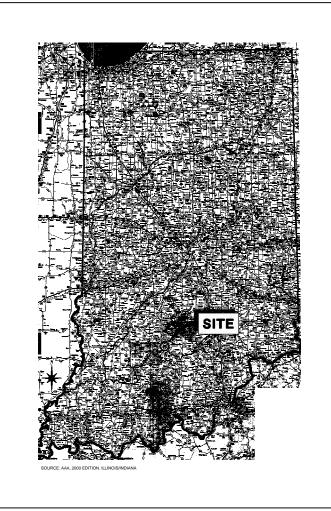
## DOWNSTREAM PARCELS REMOVAL ACTION

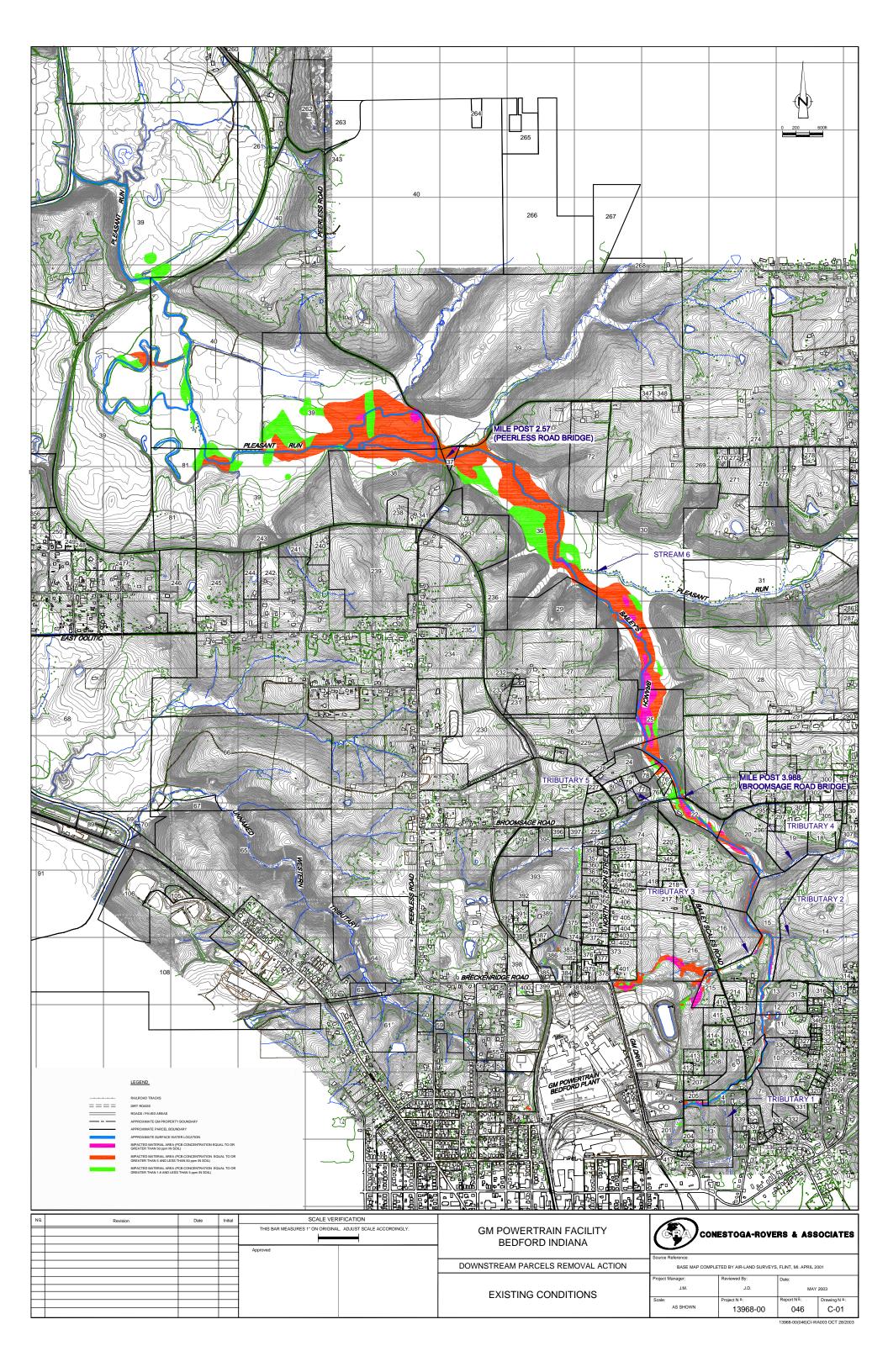
## GM POWERTRAIN BEDFORD FACILITY BEDFORD, INDIANA

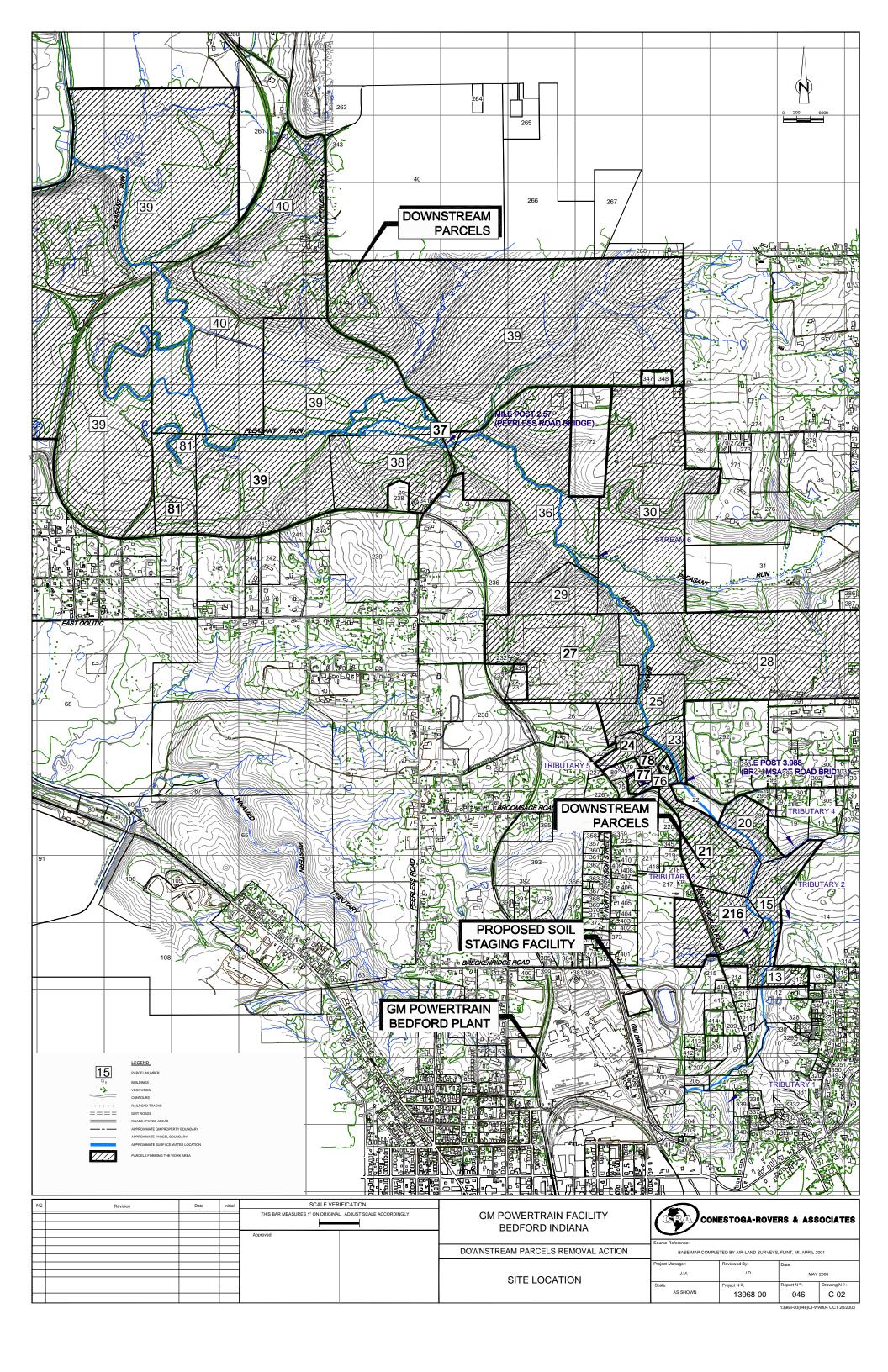


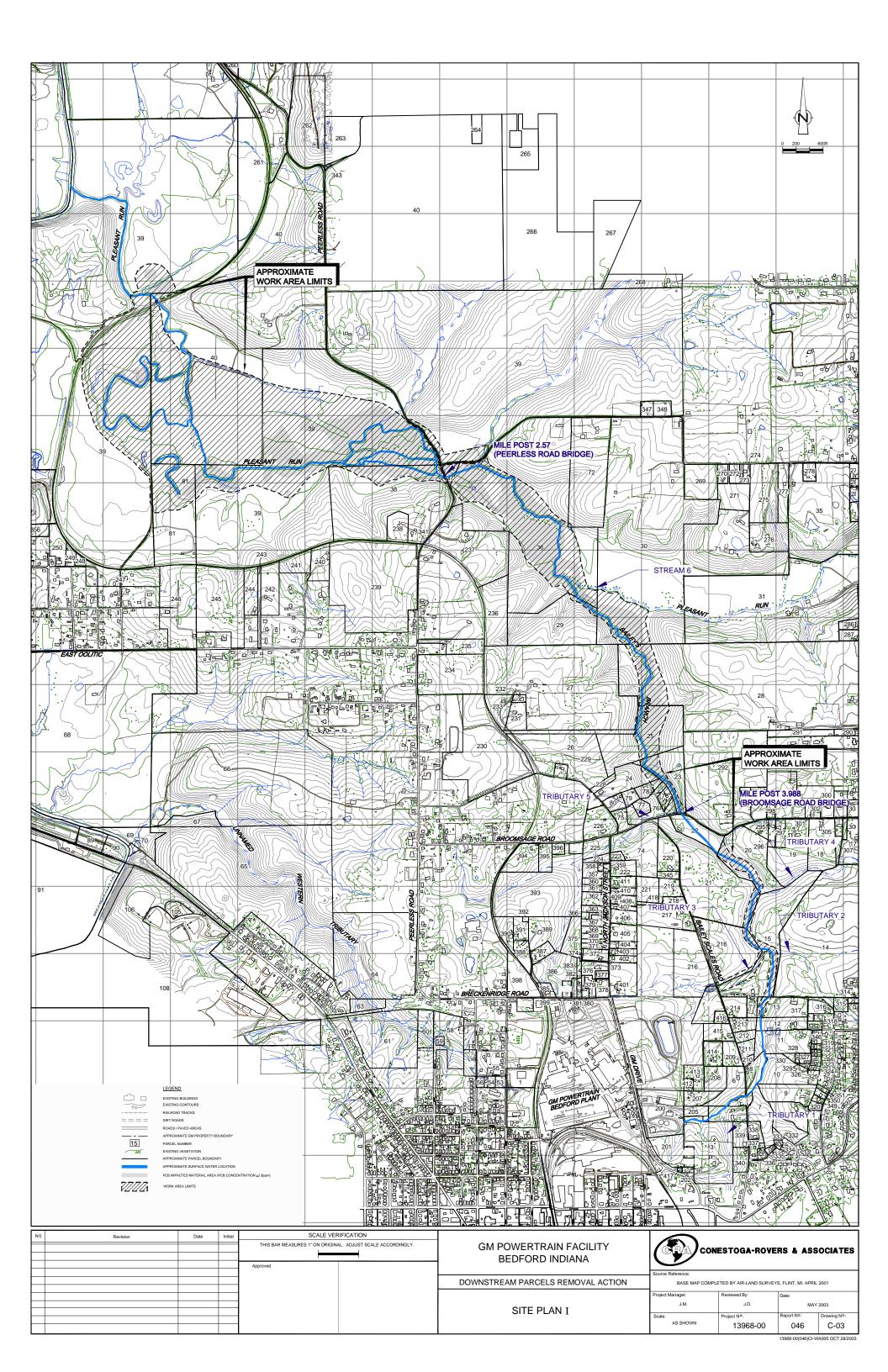
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C-01	0	OCTOBER 2003	EXISTING CONDITIONS	C-10 A	0	OCTOBER 2003	SITE PREPARATION	C-15 A	0	OCTOBER 2003	SITE PREPARATION
C-02	0	OCTOBER 2003	SITE LOCATION	C-10 B	0	OCTOBER 2003	SITE WORKS I SOIL EROSION AND SEDIMENT CONTROL	C-15 B	0	OCTOBER 2003	SITE WORKS I SOIL EROSION AND SEDIMENT CONTROL
C-03	0	OCTOBER 2003	SITE PLAN I	C-10 C	0	OCTOBER 2003	SITE WORKS II	C-15 C	0	OCTOBER 2003	SITE WORKS II
C-04	0	OCTOBER 2003	SITE PLAN II				STORMWATER MANAGEMENT				STORMWATER MANAGEMENT
C-05	0	OCTOBER 2003	KEY PLAN AND LOCATION MAP FOR SITE WORKS DRAWINGS	C-10 D	0	OCTOBER 2003	SITE WORKS III EXCAVATION PLAN	C-15 D	0	OCTOBER 2003	SITE WORKS III EXCAVATION PLAN
C-06 A	0	OCTOBER 2003	SITE PREPARATION	C-11 A	0	OCTOBER 2003	SITE PREPARATION	C-16 A	0	OCTOBER 2003	SITE PREPARATION
C-06 B	0	OCTOBER 2003	SITE WORKS I SOIL EROSION AND SEDIMENT CONTROL	C-11 B	0	OCTOBER 2003	SITE WORKS I SOIL EROSION AND SEDIMENT CONTROL	C-16 B	0	OCTOBER 2003	SITE WORKS I SOIL EROSION AND SEDIMENT CONTROL
C-06 C	0	OCTOBER 2003	SITE WORKS II STORMWATER MANAGEMENT	C-11 C	0	OCTOBER 2003	SITE WORKS II STORMWATER MANAGEMENT	C-16 C	0	OCTOBER 2003	SITE WORKS II STORMWATER MANAGEMENT
C-06 D	0	OCTOBER 2003	SITE WORKS III EXCAVATION PLAN	C-11 D	0	OCTOBER 2003	SITE WORKS III EXCAVATION PLAN	C-16 D	0	OCTOBER 2003	SITE WORKS III EXCAVATION PLAN
C-07 A	0	OCTOBER 2003	SITE PREPARATION	C-12 A	0	OCTOBER 2003	SITE PREPARATION	C-17 A	0	OCTOBER 2003	SITE PREPARATION
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C-09 A	0	OCTOBER 2003	SITE PREPARATION	C-14 A	0	OCTOBER 2003	SITE PREPARATION	C-19	0	OCTOBER 2003	DETAILS SHEET 1 OF 2
C-09 B	0	OCTOBER 2003	SITE WORKS I SOIL EROSION AND SEDIMENT CONTROL	C-14 B	0	OCTOBER 2003	SITE WORKS I SOIL EROSION AND SEDIMENT CONTROL	C-20	0	OCTOBER 2003	DETAILS SHEET 2 OF 2
C-09 C	0	OCTOBER 2003	SITE WORKS II STORMWATER MANAGEMENT	C-14 C	0	OCTOBER 2003	SITE WORKS II STORMWATER MANAGEMENT	C-21	0	OCTOBER 2003	PCB CONTAMINATED SOIL STAGING FACILITY PLAN
C-09 D	0	OCTOBER 2003	SITE WORKS III EXCAVATION PLAN	C-14 D	0	OCTOBER 2003	SITE WORKS III EXCAVATION PLAN	C-22	0	OCTOBER 2003	PCB CONTAMINATED SOIL STAGING FACILITY SECTIONS

