

ACCESS BEHIND GUARDRAIL

REMOVE AND RE-ERECT GUARDRAIL AS NECESSARY FOR ACCESS TO A WORK LOCATION. REMOVE GUARDRAIL ONLY WHEN IT CAN BE REPLACED ON THE SAME DAY. OBTAIN APPROVAL FROM THE ENGINEER FOR EACH LOCATION, PRIOR TO PERFORMING THE WORK. THIS WORK INCLUDES REMOVAL OF EXISTING GUARDRAIL AND POSTS AND RE-ERECTION OF THE SAME MATERIALS. EXISTING RAIL ELEMENTS AND BARRIER REFLECTORS MAY BE REUSED. PAYMENT FOR ALL LABOR, EQUIPMENT, AND MATERIALS NECESSARY TO PERFORM THIS WORK SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC.

ITEM SPECIAL - PIPE CLEANOUT

THIS WORK SHALL CONSIST OF REMOVING SEDIMENT AND DEBRIS FROM THE EXISTING DRAINAGE CONDUITS SPECIFIED IN THE PLANS. ALL MATERIAL REMOVED SHALL BE DISPOSED OF AS PER 105.16 AND 105.17. ALL SEWERS SHALL BE CLEANED OUT TO THE SATISFACTION OF THE ENGINEER.

CLEANOUT OF THE PIPE SHALL BE PAID FOR AT THE UNIT PRICE BID FOR ITEM SPECIAL - PIPE CLEANOUT. THIS PRICE SHALL INCLUDE THE COST FOR MATERIAL, EQUIPMENT, LABOR, AND ALL INCIDENTALS REQUIRED TO COMPLETE THE CLEANOUT.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR THE ABOVE NOTED WORK:

SPECIAL, PIPE CLEANOUT, OVER 48" 678 FT.

TEMPORARY ACCESS FILL

COFFERDAMS AND EXCAVATION BRACING INSTALLED FOR THE PROJECT ARE FOR DEWATERING THE WORK AREA. COFFERDAMS AND EXCAVATION BRACING DESIGN, CONSTRUCTION, AND REIMBURSEMENT FOR DAMAGE IS BASED ON CMS 503. THE CONTRACTOR MUST COMPLY WITH THE IN-STREAM RESTRICTION IN THE SPECIAL PROVISIONS WATERWAY PERMIT. ADDING FILL TO THE STREAM TO DEWATER THE WORK AREA REQUIRES A TEMPORARY ACCESS FILL (TAF) SUBMISSION PER THE SPECIAL PROVISIONS. FILLING AN EXCAVATED AREA AFTERWARDS IS CONSIDERED A PERMANENT FILL AND MAY VIOLATE THE WATERWAY PERMIT'S THRESHOLDS OF IMPACTS.

IF THE CONTRACTOR CHOOSES TO IMPACT THE STREAM DURING THE MONTHS OF APRIL THROUGH OCTOBER: ALL REQUIREMENTS OF CMS 503 APPLY, UNLESS STIPULATED ELSEWHERE IN THIS NOTE. THE REHABILITATION WORK REQUIRED IN THE PLANS MUST BE COMPLETED IN SECTIONS. THE LONGEST SECTION THAT CAN BE COMPLETED AT ONE TIME IS 300'. IF THE CONTRACTOR CHOOSES TO COMPLETE SECTIONS GREATER THAN 300' AT A TIME, THEN THE DEPARTMENT WILL ONLY REIMBURSE THE CONTRACTOR FOR RESULTING DAMAGE TO 300' OF WORK PROTECTED BY THE COFFERDAM, PROVIDED THE CONTRACTOR HAS EXERCISED DUE DILIGENCE AS DETERMINED BY THE ENGINEER.

IF THE CONTRACTOR CHOOSES TO IMPACT THE STREAM AT ANY TIME IN THE MONTHS OF NOVEMBER THROUGH MARCH: EVEN IF THE ACTUAL WATER ELEVATION EXCEEDS 3 FEET ABOVE THE STATED ORDINARY HIGH WATER MARK, THE DEPARTMENT WILL NOT REIMBURSE THE CONTRACTOR FOR RESULTING DAMAGE TO THE WORK PROTECTED BY THE COFFERDAM. ALL OTHER REQUIREMENTS OF CMS 503 APPLY.

