

AIRPORT USE PERMIT
MONTGOMERY FIELD AIRPORT

A Right-of-Entry Permit is executed by and between THE CITY OF SAN DIEGO, a municipal corporation, herein called "City" and MCI TELECOMMUNICATIONS CORPORATION, a Delaware corporation, with an address at 400 International Parkway, Richardson, Texas 75081, herein called "Permittee" for the purpose of installing and maintaining a new conduit system on premises located on Montgomery Field Airport, in the City of San Diego, County of San Diego.

1. PREMISES: The permit area, hereinafter named the "Premises," is on city-owned property described as a portion of Montgomery Field Airport, which includes the area of the new conduit line, which runs approximately 3,695 linear feet, and 20 feet to each side of the conduit line, delineated on Exhibit "A" hereof, which by this reference shall be included as a part of this permit.
2. USE: Permittee is hereby granted the non-exclusive right to enter the Premises to install, maintain and remove the new conduit line, which will service the Automated Flight Service Station at Montgomery Field Airport, at no expense to City.
3. TERM: This is a month-to-month permit, commencing on April 1, 1993 and continuing until the permit is terminated by either party serving the other party with a prior 90-day written notice, without the necessity of cause.
4. FEE: In consideration for the processing and granting of this permit, Permittee shall pay City a nonrefundable, one-time permit processing fee in the amount of \$360.00 and an annual fee in the amount of \$600.00. Such one-time fee and the first year's annual fee shall be paid in advance by U.S. currency or cashier's check, made payable to the City Treasurer and mailed or delivered to:

City of San Diego, Airports Administration
3750 John J. Montgomery Drive
San Diego, CA 92123

Subsequent payments of the annual fee shall be made to the above address on April 1 of each year during the continuation of this permit.

5. INDEMNITY: Permittee shall at all times assume the defense of, relieve, indemnify, protect, and save City and all of its boards, officers, agents, and employees harmless from any and all claims and demands, actions, proceedings, losses, liens, costs, judgments, civil fines, and penalties of any nature whatsoever in regard to or resulting from the use of the Premises, including, but not limited to expenses incurred in legal actions, death, injury, or damage that may be caused directly or indirectly by Permittee, its agents or guests.
6. INSURANCE: Permittee shall take out and maintain at all times during the term of this permit, at its sole expense Public Liability Coverage insurance in the amount of not less than \$1,000,000. The policy shall name the City of San Diego as additional insured as its interest pertains to the Premises.
7. SECURITY: Permittee shall be solely responsible for the security of its equipment.
8. RELOCATION: Permittee hereby acknowledges and agrees that upon request by City Permittee will relocate its facilities at Permittee's sole cost and expense.
9. HAZARDOUS/TOXIC WASTE: Permittee will not allow the release of hazardous substances in, on, or under or from the Premises. For the purposes of this provision, a release shall include, but not be limited to, any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leeching, dumping, or otherwise disposing of hazardous substances. "Hazardous substances" shall mean those hazardous substances listed by the Environmental Protection Agency in regularly released reports and any other substances incorporated into the State's list of hazardous substances. A copy of the presently effective EPA and the State lists is on file in the City Clerk's Office as City Clerk Document 769704.

In the event of any releases of a hazardous substance as a result of Permittee's activities, Permittee shall be responsible for all costs of remediation and removal of such substances in accordance with all applicable rules and regulations of governmental authorities.

Permittee agrees to assume the defense of, indemnify and hold City harmless from any and all claims, costs and expenses related to environmental liabilities resulting from Permittee's operations on the Premises, including, but not limited to, costs of environmental assessments, costs of

remediation and removal, any necessary response costs, damage for injury to natural resources or the public, and costs of any health assessment or health effect studies.

If Permittee knows or has reasonable cause to believe that any hazardous substance has been released on or beneath the Premises, Permittee shall immediately notify the City's Airport Manager in writing.

10. OTHER REGULATIONS: Permittee's use of the Premises shall be in accordance with the laws of the United States of America, the State of California and the Rules and Regulations promulgated by their authority with reference to aviation and air navigation and in accordance with all applicable rules and regulations and ordinances of the City of San Diego now in force, or thereafter prescribed or promulgated by resolution or ordinance or by State or Federal law.
11. PERMITS AND LICENSES: Permittee shall obtain all permits and licenses required for the permitted use by local, state or Federal agencies at its expense.
12. MAINTENANCE: Permittee shall install and maintain its equipment and remove its equipment upon termination of this agreement at no expense to City. Permittee shall notify the Airport Manager prior to commencing installation of the new conduit and it shall notify the Airport Manager prior to entering the Premises each time to maintain its equipment.
13. OWNERSHIP OF IMPROVEMENTS: The improvements placed on the Premises by Permittee shall remain the property of Permittee at all times, unless otherwise agreed in writing by the City's Airport Manager and Permittee. Upon termination of this permit and 90 days' prior written notification from City, Permittee agrees to remove its equipment and restore the area to as good as its original condition at its sole expense, unless otherwise agreed to in writing by the City's Airport Manager.
14. ASSIGNMENT OR SUBLETTING: Permittee shall not assign its interest in this permit or sublet all or any portion of the Premises, except to Pacific Bell Telephone Company, without the prior written consent of the Airport's Deputy Director, which shall not be unreasonably withheld or delayed.

15. This Agreement supersedes the previous Agreement between Permittee and City dated March 10, 1993.

IN WITNESS WHEREOF, this Permit Agreement is executed by City acting by and through its City Manager and by Permittee, acting by and through its lawful, authorized designee.

THE CITY OF SAN DIEGO

Date: 4/13/93

By: [Signature]
Airports Deputy Director

PERMITTEE:

MCI TELECOMMUNICATIONS CORPORATION

Date: April 9, 1993

By: [Signature]
Vice President

ATTEST:

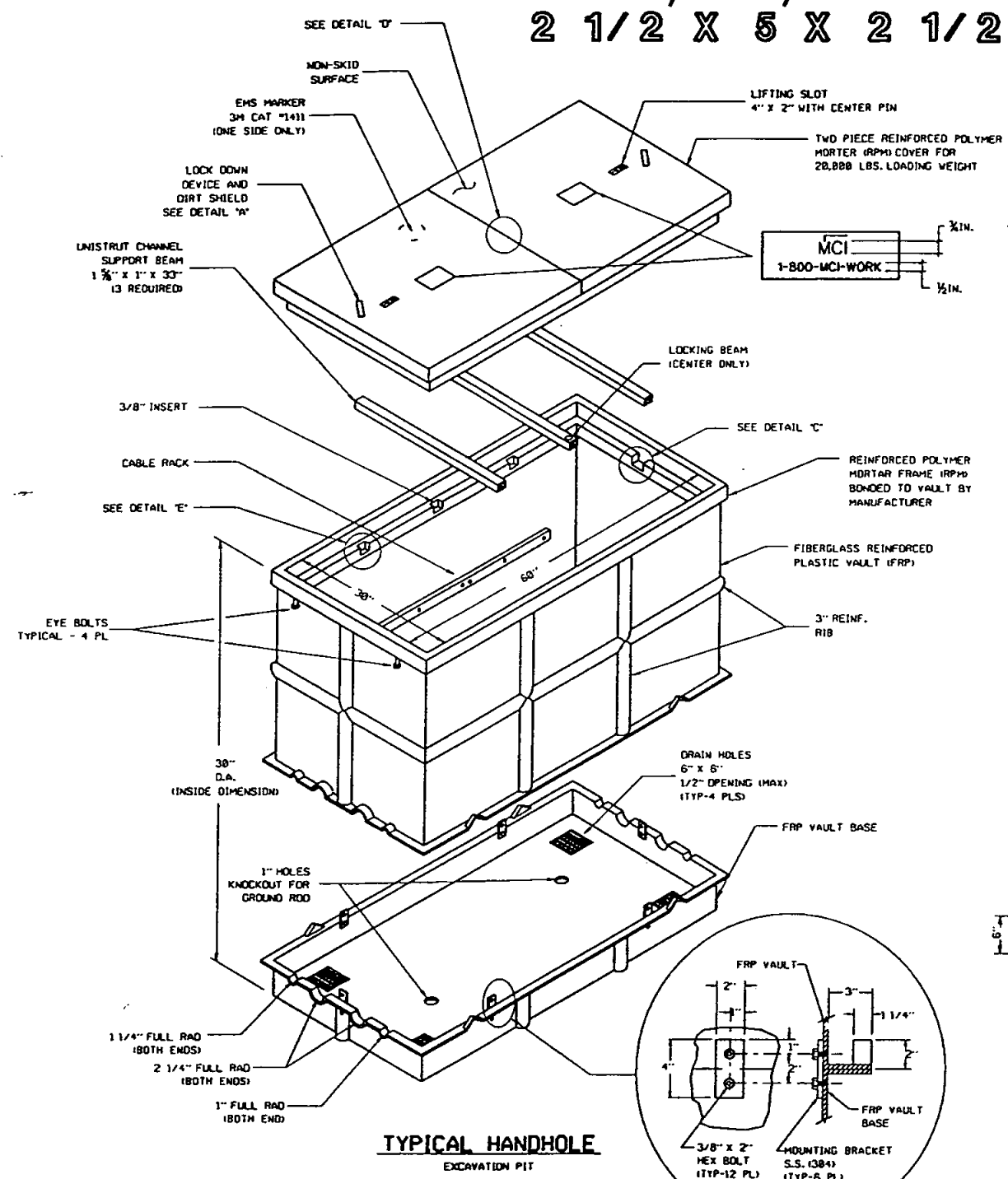
By: [Signature]
LYNN DARROW CARSON
ASSISTANT SECRETARY