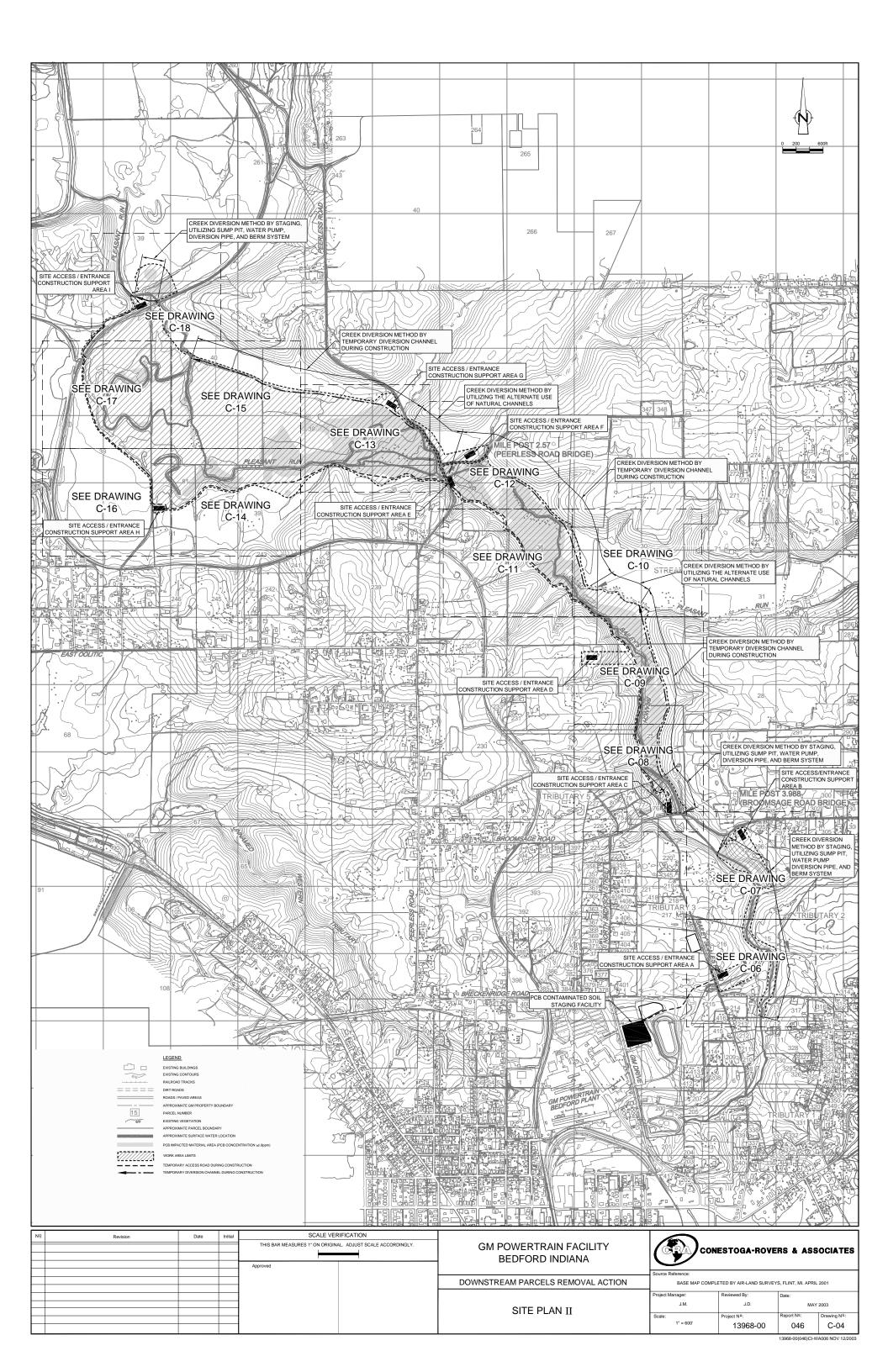
KEY PLAN DRAWING INDEX

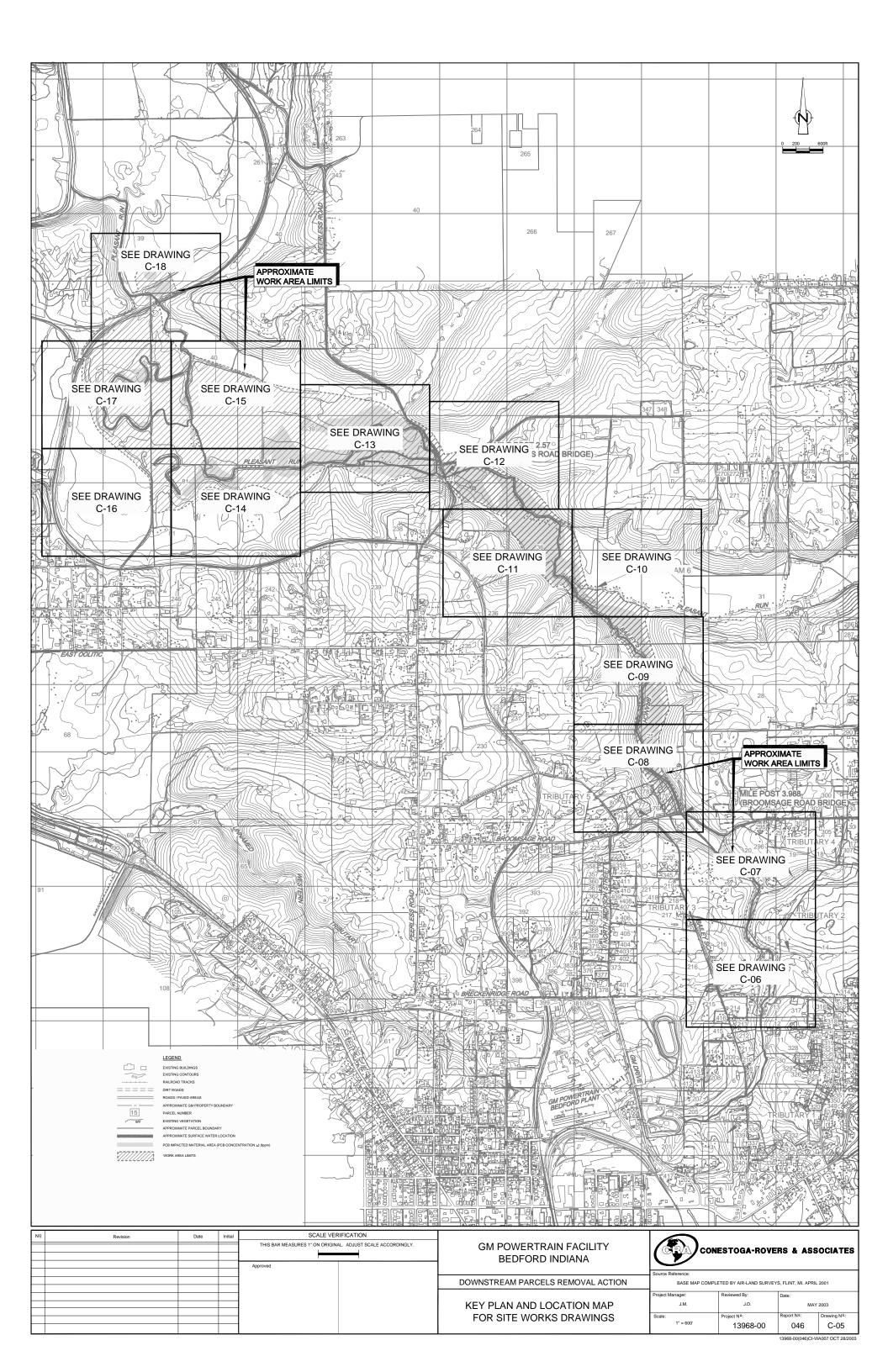


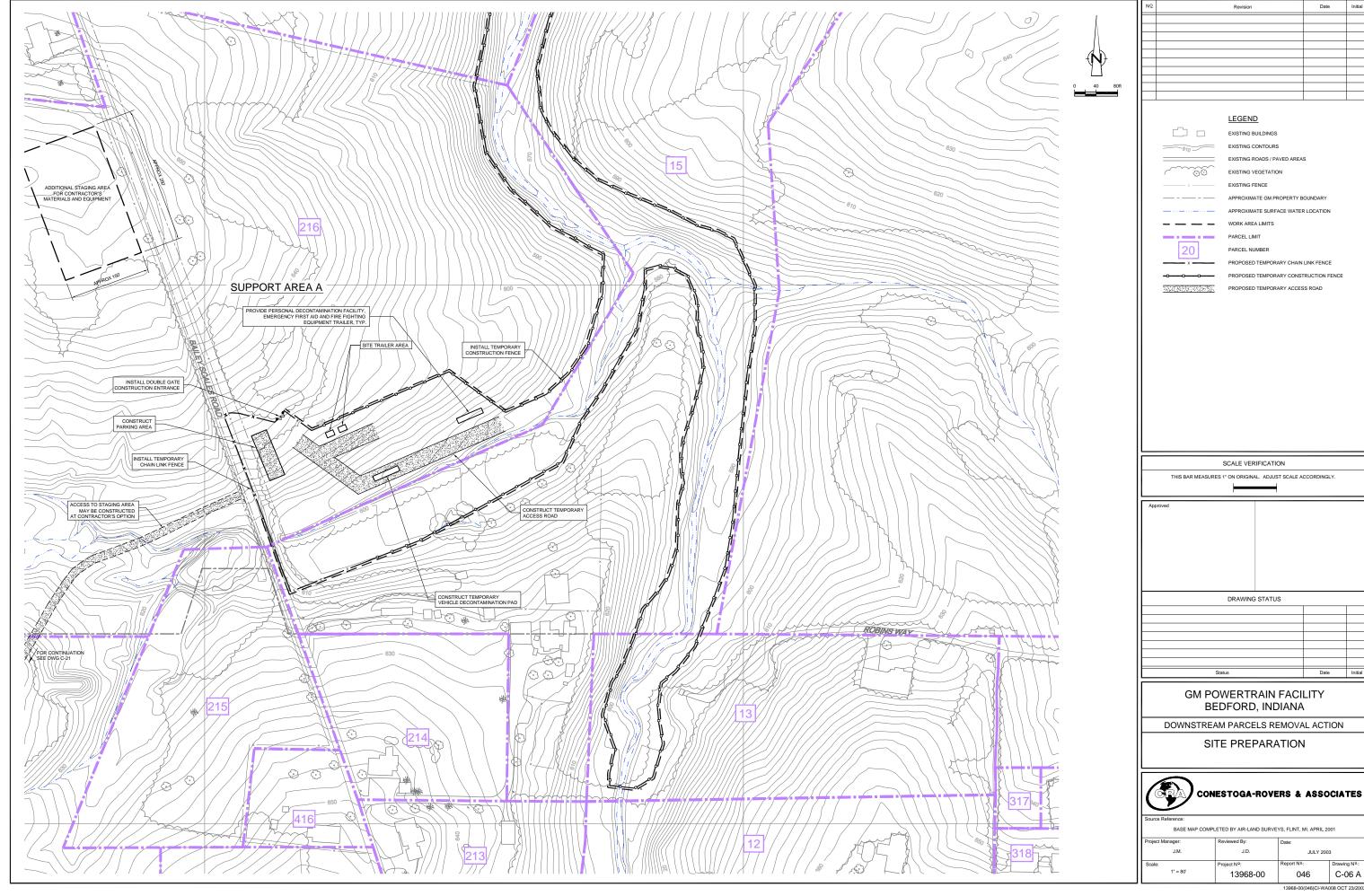


