PERCENT (90%) OF MAXIMUM DENSITY PER ASTM D-1557 TEST.
10. THE CONTRACTOR SHALL REMOVE ALL VEGETATION BEFORE PLACING FILLS ON NATURAL GROUND SURFACES.

1. UNLESS OTHERWISE SPECIFIED, THE CONTRACTOR IS RESPONSIBLE FOR THE PROPER HANDLING, STORAGE AND/OR DISPOSAL OF ALL WASTE GENERATED BY THIS CONSTRUCTION INCLUDING GRUBBING AND EXCESS EXCAVATED MATERIAL. ANY MATERIAL BROUGHT TO THE COUNTY LANDFILLS WILL BE SUBJECT TO THE INSTITUTED TIPPING FEE SYSTEM, WITH NO EXCEPTIONS OR EXEMPTIONS.
2. ALL WASTES GENERATED BY CONSTRUCTION, INCLUDING GRUBBING DEMOLITION AND EXCESS EXCAVATION MATERIAL MAY BE BROUGHT TO THE WEST HAWAII OR THE HILO LANDFILL. LANDFILL FEE SHALL BE NEGOTIATED BY CONTRACTOR AND LANDFILL MANAGEMENT.
3. CONSTRUCTION, DEMOLITION AND GRUBBING MATERIAL SHALL NOT BE DEPOSITED AT ANY OF THE COUNTY TRANSFER STATIONS, BUT SHALL BE TRANSPORTED FOR DISPOSAL AT EITHER THE WEST HAWAII OR HILO LANDFILL.
4. ASBESTOS MATERIAL MUST BE SEPARATED, DOUBLE BAGGED AND LANDFILLED IN ACCORDANCE WITH REGULATIONS OF THE SOLID WASTE DIVISION, DEPARTMENT OF PUBLIC WORKS. INFORMATION MAY BE OBTAINED BY CALLING THE DIVISION AT (808) 961-8339 BETWEEN 7:00 A.M. AND 4:00 P.M. MONDAY THROUGH FRIDAY. NO ASBESTOS IS KNOWN TO EXIST IN THIS PROJECT. HOWEVER, IF ANY SHOULD BE ENCOUNTERED, CONTRACTOR SHALL FOLLOW ABOVE PROCEDURES.

1. THE SUBDIVIDER SHALL BE INFORMED THAT CHAPTER 23, UNDERGROUND INJECTION CONTROL (UIC) ADMINISTRATIVE RULES, DEPT. OF HEALTH, PROHIBIT ANY PERSON FROM OPERATING, CONSTRUCTING OR MODIFYING AN INJECTION WELL (DRYWELL) UNLESS AUTHORIZED BY A PERMIT ISSUED BY THE DIRECTOR OF HEALTH, STATE OF HAWAII. DEPARTMENT OF PUBLIC WORKS WILL NOT APPROVE DEDICATION ROADWAYS PRIOR TO COMPLIANCE WITH CHAPTER 23, ADMINISTRATIVE RULES.

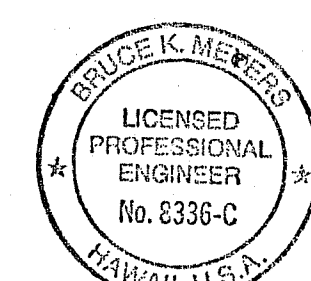
1. ALL TRAFFIC SIGNS AND PAVEMENT MARKINGS SHALL CONFORM TO THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES," AS AMENDED, AND APPLICABLE SECTIONS OF PART V OF THE "STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION," DATED SEPTEMBER 1984, AND THE "HAWAII STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION," 1994 EDITION, UNLESS OTHERWISE SPECIFIED ON THE PLANS, SPECIFICATIONS, OR THE STANDARD TRAFFIC NOTES.
2. THE CONTRACTOR SHALL INSTALL PERMANENT OR TEMPORARY MARKERS, STRIPING AND MARKINGS AS REQUIRED BY SECTION 629 OF THE "HAWAII STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION," 1994 EDITION. THE TEMPORARY STRIPING MUST BE INSTALLED AS CLOSE AS POSSIBLE TO THE FINAL LOCATION TO ENSURE PROPER LANE WIDTHS AND SAFE FLOW OF TRAFFIC.
3. THE CONTRACTOR SHALL INFORM THE TRAFFIC DIVISION AT LEAST SIX (6) WORKING DAYS PRIOR TO ANY WORK ON PAVEMENT MARKING OPERATIONS AND/OR SIGN INSTALLATIONS TO SCHEDULE A REVIEW AND APPROVAL OF THE STRIPING AND/OR SIGNING PLANS.
4. THE APPROVED STRIPING PLAN SHALL BE LAYED OUT USING THINNED-OUT PAINT OR OTHER APPROVED DEVICE. FIELD ADJUSTMENTS SHALL BE MADE AS DIRECTED BY THE ENGINEER BEFORE THE FINAL MARKINGS ARE APPLIED.
5. ALL PAVEMENT MARKINGS THAT BECOME INAPPLICABLE SHALL BE REMOVED BY THE CONTRACTOR AT HIS OWN EXPENSE. REMOVAL SHALL BE BY "SAND-BLASTING" OR BY OTHER METHODS APPROVED BY THE ENGINEER BEFORE THE NEW PAVEMENT MARKINGS ARE APPLIED.
6. PAVEMENT STRIPING FOR ALL CROSSWALKS, STOPLINES, PAVEMENT ARROWS, PAVEMENT ALPHABETS, AND PAVEMENT SYMBOLS SHALL BE WITH TYPE III PREFORMED PAVEMENT MARKING TAPE, A440 OR AN EQUAL PAVEMENT MARKING TAPE THAT IS APPROVED BY THE TRAFFIC DIVISION.
7. PAVEMENT STRIPING OTHER THAN FOR CROSSWALKS, STOPLINES, PAVEMENT ARROWS, PAVEMENT ALPHABETS, AND PAVEMENT SYMBOLS SHALL BE WITH PRE-MIXED REFLECTORIZED OIL-BASED LEAD-FREE TRAFFIC PAINTS WHICH HAVE BEEN TESTED AND PRE-APPROVED BY THE COUNTY OF HAWAII. ONLY THE FOLLOWING TRAFFIC PAINTS HAVE BEEN TESTED AND PRE-APPROVED BY THE COUNTY OF HAWAII AND ARE ACCEPTABLE FOR USE ON THIS PROJECT:
YELLOW PAINT: CENTERLINE V51L002
WHITE PAINT: CENTERLINE V51W002 PEROVO 5870RR.
THERMOPLASTIC STRIPING MAY BE USED IN LIEU OF PAINT FOR CENTERLINE STRIPING, LANELINE STRIPING, AND EDGE OF PAVEMENT STRIPING ONLY. THE CONTRACTOR SHALL SUBMIT CERTIFICATE OF COMPLIANCE CERTIFYING THAT THE THERMOPLASTIC MATERIAL TO BE USED MEETS THE CURRENT STATE OF HAWAII DEPARTMENT OF TRANSPORTATION SPECIFICATIONS.
8. ALL PAINTED PAVEMENT STRIPING SHALL BE APPLIED IN COATS OF 0.015 INCH NOMINAL THICKNESS EACH. FOR STRIPING ON FRESH A.C. (RESURFACED OR NEW PAVEMENTS), TWO COATS OF PAINT MUST BE APPLIED. THE SECOND COAT SHALL BE APPLIED ONLY AFTER COMPLETE DRYING OF FIRST COAT. WAIT AT LEAST 2 HOURS BETWEEN COATS. FOR STRIPING ON OLD EXISTING PAVEMENTS, ONE COAT SHALL BE SUFFICIENT.
9. REFLECTORIZED RAISED PAVEMENT MARKERS SHALL BE THE REGULAR SIZED MARKERS WITH APPROXIMATE DIMENSIONS OF 4"x4"x.07". ALL RAISED PAVEMENT MARKERS MUST HAVE BEEN TESTED AND PRE-APPROVED BY THE COUNTY OF HAWAII. THE FOLLOWING PAVEMENT MARKERS HAVE BEEN TESTED AND PRE-APPROVED BY THE COUNTY OF HAWAII AND ARE ACCEPTABLE FOR USE ON THIS PROJECT:
STIMSONITE MODEL 911 (4x4)
RAY-O-LITE "AA" ARS (4x4)
10. ALL TRAFFIC SIGNS & POSTS SHALL MEET THE REQUIREMENTS OF THE COUNTY OF HAWAII STANDARD DETAIL T-1 EXCEPT THAT FLANGED CHANNEL POSTS WILL NOT BE ACCEPTABLE. SIGNS SHALL BE ON ALUMINUM SHEETING OF 0.080 INCH MINIMUM THICKNESS. SIGN POST SHALL BE 2 INCH SQUARE TELESAR TUBING NO. 20 F 12 OR EQUIVALENT WITH 2 1/4 INCH SQUARE TELESAR POST.
11. ALL TRAFFIC SIGNS SHALL BE COMPLETELY REFLECTORIZED WITH TYPE III OR TYPE IV HIGH INTENSITY RETROREFLECTIVE SHEETING EXCEPT THAT PARKING/ NO PARKING AND STREET NAME SIGNS MAY BE ENGINEER GRADE REFLECTIVE SHEETING.
12. THE 2 1/4-INCH SQUARE ANCHOR POST FOR SIGNS SHALL BE DRIVEN INTO THE GROUND, A.C. PAVEMENT OR CONCRETE SIDEWALK IN ACCORDANCE WITH THE PLANS. ALL DAMAGES TO THE SURROUNDING AREA SHALL BE REPAIRED TO ITS ORIGINAL CONDITION OR BETTER. BEFORE DRIVING INTO CONCRETE, A NEAT HOLE OF APPROXIMATELY 3 INCH DIAMETER SHALL BE DRILLED THROUGH THE CONCRETE PRIOR TO THE INSTALLATION OF THE ANCHOR POST. IF DRIVING INTO THE CONCRETE OR A.C. PAVEMENT IS NOT POSSIBLE WITHOUT DAMAGE TO THE SURROUNDING CONCRETE OR A.C. PAVEMENT, A 12"x12" SQUARE SHALL BE SAW CUT AND REMOVED PRIOR TO THE INSTALLATION OF THE ANCHOR POST AND THEN PATCHED WITH HOT MIX TO MATCH THE EXISTING A.C. PAVEMENT, AND CONCRETE TO MATCH THE EXISTING CONCRETE PAVEMENT.
12. UPON COMPLETION OF THE CONSTRUCTION WORK THE CONTRACTOR SHALL RESTRIPE ALL PAVEMENT MARKINGS WITHIN THE CONSTRUCTION WORK AREA AND ADJACENT ROADWAY PAVEMENTS UP TO 300 FEET BEYOND THE CONSTRUCTION AREA. ALL SIGNS & MARKINGS WITHIN THE CONSTRUCTION AREA AND ADJACENT AREAS THAT HAVE BEEN DAMAGED, REMOVED, OR ADVERSELY AFFECTED BY THE CONSTRUCTION WORK SHALL BE RESTORED TO ITS ORIGINAL CONDITION OR BETTER BY THE CONTRACTOR.
13. ALL DEDICATED STREETS MUST HAVE STREET NAMES WHICH HAVE BEEN APPROVED BY RESOLUTION OR BY THE PLANNING DEPARTMENT BEFORE ACCEPTANCE OF THE STREET BY THE COUNTY OF HAWAII.