APPROVED as to form and legality this 14 day of April, 1993.

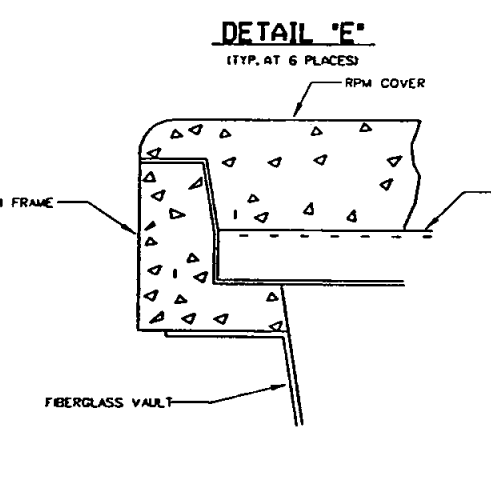
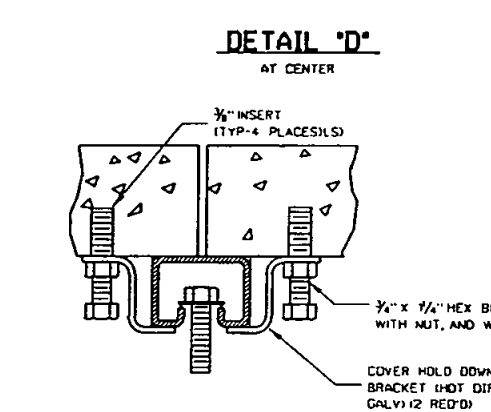
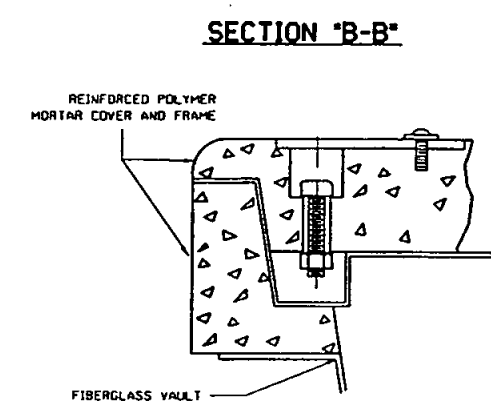
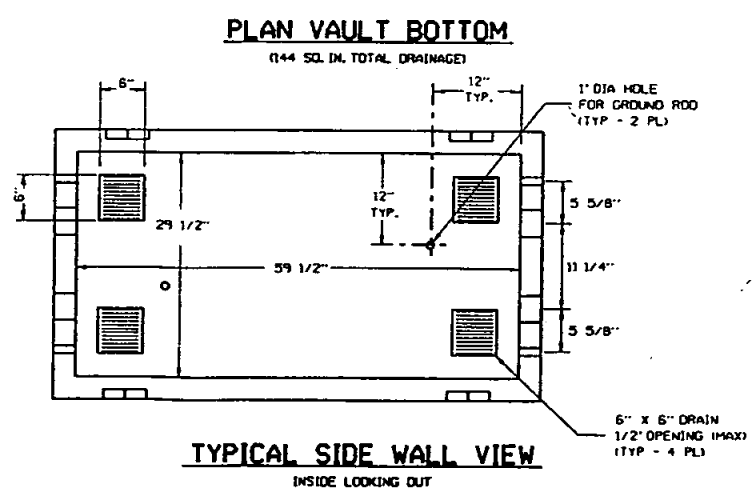
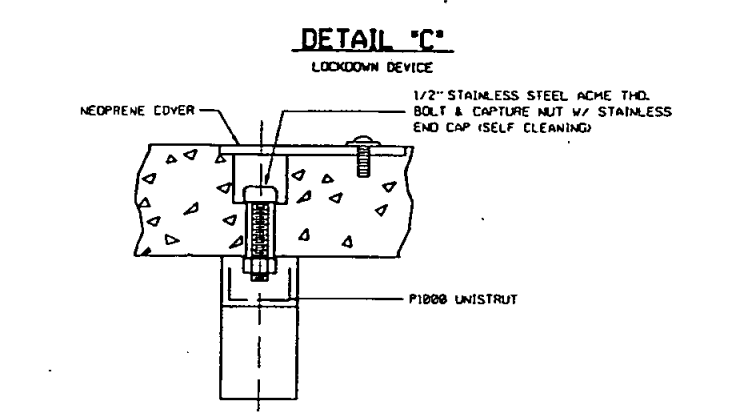
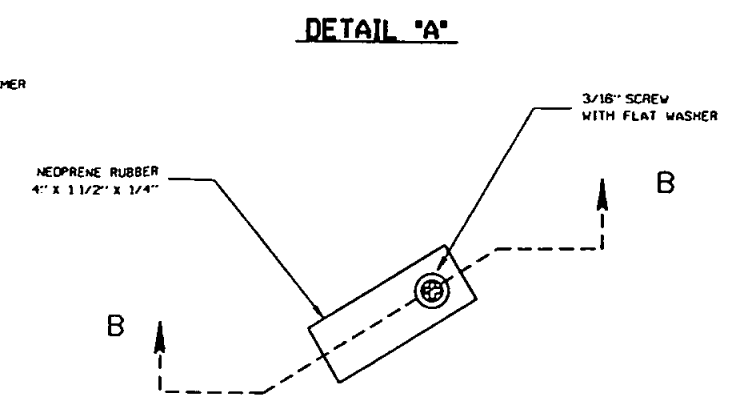
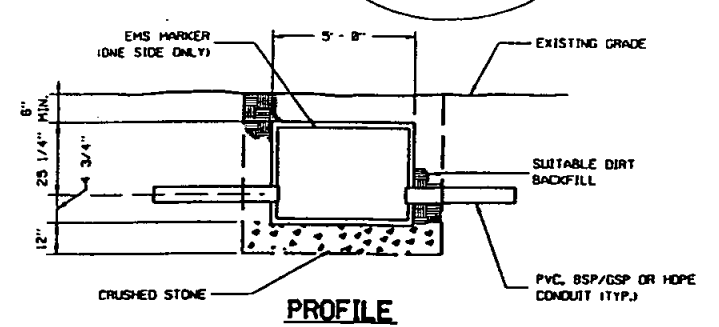
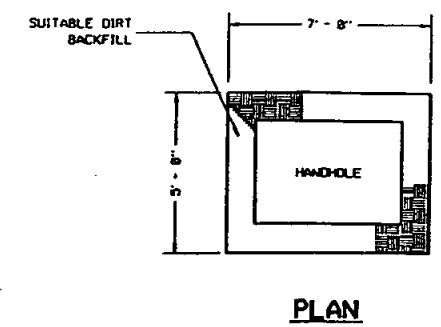
JOHN W. WITT, City Attorney

By: [Signature]
Deputy City Attorney

2 1/2' X 5' X 2 1/2' SPLIT HANDHOLE DETAIL



TYPICAL HANDHOLE EXCAVATION PIT



CONSTRUCTION NOTES:

- VOID IN EXCAVATED AREAS TO BE BACKFILLED WITH SELECT MATERIAL.
- BOTTOM OF EXCAVATED PIT TO BE BACKFILLED WITH 12" OF CRUSHED STONE (3/4" GRADE).
- SHORING WILL BE REQUIRED.
- ALL HANDHOLES SHALL BE PLACED BELOW EXISTING GRADE.
- THIS HANDHOLE IS OF FIBERGLASS MATERIAL. APPROXIMATELY POUNDS IN WEIGHT. THE LIDS ARE POLYMER CONCRETE MATERIAL. EACH APPROXIMATELY POUNDS.

