

Video → Inspection Specialists

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C.C.T.V. INSPECTION OF
IRRIGATION LINE IN MANTECA

DVD #2
2/25/13

CITY OF MANTECA
WASTEWATER QUALITY CONTROL FACILITY

Complete Pipeline Services



TELEVISION INSPECTION LOCATION SHEET

VIDEO INSPECTION SPECIALISTS, INC.
 4705 WEST SANTA ANA
 FRESNO, CALIFORNIA 93722
 (559) 276-0186

DATE: 2/25/13

SHEET #: 15

PROJECT : C.C.T.V. INSPECTION OF IRRIGATION LINE IN MANTECA

CLIENT: CITY OF MANTECA WASTEWATER QUALITY CONTROL FACILITY

LOCATION OF LINE: HEADING EAST ALONG THE NORTH SIDE OF BASEBALL FIELD

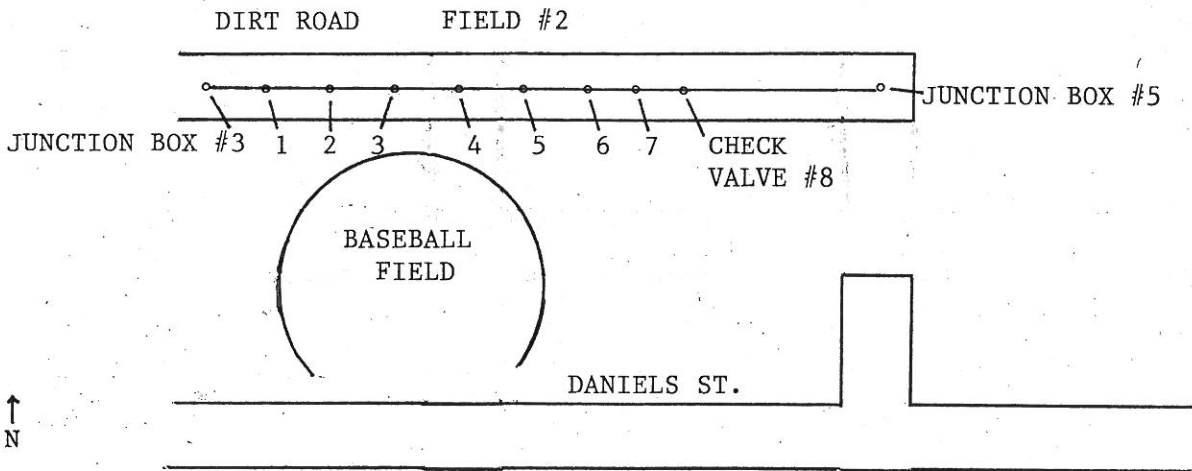
TYPE OF LINE: CIPCP INSPECTOR: MARK

PIPE SIZE: 36 INCHES PIPE LENGTH: 771 FEET

DIRECTION OF FLOW: FROM MANHOLE #: JUNCTION BOX #5 TO MANHOLE #: JUNCTION BOX #3

DIRECTION OF MEASUREMENT: FROM MANHOLE #: JUNCTION BOX #3 TO MANHOLE #: JUNCTION BOX #5

VIDEO REF: DVD # 2 FROM FRAME: 00:00 TO FRAME: 30:08



NOTES: TELEVISIONING AGAINST THE DIRECTION OF FLOW

FOOTAGE	FRAME	OBSERVATION
5	00:00	START RUN AT JUNCTION BOX #3
31	02:15	PIPE BENDS TO THE LEFT
45	02:45	RADIAL CRACK IN THE PIPE
58 - 77	03:50	LONGITUDINAL CRACKS IN THE PIPE

TELEVISION INSPECTION LOG SHEET

VIDEO INSPECTION SPECIALISTS, INC.