UTILITIES

THERE ARE NO UNDERGROUND UTILITIES SHOWN ON THIS PLAN. THE NATURE OF THE WORK REQUIRED BY THIS PROJECT WILL NOT AFFECT ANY KNOWN UNDERGROUND UTILITIES THAT EXIST UNDER, OR ADJACENT TO, THE WORK AREA.

MOCK UP

FOR REPAIR METHOD A, REPAIR METHOD B, AND REPAIR METHOD C, THE CONTRACTOR SHALL CONDUCT A SEPARATE MOCK-UP REPAIR USING THE PRODUCTS CHOSEN BY THE CONTRACTOR FOR EACH REPAIR METHOD. THE MOCK-UP SHALL BE CONDUCTED IN THE PRESENCE OF THE ENGINEER AND THE PRODUCT'S REPRESENTATIVE FOR ACCEPTANCE OF THE APPLICATION, MEANS AND METHODS. THIS MOCK-UP MAY BE CONDUCTED ON A REPRESENTATIVE SECTION OF THE DEFECTIVE PIPE AT A LOCATION AGREED UPON BY THE ENGINEER. UPON ACCEPTANCE OF THE MOCK-UP BY THE ENGINEER, THE CONTRACTOR MAY PROCEED WITH PROJECT REPAIRS. PAYMENT FOR MOCK UPS IS INCIDENTAL TO THE DIFFERENT REPAIR METHODS.

EAST FORK STATE PARK (CLE-125-10.12)

THE CONTRACTOR WILL INSTALL AND MAINTAIN TEMPORARY CONSTRUCTION FENCING ALONG THE KNOWN BOUNDARIES OF EAST FORK STATEPARK WITHIN THE ROJECT CONSTRUCTION LIMITS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.

DRINKING WATER PROTECTION AREA (CLE-125-10.12)

CULVERT MAINTENANCE AT CLE-125-10.12 IS LOCATED OVER A PORTION OF THE INLAND SURFACE WATER SOURCE WATERSHED AND CORRIDOR MANAGEMENT ZONE FOR THE CLERMONT PUBLIC WATER SYSTEM (OH1302212). IN ORDER TO MINIMIZE THE POTENTIAL FOR A RELEASE IN THIS SENSITIVE AREA, ALL PROJECT RELATED FUELING AND/OR MAINTENANCE ACTIVITIES ARE TO BE UNDERTAKEN IN AN ENVIRONMENTALLY RESPONSIBLE MANNER.. THE CONTRACTOR SHALL UTILIZE PROPER CONTAINMENT AND DIKING IN REFUELING AREAS, AND SHALL NOT STORE AND IDLE EQUIPMENT, FUELS AND ANY TOXIC/HAZARDOUS MATERIALS AND CHEMICALS NEAR ANY DRAINAGE WAYS, DITCHES OR STREAMS. A SPILL KIT IS TO BE MAINTAINED ON-SITE THROUGHOUT CONSTRUCTION ACTIVITIES. SPILLS OF FUELS, OILS, CHEMICALS OR OTHER MATERIALS WHICH COULD POSE A THREAT TO GROUNDWATER SHALL BE CLEANED UP IMMEDIATELY BY THE CONTRACTOR. REPORT ALL SPILLS OR EVENTS TO THE CLERMONT COUNTY WATERWORKS DIVISION (513-732-7970) AND REFERENCE THE BOB MCEWEN WATER TREATMENT PLANT. IF THE SPILL IS A REPORTABLE AMOUNT, THE CONTRACTOR SHOULD CONTACT THE BETHEL-TATE FIRE DEPARTMENT (513-734-4444), LOCAL EMERGENCY COORDINATOR (513-553-4113) AND THE OEPA (1-800-282-9378) WITHIN 30 MINUTES OF KNOWLEDGE OF THE RELEASE.

ITEM 614, MAINTAINING TRAFFIC

ALL LANES OF TRAFFIC SHALL BE MAINTAINED AT ALL TIMES BY USE OF THE EXISTING PAVEMENT. ON SR 125, LANE CLOSURES ARE PERMITTED PER MT-95.31 DURING WORKING HOURS; EXCEPT ALL EASTBOUND LANES SHALL BE OPEN TO TRAFFIC FROM 3 PM TO 6 PM. ON ALL OTHER ROUTES, LANE CLOSURES ARE PERMITTED PER MT-97.10 DURING WORKING HOURS.