PROJECT: 011588-08
SPAN: #6203 AFSS

MAP FOOTAGE
SURVEY LF
RAILROAD LF

MATERIAL LIST QUANTITY
CABLE
4" OIP
4" PVC
CORR. INOT.
4" SPLIT OIP
4" SPLIT PVC
24 3' X 5' X 4'
24 4' X 4' X 4'
BUR. CABLES
10M STRAND
10" STEEL CASING

MCI
TELECOMMUNICATIONS CORPORATION
LIGHTWAVE SYSTEMS
TITLE: FIBER OPTIC CABLE ROUTE
FAA LINKS MONTGOMERY FIELD

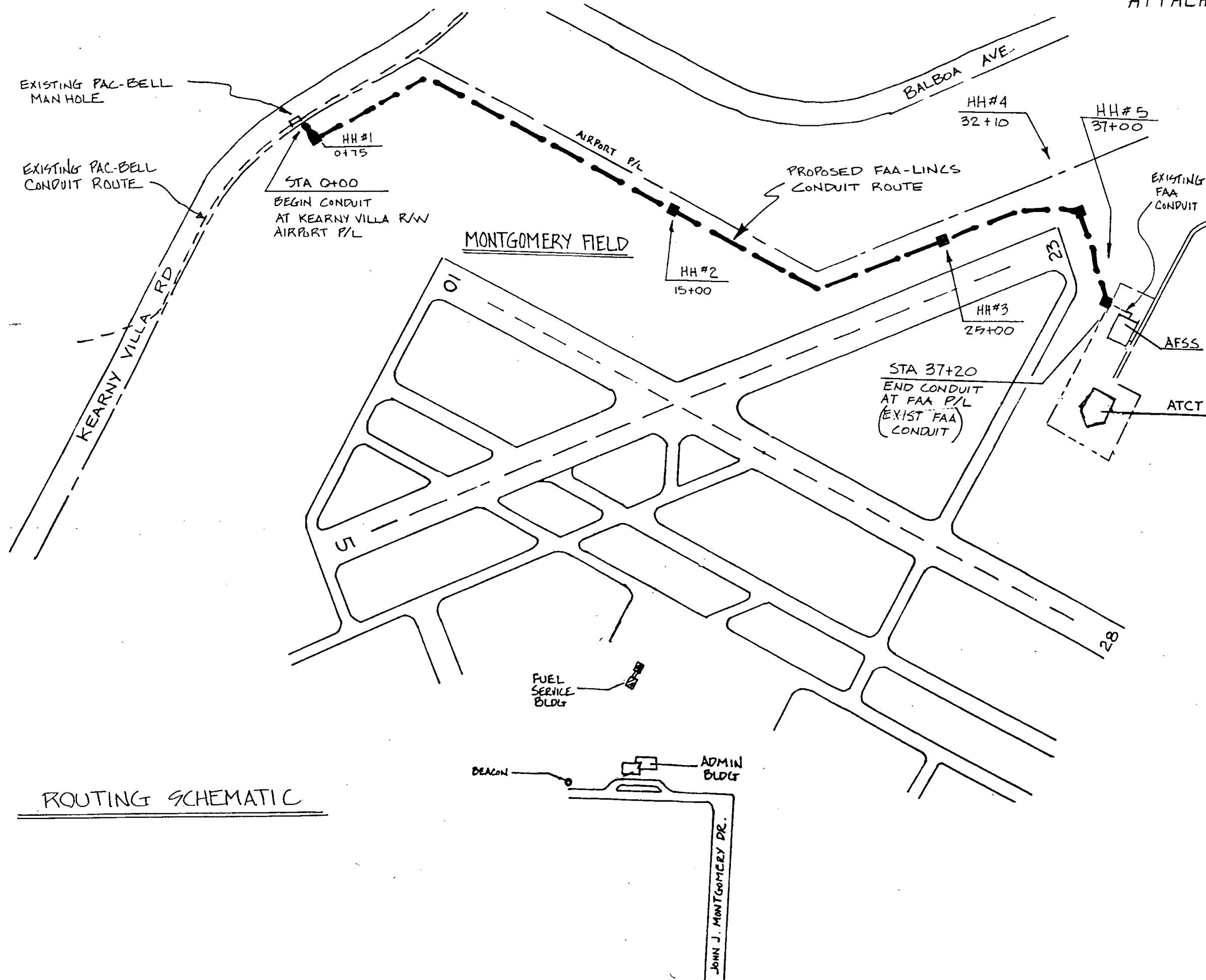
DATE: 03-26-93
ENGINEER: B. HATTEN
DRAWN BY:

REVISIONS
DATE DESCRIPTION INITIAL

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF MCI TELECOMMUNICATIONS CORPORATION. BOTH BEING ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.
TOLERANCES UNLESS OTHERWISE SPECIFIED:
DIM. - .02 FRACTIONS - 1/32"
ANGLES - 30'

SCALE
HORIZONTAL:
VERTICAL:

DEPT. D. 1024 LOC. D. 041
MP TO MP
SHEET 6 OF 12
DWG. NO.
SK1024739. DGN: 1



PROJECT: # 011588-2

SPAN: #G203 AFSS

TO

MAP FOOTAGE
SURVEY
RAILROAD

MATERIAL LIST

CABLE

4" GP

4" PVC

CORR. IND.

4" SPLIT GP

4" SPLIT PVC

HH 3' x 5' x 4'

MH 4' x 4' x 4'

BURL. CA. MKRS.

10M STRAND

10" STEEL CASING

MCI

TELECOMMUNICATIONS CORPORATION
LIGHTWAVE SYSTEMSTITLE: FIBER OPTIC CABLE ROUTE
FAA LINCS - MONTGOMERY FIELD

DATE 03-06-93

ENGINEER W. MILLER

REVISIONS

DATE DESCRIPTION INITIAL



PROJECT: #011588-08

SPAN: #6203 AFSS

TO

MAP FOOTAGE

SURVEY

RAILROAD

LF

MATERIAL LIST

QUANTITY

CABLE

4" OP

4" PVC

795'

CORR. IND.

4" SPLIT OP

4" SPLIT PVC

MH 3' x 5' x 4'

MH 4' x 4' x 4'

BUR. CA. MKRS.

4

10M STRAND

10" STEEL CASING

HH 2 1/2' x 5' x 2 1/2'

MKR TAPE

800'

FLAT MARKERS

4

MCI
TELECOMMUNICATIONS CORPORATION
LIGHTWAVE SYSTEMS
TITLE: FIBER OPTIC CABLE ROUTE
FAA LINGS - MONTGOMERY FIELD

DATE: 03-06-93

ENGINEER W. HATTEN

REVISIONS

DATE	DESCRIPTION	INITIAL

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF MCI TELECOMMUNICATIONS CORPORATION. BOTH REVISIONS AND ORIGINAL DRAWINGS SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.