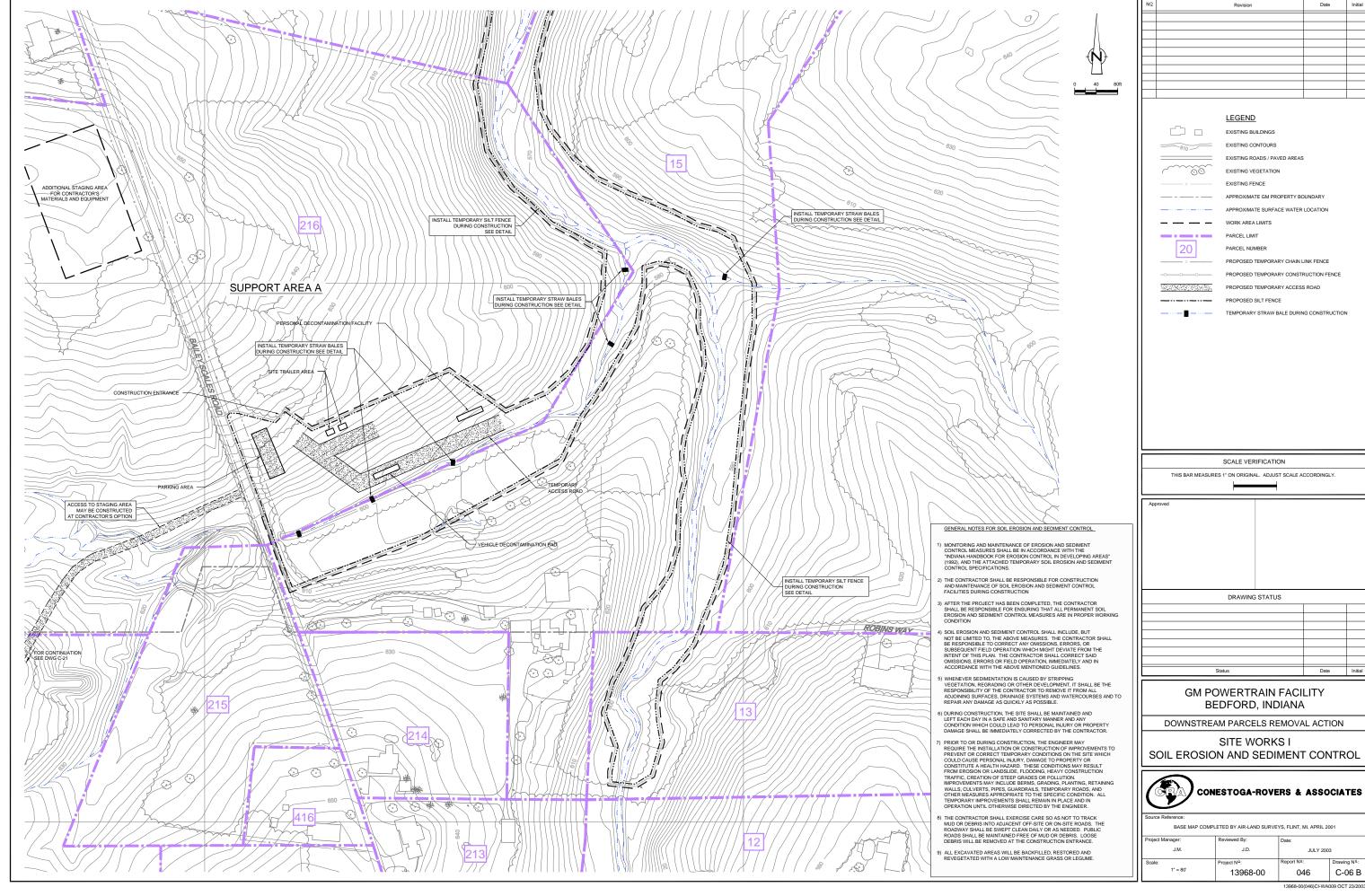


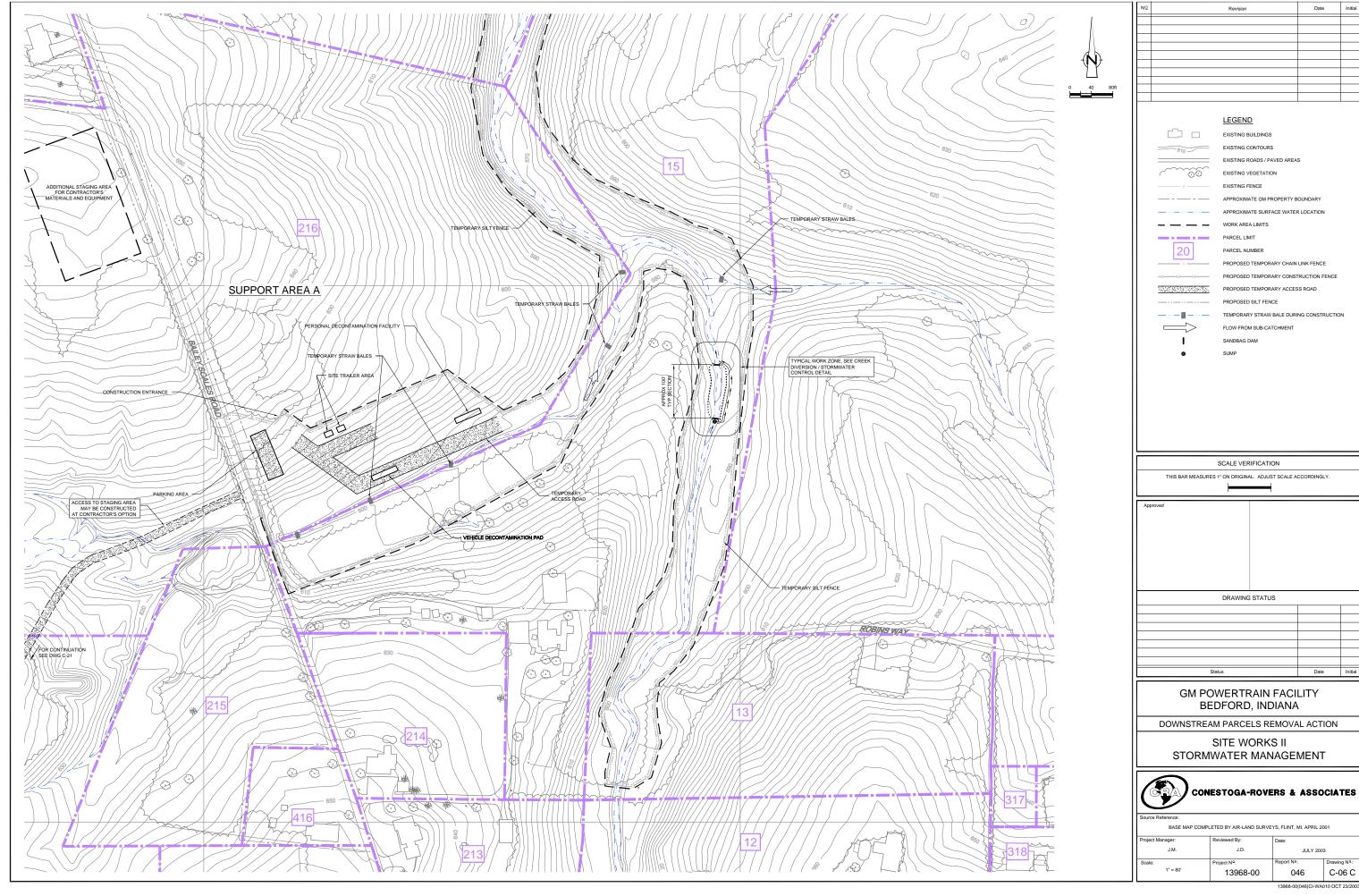


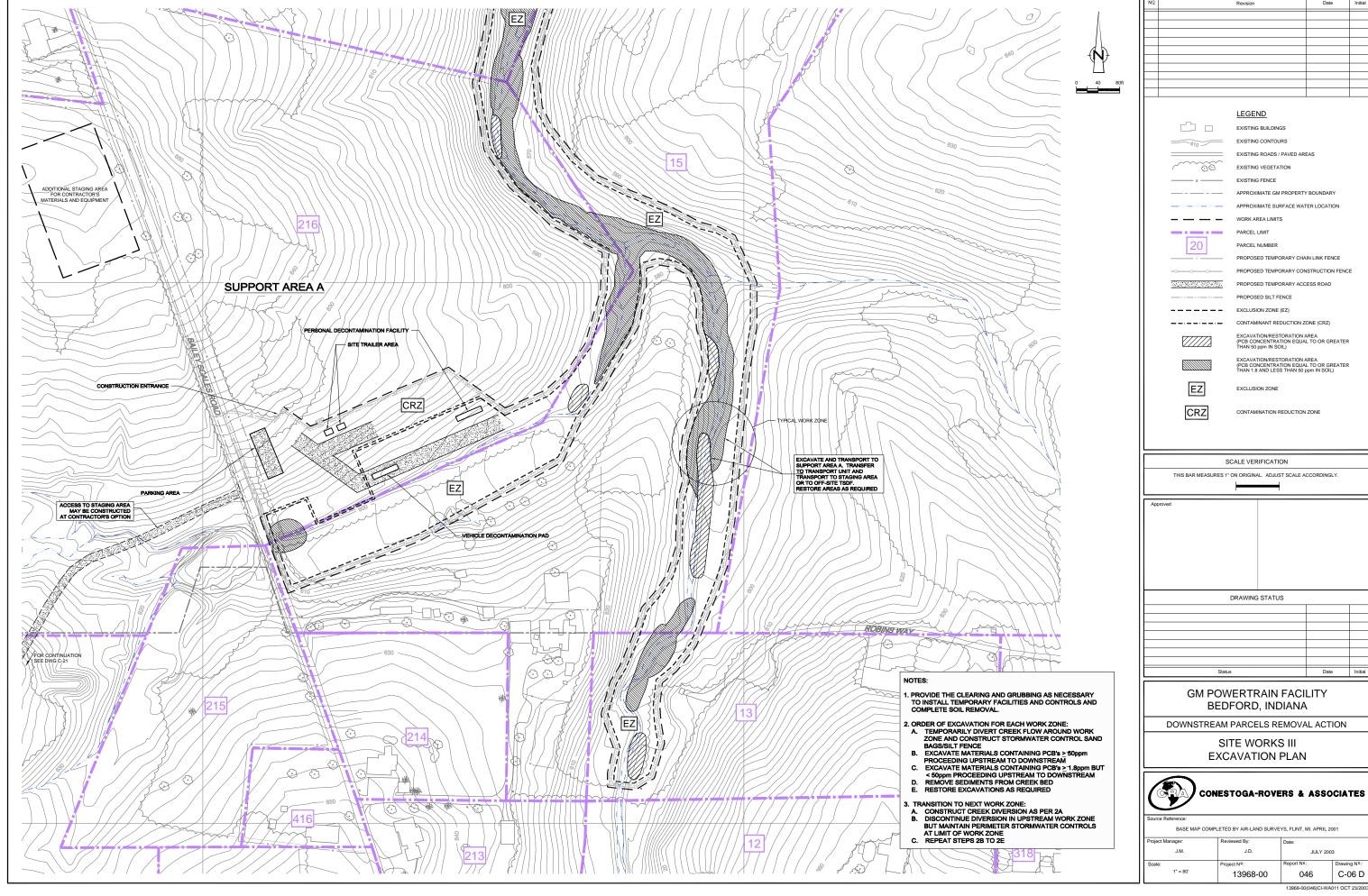


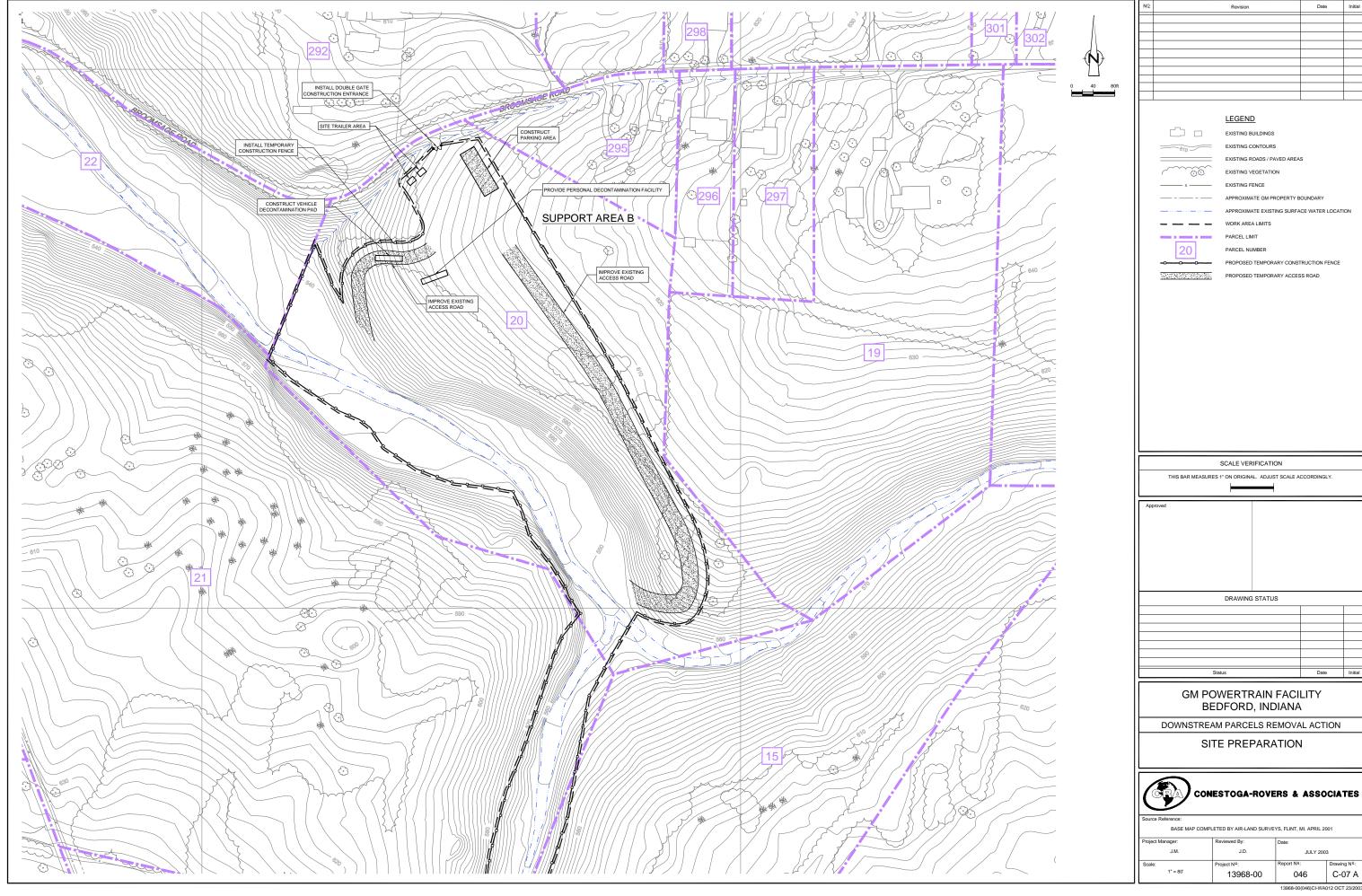


