

DEC 29 1998

ENGINEERING DATA TRANSMITTAL

Page 1 of 1

Sta. 37

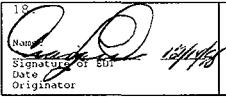
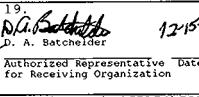
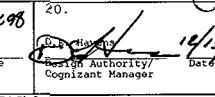
1. EDT 623043

2. To: (Receiving Organization) Dan A. Batchelder TWM/TEL	3. From: (Originating Organization) LMSI TWM/TEL	4. Related EDT No.: N/A
5. Proj./Prog./Dept./Div.: LMSI/TWM/99090-1	6. Design Authority/ Design Agent/Cog. Craig LeDuc	7. Purchase Order No.: N/A
8. Originator Remarks: Please review the attached specifications HNF-3735 Rev 0	9. Equip./Component No.: N/A	
11. Receiver Remarks: 11A. Design Baseline Document? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Fiber Optic Cross-Connect Records Required with As-Built <input type="checkbox"/>	10. System/Bldg./Facility: Telecommunications Infrastructure	
	12. Major Assm. Dwg. No.: N/A	
	13. Permit/Permit Application No.: N/A	
	14. Required Response Date: 02/29/98	

15. DATA TRANSMITTED				(F)	(G)	(H)	(I)	
(A) Item No.	(B) Document/Drawing No.	(C) Sheet No.	(D) Rev. No.	(E) Title or Description of Data Transmitted	Approva l Design inator	Reason for Trans- mittal	Orig- inal Dis- posi- tion	Receiv- er Dis- posi- tion
1	HNF-3735		0	183 KE HLAN	S/Q	4		

16. KEY								
Approval Designator (F)		Reason for Transmittal (G)			Disposition (H) & (I)			
E, S, O, D or N/A (see WNC-CM-3-5, Sec.12.7)		1. Approval 2. Release 3. Information	4. Review 5. Post-Review 6. Dist. (Receipt Acknow. Required)		1. Approved 2. Approved w/comment 3. Disapproved w/comment	4. Reviewed w/comment 5. Received w/comment 6. Receipt acknowledged		

17. SIGNATURE/DISTRIBUTION (See Approval Designator for required signatures)								
(G) Reason	(H) Disp.	(J) Name	(K) Signature	MSIN	(L) Date	(M)		
4	1	Cog.Eng.:	See Specification cover sheet	<i>D. A. Batchelder</i>	12/14/98	G3-35		
4	1	Design Authority:	D.E. Havens See Specification cover sheet			G3-35		
4	1	OSP/ISP Lead:	R.K. Curry see specification cover sheet	<i>R. K. Curry</i>	12/14/98	G3-35		
4	1	QA: R.K. Curry	See Specification cover sheet		12/14/98			
4	1	NM Lead: B.A. Marin	<i>B. A. Marin</i>		12/15/98	G2-04		
4	1	Electronics: W.E. Sheehan	<i>W. E. Sheehan</i>		12/14/98	G3-35		
4	1	TWM Lead: D.A. Batchelder	<i>D. A. Batchelder</i>		12-15-98	G3-35		
4	1	Operations: J.J. Blackmore	<i>J. J. Blackmore</i>		12/15/98	G3-35		
4	1	IVDTS: M.E. Froehlich	<i>M. E. Froehlich</i>		12/15/98	G3-35		
4	1	Facilities: T.M. Holmes	See Specification cover sheet		12/15/98	G3-60		
4	1	Safety: T.M. Holmes	See Specification cover sheet		12/15/98	G3-60		

18. 	19.  D. A. Batchelder Date 12/15/98	20.  D. E. Havens Design Authority/ Cognitive Manager Date 12/15/98	21. DOE APPROVAL (if required) Ctrl. No. [] Approved [] Approved w/comments [] Disapproved w/comments
Name Signature of EDT Date Originator	Authorized Representative for Receiving Organization	Date	

SD-7400-172-2 (05/96) GEF097 H:\A-TWM\WFFILES\EDT\S\0-BLANK.EDT

Fluor Daniel
Hanford Company

P.O. Box 1000
Richland, Washington 99352

HNF-3735

Revision No. 0

Total Pages 8 7

Project Hanford Management Contractor
for the U.S. Department of Energy
under Contract No. DE-AC06-86RL13200.