TOLERANCES UNLESS OTHERWISE SPECIFIED:
DIMENSIONS - 1/8" FRACTIONS - 1/32"

NO SCALE

HORIZONTAL:

VERTICAL:

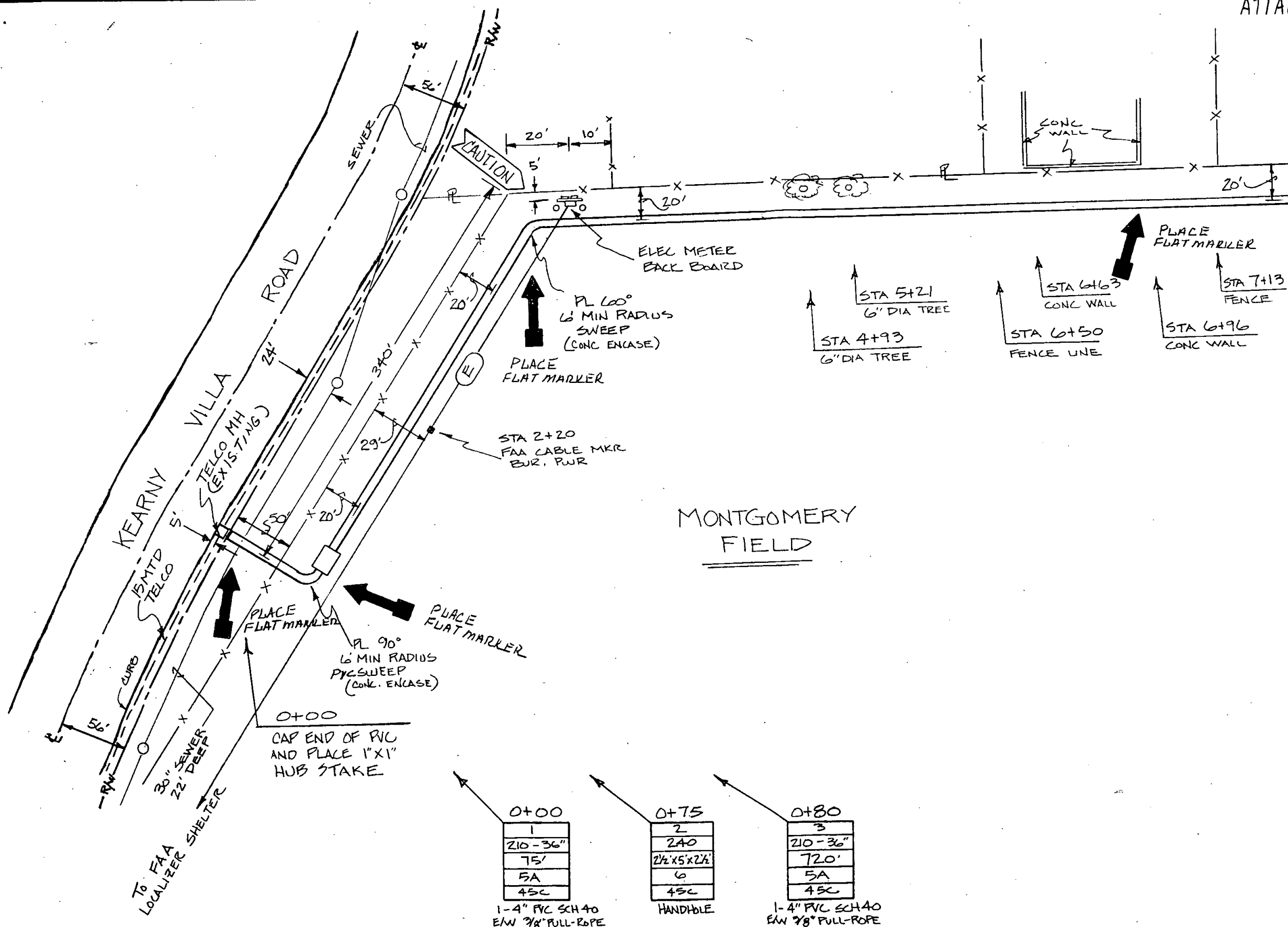
DEPT. ID. LOC. ID.

MP TO MP

SHEET 8 OF 12

DWG. NO.

STA 2+00 MATCH SHEET 9 OF 12

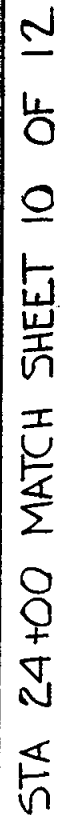


0+00
1
210-36"
75'
5A
45C
1-4" PVC SCH 40
EW 3/8" FULL-ROPE

0+75
2
240
2 1/2' x 5' x 2 1/2'
6
45C
HANDHOLE

0+80
3
210-36"
720'
5A
45C
1-4" PVC SCH 40
EW 3/8" FULL-ROPE

MONTGOMERY FIELD



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LF
LF

MCI
TELECOMMUNICATIONS CORPORATION
LIGHTWAVE SYSTEMS
TITLE: FIBER OPTIC CABLE ROUTE
FAA LINGS - MONTGOMERY FIELD

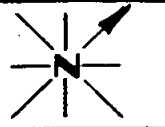
REVISIONS

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NO SCALE

DEPT. ID.	LOC. ID.
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SHEET 2 OF 12
DWG. NO.



PROJECT: #011588-28

SPAN: #16203 AFSS

TO

MAP FOOTAGE
SURVEY LF
RAILROAD LF

MATERIAL LIST	QUANTITY
CABLE	
4" GP	
4" PVC	1040'
CORR. IND.	
4" SPLIT GP	
4" SPLIT PVC	
NH 3" x 5' x 4'	
NH 4" x 4' x 4'	
BUR. CA. MKRS.	4
10M STRAND	
18" STEEL CASING	
HH 2 1/2" x 5' x 2 1/2"	2
MKR TAPE	1050'
FLAT MARKER	4

MCI

TELECOMMUNICATIONS CORPORATION

LIGHT WAVE SYSTEMS

TITLE: FIBER OPTIC CABLE ROUTE

FAA LINGS - MONTGOMERY FIELD

DATE: 03-06-93

ENGINEER W³ HATTEN

REVISIONS

DATE	DESCRIPTION	INITIAL

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TOLERANCES UNLESS OTHERWISE SPECIFIED
DIM. - 0.015" FRACTIONS - 1/32"

NO SCALE

HORIZONTAL:

VERTICAL:

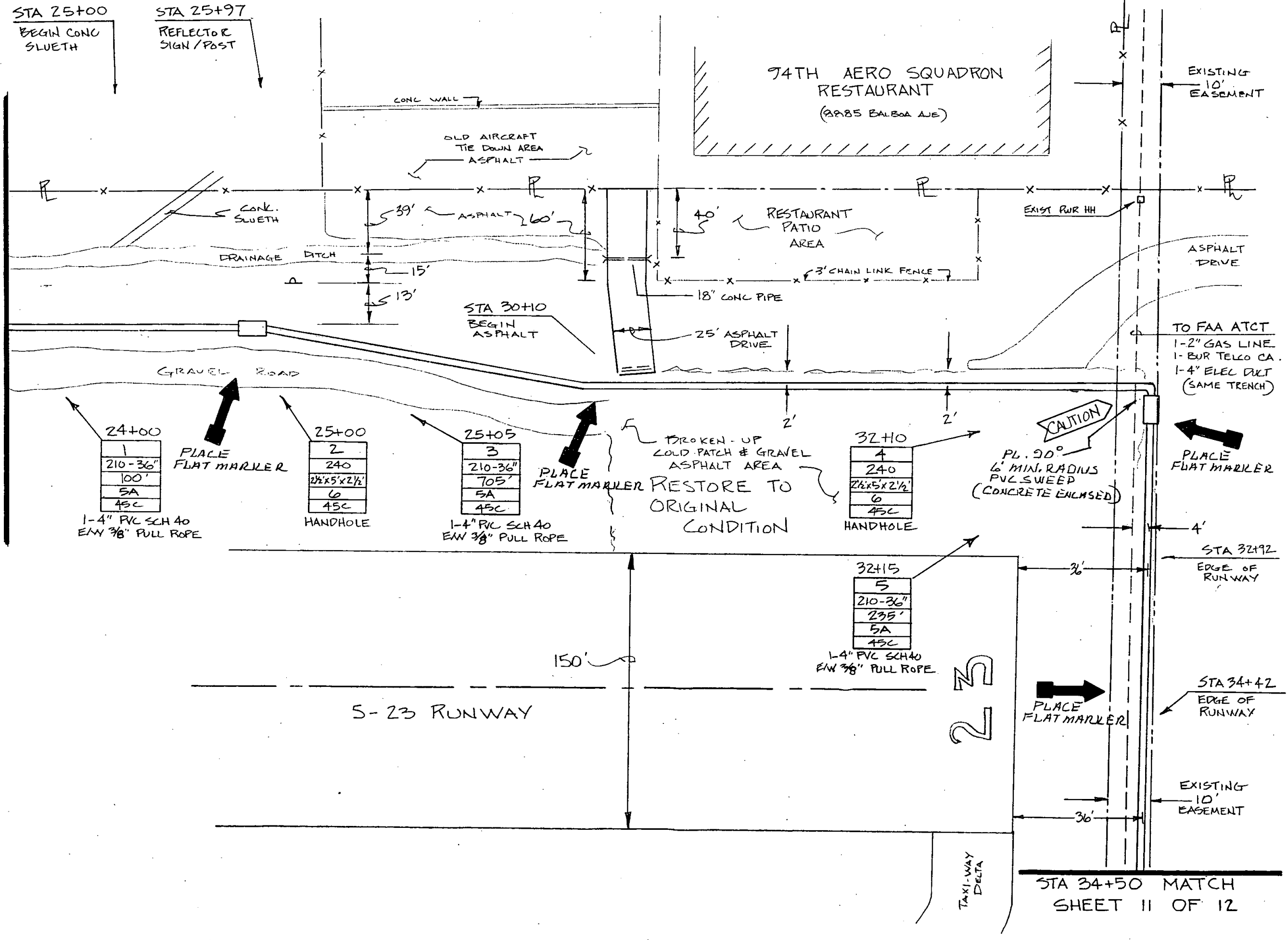
DEPT. ID. LOC. ID.