HILLO: 200 KOHOLA STREET
HILLO, HAWAII 96720
PH: (808) 961-5527
FAX: (808) 961-5529

KAILUA, KONA: 73-5574 MAIAU STREET, BAY 6B
KAILUA-KONA, HAWAII 96740
PH: (808) 329-1221
FAX: (808) 329-1006

HONOLULU: 677 ALA MOANA BLVD., SUITE 703
HONOLULU, HAWAII 96813
PH: (808) 524-1224
FAX: (808) 521-3151



This work was prepared by me or under my direct supervision and construction of this project will be under my observation.

Revisions

No.	Date	Description
1	1/21/04	DELETE SHEET C-3, REPLACE WITH C-3A
2	1/21/04	REVISE PROFILE AND ROADWAY ELEVATIONS

Project

KUPULAU MEADOWS
TMK: 2-4-76:34

Sheet Title

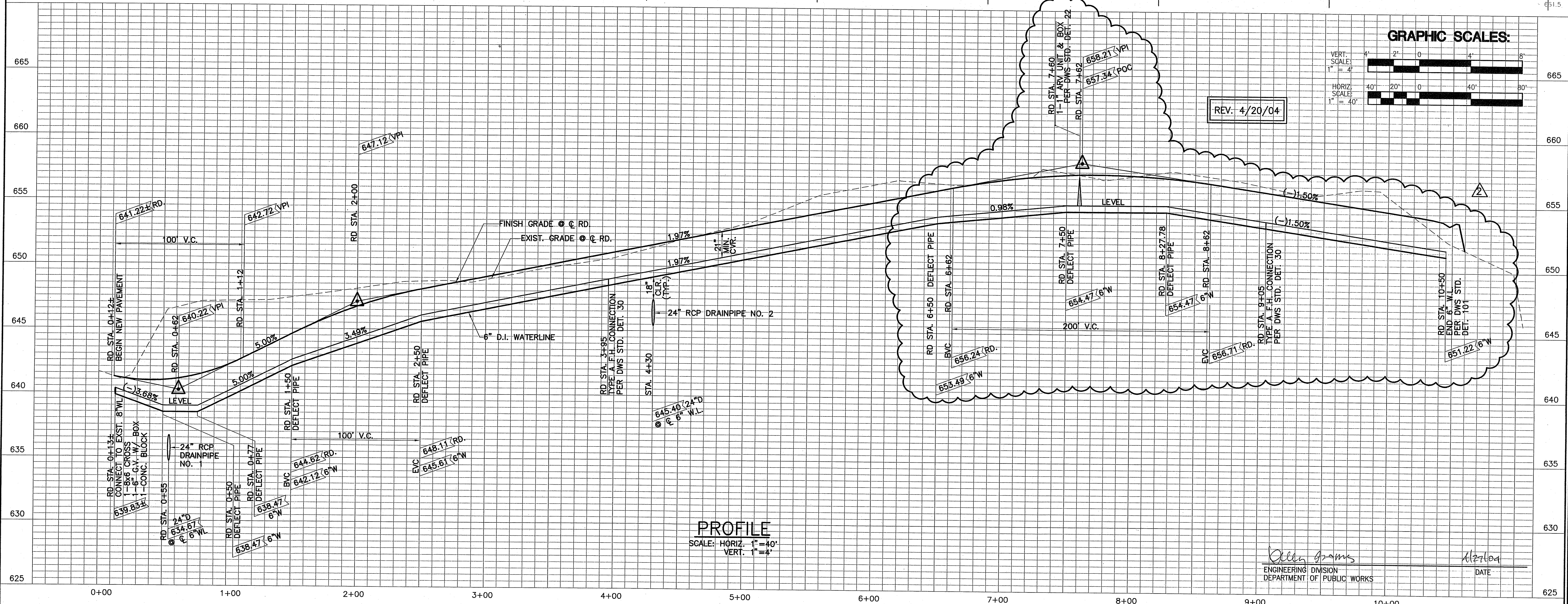
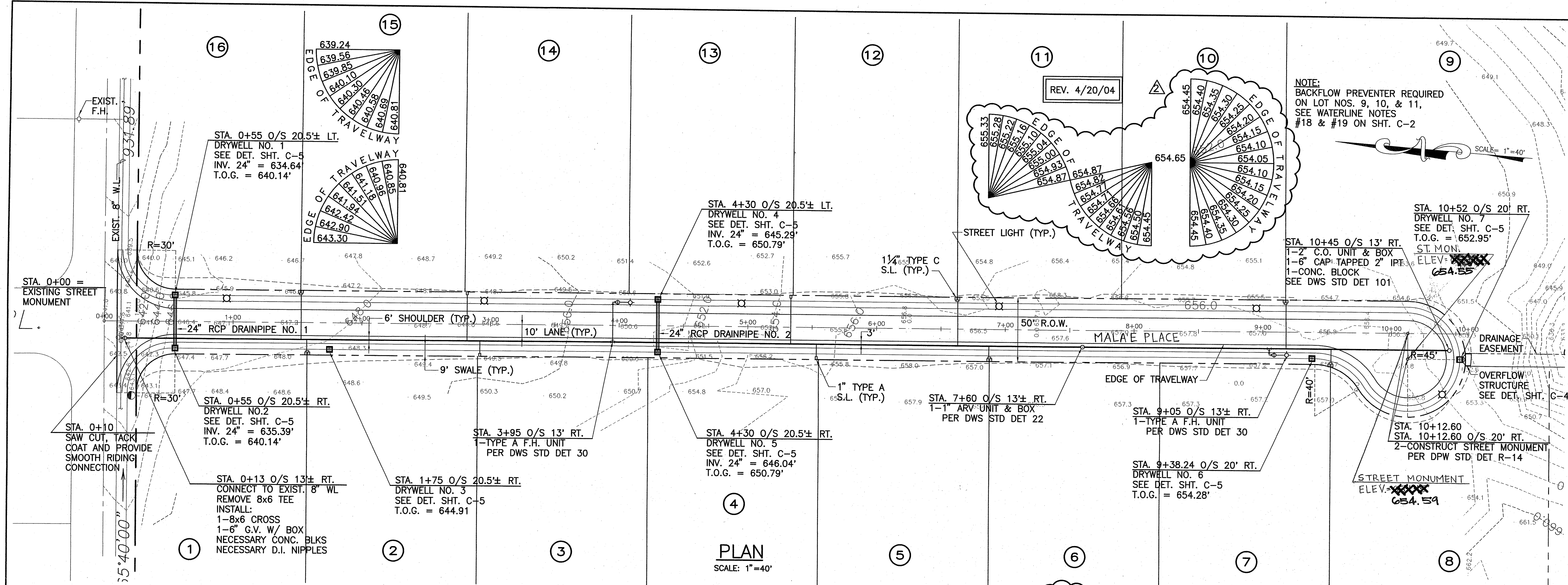
PLAN & PROFILE