SHEET #: 16

<u>FOOTAGE</u>	<u>FRAME</u>	<u>OBSERVATION</u>
77	05:30	CHECK VALVE #1
78 - 187	05:50	LONGITUDINAL CRACK IN THE PIPE
188	09:30	CHECK VALVE #2
250	11:05	RADIAL CRACK IN THE PIPE
263 - 273	11:55	LONGITUDINAL CRACK IN THE PIPE
275	12:35	CHECK VALVE #3
282	13:05	DEBRIS IN THE LINE
291	14:00	STANDPIPE
291	14:00	RADIAL CRACK IN THE PIPE
362	16:05	RADIAL CRACK IN THE PIPE
377	17:05	CHECK VALVE #4
472	19:10	CHECK VALVE #5
493	19:55	RADIAL CRACK IN THE PIPE
560	22:05	CHECK VALVE #6
635 - 648	24:20	LONGITUDINAL CRACK IN THE PIPE
661	25:15	CHECK VALVE #7
661	25:20	START SAG
764	29:05	STANDPIPE
771	30:08	CHECK VALVE #8

CONTINUED ON SHEET #:

TELEVISION INSPECTION LOCATION SHEET

VIDEO INSPECTION SPECIALISTS, INC.
 4705 WEST SANTA ANA
 FRESNO, CALIFORNIA 93722
 (559) 276-0186

DATE: 2/26/13

SHEET #: 17

PROJECT : C.C.T.V. INSPECTION OF IRRIGATION LINE IN MANTECA

CLIENT: CITY OF MANTECA WASTEWATER QUALITY CONTROL FACILITY

LOCATION OF LINE: HEADING EAST BETWEEN FIELD #3 & FIELD #4

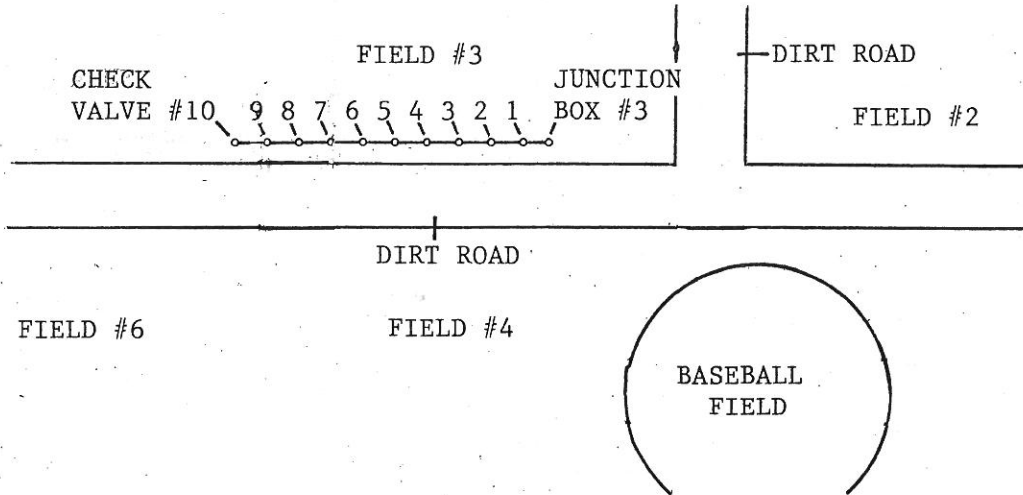
TYPE OF LINE: CIPCP INSPECTOR: MARK

PIPE SIZE: 36 INCHES PIPE LENGTH: 486 FEET

DIRECTION OF FLOW: FROM MANHOLE #: JUNCTION BOX #3 TO MANHOLE #: CHECK VALVE #10

DIRECTION OF MEASUREMENT: FROM MANHOLE #: CHECK VALVE #10 TO MANHOLE #: JUNCTION BOX #3

VIDEO REF: DVD # 2 FROM FRAME: 00:00 TO FRAME: 21:52



NOTES: TELEVISIONING AGAINST THE DIRECTION OF FLOW

<u>FOOTAGE</u>	<u>FRAME</u>	<u>OBSERVATION</u>
4	00:00	START RUN AT CHECK VALVE #10
26	01:20	RADIAL CRACK IN THE PIPE
47	02:35	CHECK VALVE #9
93	04:10	CHECK VALVE #8

TELEVISION INSPECTION LOG SHEET

VIDEO INSPECTION SPECIALISTS, INC.