MP TO MP

SHEET 10 OF 12

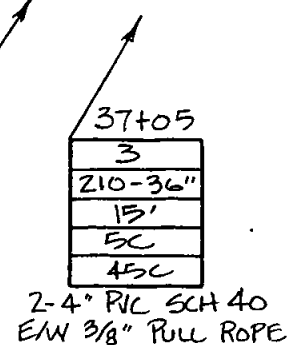
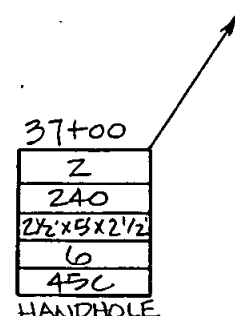
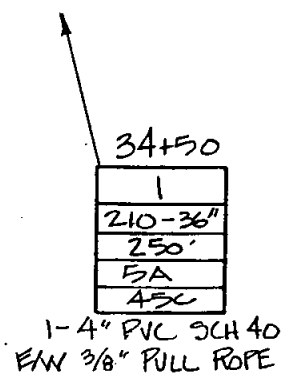
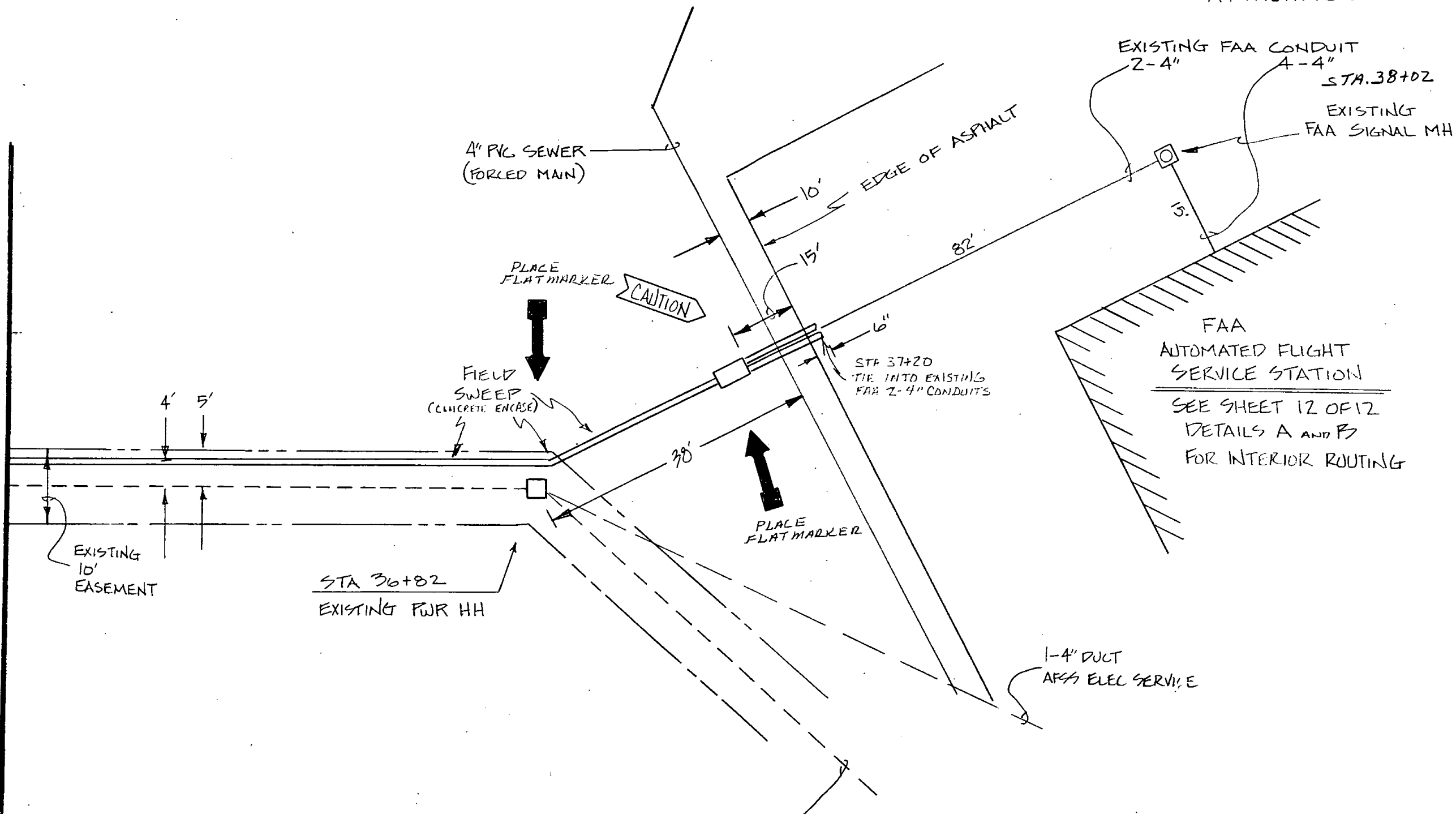
DWG. NO.

STA 24+00 MATCH SHEET 9 OF 12

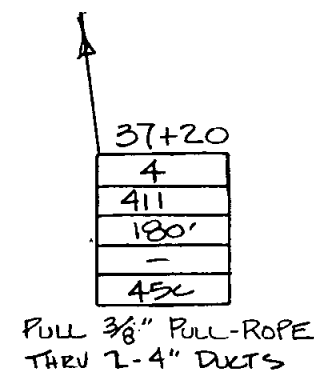


STA 34+50 MATCH SHEET 10 OF 12

ATTACHMENT "A"



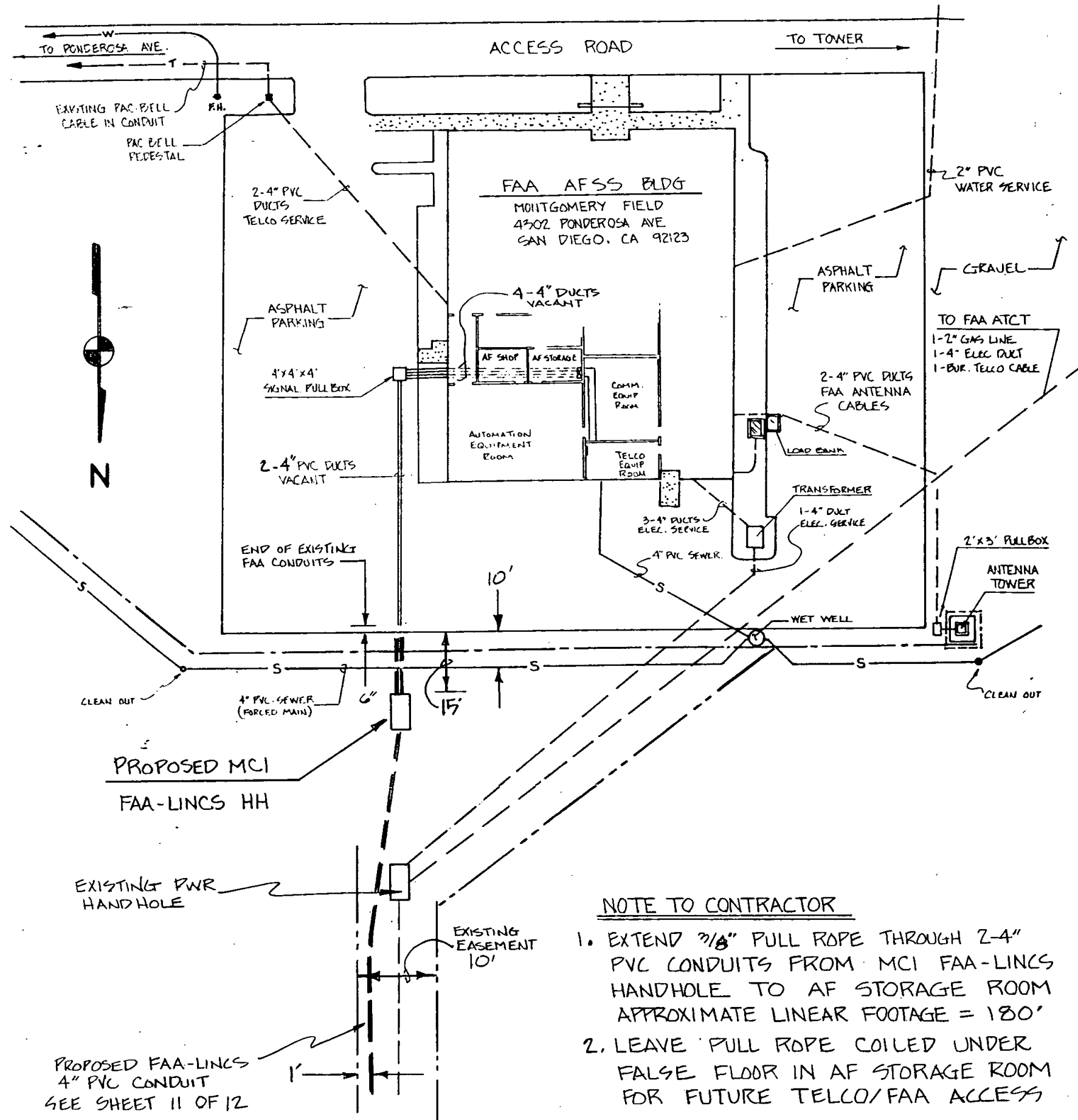
TO FAA TOWER
1-2" GAS LINE
1-BUR TELCO CA.
1-4" PWR CONDUIT
(SAME TRENCH)