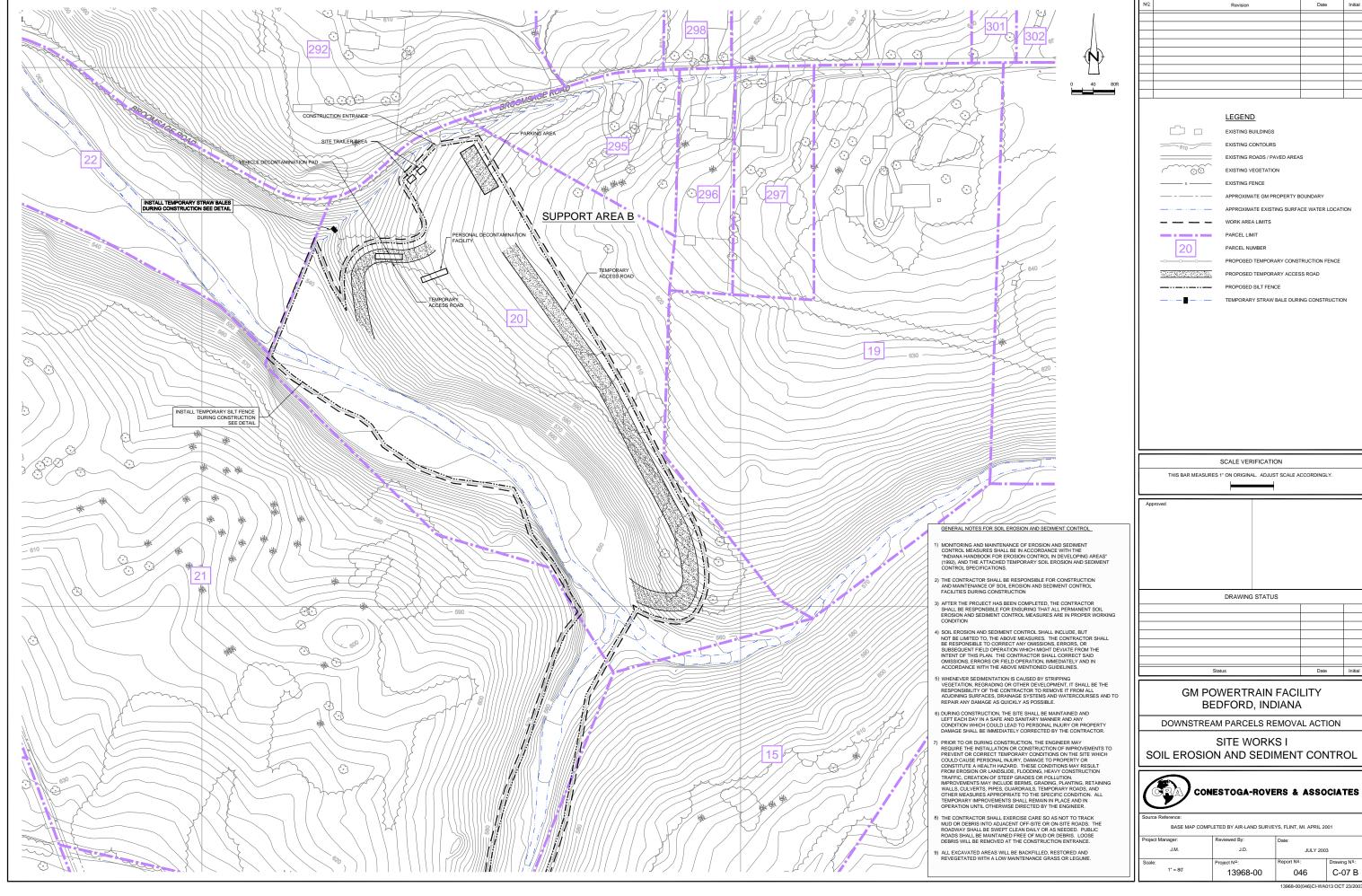


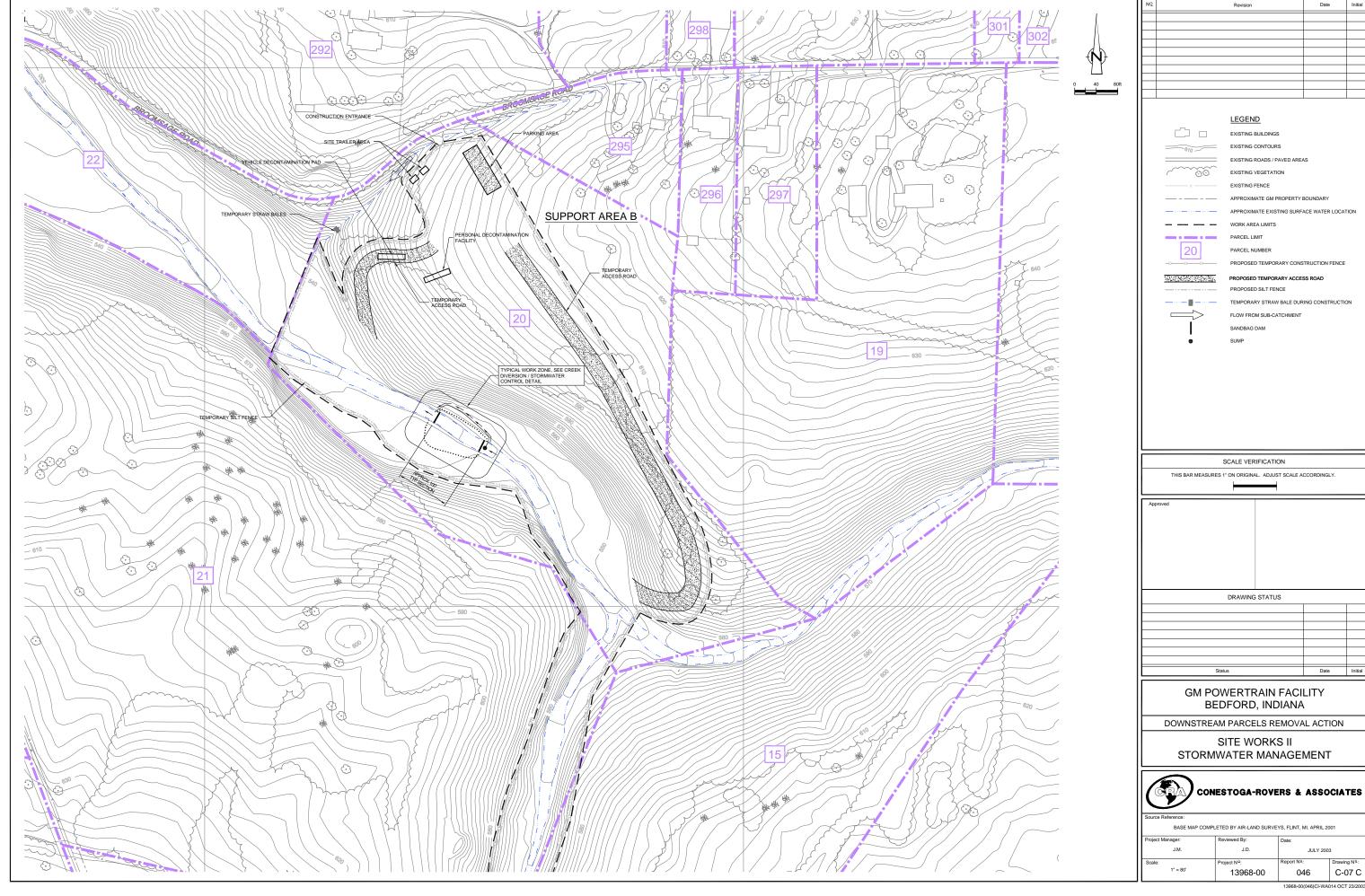


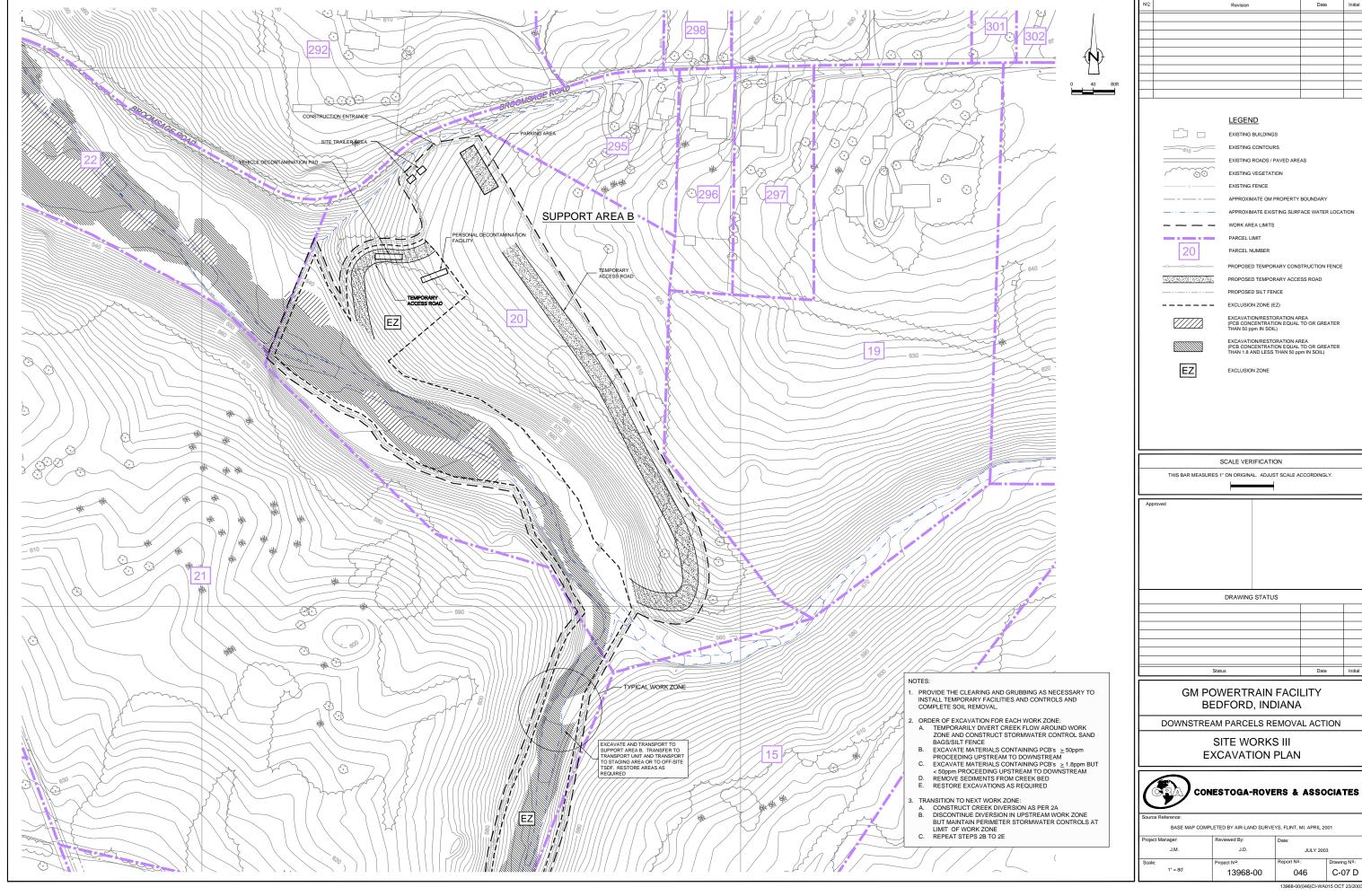