NO WORK SHALL BE PERFORMED AND ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC DURING THE FOLLOWING DESIGNATED HOLIDAYS OR EVENTS:

- CHRISTMAS
- FOURTH OF JULY
- NEW YEAR'S
- LABOR DAY
- MEMORIAL DAY
- THANKSGIVING
- (OTHER HOLIDAY OR EVENT)

THE PERIOD OF TIME THAT THE LANES ARE TO BE OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY OR EVENT FALLS. THE FOLLOWING SCHEDULE SHALL BE USED TO DETERMINE THIS PERIOD:

DAY OF HOLIDAY TIME ALL LANES
OR EVENT MUST BE OPEN TO TRAFFIC

- SUNDAY 12:00N FRIDAY THROUGH 6:00AM MONDAY
- MONDAY 12:00N FRIDAY THROUGH 6:00AM TUESDAY
- TUESDAY 12:00N MONDAY THROUGH 6:00AM WEDNESDAY
- WEDNESDAY 12:00N TUESDAY THROUGH 6:00AM THURSDAY
- THURSDAY 12:00N WEDNESDAY THROUGH 6:00AM FRIDAY
- THURSDAY (THANKSGIVING ONLY)
- 6:00AM WEDNESDAY THROUGH 6:00AM MONDAY
- FRIDAY 12:00N THURSDAY THROUGH 6:00AM MONDAY
- SATURDAY 12:00N FRIDAY THROUGH 6:00AM MONDAY

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE PER THE LANE VALUE CONTRACT (PN 127).

LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH C&MS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

LANE VALUE CONTRACT TABLE			
DESCRIPTION OF CRITICAL LANE/RAMP TO BE MAINTAINED	RESTRICTED TIME PERIOD	TIME UNIT	DISINCENTIVE \$ PER TIME UNIT
CLE-133-32.16: ALL LANES OPEN TO TRAFFIC	NO RESTRICTIONS	1 MINUTE PERIOD	\$10
CLE-133-32.93: ALL LANES OPEN TO TRAFFIC	NO RESTRICTIONS	1 MINUTE PERIOD	\$10
CLE-125-10.12: ALL LANES OPEN TO TRAFFIC	3 PM TO 6PM EASTBOUND	1 MINUTE PERIOD	\$55
CLE-222-22.90: ALL LANES OPEN TO TRAFFIC	NO RESTRICTIONS	1 MINUTE PERIOD	\$30
WAR-28-00.40: ALL LANES OPEN TO TRAFFIC	NO RESTRICTIONS	1 MINUTE PERIOD	\$50