		PROJECT: # 011588-08
SPAN: #6203 AFSS		
TO		
MAP FOOTAGE		
SURVEY	LF	
RAILROAD	LF	
MATERIAL LIST	QUANTITY	
CABLE		
4" OP		
4" PVC	280'	
CORR. IND.		
4" SPLIT OP		
4" SPLIT PVC		
MH 3' x 5' x 4'		
MH 4' x 4' x 4'		
BUR. CA. MKRS.	2	
100' STRAND		
10" STEEL CASING		
MH 2 1/2' x 5' x 2 1/2'	1	
MKE TAPE	270'	
FLAT MARKER	2	
SEE SHEET 12 OF 12 DETAILS A AND B FOR INTERIOR ROUTING		
MCI TELECOMMUNICATIONS CORPORATION LIGHTWAVE SYSTEMS TITLE: FIBER OPTIC CABLE ROUTE FAA LINGS - MONTGOMERY FIELD		
DATE: 03-06-93 ENGINEER: W.B. HATTEN		
REVISIONS		
DATE	DESCRIPTION	INITIAL
EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF MCI TELECOMMUNICATIONS CORPORATION. BOTH DRAWINGS AND SPECIFICATIONS SHALL BE KEPT IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.		
TOLERANCES UNLESS OTHERWISE SPECIFIED: DIMENSIONS - .005" ANGLES - .01°		
NO SCALE		
HORIZONTAL: _____		
VERTICAL: _____		
DEPT. ID.	LOC. ID.	
MP _____ TO MP _____		
SHEET 11 OF 12		
DWG. NO.		

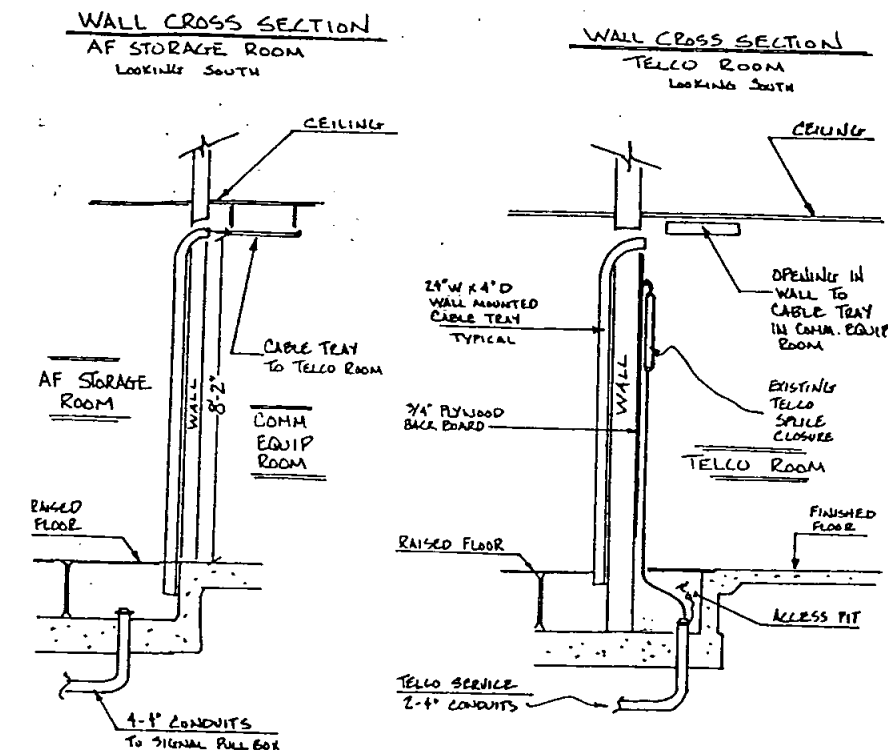
DETAIL "A"

NO SCALE



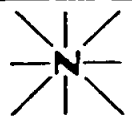
DETAIL "B"

NO SCALE



NOTE TO TELCO

1. PULL CABLE FROM AF STORAGE ROOM THRU WALL MOUNTED CABLE TRAY INTO COMMUNICATION EQUIPMENT ROOM APPROX. 10'
2. LAY CABLE ON CEILING MOUNTED CABLE TRAY THRU COMMUNICATION EQUIPMENT ROOM TO TELCO ROOM APPROX. 20'
3. TAG CABLE EVERY 10'



PROJECT: #011588-08

SPAN: #6203 AFSS

TO

MAP FOOTAGE

SURVEY LF

RAILROAD LF

MATERIAL LIST QUANTITY

CABLE

4" GP

4" PVC

CORR. IND.

4" SPLIT GP

4" SPLIT PVC

HH 3' x 8' x 4'

HH 4' x 8' x 4'

BLR. CA. MKRS.

100' STRAND

10" STEEL CASING

HH 2 1/2' x 5' x 2 1/2'

MCI

TELECOMMUNICATIONS CORPORATION

LIGHTWAVE SYSTEMS

TITLE: FIBER OPTIC CABLE ROUTE

FAA LINCS- MONTGOMERY FIELD

DATE: 03-06-93

ENGINEER: W. HATTEN

REVISIONS

DATE	DESCRIPTION	INITIAL

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TOLERANCES UNLESS OTHERWISE SPECIFIED:
 30" ± .01
 1/8" ± .005
 1/16" ± .001