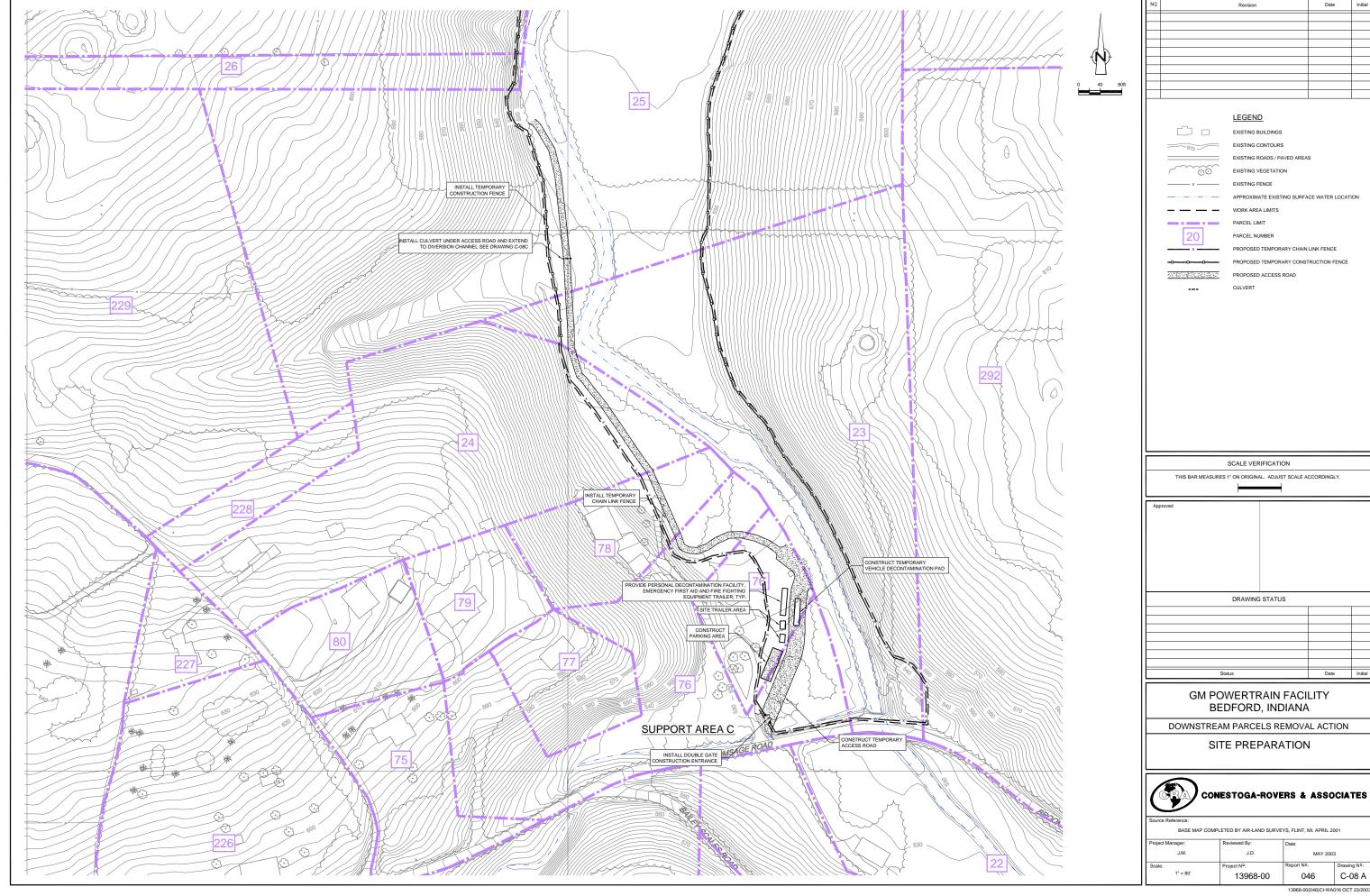


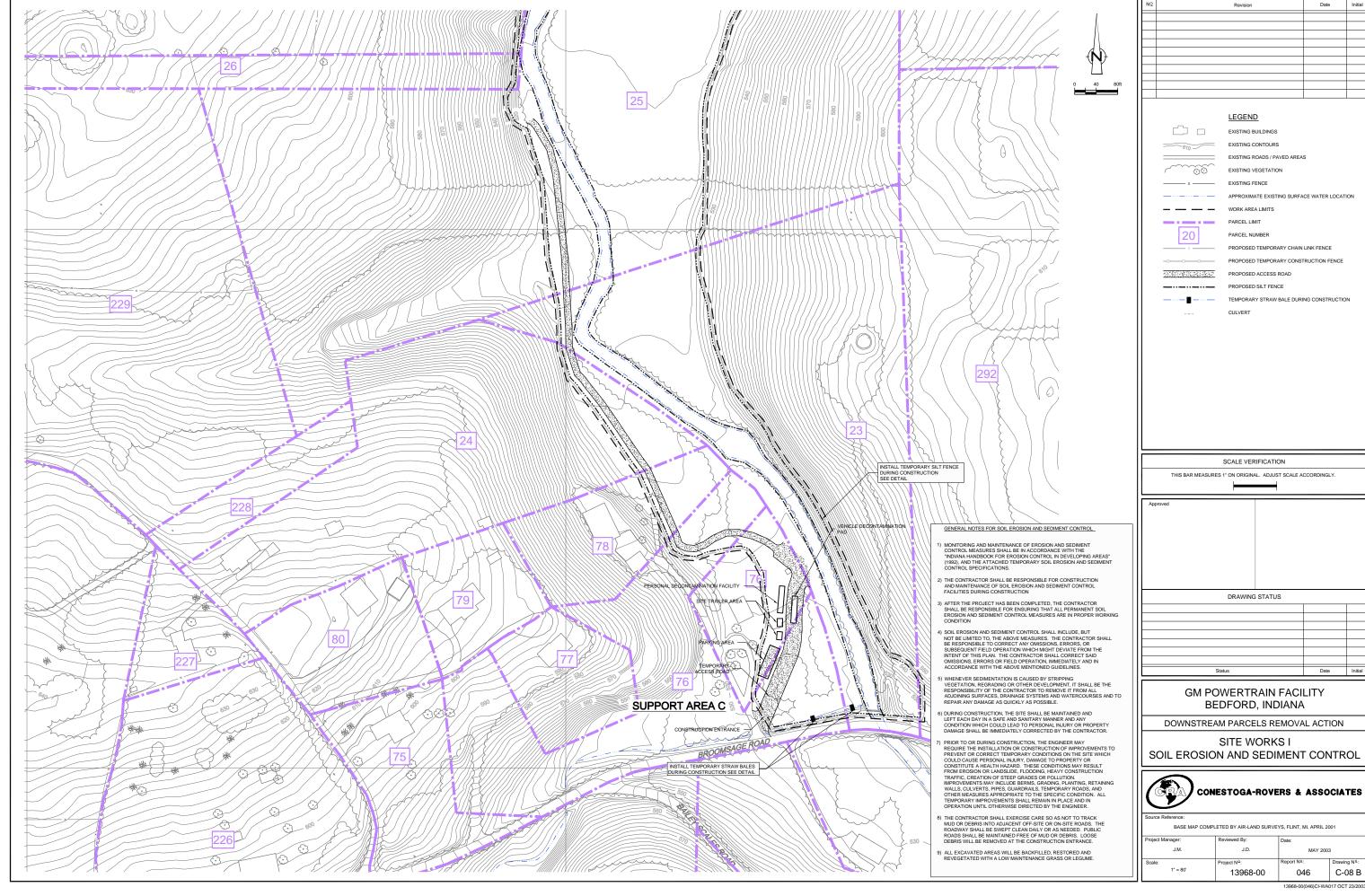


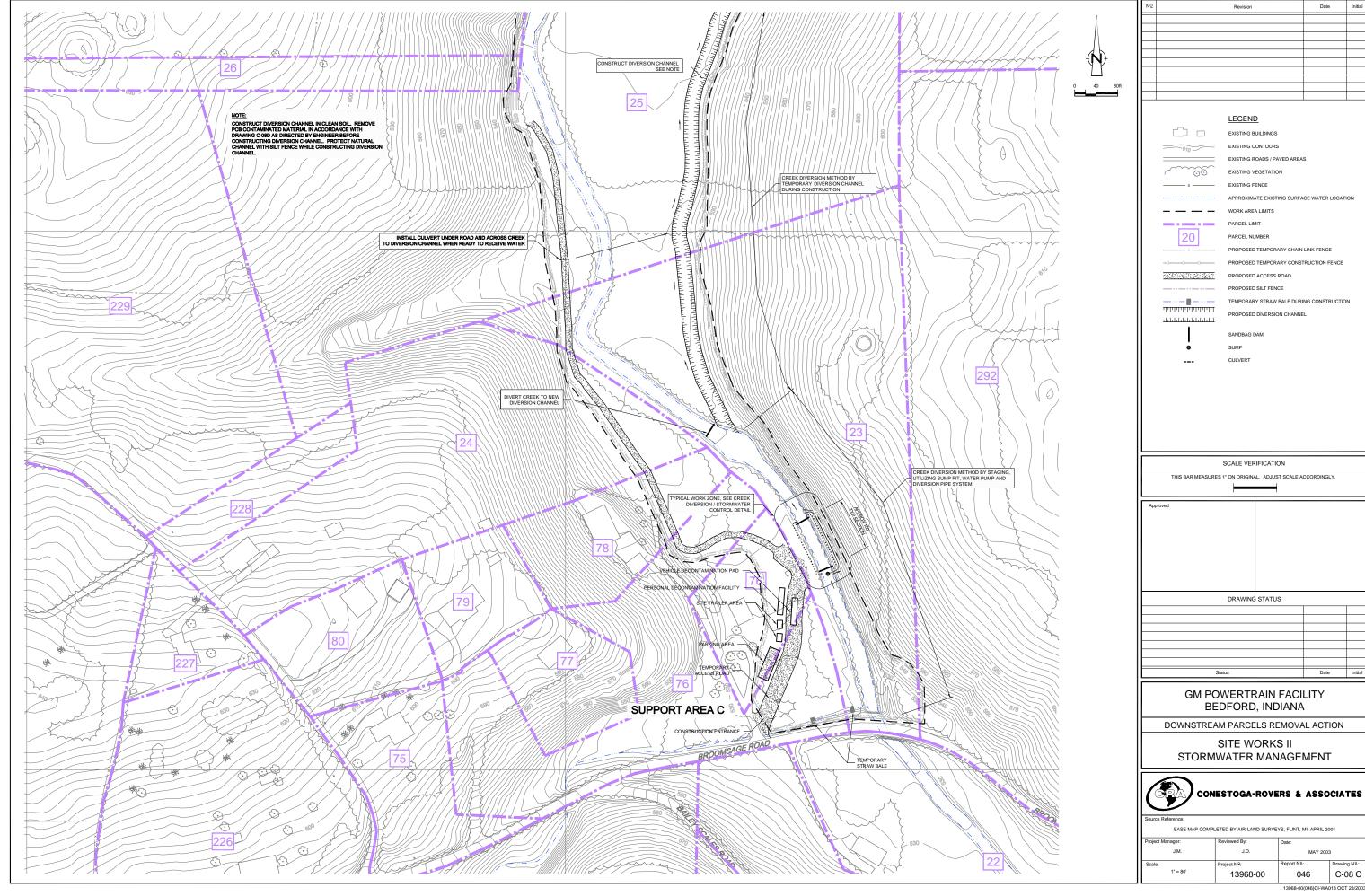


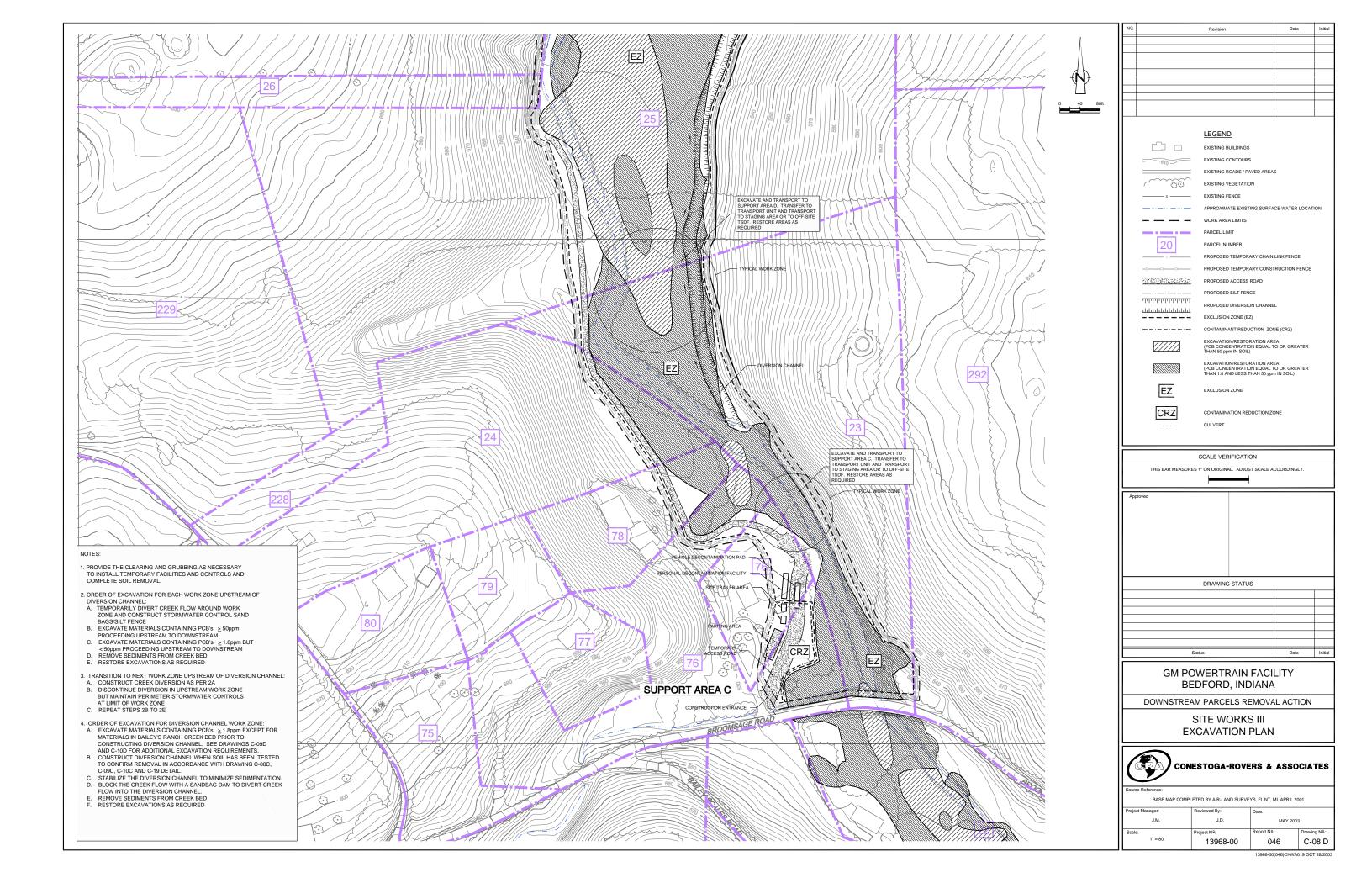