GENERAL NOTES

DESIGN AGENCY



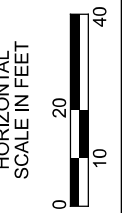
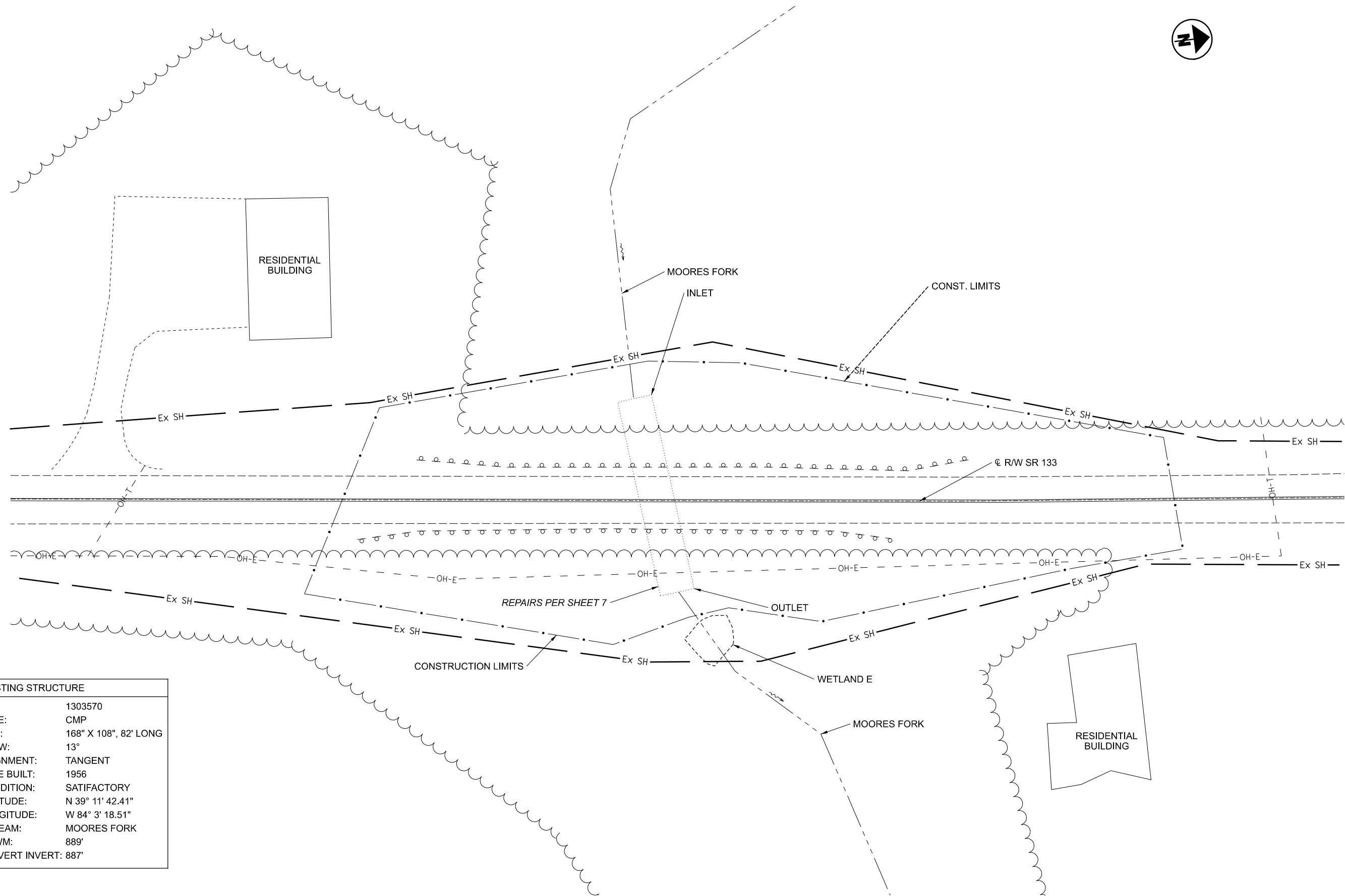
DESIGNER
SEC

REVIEWER
XXX MM-DD-YY

PROJECT ID
94182

SHEET TOTAL
P.4 | 15

EXISTING STRUCTURE	
SFN:	1303570
TYPE:	CMP
SIZE:	168" X 108", 82' LONG
SKEW:	13°
ALIGNMENT:	TANGENT
DATE BUILT:	1956
CONDITION:	SATISFACTORY
LATITUDE:	N 39° 11' 42.41"
LONGITUDE:	W 84° 3' 18.51"
STREAM:	MOORES FORK
OHWM:	889'
CULVERT INVERT:	887'