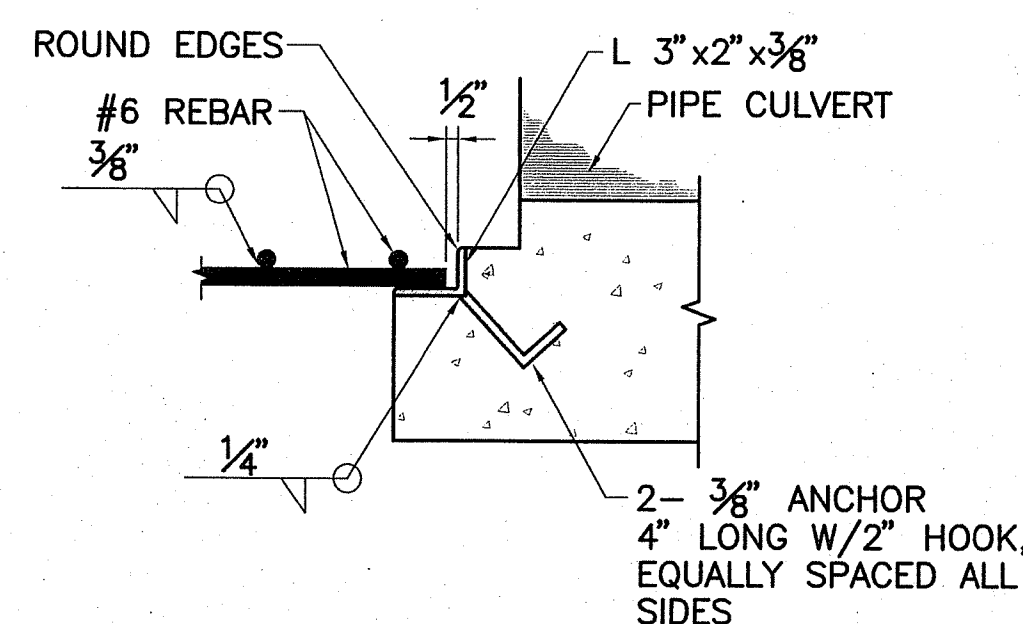
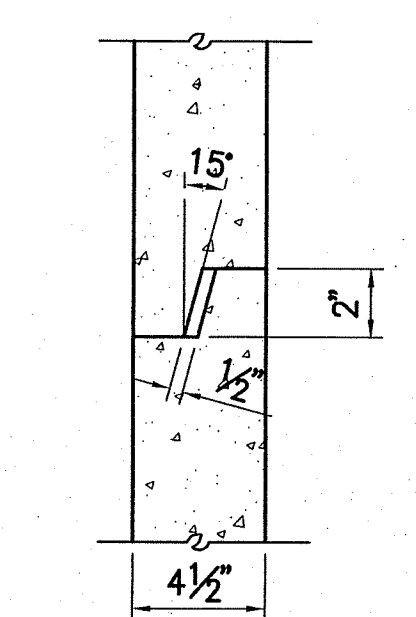
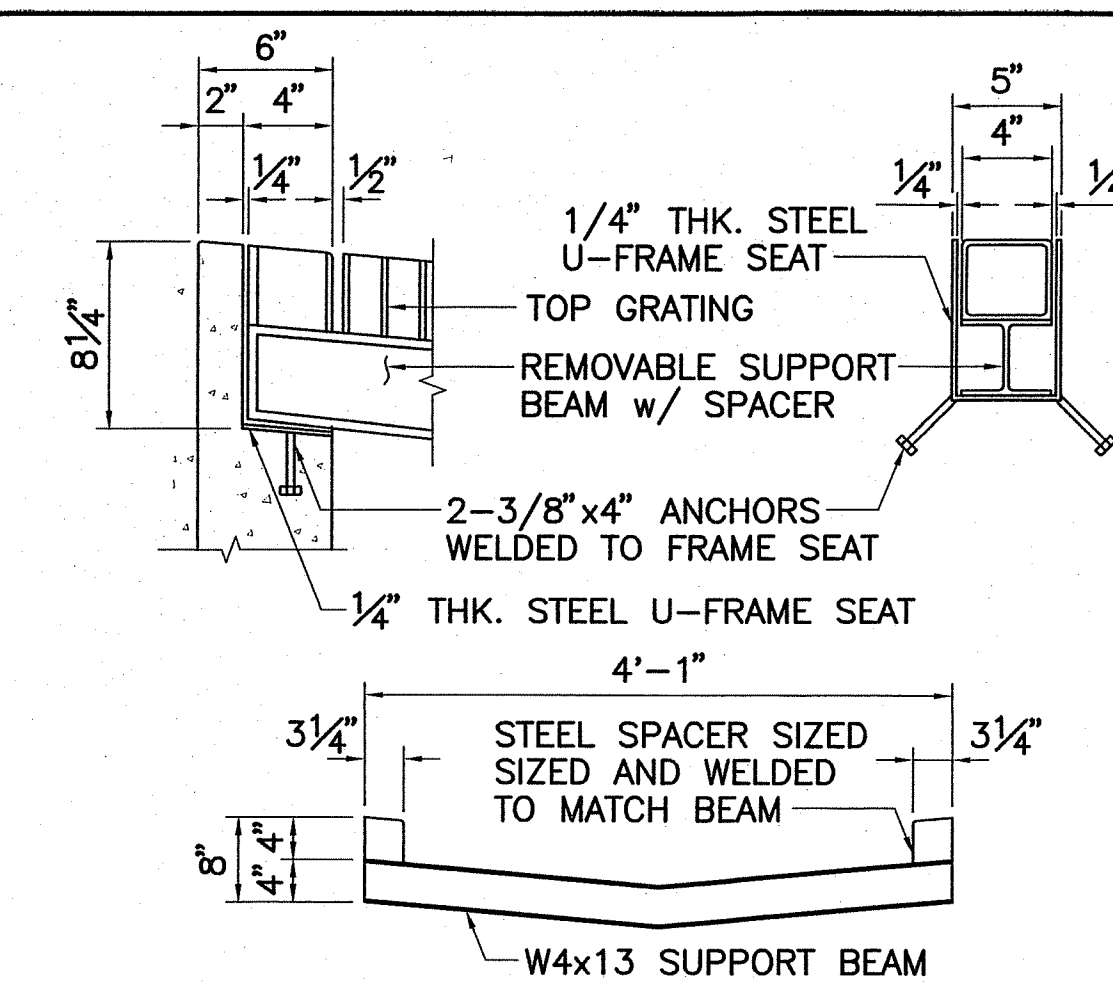
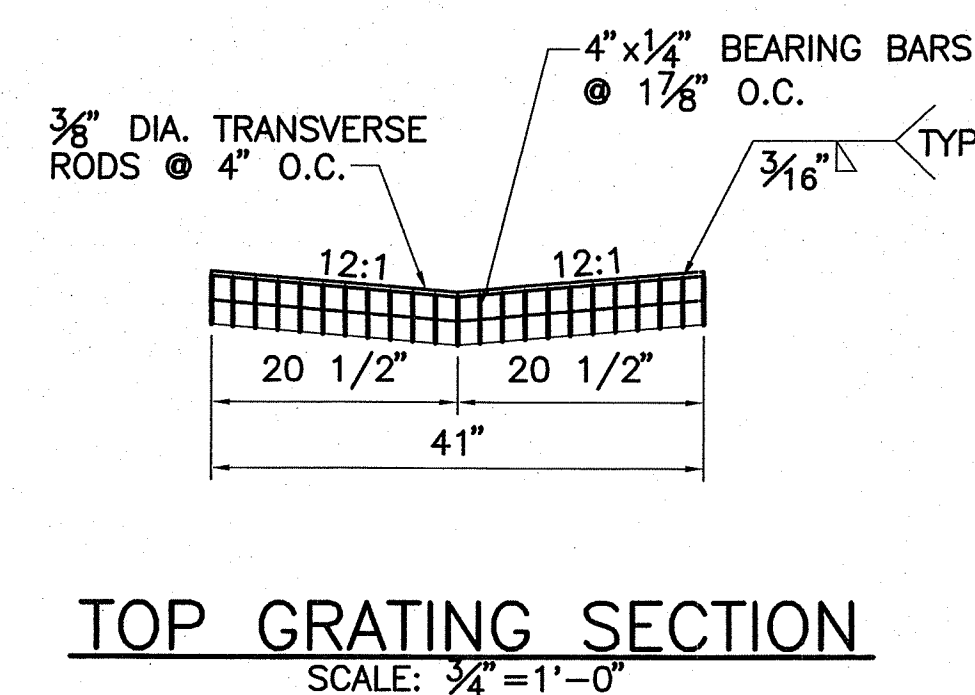
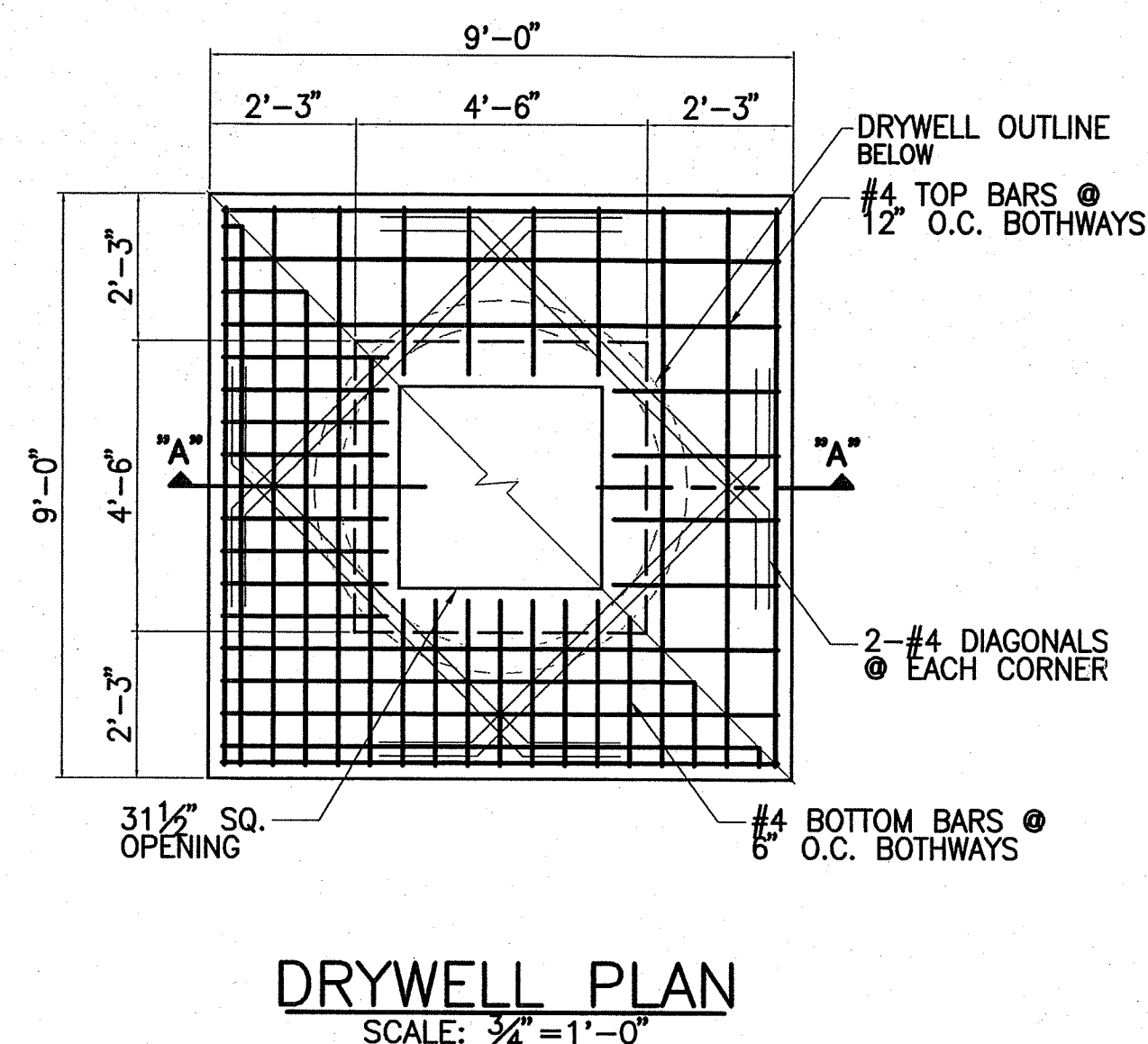
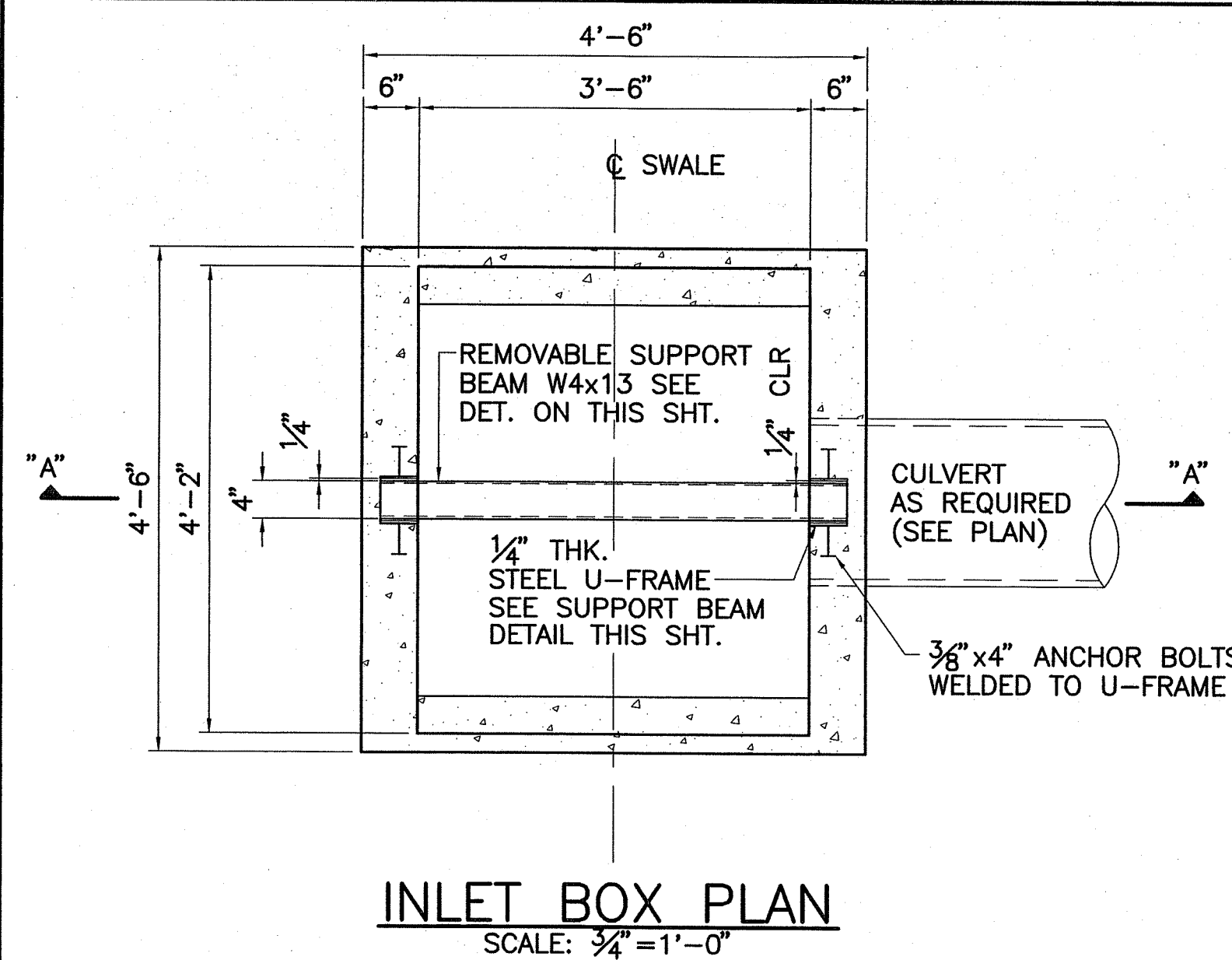
MN 98022
Project Director Project No.