SCALE

HORIZONTAL: _____

VERTICAL: _____

DEPT. ID. _____

LOC. ID. _____

MP _____ TO MP _____

SHEET 12 OF 12

DWG. NO. _____

GENERAL NOTES/CLARIFICATION NOTES

GENERAL NOTES

1. ALL WORK TO BE PERFORMED IN STRICT ACCORDANCE WITH THE APPLICABLE CODES OR REQUIREMENTS OF ANY REGULATING GOVERNMENTAL AGENCY, MCI TELECOMMUNICATIONS CORPORATION, AND THE RIGHT-OF-WAY GRANTOR.
2. LOCATIONS OF SOME OF THE PHYSICAL FEATURES WERE OBTAINED FROM DATED RAILROAD EVALUATION MAPS OR OTHER DRAWINGS AND MAY NOT BE AS SHOWN OR DEPICTED ON THESE DRAWINGS.
3. UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. THEREFORE, UTILITY LOCATIONS WILL BE VERIFIED AT LEAST 100 FEET IN ADVANCE OF TRENCHING OR PLOWING, SO THAT CHANGES IN CABLE PLACEMENT CAN BE MADE IN THE EVENT OF CONFLICT.
4. ALL KNOWN BURIED OBSTRUCTIONS ARE SHOWN ON THE CONSTRUCTION DRAWINGS. ANY AND ALL OTHERS ENCOUNTERED ARE ALSO THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE, PROTECT AND REPAIR, IF DAMAGED.
5. ANY AND ALL IMPROVEMENTS, SUCH AS ASPHALT OR CONCRETE PAVEMENT, CURBS, GUTTERS, WALKS, DRAINAGE DITCHES, EMBANKMENTS, SHRUBS, TREES, GRASS SOD, ETC., IF DAMAGED, SHALL BE RESTORED TO ORIGINAL CONDITION.
6. EQUIPMENT TYPES SPECIFIED HEREIN (IE: "BACKHOE", "SWAMP PLOW", ETC.) ARE SUGGESTIONS ONLY AND ARE NOT INTENDED AS REQUIREMENTS. CONTRACTOR WILL BE NOTIFIED AS TO EXPECTATIONS.
7. SHORING OF BORE PITS AND TRENCHES IN ACCORDANCE WITH OSHA REGULATIONS IS MANDATORY.
8. BURIED CABLE MARKERS WILL BE PLACED AT ALL UNDERGROUND UTILITY LOCATIONS AND ALL OTHER LOCATIONS IN ACCORDANCE WITH THE CONSTRUCTION DRAWINGS AND THE CONSTRUCTION HANDBOOK.
9. ALL 4" ID CONDUIT WILL BE SCHEDULE 40 (EG.: PVC OR GSP/BSP), OR AS SPECIFIED.
10. UNDERGROUND CONDUIT WILL BE PLACED AT 42" MINIMUM COVER UNLESS OTHERWISE SPECIFIED ON THE CONSTRUCTION DRAWINGS.

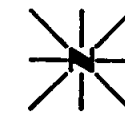
CLARIFICATION NOTES

- | | |
|----|---|
| 1. | 1. STATION |
| 2. | 2. LOCATION ID |
| 3. | 3. CLARIFICATION NO., MINIMUM COVER |
| 4. | 4. QUANTITY, SIZE OF HANDHOLE, SIZE OF MANHOLE, DIMENSION OF WALL, LINEAR FOOTAGE/SQUARE FOOTAGE, SIZE OF PULL/SPLICE BOX, HEIGHT/CLASS/TYPE OF POLE. |
| 5. | 5. TYPICAL DRAWING NO. AND TYPICAL DETAIL DWG. NO. |
| 6. | 6. PLANT ACCOUNTING CODE |
| 7. | 7. SPECIFIED CONDUIT, HANDHOLE NO., MANHOLE NO., SPECIFIED PURPOSE AND MATERIAL, BRIDGE NO., AND RR STATION, MATERIAL, POLE NO. |

NOTE:

CALL-OUTS PERTAINING TO CABLE PLACEMENT AND BURIED CABLE MARKERS WILL BE PLACED ON CABLE SIDE OF TRACK, STREET, PIPELINE, ETC. WHENEVER POSSIBLE. ANY OTHER CALL-OUTS NOT PERTAINING TO CABLE PLACEMENT (IE. STATIONS OF POLES, RAILROAD EQUIPMENT, BRIDGES, ETC.) WILL BE PLACED ON OPPOSITE SIDE OF TRACK, STREET, PIPELINE, ETC. FROM CABLE.

- 110 JACK & DRY BORE SPECIFIED SIZE/TYPE/NUMBER OF CONDUIT(S)/CASING WITH A SPECIFIED MINIMUM COVER.
- 210 PLACE SPECIFIED SIZE/TYPE/NUMBER OF CONDUIT(S) WITH A SPECIFIED MINIMUM COVER.
- 212 PLACE HIGH DENSITY POLYETHYLENE PIPE (HDPE).
- 240 PLACE HANDHOLE.
- 250 PLACE MANHOLE.
- 260 CONSTRUCT WALL FOR SPECIFIED PURPOSE OF SPECIFIED MATERIAL(S) AND DIMENSIONS.
- 270 REMOVE AND RESTORE ASPHALT.
- 280 REMOVE AND RESTORE CONCRETE.
- 310 ATTACH SPECIFIED SIZE/TYPE/NUMBER OF CONDUIT(S) TO WALL OR STRUCTURE.
- 320 CURE BORE.
- 330 ATTACH PULL/SPLICE BOX TO WALL OR STRUCTURE.
- 410 PULL CABLE THRU DUCT.
- 411 PULL SPECIFIED SIZE/TYPE/NUMBER OF INNERDUCT(S) WITHIN EXISTING DUCT.
- 520 PLACE AERIAL CABLE.
- 530 PLACE POLE/PUSH BRACE.
- 610 JETTING SPECIFIED SIZE/TYPE/NUMBER OF CONDUIT(S) WITH A SPECIFIED MINIMUM COVER.
- 612 PLACE SPECIFIED SIZE/TYPE/NUMBER OF DUCT(S) VIA TRENCHLESS TECHNOLOGY
- 620 EMBEDMENT PLOW.
- 630 DIRECTIONAL BORE.
- 710 PLACE BURIED CABLE WARNING SIGN.



PROJECT: 011588-08

SPAN: #6203 AFSS

MAP FOOTAGE
SURVEY LF
RAILROAD LF

MATERIAL LIST QUANTITY

CABLE	
4" DIP	
4" PVC	
CORR. (NOT)	
4" SPLIT DIP	
4" SPLIT PVC	
PM 3" X 5" X 4"	
PM 4" X 4" X 4"	
BUR. CABLES	
10M STRAND	
10" STEEL CASING	

MCI
TELECOMMUNICATIONS CORPORATION
LIGHTWAVE SYSTEMS
TITLE: FIBER OPTIC CABLE ROUTE
FAA LINES MONTGOMERY FIELD

DATE: 03-06-93

ENGINEER: B. HATTEN

DRAWN BY:

REVISIONS

DATE	DESCRIPTION	INITIAL

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF MCI TELECOMMUNICATIONS CORPORATION, BOTH BEING ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.

TOLERANCES UNLESS OTHERWISE SPECIFIED:
DIM. - .02 FRACTIONS - .010
ANGLES - 30° FRACTIONS - .030°

SCALE

HORIZONTAL:
VERTICAL:

DEPT. 10.1824 LOC. 10.041

MP TO MP

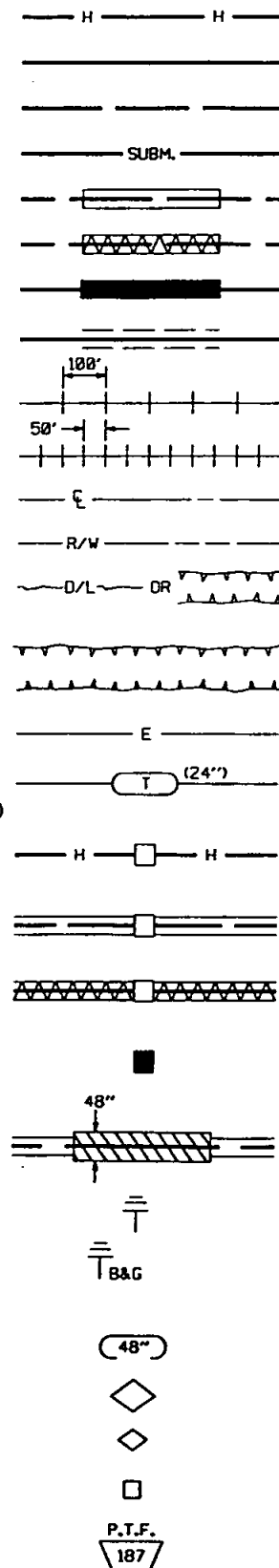
SHEET 3 OF 12

DWG. NO.