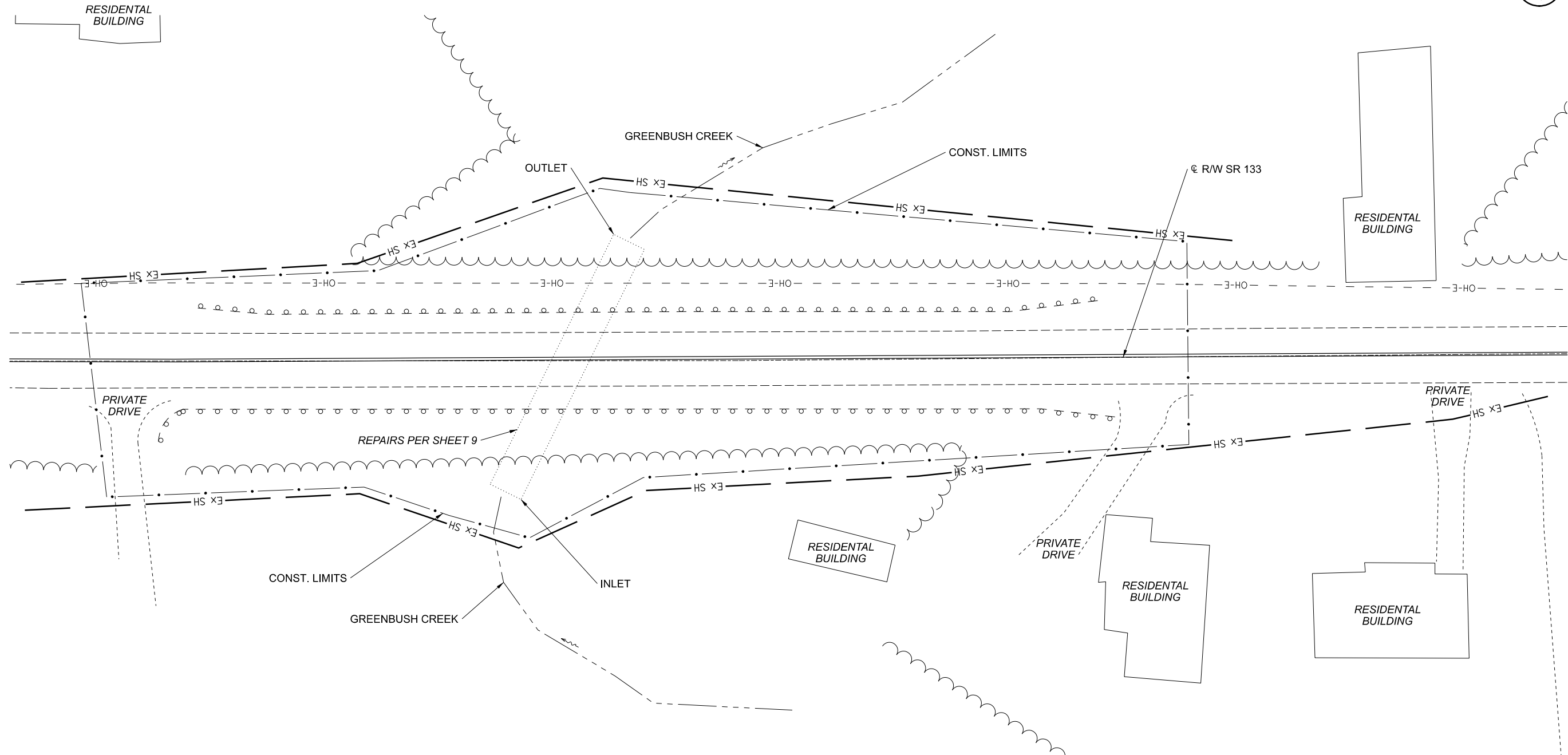


PLAN SHEET
 CLE-133-32.16

DESIGN AGENCY



DESIGNER	GAT
REVIEWER	XXX MM-DD-YY
PROJECT ID	94182
SHEET	TOTAL
P.6	15



EXISTING STRUCTURE	
SFN:	1303600
TYPE:	CMP
SIZE:	150" X 95", 101.5' LONG
SKEW:	29°
ALIGNMENT:	TANGENT
DATE BUILT:	1962
CONDITION:	SATISFACTORY
LATITUDE:	N 39° 12' 22.67"
LONGITUDE:	W 84° 3' 12.03"
STREAM:	GREENBUSH CREEK
OHWM:	893'
CULVERT INVERT:	891'