SS/LY BKM/CH
Drawn By Checked By CAD File Name:

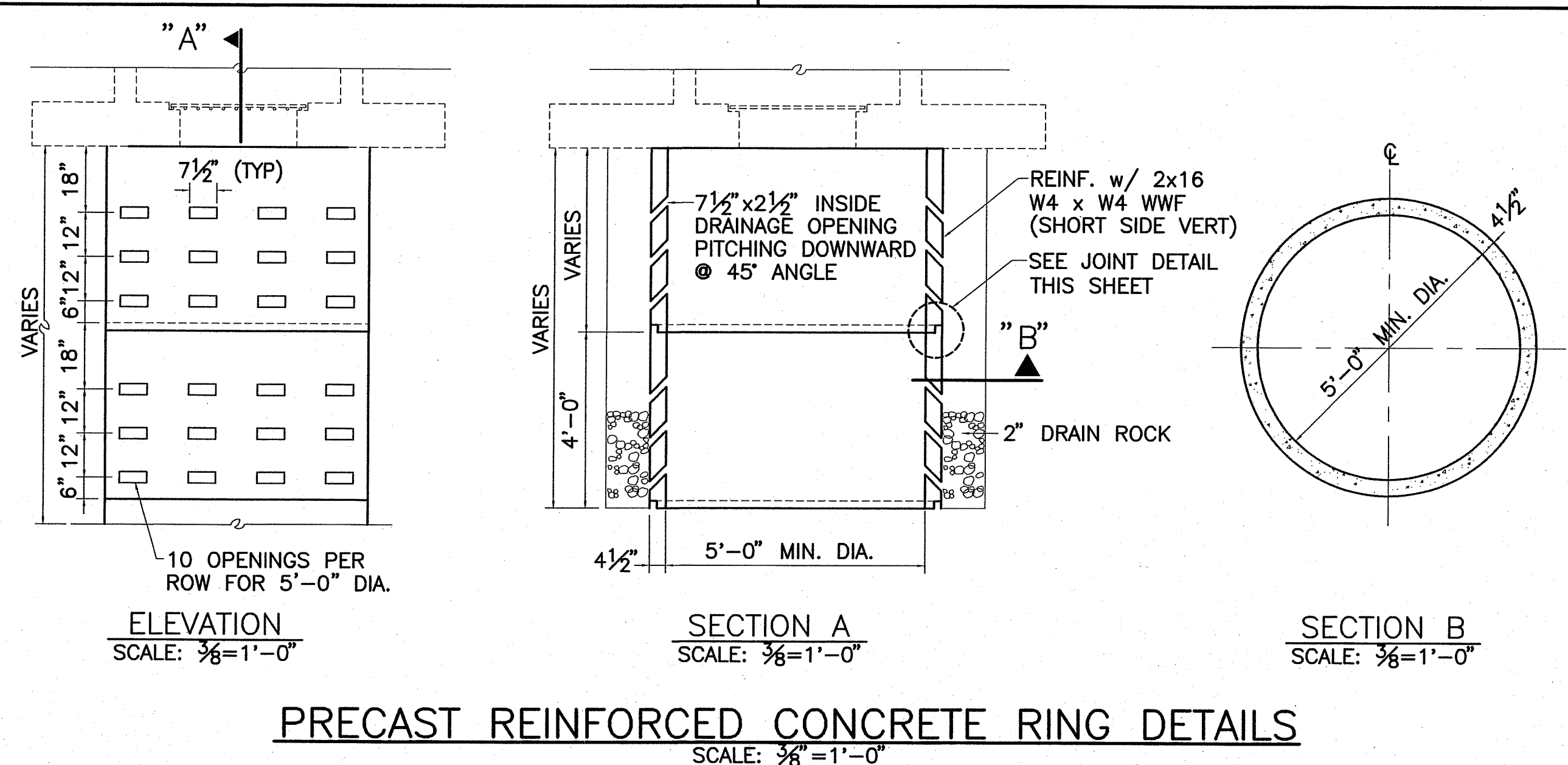
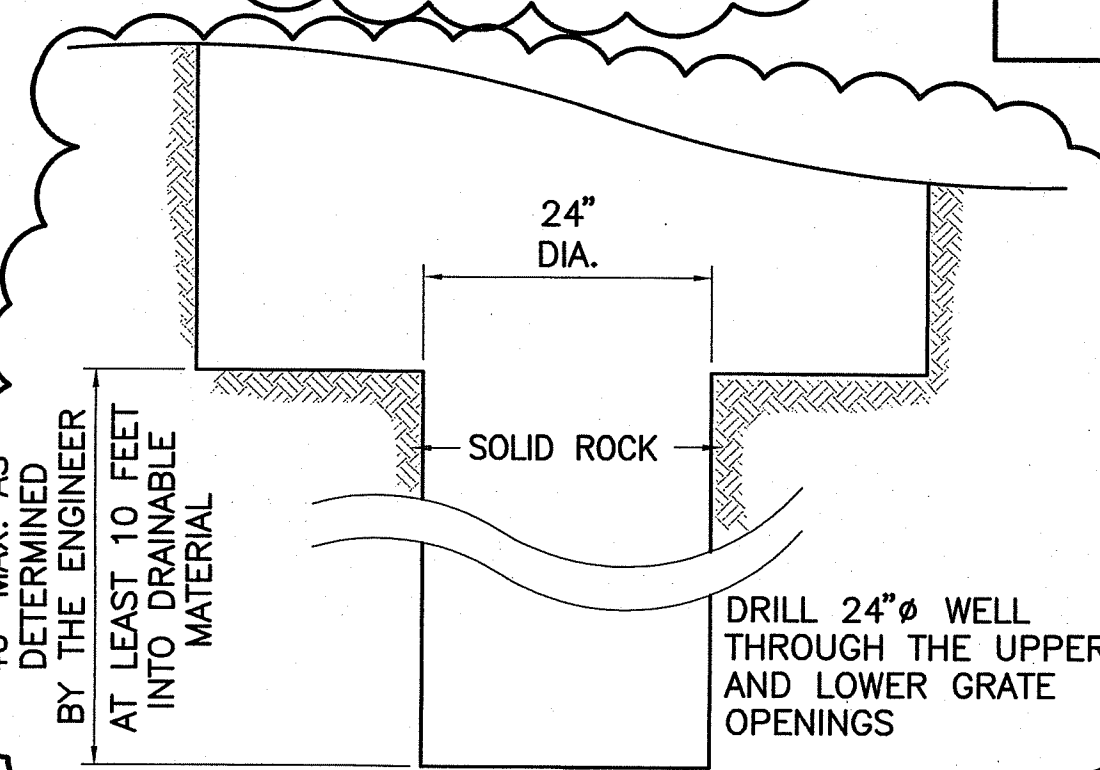
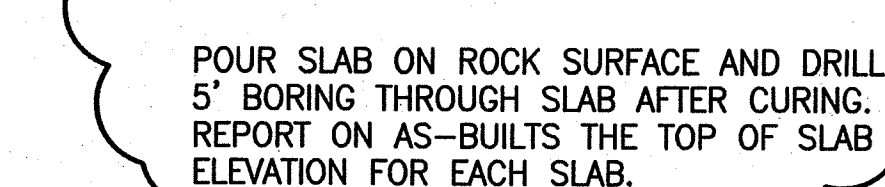