HN960161 105384/AJ50

SPECIFICATION FOR 183KE HLAN

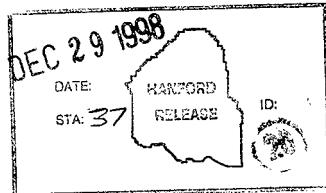
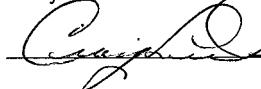
System No.
Equipment No.

Building: 183KE

Project: HLAN INSTALLATION

Impact Level: Q/S

Prepared By: Lockheed Martin Services, Inc.



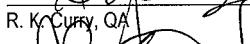
Approved By:



D. E. Havens, Design Authority

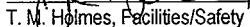
Date

12/15/98



R. K. CURRY, QA

12/14/98



T. M. Holmes, Facilities/Safety

01/15/99

TECHNICAL SPECIFICATIONS
DIVISION 1 -GENERAL REQUIREMENTS

SECTION 01010

SUMMARY OF WORK

PART 1. GENERAL

1.1 SCOPE OF WORK

- A. Purpose. The purpose of this specification is to provide [new] telecommunications service to 183KE, 100K.
- B. Site Description. Worksite is in the 100K Area of Hanford Site and is located approximately (45road miles) north of Richland.
- C. Milestones.
 - 1. Need by date: 1/8/99
 - 2. Completion date: 1/29/99
- D. Applicability. This specification documents telecommunications requirements for Site [HLAN] systems.
- E. Exceptions. This specification addresses the installation of systems for unclassified data only. Classified systems are subject to different requirements.

1.2 RELATED SECTIONS

Section 1540 - Worksite Security and Safety

1.3 DESIGN MEDIA

Unless otherwise specified, the Standard Specification for Hanford Site Telecommunications Systems and Facilities, HNF-S-0403 shall be used as a design basis for standard telecommunications systems and facilities.

1.4 WORKSITE CONDITIONS

Worksite safety and security conditions are described in the following Good Faith Inspection form.

1.4 Inspection form - Blank - N/A.
(This page intentionally left blank, per telecon
with Craig LeDuc, 12/29/98.)
J. Aardal/Sta. 37

1.5 REFERENCES

- A. HNF-3735, Standard Specification for Hanford Site Telecommunications Systems and Facilities.
- B. Purchase Order TGG-SVV-393260, "Integrated Voice Data Telecommunications System."

1.5 GENERAL REQUIREMENTS

- A. Terminology. Terminology used in this specification is defined in Federal Standard 1037C.
- B. Measurement. Measurements provided in this specification are computed using the International System of Units (SI), i.e. the metric system. U.S. System measurements are provided as supplementary information.
- C. System Description.
 1. Telecommunications Requirements. Standard telecommunications construction and installations are described in *Standard Specification for Hanford Site Telecommunications Systems and Facilities*, HNF-S-0403.
 2. Supporting Telecommunications Facilities.
 - a. Hanford Local Area Network (HLAN) Services. The supporting HLAN network node is located at m0-442
 - b. Telephone Service. Provided from the Area Switch Node at Building No. 2220W
- D. Description of Work.

This project is to install HLAN into the 183KE building located at 100K Area. A two fiber optic cable shall be installed between M0-442 and 183 KE. The HLAN concentrator will be a UB Networth with two HLAN drops installed.

1.6 CONTRACTOR USE OF SITE

Contractor use of the Site shall follow the guidelines and procedures set forth in the IVDTS Contract (Reference 1.3.B) and HNF-S-0403 (Reference 1.3.A).

1.7 DELIVERY, STORAGE AND HANDLING

Devices and equipment shall be visually inspected by the Contractor when received and prior to acceptance from conveyance. Stored items shall be protected from the environment in accordance with the manufacturer's published instructions. Specific delivery storage and handling instructions for specific items

are described in the pertinent section.

1.8 PERMITS AND INSPECTION

Guidelines and procedures for permits and inspections are described in the IVDTS Contract (Reference 1.3.B)

1.9 SKETCHES

The project sketches to be used for the performance of the work described in this specification are provided in Appendix A.