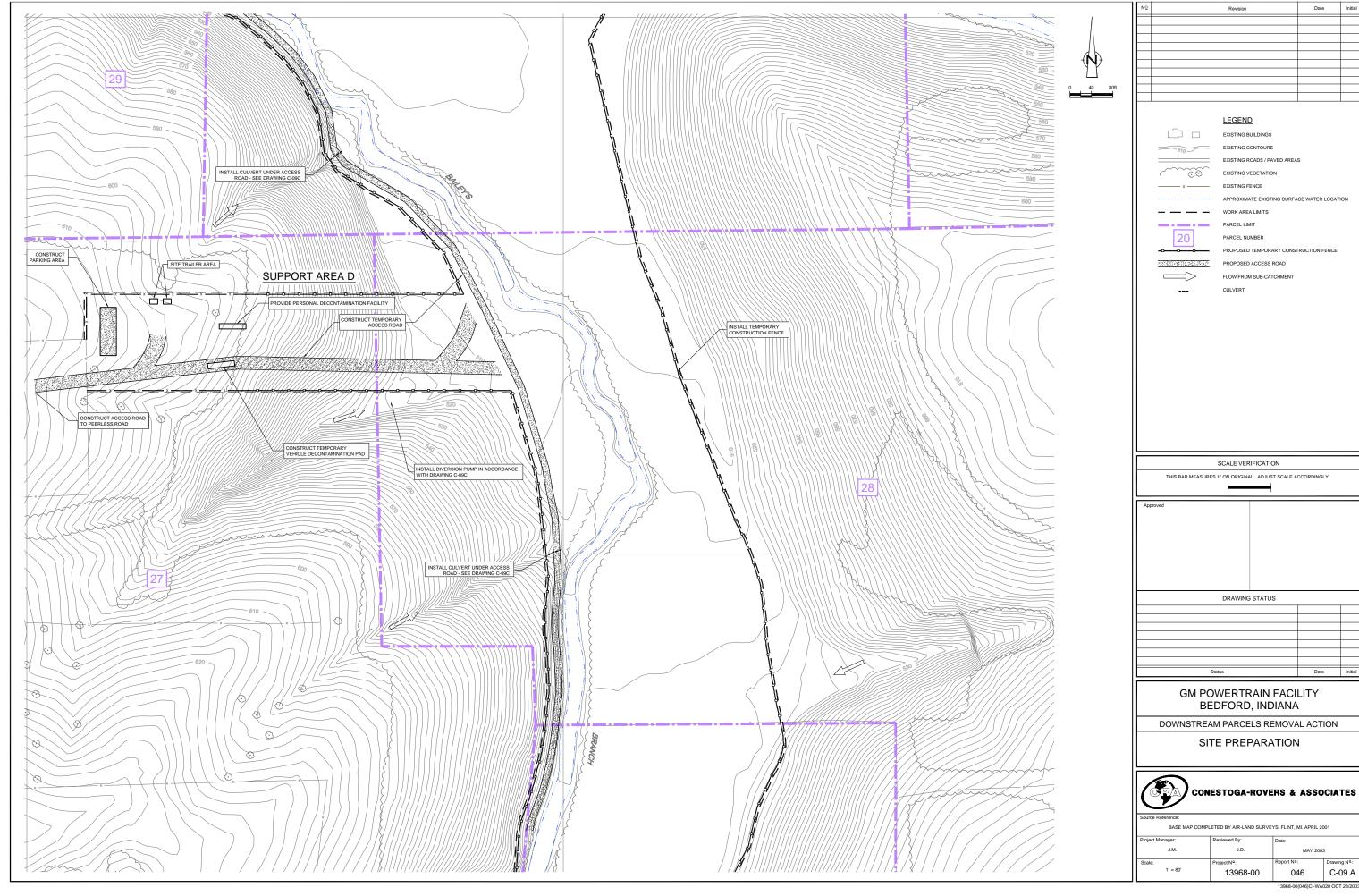


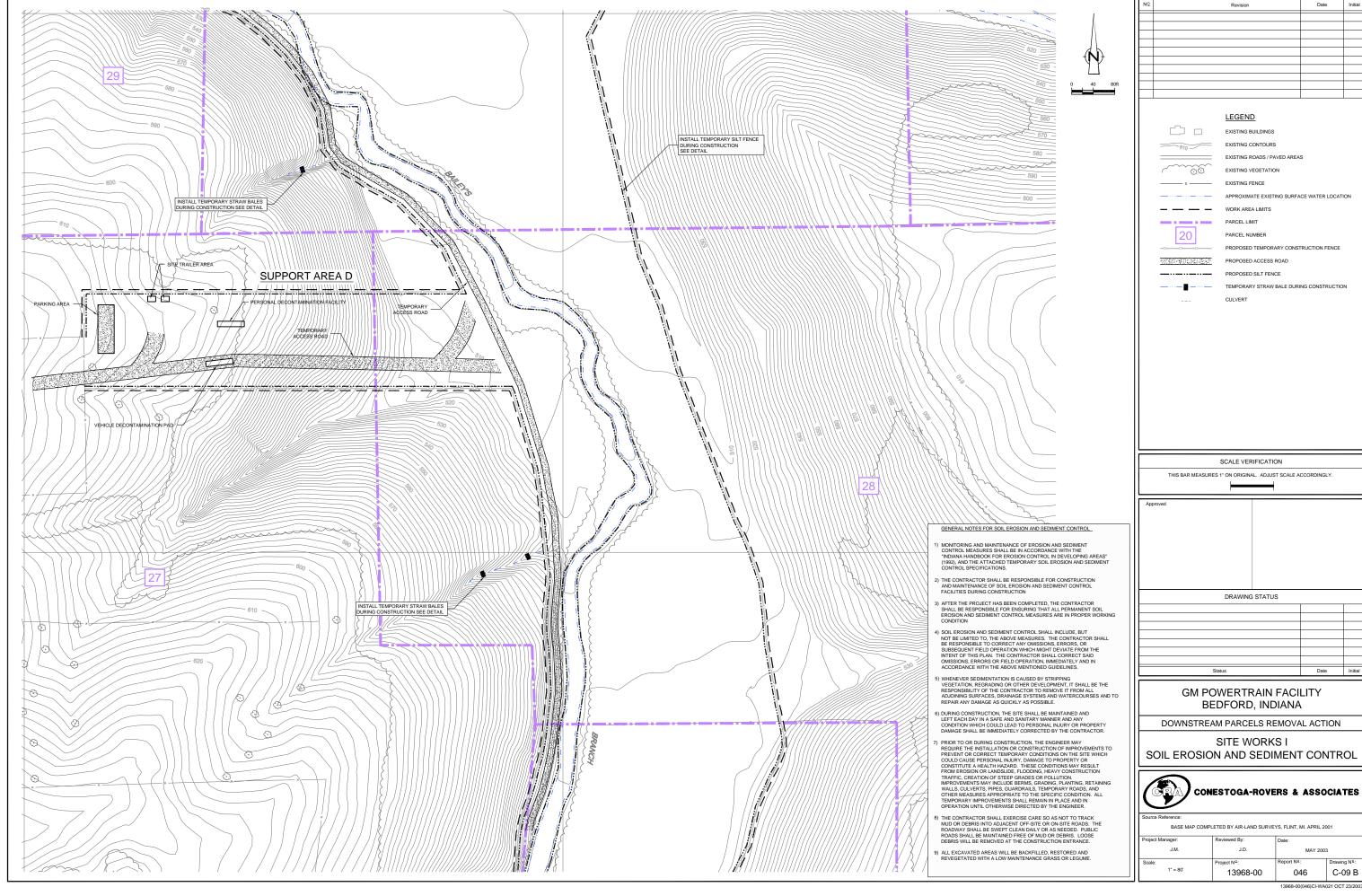


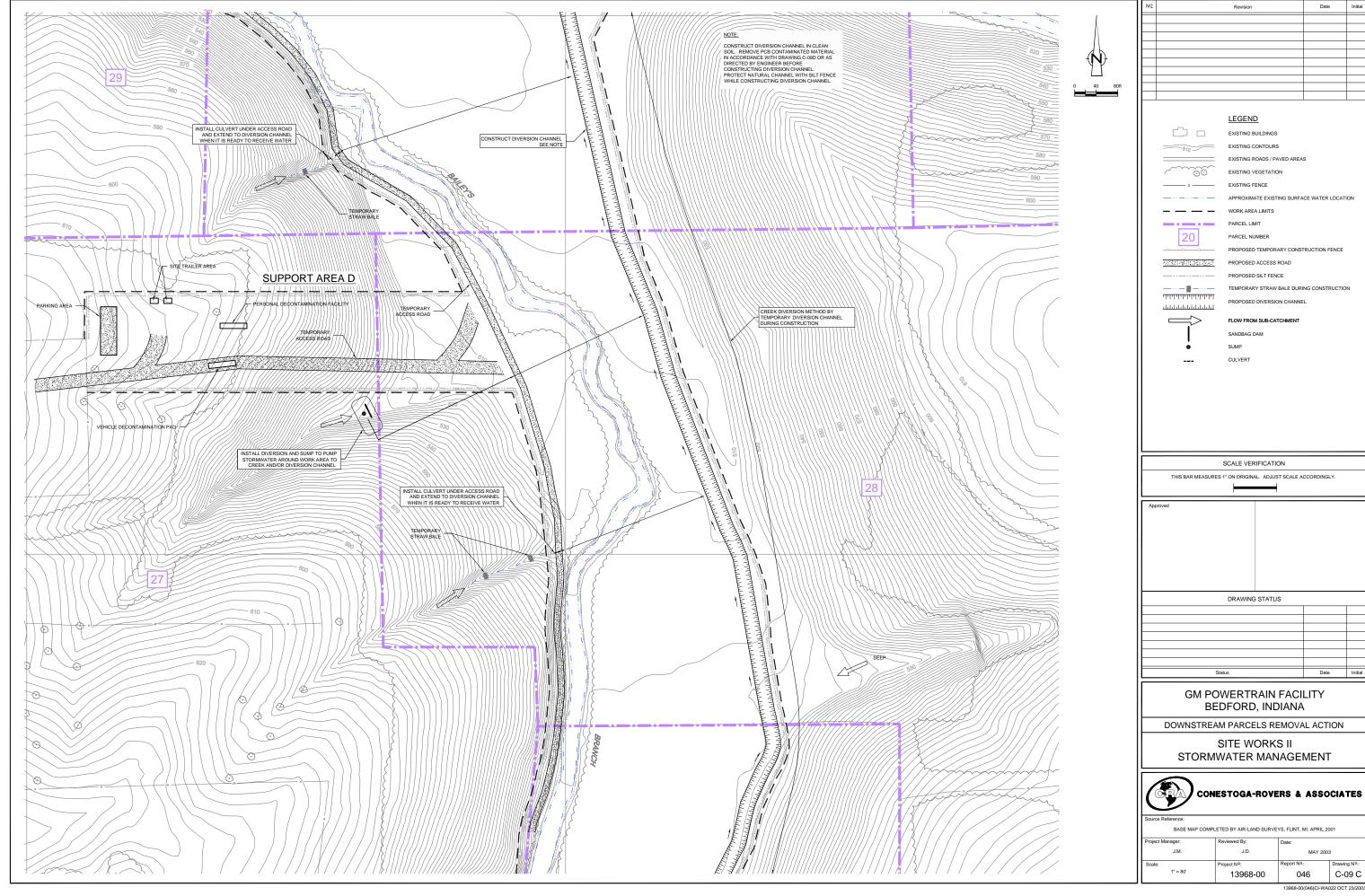


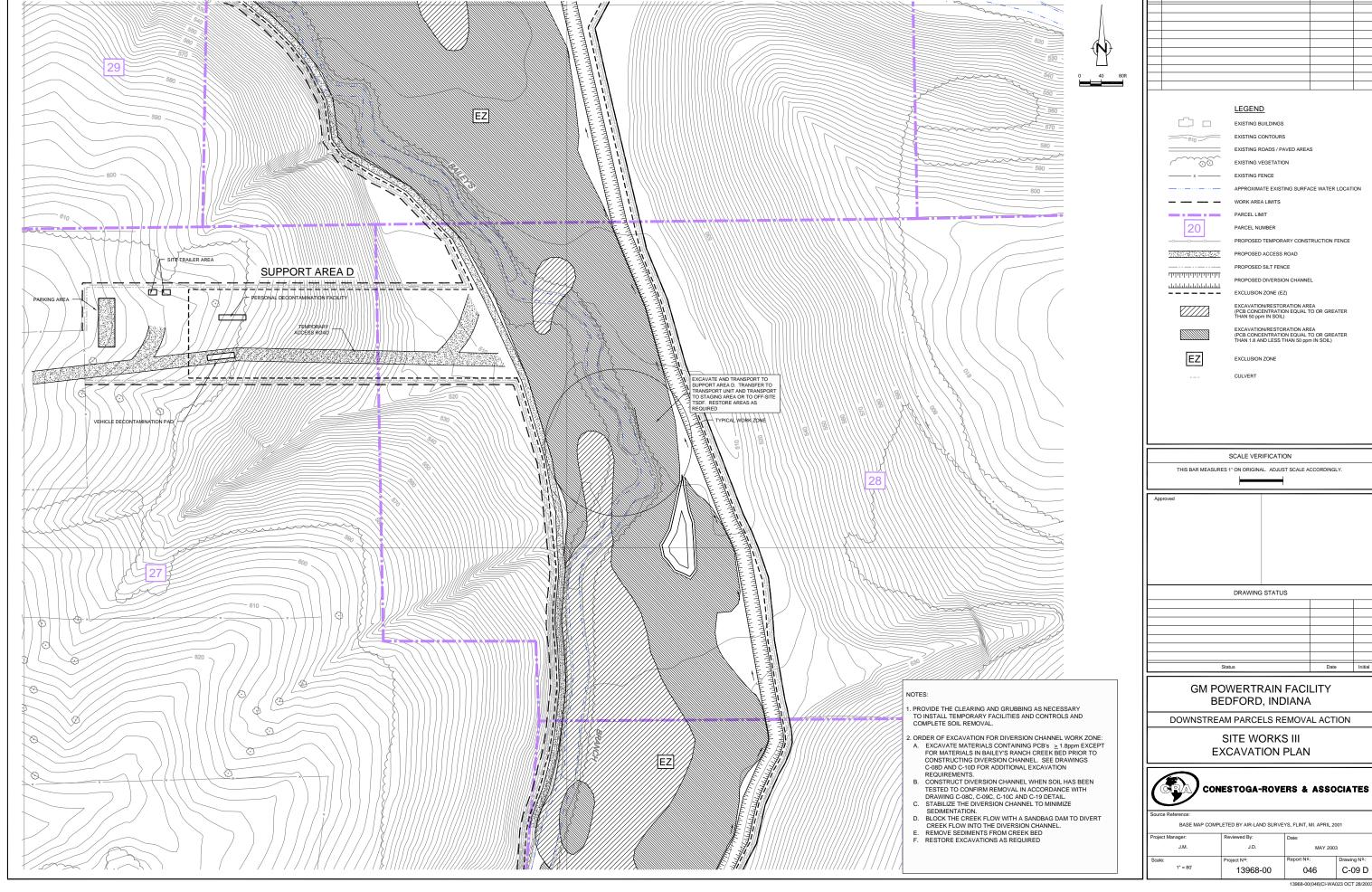