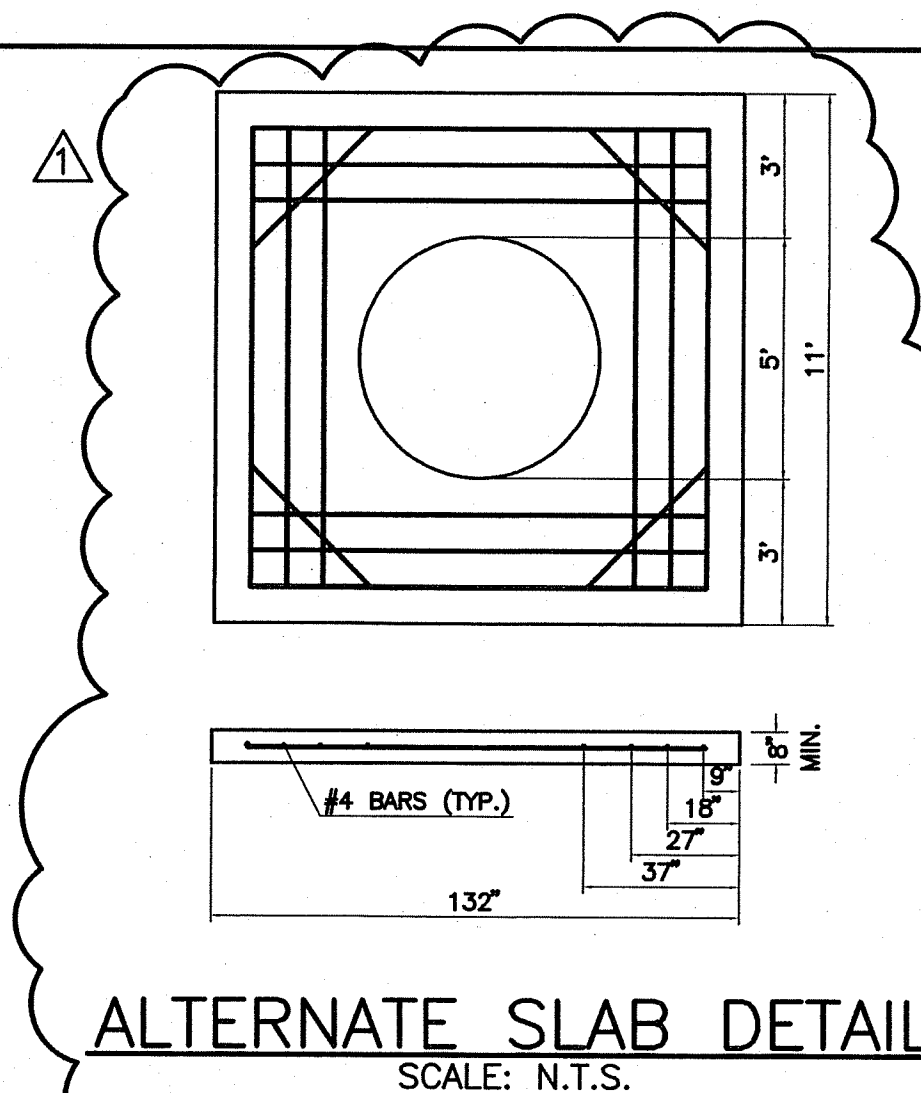
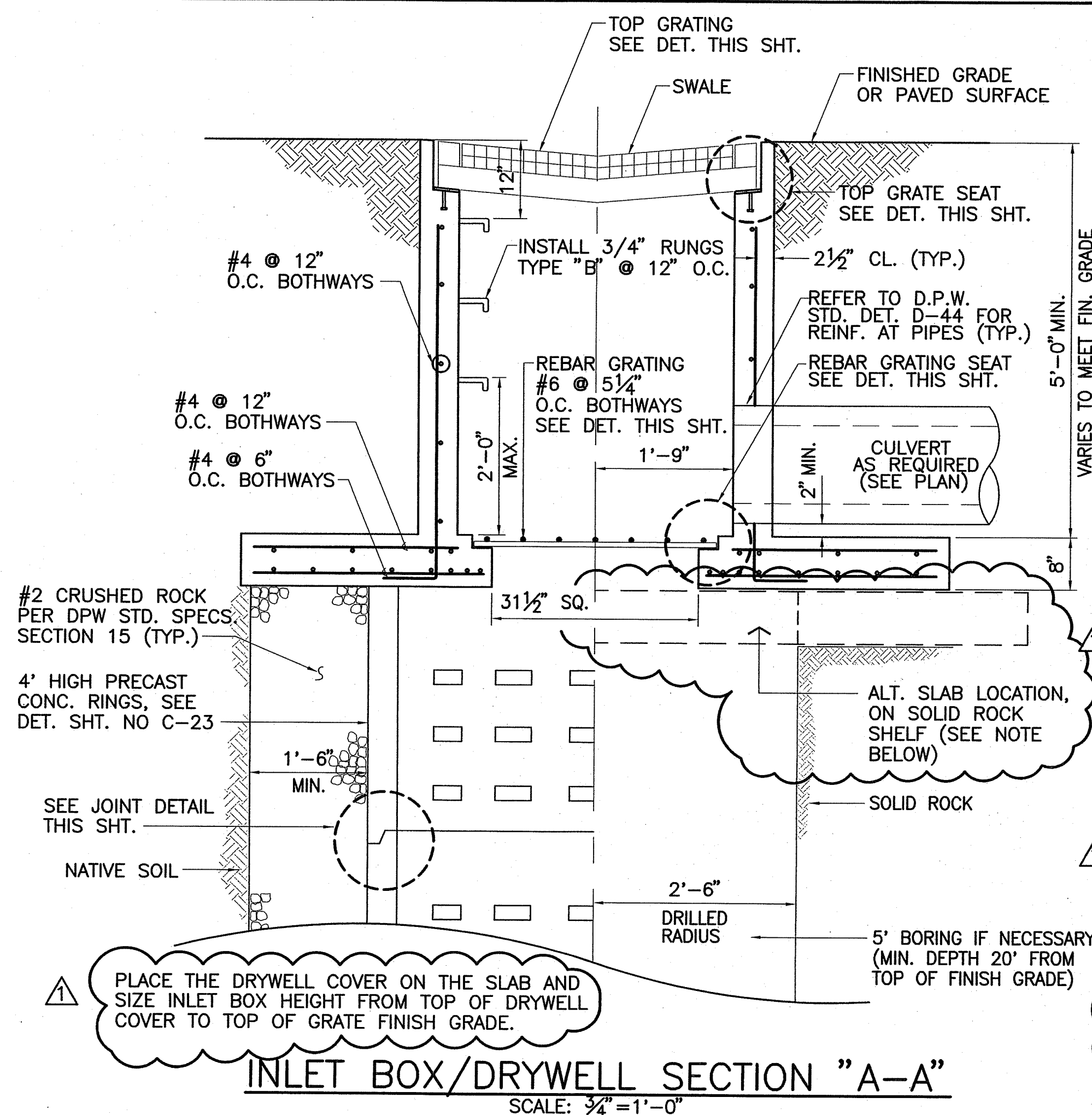
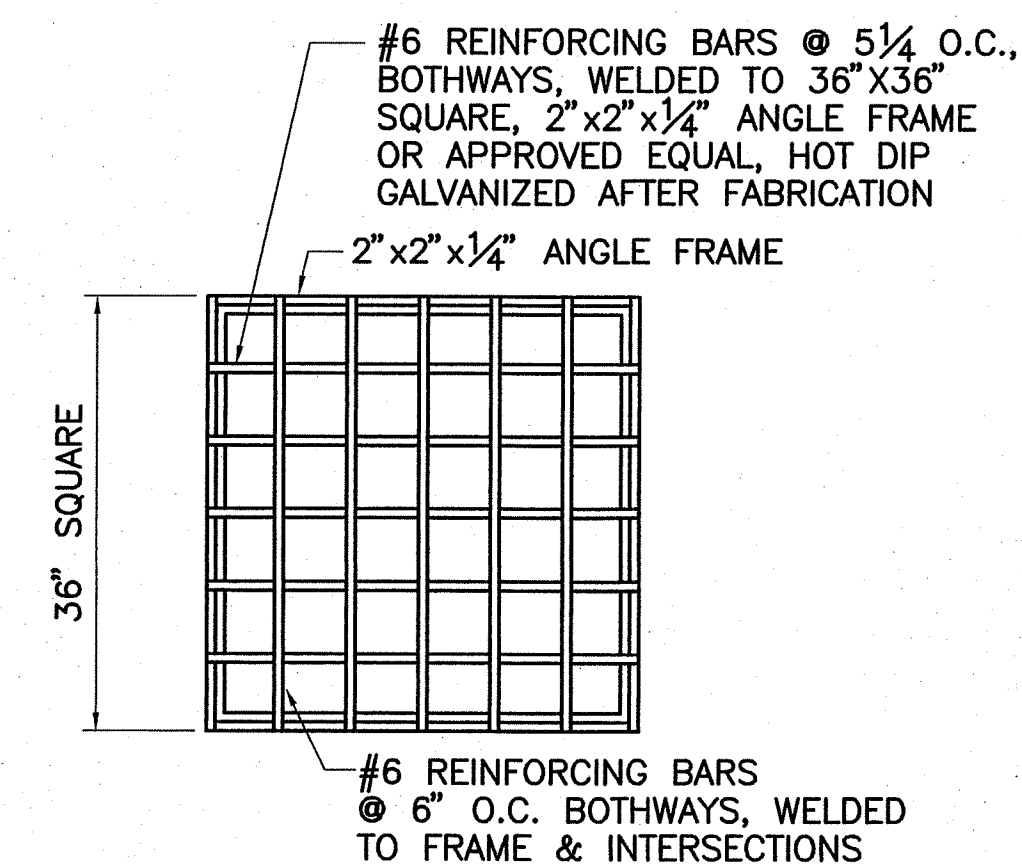
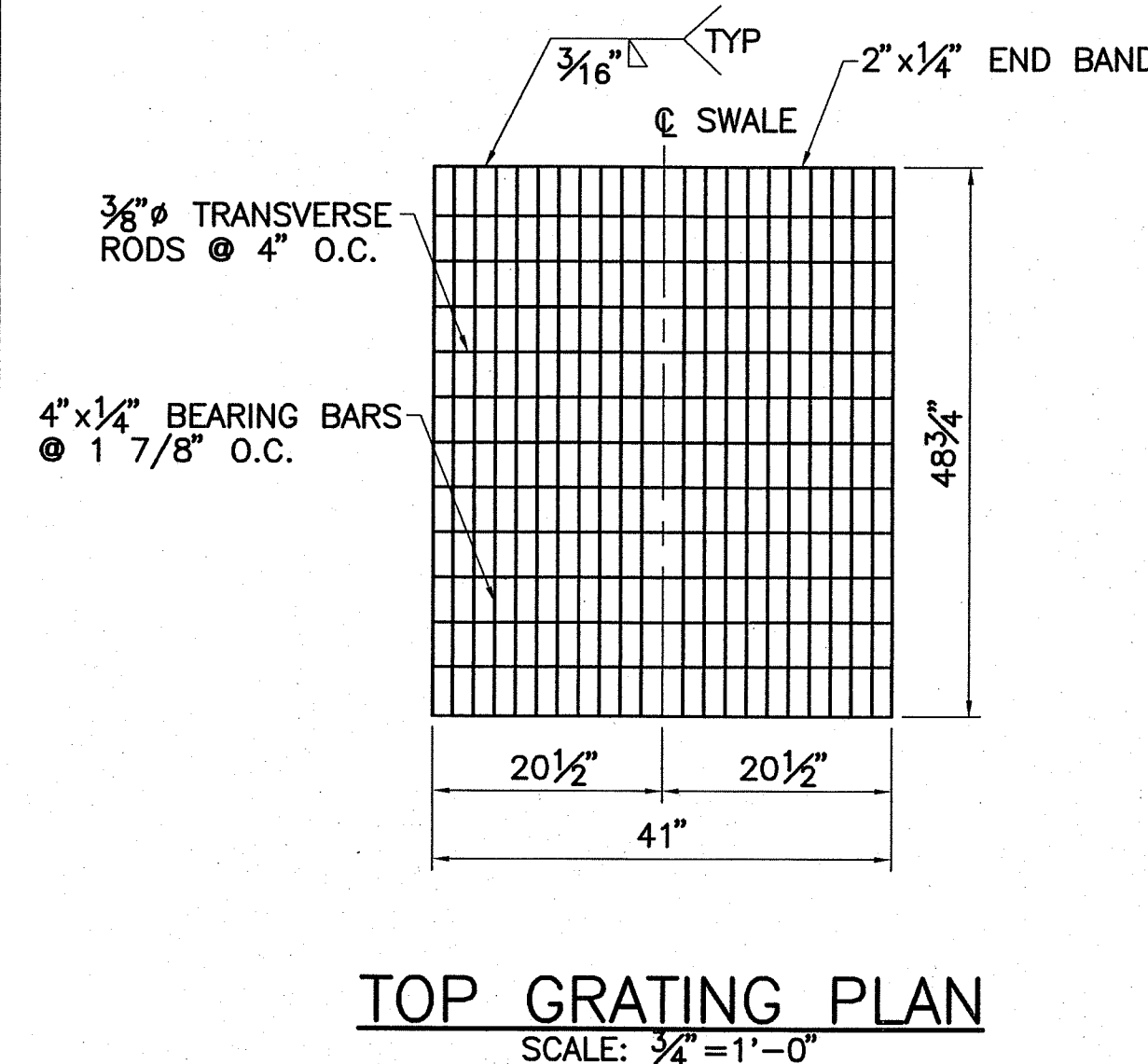
Scale:
10-16-00
Date