SK1024741.DGN; 2

SYMBOLS KEY

DIRECT BURIED HDPE
AERIAL CABLE
BURIED CABLE
SUBMARINE CABLE
PVC OR SPLIT PVC CONDUIT
BSP/GSP OR SPLIT BSP/GSP CONDUIT
JACK AND BORE
CORE BORE
MAIN TRACKS
AUXILIARY TRACKS
CENTERLINE
RIGHT-OF-WAY
DITCH LINE
TOP OF SLOPE
TOE OF SLOPE
AERIAL UTILITY (ELECTRIC)
UNDERGROUND UTILITY (TELEPHONE)
(PARENTHESIS INDICATES COVER DEPTH INCHES)
HANDHOLE (CABLE IN HDPE)
HANDHOLE (CABLE IN PVC CONDUIT)
HANDHOLE (CABLE IN BSP/GSP CONDUIT)
PULL BOX
REMOVE AND RESTORE ASPHALT OR CONCRETE
(WIDTH AS INDICATED)
GROUND
BOND AND GROUND
COVER (DEPTH AS INDICATED)
GAS TANKS
GAS VALVES
RAILROAD SWITCH OR
SIGNAL CONTROL BOX
PERMIT TRACKING FORM IDENTIFIER



CAUTION NOTE
MILE POST MARKER
NOTE: DASHED=NOT FOUND IN FIELD

PROBE (DEPTH AS INDICATED)

STEEL MARKER AND SIGN-(A)
ALUMINUM "HUB"-STYLE MARKER-(B)
FLAT COMPOSITE MARKER-(C)
TUBULAR MARKER-(D)

CULVERT (SIZE AS INDICATED)

PROPOSED POLE

EXISTING POLE

BRIDGE

SWING OR DRAW BRIDGE

CITY, COUNTY OR STATE BOUNDARY LINE

TAX DISTRICT BOUNDARY

FUTURE CABLE

FENCE LINE

TO BE REMOVED OR ABANDONED

ANCHOR ONLY (EXISTING)

GUY ONLY (EXISTING)

EXISTING ANCHOR AND GUY

PROPOSED ANCHOR AND GUY

EDGE OF PAVEMENT/OR EDGE OF CONCRETE

SIDEWALK ANCHOR AND GUY

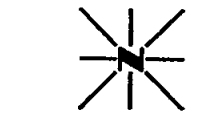
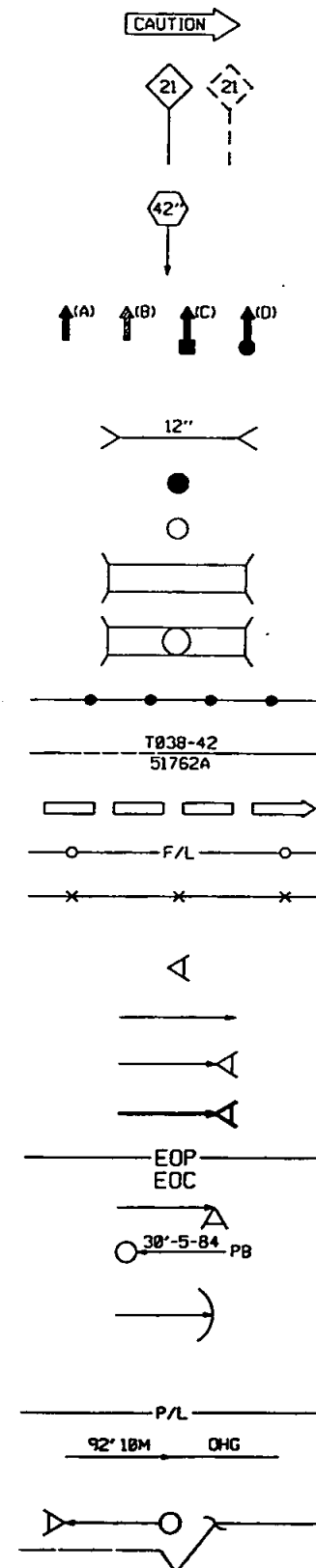
PUSH BRACE

ANCHOR AND GUY WHOLLY OWNED BY
ANOTHER COMPANY

PROPERTY LINE

OVERHEAD GUY (ARROW IN DIRECTION OF PULL)

ACCOUNT CODE CHANGE (BURIED AERIAL)



PROJECT: 011588-08

SPAN: #6203 AFSS

MAP FOOTAGE
SURVEY
RAILROAD

MATERIAL LIST QUANTITY

CABLE	
4" OIP	
4" PVC	
CORR. INOT.	
4" SPLIT OIP	
4" SPLIT PVC	
4" 3" X 5" X 4"	
4" 4" X 4" X 4"	
4" 4" X 4" X 4"	
10M STRAND	
10" STEEL CASING	

MCI
TELECOMMUNICATIONS CORPORATION
LIGHTWAVE SYSTEMS
TITLE: FIBER OPTIC CABLE ROUTE
MONTGOMERY
FAA-UNCS
FIELD

DATE: 03-04-93

ENGINEER: B. HATTEN

DRAWN BY:

REVISIONS

DATE	DESCRIPTION	INITIAL

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TOLERANCES UNLESS OTHERWISE SPECIFIED:
DIM. - .02 FRACTIONS - .032

SCALE

HORIZONTAL:

VERTICAL:

DEPT. 01024 LOC. 041

MP TO MP

SHEET 4 OF 12

DWG. NO.

SK1024718. DGN: 1

MCI

TELECOMMUNICATIONS CORPORATION

LIGHTWAVE SYSTEMS
FIBER OPTIC CABLE ROUTE

PROJECT No. 011588-08
FAA-LINCS
Los Angeles Airspace
#6203 AFSS - MONTGOMERY FIELD,
SAN DIEGO, CALIFORNIA

CONTACT SHEET

MCI

OUTSIDE PLANT ENGINEERING:

PROJECT ENGINEER WILLIAM J. HATTEN (214)918-3042
SUPERVISOR ROBERT L. SMITH (214)918-3316
MANAGER

OUTSIDE PLANT CONSTRUCTION:

PROJECT SUPERVISOR LENNY ALLEN (PIN# 5348108) ^{PAGER 1-800-759-7243}
FIELD CONSTRUCTION SUPERINTENDENT DENNIS CLARK (214)918-3311
MANAGER

RIGHT-OF-WAY:

AGENT
MANAGER

CONTRACTS:

COORDINATOR
MANAGER

OTHERS:

PROGRAM MANAGER HOWARD CHASE (214)918-4640
LIGHTWAVE ENGINEER
CIVIL ENGINEER
TERMINAL CONST. REP.
SPlicing MANAGER
TSO MANAGER

ENGINEERING CONTRACTOR

NAME OF FIRM
PROJECT MANAGER
ENGINEER PROJECT SUPERVISOR

CONSTRUCTION CONTRACTOR

NAME OF FIRM
PROJECT COORDINATOR
PROJECT SUPERINTENDENT

RAILROADS

UTILITIES

MCI UTILITY LOCATE 1-800-MCI-WORK (1-800-624-9675)

ONE CALL SYSTEM (UTILITY LOCATES) USA (UNDERGROUND SERVICE ALERT)
1-800-422-4133

MEMBERS:

PAC-BELL (TELEPHONE)
SDG & E (GAS & ELECTRIC)
CITY WATER & SEWER

NON-MEMBERS:

* LOCAL FAA CABLES @ AIRPORT

CITY GOVERNMENT

AIRPORT OPERATIONS MGR - TOM RAINES - (619)573-1440
CITY REAL ESTATE AGENT - DIANNA DRAKE - (619)573-1425

COUNTY GOVERNMENT

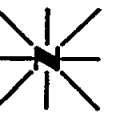
STATE GOVERNMENT

FEDERAL GOVERNMENT

FAA NAV COMM SUPR. - TOM HUBER - (619) 492-9870

OTHER

PAC-BELL PLANNER - BOB BOYCE - (619) 586-3824
PAC-BELL DESIGN ENG - GENE COURTNEY - (619) 586-3842



PROJECT: 011588-08

SPAN: #6203 AFSS

MAP FOOTAGE
SURVEY LF
RAILROAD LF

MATERIAL LIST QUANTITY

CABLE	
4" OIP	
4" PVC	
CORR. INDT.	
4" SPLIT OIP	
4" SPLIT PVC	
4" 2' X 3' X 4'	
4" 4' X 4' X 4'	
BUR. CA. MGRS.	
10M STRAND	
10" STEEL CASING	

MCI
TELECOMMUNICATIONS CORPORATION
LIGHTWAVE SYSTEMS
TITLE: FIBER OPTIC CABLE ROUTE
FAA LINGS
MONTGOMERY FIELD

DATE: 03-6-93

ENGINEER B. HATTEN

DRAWN BY:

REVISIONS

DATE	DESCRIPTION	INITIAL

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TOLERANCES UNLESS OTHERWISE SPECIFIED:
DIM. - .02 DIM. - .010
ANGLES - 30' FRACTIONS - 1/32"

SCALE

HORIZONTAL:

VERTICAL:

DEPT. ID. 1024 LOC. ID. 841

MP TO MP

SHEET 2 OF 12

DWG. NO.

SK1 024741 . DGN: 1