PART 2. PRODUCTS

Not Used

PART 3. EXECUTION

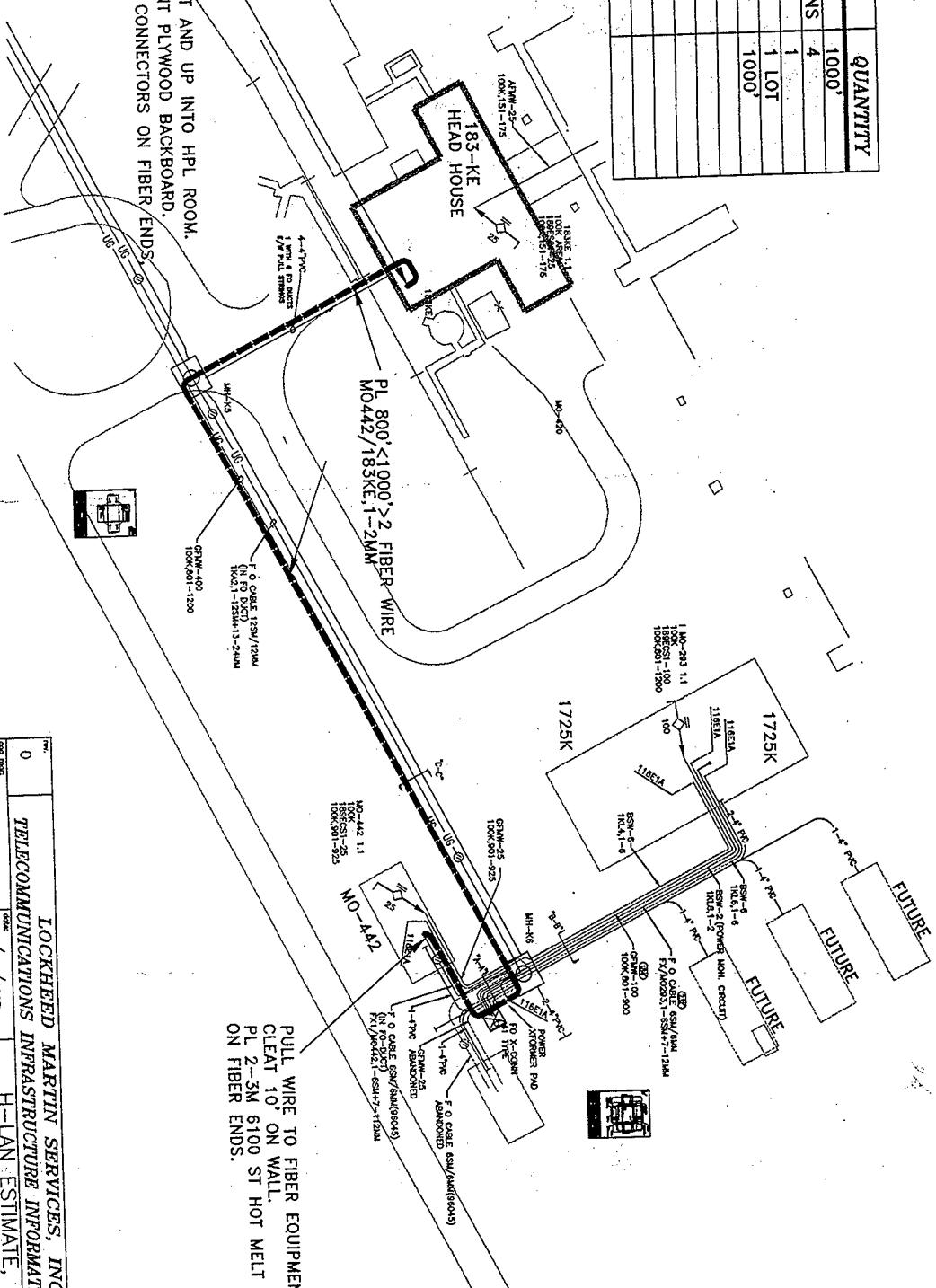
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END OF SECTION