C-3A
Const. Issue Date 3 of 8 Sheets





- NOTES:
1. GRATING SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION.
 2. ALL STEEL SHALL BE STRUCTURAL GRADE (ASTM A36 MIN.)
 3. ALL WELDS 5/16" UNLESS OTHERWISE NOTED.
 4. ALL WELDING SHALL BE IN ACCORDANCE WITH CURRENT EDITION OF REINF. STEEL WELDING CODE AWS D1.4.



- NOTES:**
1. ALL WELDS 5/16", UNLESS OTHERWISE NOTED.
 2. ALL STEEL SHALL BE STRUCTURAL GRADE (ASTM A36 MIN.)
 3. GRATES AND FRAME L'S SHALL BE HOT DIP GALV.
AFTER FABRICATION IN ACCORDANCE WITH ASTM A123
 4. MIN. DEPTH SHALL BE 20'-0" OR AS DIRECTED BY THE ENGINEER.
 5. CONCRETE RINGS SHALL BE USED IN NON-SOLID ROCK CONDITIONS AND/OR IN AREAS WHERE OVER-EXCAVATED DEPTH EXCEEDS 4'-0".
 6. PROVIDE PROTECTIVE MEASURES/SANDBAGS TO PREVENT DRAINAGE AND SEDIMENT FROM ENTERING EXCAVATION AREAS. DO NOT REMOVE SANDBAGS FROM DRYWELL AREA UNTIL ACCEPTANCE OF FINAL PROJECT EROSION CONTROL MEASURES AND GRASSING.
 7. PROVIDE TWO RM-3 MARKERS WITH FLEX DELINEATOR POSTS AT EACH DRYWELL.
 8. CONSTRUCTION OF DRYWELL SHALL BE BY EXCAVATION AND DRILLING. BLASTING SHALL NOT BE PERMITTED.

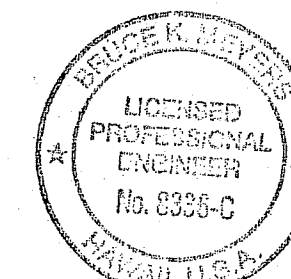
ENGINEERING DIVISION
DEPARTMENT OF PUBLIC WORKS

DATE 12/24/03

HILO: 200 KOHOLA STREET
HILO, HAWAII 96720
PH: (808) 961-5527
FAX: (808) 961-5529

KAILUA, KONA: 73-5574 MAIAU STREET, BAY 6B
KAILUA-KONA, HAWAII 96740
PH: (808) 329-1221
FAX: (808) 329-1006

HONOLULU: 677 ALA MOANA BLVD., SUITE 703
HONOLULU, HAWAII 96813
PH: (808) 524-1224
FAX: (808) 521-3151



This work was prepared by me or
under my direct supervision
and construction of this project
will be under my observation

[illegible]