SHEET #: 18

<u>FOOTAGE</u>	<u>FRAME</u>	<u>OBSERVATION</u>
95 - 132	04:30	HAIRLINE LONGITUDINAL CRACK IN THE PIPE
138	06:35	CHECK VALVE #7
183	06:40	CHECK VALVE #6
206	08:40	RADIAL CRACK IN THE PIPE - LIGHT ROOTS
226	10:00	CHECK VALVE #5
274	11:05	CHECK VALVE #4
315	12:05	CHECK VALVE #3
320	12:45	ROOTS IN PIPE - LIGHT
340	13:40	RADIAL CRACK IN THE PIPE
361	14:40	PATCH
406	15:50	CHECK VALVE #2
448	17:00	DEBRIS IN THE LINE
455	17:25	CHECK VALVE #1
458	17:40	DEBRIS IN THE LINE
475 - 486	18:00	DEBRIS IN THE LINE
486	21:52	END RUN - TRACTOR CANNOT GET PAST THE DEBRIS IN THE LINE

CONTINUED ON SHEET #:

TELEVISION INSPECTION LOCATION SHEET

VIDEO INSPECTION SPECIALISTS, INC.
 4705 WEST SANTA ANA
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 (559) 276-0186

DATE: 2/26/13

SHEET #: 19

PROJECT : C.C.T.V. INSPECTION OF IRRIGATION LINE IN MANTECA

CLIENT: CITY OF MANTECA WASTEWATER QUALITY CONTROL FACILITY

LOCATION OF LINE: HEADING WEST BETWEEN FIELD #3 & FIELD #4

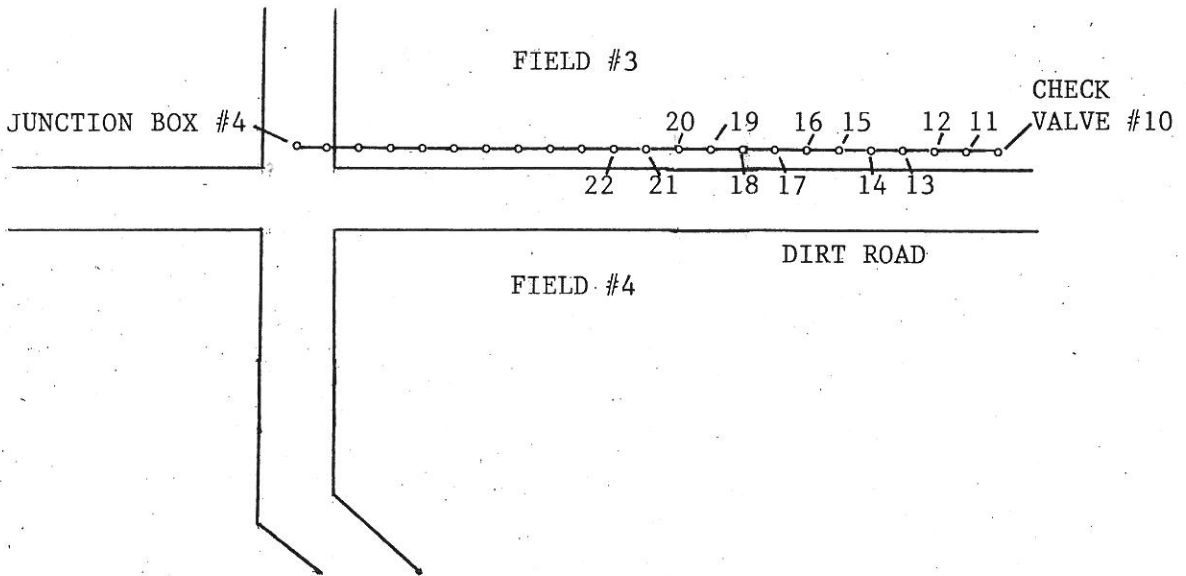
TYPE OF LINE: CIPCP INSPECTOR: MARK

PIPE SIZE: 36 INCHES PIPE LENGTH: 581 FEET

DIRECTION OF FLOW: FROM MANHOLE #: CHECK VALVE #10 TO MANHOLE #: JUNCTION BOX #4

DIRECTION OF MEASUREMENT: FROM MANHOLE #: CHECK VALVE #10 TO MANHOLE #: JUNCTION BOX #4

VIDEO REF: DVD # 2 FROM FRAME: 00:00 TO FRAME: 21:20



NOTES: _____

FOOTAGE	FRAME	OBSERVATION
4	00:00	START RUN AT CATCH VALVE #10
26	01:05	RADIAL CRACK IN THE PIPE
40	01:55	STANDPIPE
43	02:20	CATCH VALVE #11

TELEVISION INSPECTION LOG SHEET

VIDEO INSPECTION SPECIALISTS, INC.