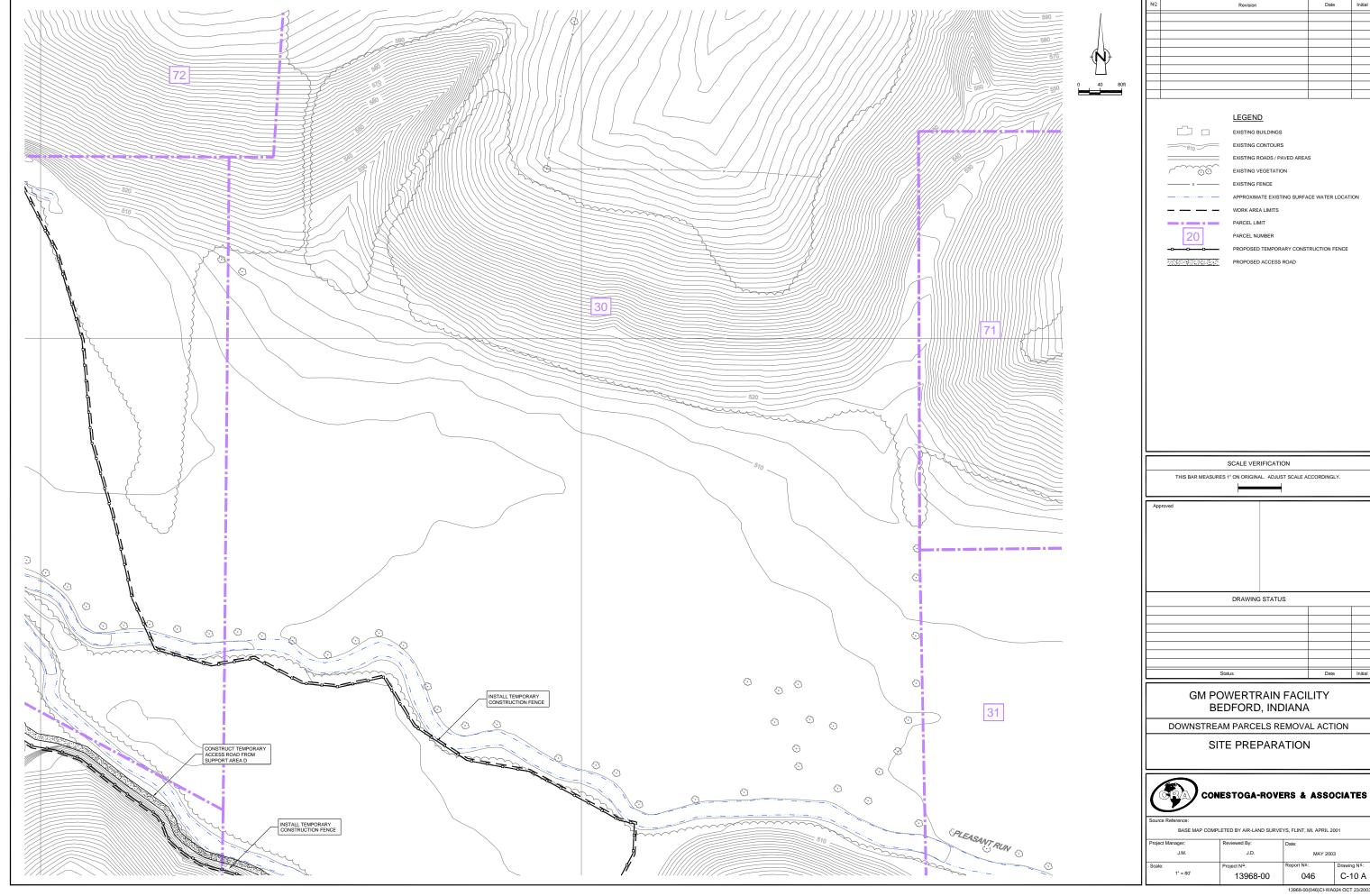


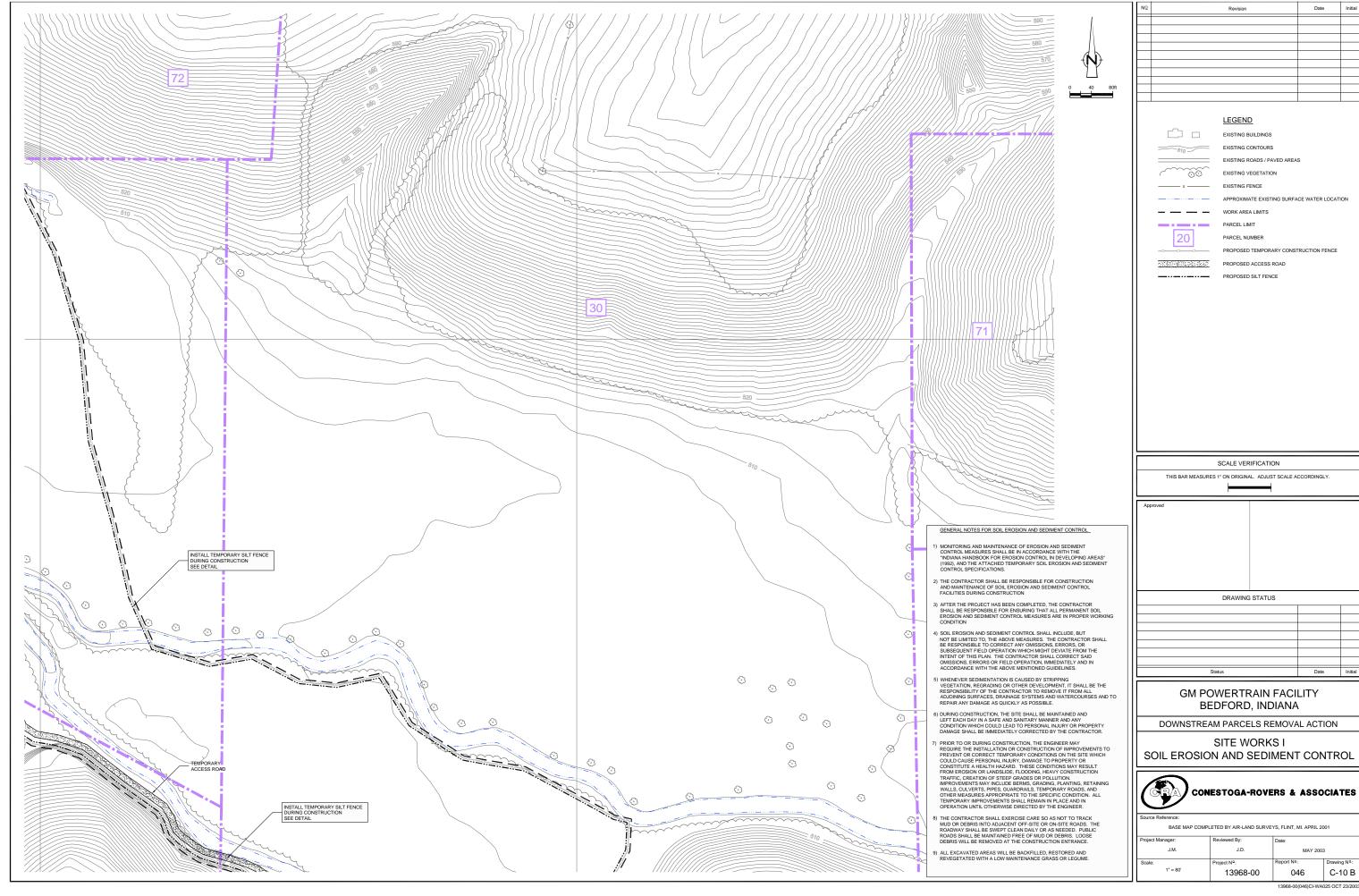


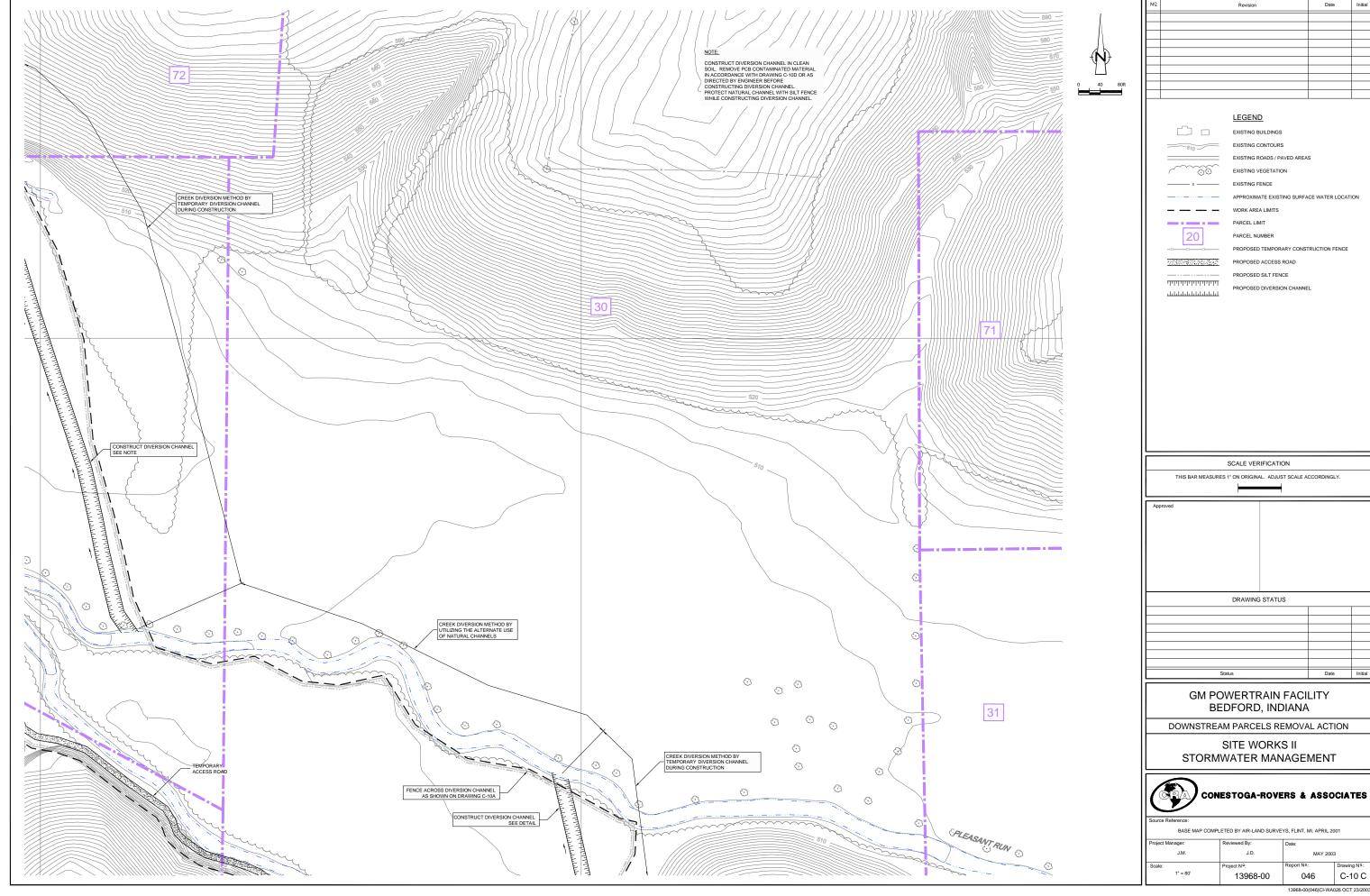