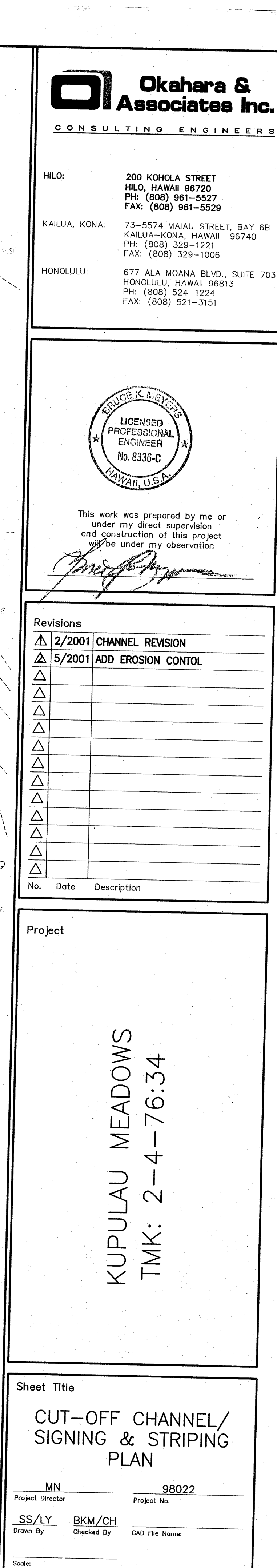
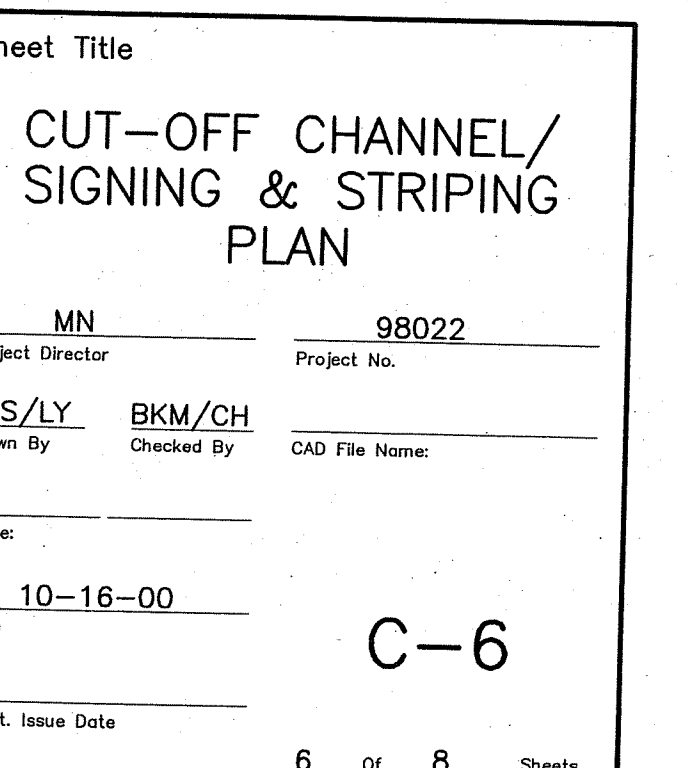
Project

KUPULAU MEADOWS
TMK: 2-4-76:34

Sheet Title

DRYWELL/INLET BOX DETAILS

MN
 Project Director
 SS/LY
 Drawn By
 BKM/CH
 Checked By
 CAD File Name:
 Scale:
 10-16-00
 Date
 C-5A
 Const. Issue Date



MN
Project Director

SS/LY
Drawn By

BKM/CH
Checked By

1982

Project No.

CAD File Name:

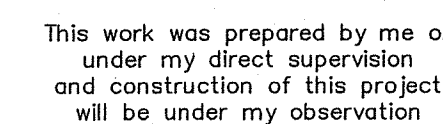
Scale:

10-16-00

Date

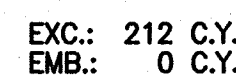
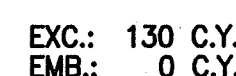
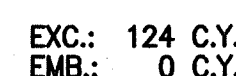
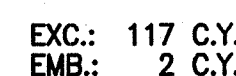
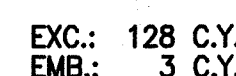
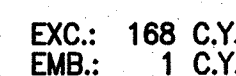
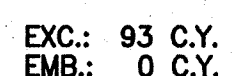
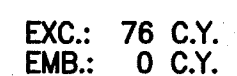
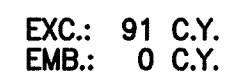
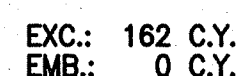
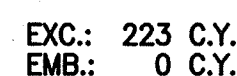
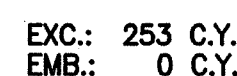
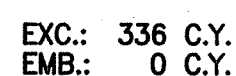
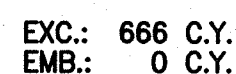
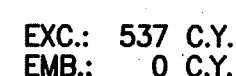
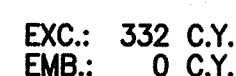
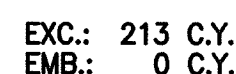
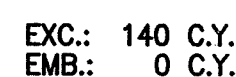
Consent. Issue Date

6 of 8 Sheets

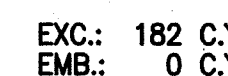
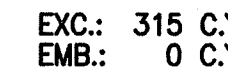
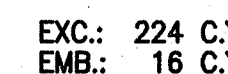
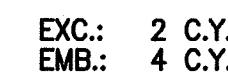
Project

Sheet Title
ROAD CROSS SECTIONS

MN
Project Director
SS/LY BKM/CH
Drawn By Checked By
CAD File Name:
Scale:
9-29-00
Date
C-7
Const. Issue Date



TOTAL EXCAVATION: 4,724 C.Y.
TOTAL EMBANKMENT: 27 C.Y.
TOTAL AREA GRADED: 1.45 AC.



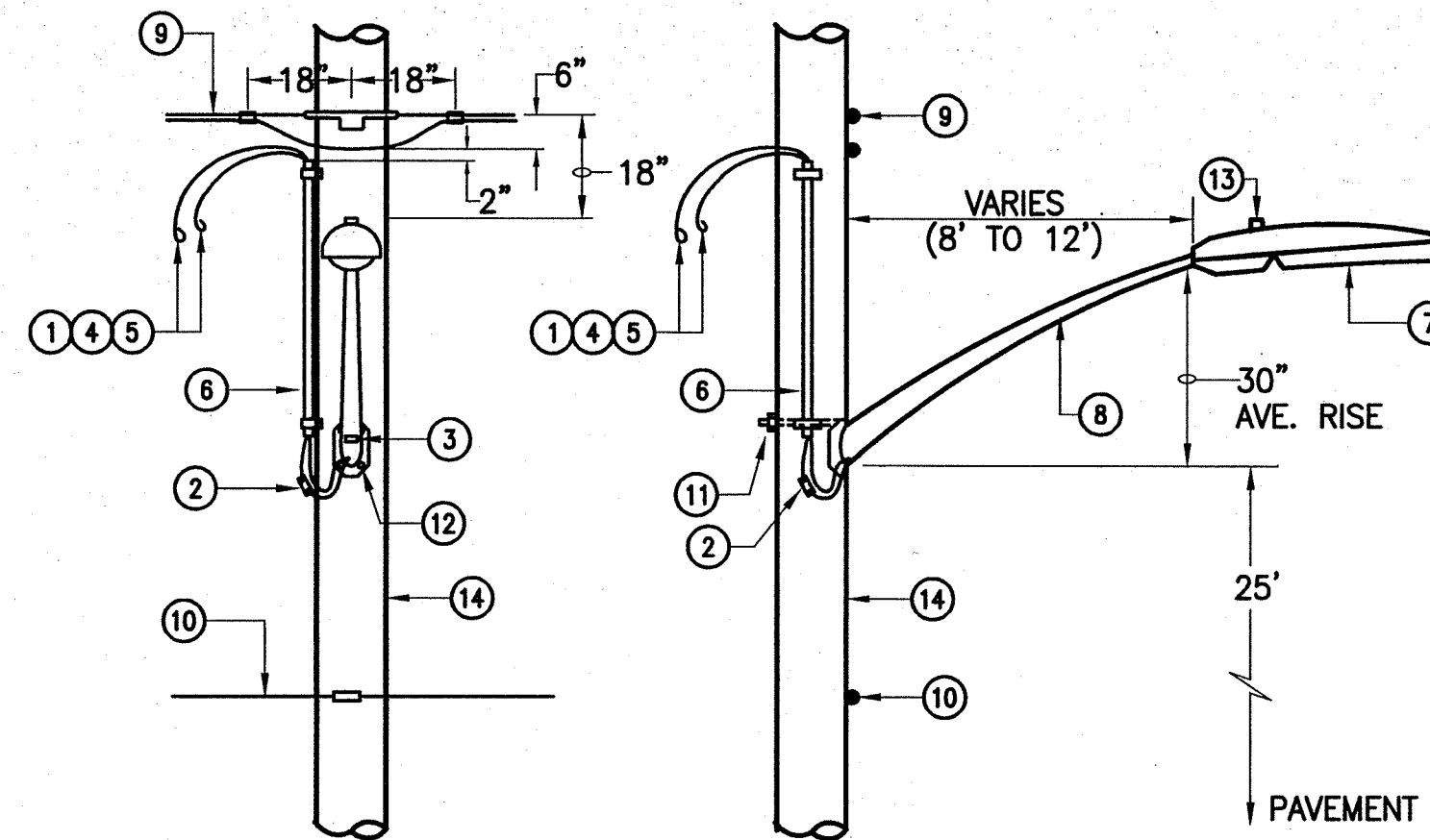
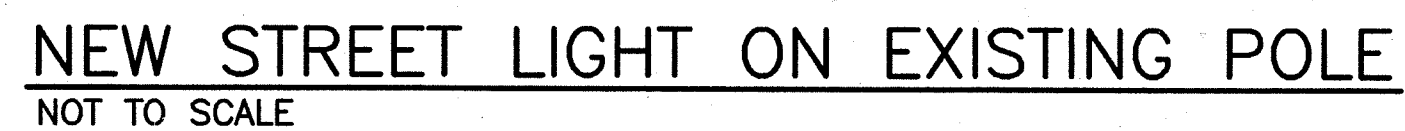
VERT. SCALE:
1" = 4'

4' 2' 0 4'

HORIZ. SCALE:
1" = 40'

40' 20' 0 40'

SCALE: HORIZ. 1"=40'
VERT. 1"=4'