SHEET #: 20

<u>FOOTAGE</u>	<u>FRAME</u>	<u>OBSERVATION</u>
82	03:20	CHECK VALVE #12
99	04:05	RADIAL CRACK IN THE PIPE
134	05:00	CHECK VALVE #13
169	06:00	RADIAL CRACK IN THE PIPE
169	06:05	HAIRLINE LONGITUDINAL CRACK IN THE PIPE
173	06:50	CHECK VALVE #14
177 - 202	07:15	HAIRLINE LONGITUDINAL CRACK IN THE PIPE
199	07:55	RADIAL CRACK IN THE PIPE
223	08:55	CHECK VALVE #15
242	09:50	RADIAL CRACK IN THE PIPE
242	09:50	HAIRLINE LONGITUDINAL CRACK IN THE PIPE
262	10:35	CHECK VALVE #16
284 - 309	11:05	DEBRIS IN THE LINE
312	11:50	CHECK VALVE #17
350	12:55	STANDPIPE
354	13:25	CHECK VALVE #18
402	14:35	CHECK VALVE #19
488	16:45	CHECK VALVE #20
491	17:15	RADIAL CRACK IN THE PIPE
507	17:50	CHECK VALVE #21
507 - 536	18:10	LONGITUDINAL CRACK IN THE PIPE
529	18:55	RADIAL CRACK IN THE PIPE
560	19:50	RADIAL CRACK IN THE PIPE
578	20:25	STANDPIPE
581	21:10	CHECK VALVE #22

CONTINUED ON SHEET #: 21

TELEVISION INSPECTION LOG SHEET

VIDEO INSPECTION SPECIALISTS, INC.