PLAN SHEET
 CLE-133-3293

DESIGN AGENCY



DESIGNER

GAT

REVIEWER

XXX MM-DD-YY

PROJECT ID

94182

SHEET

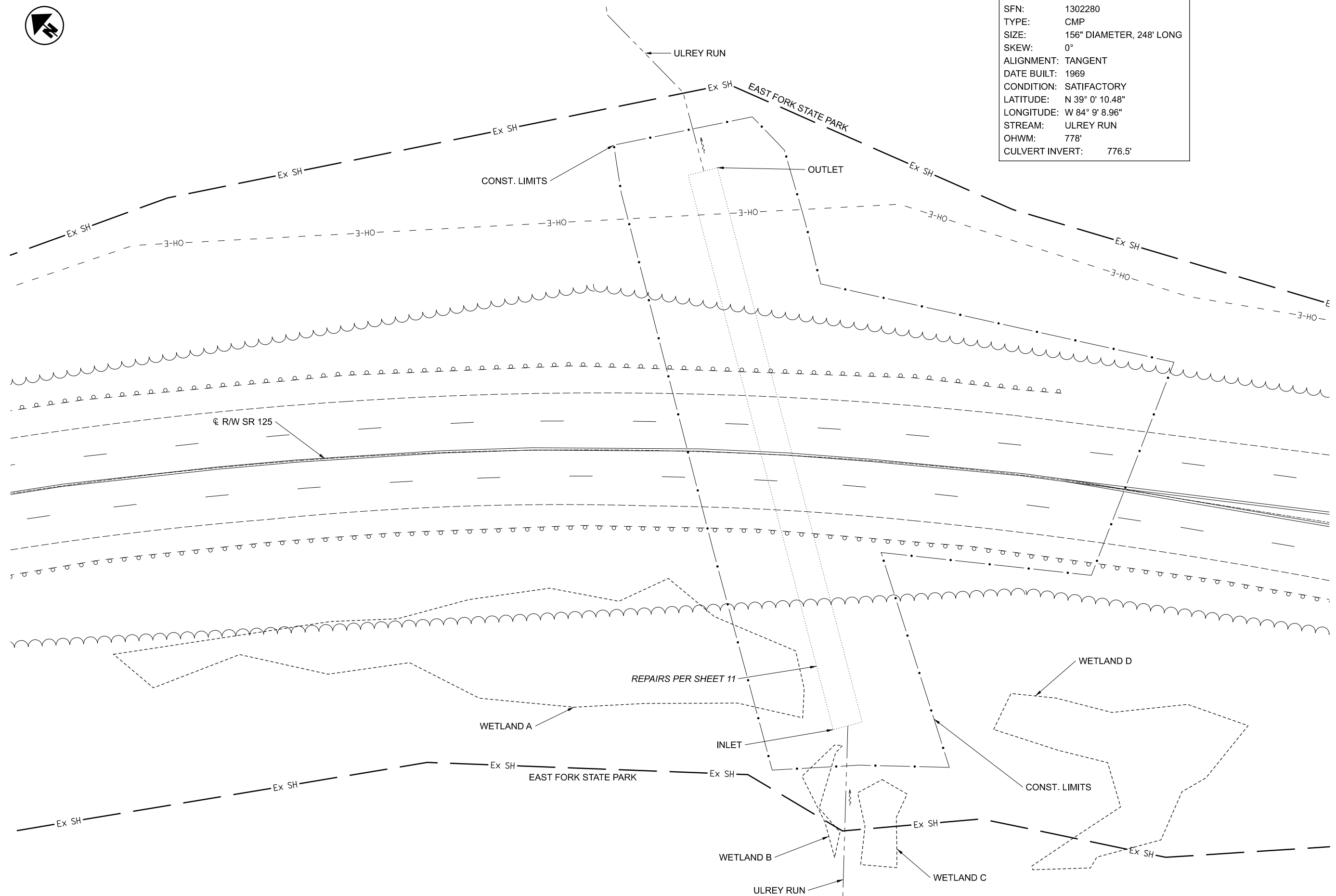
P.8

TOTAL

15



EXISTING STRUCTURE	
SFN:	1302280
TYPE:	CMP
SIZE:	156" DIAMETER, 248' LONG
SKEW:	0°
ALIGNMENT:	TANGENT
DATE BUILT:	1969
CONDITION:	SATISFACTORY
LATITUDE:	N 39° 0' 10.48"
LONGITUDE:	W 84° 9' 8.96"
STREAM:	ULREY RUN
OHWM:	778'
CULVERT INVERT:	776.5'