NEW STREET LIGHT ON UTILITY POLE

NOT TO SCALE

- NOTES

- ① NO. 12 AWG-RHW, BLACK AND WHITE COPPER WIRE
- ② IN-LINE FUSE HOLDER AND FUSE (7 AMP) FOR NO. 12 AWG COPPER WIRE ON LOAD SIDE.
- ③ 2" x 2" REFLECTORIZED GREEN STICKER, SIGNIFYING THAT STREET LIGHTS ARE BONDED.
- ④ NO. 12 AWG-RHW BLACK, SINGLE CONDUCTOR COPPER WIRE. MINIMUM 3'.
- ⑤ NO. 12 AWG-RHW WHITE, SINGLE CONDUCTOR COPPER WIRE. MINIMUM 3'.
- ⑥ 3/4" SCHEDULE 80 PVC WITH CONDUIT STRAPS
- ⑦ LUMINAIRE, 90 & 55 WATT LOW PRESSURE SODIUM AS INDICATED.
- ⑧ TAPERED ELLIPTICAL ALUMINUM MOUNTING BRACKET, LENGTH AS INDICATED.
- ⑨ SECONDARY BY HELCO, EXISTING OR NEW AS APPLICABLE.
- ⑩ H.T.CO. LINES (WHERE APPLICABLE)
- ⑪ MACHINE BOLT, 5/8" x REQUIRED LENGTH. (1-REQ'D.)
- ⑫ LAG SCREW, 1/2" x 4".
- ⑬ PHOTOCELL
- ⑭ UTILITY POLE, NEW OR EXISTING AS INDICATED.

FINAL CONNECTIONS TO BE MADE BY HAWAII ELECTRIC LIGHT COMPANY.

STREET LIGHT NOTES

1. NO CHANGES WILL BE ALLOWED WITHOUT PRIOR APPROVAL FROM TRAFFIC DIVISION, DEPARTMENT OF PUBLIC WORKS, COUNTY OF HAWAII.
2. ALL STREET LIGHT I.D. TAG NUMBERING FOR WOODEN POLES SHALL BE IN ACCORDANCE WITH HELCO'S NUMBERING SYSTEM.
3. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY SECONDARY CIRCUIT EXTENSIONS TO THE NEAREST HELCO SECONDARY.
4. IF THE STREET LIGHTS ARE INSTALLED BEFORE HELCO INSTALLS THEIR SECONDARY, THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION AND INFORMING HELCO OF STREET LIGHT LOCATIONS AND POLE CONTACTS.
5. THE CONTRACTOR SHALL ARRANGE AND ASSUME COSTS TO ENERGIZE STREET LIGHTS A MINIMUM OF 6 HOURS FOR FINAL INSPECTION.
6. THE CONTRACTOR SHALL INSCRIBE THE MONTH AND YEAR OF INSTALLATION OF PHOTOCELLS AND LAMPS. ALL P.E.'S SHALL HAVE THE NORTH INDEX FACING NORTH.
7. ALL LABOR AND MATERIALS SHALL BE WARRANTED FOR A MINIMUM OF ONE YEAR FROM DATE OF DEDICATION TO THE COUNTY.
8. ACCEPTABLE STREET LIGHT MATERIALS:

LUMINAIRES:

WITH PE RECEPTACLE AND 120-240 VOLT HPF BALLAST.

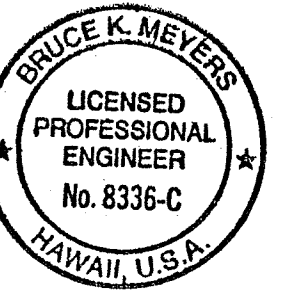
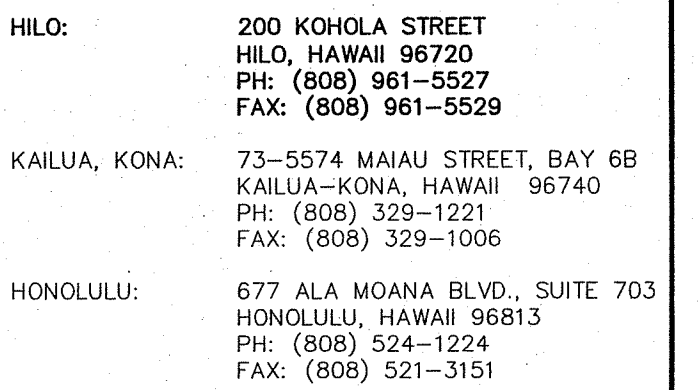
- 1) AMERICAN ELECTRIC SRX 55, SP2 90, SP2 135, & SP2 180 WITH POLYCARBONATE SEMI-CUTOFF LENS.

PHOTOCELLS:

COMPLETELY SOLID STATE. FAIL "ON".

- 1) ALR SST PV-IES

9. SHOP DRAWINGS SHALL BE SUBMITTED FOR APPROVAL BY TRAFFIC DIVISION.
10. ALL WORK SHALL CONFORM TO THE LATEST NATIONAL ELECTRICAL CODE.



This work was prepared by me or
under my direct supervision
and construction of this project
will be under my observation

Revisions

△		
△		
△		
△		
△		
△		
△		
△		
△		
△		
△		
△		
△		
△		
No.	Date	Description

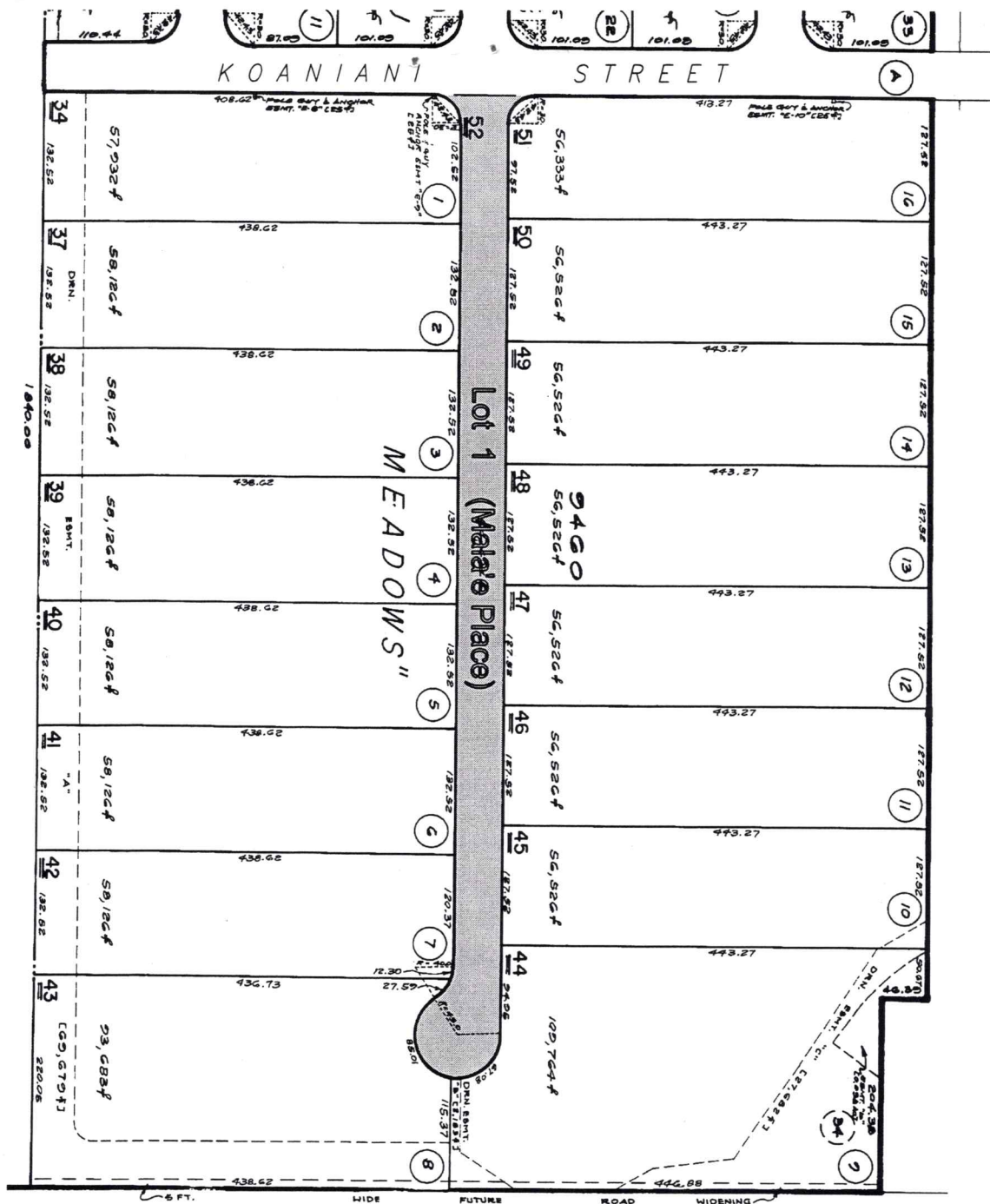
Project

KUPULAU MEADOWS
TMK: 2-4-76:34

Sheet Title

ELECTRIC DETAILS

MN
 Project Director
 Project No.
 SS/LY BKM/CH
 Drawn By Checked By
 CAD File Name:
 Scale:
 9-29-00
 Date
 C-8
 Const. Issue Date
 8 of 8 Sheets



DEDICATION LOCATION MAP

KUPULAU MEADOWS

TO BE DEDICATED:	Lot 1 (Mala'e Place), along with 7 Dry Wells
TYPE OF ROAD:	50-ft. right-of-way with 20-ft wide paved (2" A.C.) roadway, 6-ft. paved (2" A.C.) shoulders and 9-ft. paved (2" A.C.) swales.
LENGTH OF ROAD:	Lot 1 (Mala'e Place) = 1060 L.F. (0.2 mile)
NO. OF LOTS:	16 lots (A-1a)
TAX MAP KEY:	2-4-076:052