SHEET #: 21

FOOTAGE

FRAME

OBSERVATION

581

21:20

END RUN

CONTINUED ON SHEET #: _____

TELEVISION INSPECTION LOCATION SHEET

**VIDEO INSPECTION SPECIALISTS, INC.
4705 WEST SANTA ANA
FRESNO, CALIFORNIA 93722
(559) 276-0186**

DATE: 2/26/13

SHEET #: 22

PROJECT : C.C.T.V. INSPECTION OF IRRIGATION LINE IN MANTECA

CLIENT: CITY OF MANTECA WASTEWATER QUALITY CONTROL FACILITY

LOCATION OF LINE: HEADING EAST BETWEEN FIELD #3 & FIELD #4

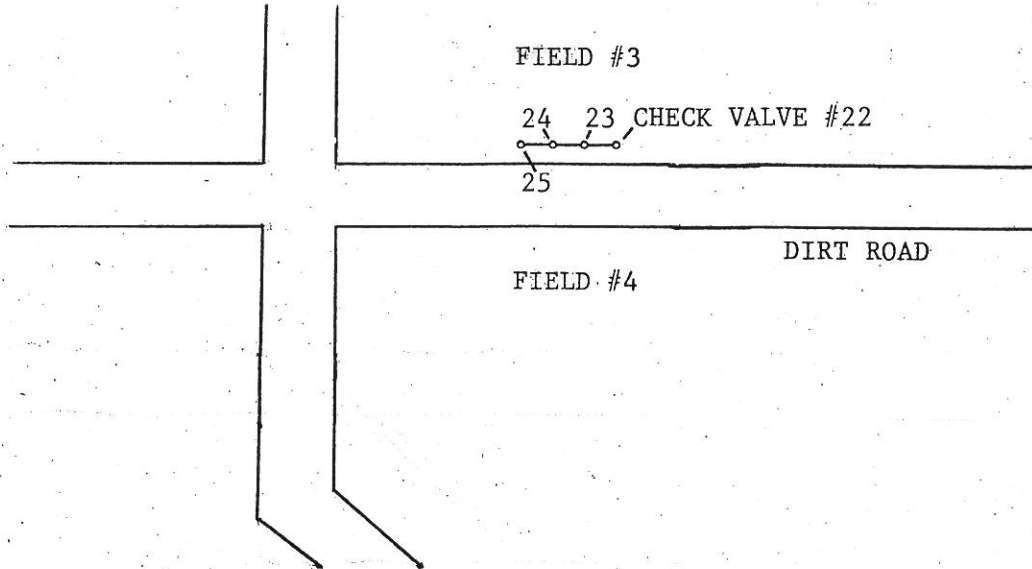
TYPE OF LINE: CIPCP INSPECTOR: MARK

PIPE SIZE: 36 INCHES PIPE LENGTH: 181 FEET

DIRECTION OF FLOW: FROM MANHOLE #: CHECK VALVE #22 TO MANHOLE #: CHECK VALVE #25

DIRECTION OF MEASUREMENT: FROM MANHOLE #: CHECK VALVE #25 TO MANHOLE #: CHECK VALVE #22

VIDEO REF: DVD # 2 FROM FRAME: 00:00 TO FRAME: 07:15



NOTES: _____

<u>FOOTAGE</u>	<u>FRAME</u>	<u>OBSERVATION</u>
4	00:00	START RUN AT CHECK VALVE #25
42	01:20	RADIAL CRACK IN THE PIPE
78	02:10	DEBRIS IN THE LINE
90 - 100	02:35	CHECK VALVE #24

TELEVISION INSPECTION LOG SHEET

VIDEO INSPECTION SPECIALISTS, INC.

SHEET #: 23

<u>FOOTAGE</u>	<u>FRAME</u>	<u>OBSERVATION</u>
105 - 117	03:20	HAIRLINE LONGITUDINAL CRACK IN THE PIPE
110	03:50	HAIRLINE RADIAL CRACK IN THE PIPE
138	05:15	CHECK VALVE #23
140	05:40	HAIRLINE LONGITUDINAL CRACK IN THE PIPE
180	06:40	HAIRLINE LONGITUDINAL CRACK IN THE PIPE WITH ROOTS
181	07:15	END RUN AT CHECK VALVE #22