HNT-3735
Rev. 0

OSP MATERIALS ONLY

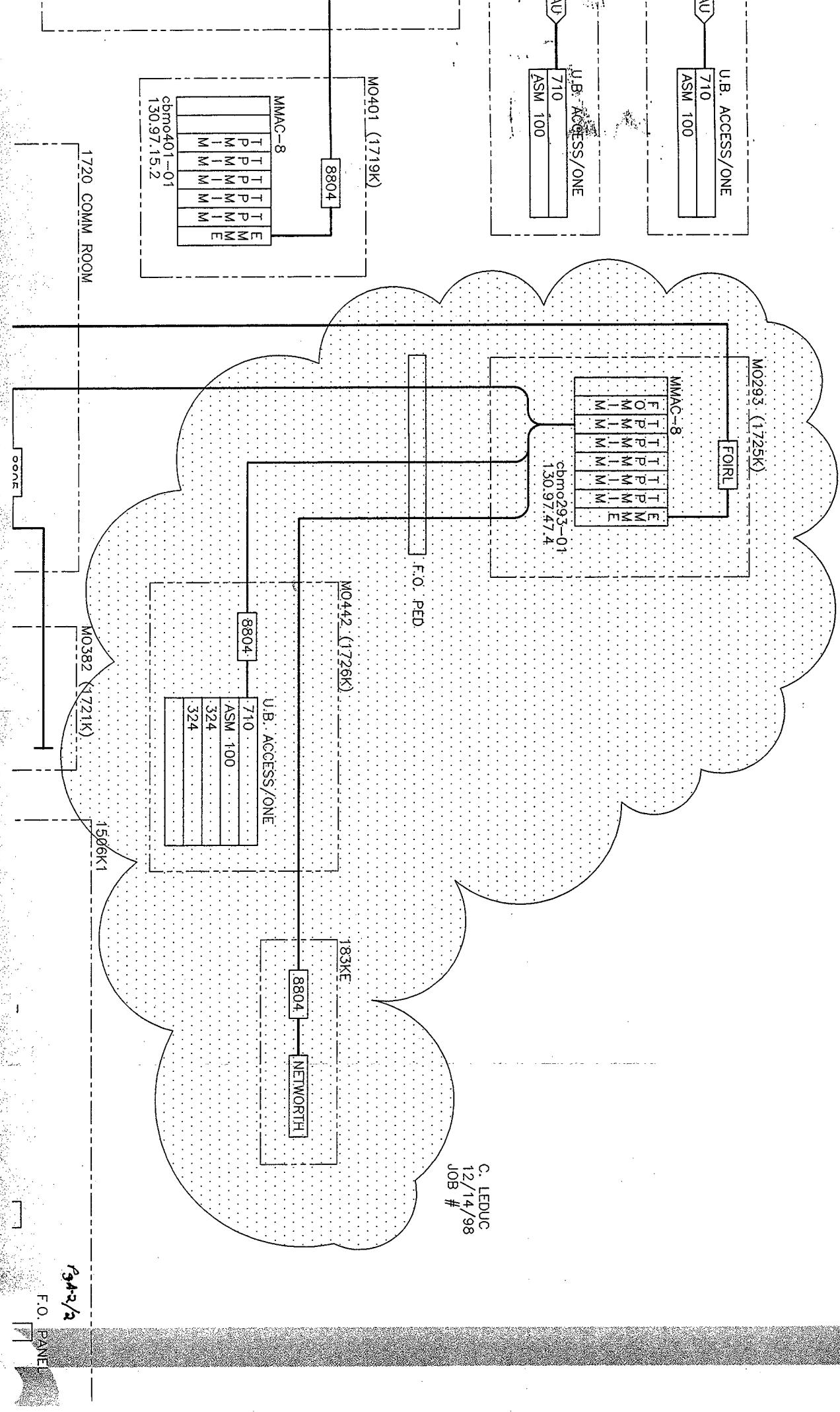
DESCRIPTION		QUANTITY
2 FIBER MM	WIRE GFE	1000'
3M 6100 ST	HOT MELT CONNS	4
2'X2' 3/4" PLY	BB	1
STRAPPING MATERIALS		1 LOT
MULE TAPE		1000'



CLEAR 60" THROUGH BASEMENT AND UP INTO HPL ROOM.
PL 2'X2' 3/4" FIRE RETARDENT PLYWOOD BACKBOARD
PL 2-3M 6100 ST HOT MELT CONNECTORS ON FIBER
VENT

PULL WIRE TO FIBER EQUIPMENT BB AND
CLEAT 10 ON WALL.
PL 2-3M 6100 ST HOT MELT CONNECTORS
ON FIBER ENDS.

LOCKHEED MARTIN SERVICES, INC.
TELECOMMUNICATIONS INFRASTRUCTURE INFORMATION SYSTEM
H-LAN ESTIMATE, 183-KE



DISTRIBUTION SHEET

To Distribution	From Craig LeDuc 376-3435	Page 1 of 1 Date 12/10/98			
Project Title/Work Order 183KE HLAN Installation		EDT No. 623043 ECN No. N/A			
Name	MSIN	Text With All Attach	Text Only	Attach. / Appendix Only	EDT/ECN Only
LMSI Project Files (98090-1) Central Files (1 copy + original)	G3-35 B1-07		X X		