PLAN SHEET
CLE-125-1012

DESIGN AGENCY

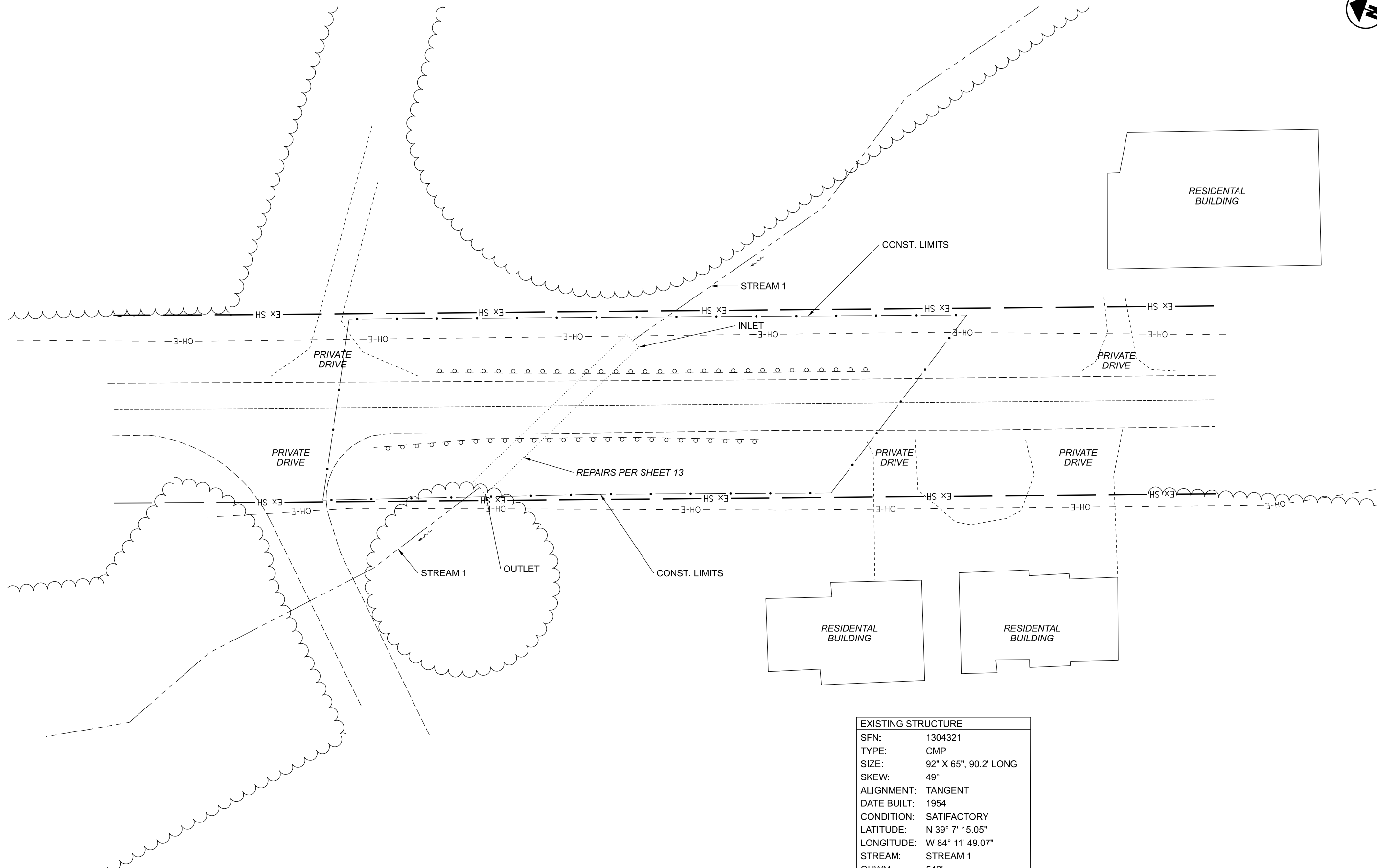


DESIGNER
GAT

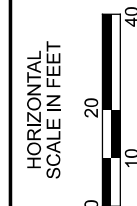
REVIEWER
XXX MM-DD-YY

PROJECT ID
94182

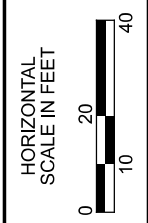
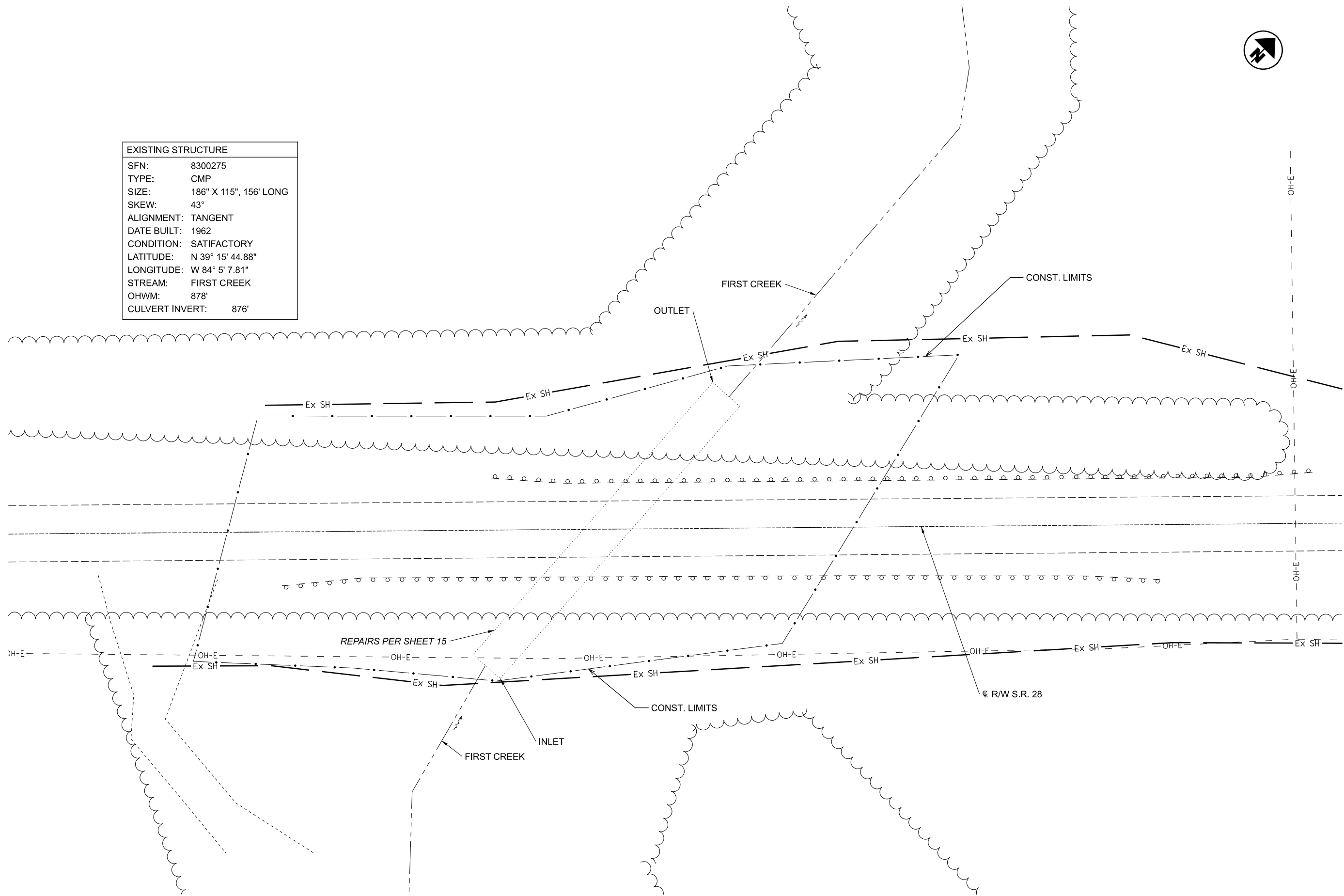
SHEET	TOTAL
P.10	15



EXISTING STRUCTURE	
SFN:	1304321
TYPE:	CMP
SIZE:	92" X 65", 90.2' LONG
SKEW:	49°
ALIGNMENT:	TANGENT
DATE BUILT:	1954
CONDITION:	SATISFACTORY
LATITUDE:	N 39° 7' 15.05"
LONGITUDE:	W 84° 11' 49.07"
STREAM:	STREAM 1
OHWM:	542'
CULVERT INVERT:	541'



EXISTING STRUCTURE	
SFN:	8300275
TYPE:	CMP
SIZE:	186" X 115", 156' LONG
SKEW:	43°
ALIGNMENT:	TANGENT
DATE BUILT:	1962
CONDITION:	SATISFACTORY
LATITUDE:	N 39° 15' 44.88"
LONGITUDE:	W 84° 5' 7.81"
STREAM:	FIRST CREEK
OHWM:	878'
CULVERT INVERT:	876'



PLAN SHEET
WAR-28-0040

DESIGN AGENCY



DESIGNER
GAT

REVIEWER
XXX MM-DD-YY

PROJECT ID
94182

SHEET TOTAL
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