CONTINUED ON SHEET #: _____

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DATE: 2/26/13

SHEET #: 24

PROJECT : C.C.T.V. INSPECTION OF IRRIGATION LINE IN MANTECA

CLIENT: CITY OF MANTECA WASTEWATER QUALITY CONTROL FACILITY

LOCATION OF LINE: HEADING WEST FROM FIELD #3 & FIELD #4

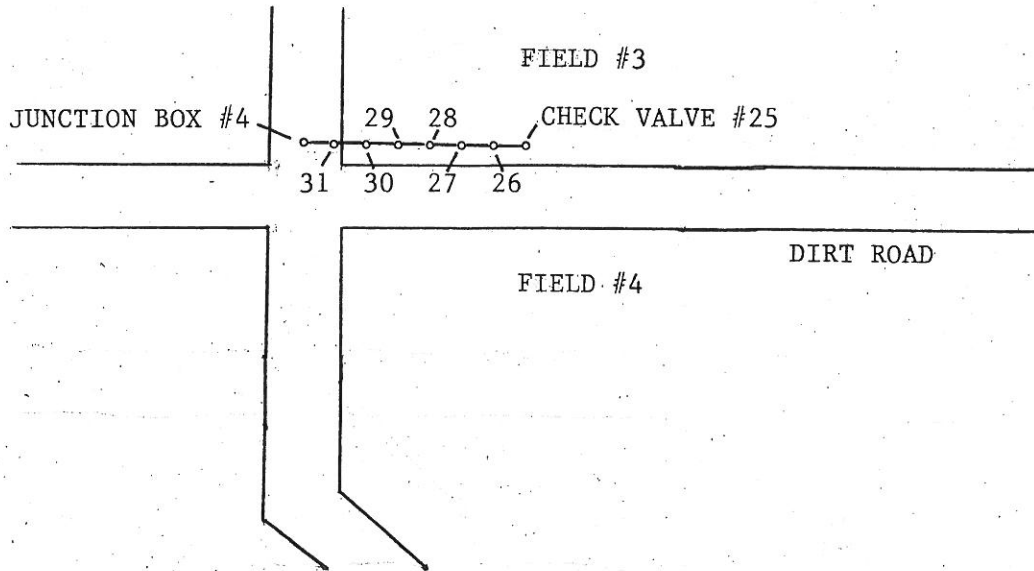
TYPE OF LINE: CIPCP INSPECTOR: MARK

PIPE SIZE: 36 INCHES PIPE LENGTH: 403 FEET

DIRECTION OF FLOW: FROM MANHOLE #: CHECK VALVE #25 TO MANHOLE #: JUNCTION BOX #4

DIRECTION OF MEASUREMENT: FROM MANHOLE #: CHECK VALVE #25 TO MANHOLE #: JUNCTION BOX #4

VIDEO REF: DVD # 2 FROM FRAME: 00:00 TO FRAME: 17:45



NOTES: _____

<u>FOOTAGE</u>	<u>FRAME</u>	<u>OBSERVATION</u>
4	00:00	START RUN AT CHECK VALVE #25
17	01:20	RADIAL CRACK IN THE PIPE
21 - 43	02:10	HAIRLINE LONGITUDINAL CRACK IN THE PIPE
32	02:50	RADIAL CRACK IN THE PIPE

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DATE: 2/26/13

SHEET #: 26

PROJECT : C.C.T.V. INSPECTION OF IRRIGATION LINE IN MANTECA

CLIENT: CITY OF MANTECA WASTEWATER QUALITY CONTROL FACILITY

LOCATION OF LINE: HEADING EAST ALONG THE NORTH SIDE OF BASEBALL FIELD

TYPE OF LINE: CIPCP **INSPECTOR:** MARK

PIPE SIZE: 36 **INCHES** **PIPE LENGTH:** 368 **FEET**

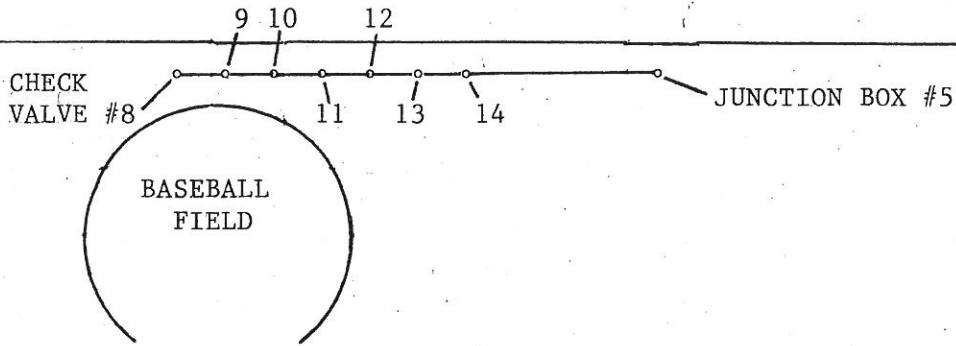
DIRECTION OF FLOW: **FROM MANHOLE #:** JUNCTION BOX #5 **TO MANHOLE #:** CHECK VALVE #8

DIRECTION OF MEASUREMENT: **FROM MANHOLE #:** CHECK VALVE #8 **TO MANHOLE #:** JUNCTION BOX #5

VIDEO REF: DVD **#** 2 **FROM FRAME:** 00:00 **TO FRAME:** 13:56

FIELD #2

↑
N



NOTES: _____

<u>FOOTAGE</u>	<u>FRAME</u>	<u>OBSERVATION</u>
4	00:00	START RUN AT CHECK VALVE #8
72	02:00	CHECK VALVE #9
135	03:15	CHECK VALVE #10
180	04:05	DEBRIS IN THE LINE

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VIDEO INSPECTION SPECIALISTS, INC.

SHEET #: 27

<u>FOOTAGE</u>	<u>FRAME</u>	<u>OBSERVATION</u>
187	04:30	CHECK VALVE #11
242	05:40	CHECK VALVE #12
288	06:40	HEAVY SAND IN THE LINE
290	07:05	CHECK VALVE #13
301	07:20	HEAVY DEBRIS IN THE LINE
339	11:25	CHECK VALVE #14
368	13:56	END RUN - AS FAR AS TRACTOR CAN GO - TOO MUCH MUD IN THE LINE

CONTINUED ON SHEET #: _____