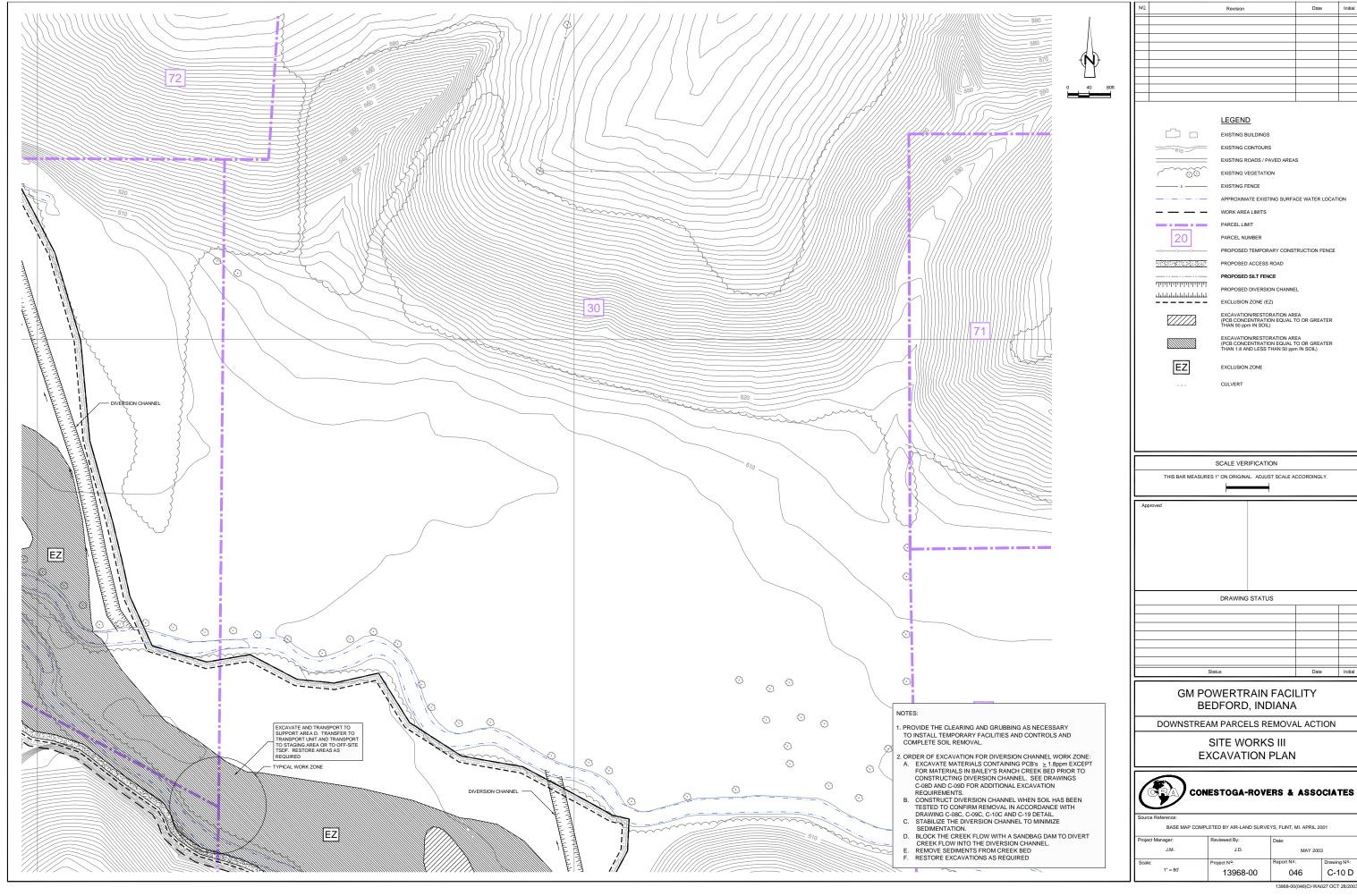


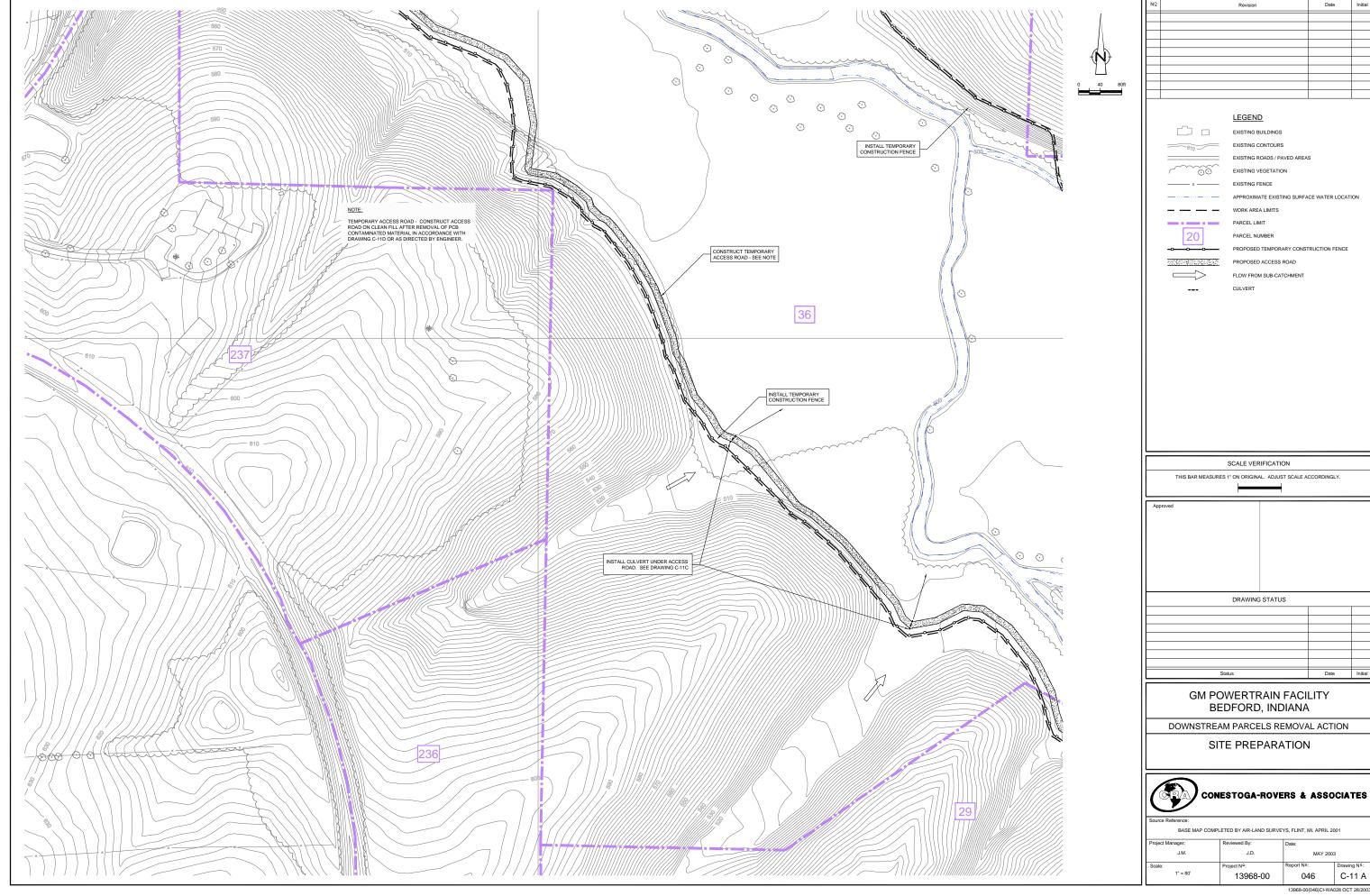




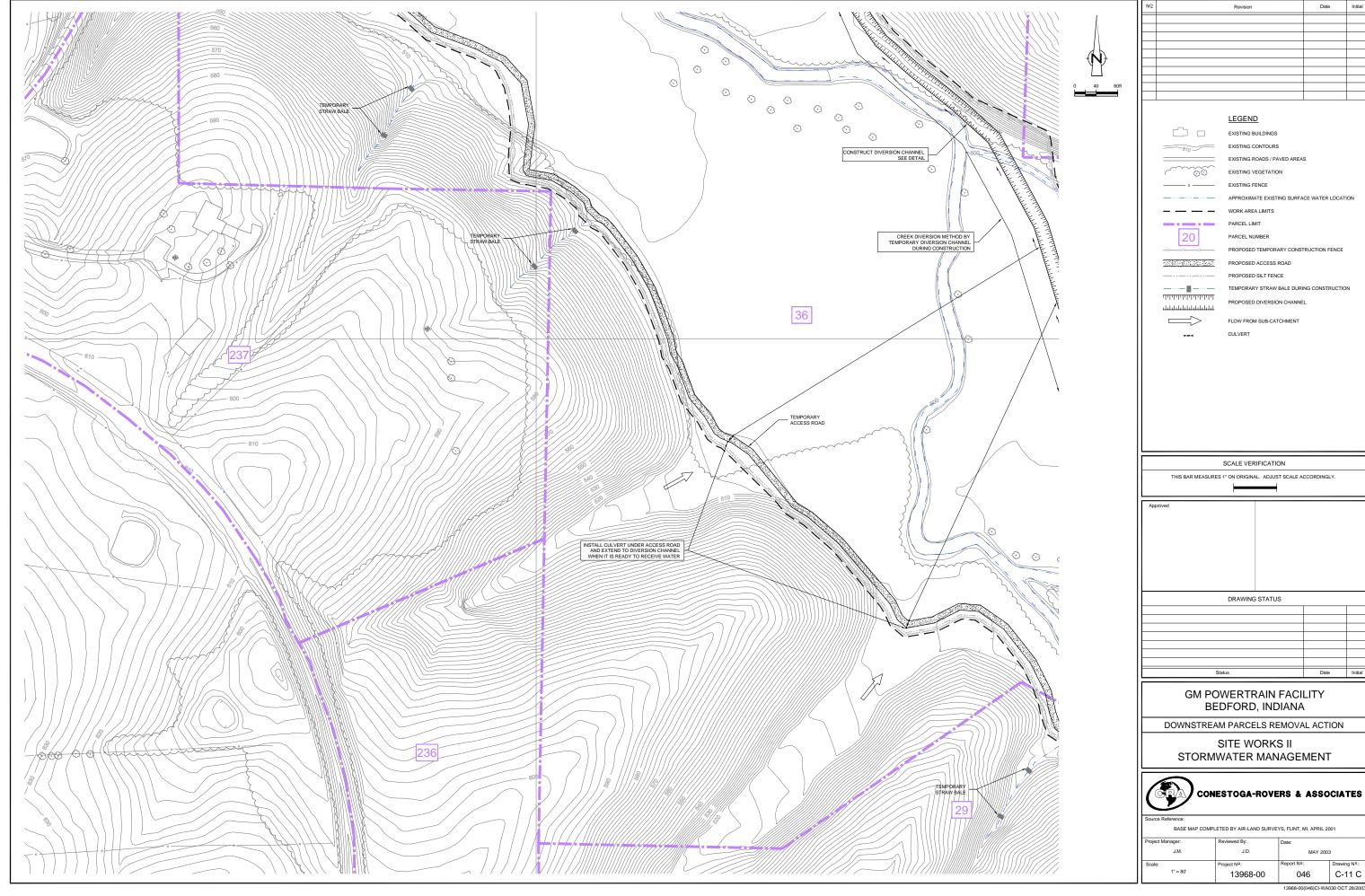


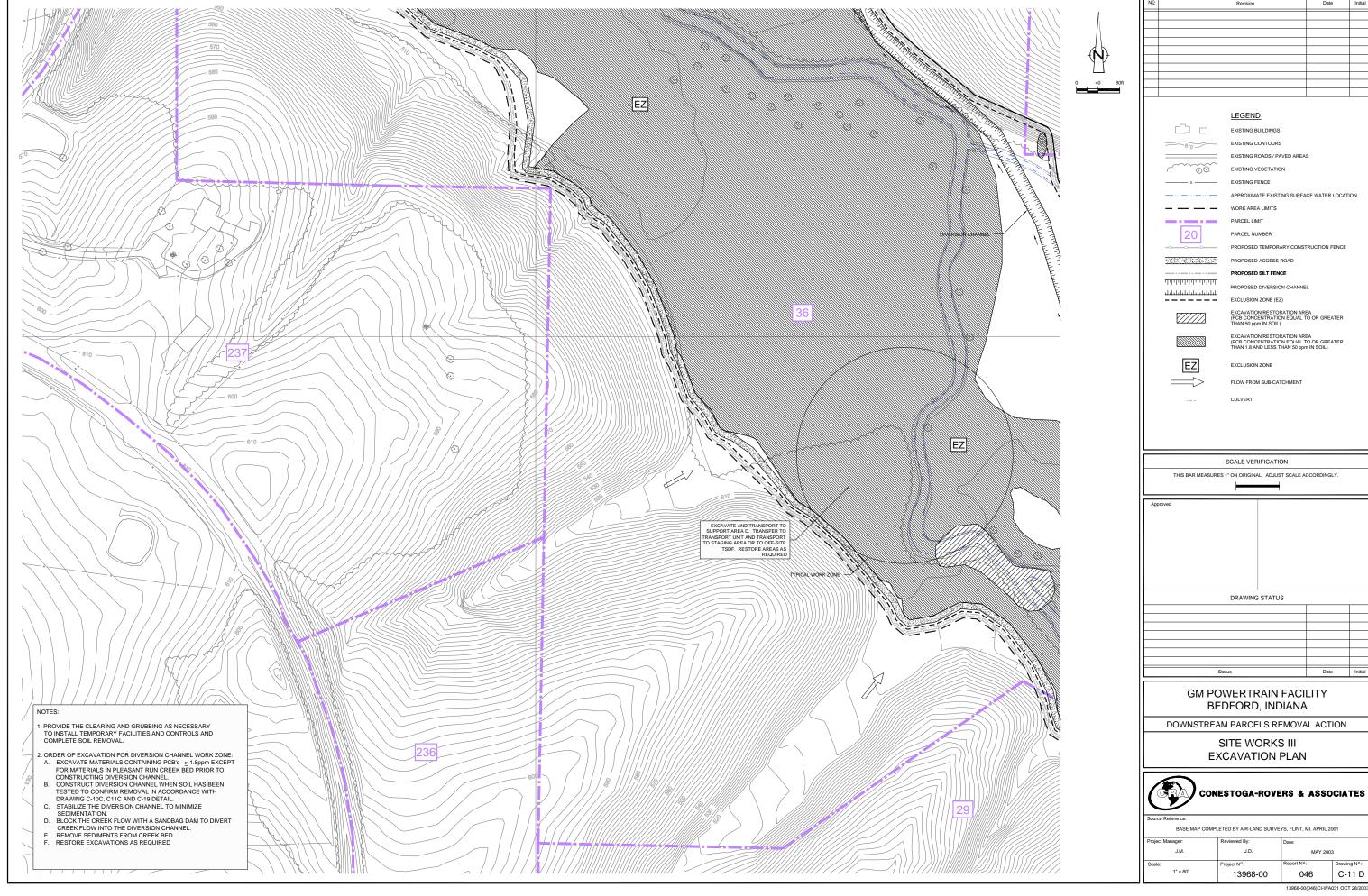


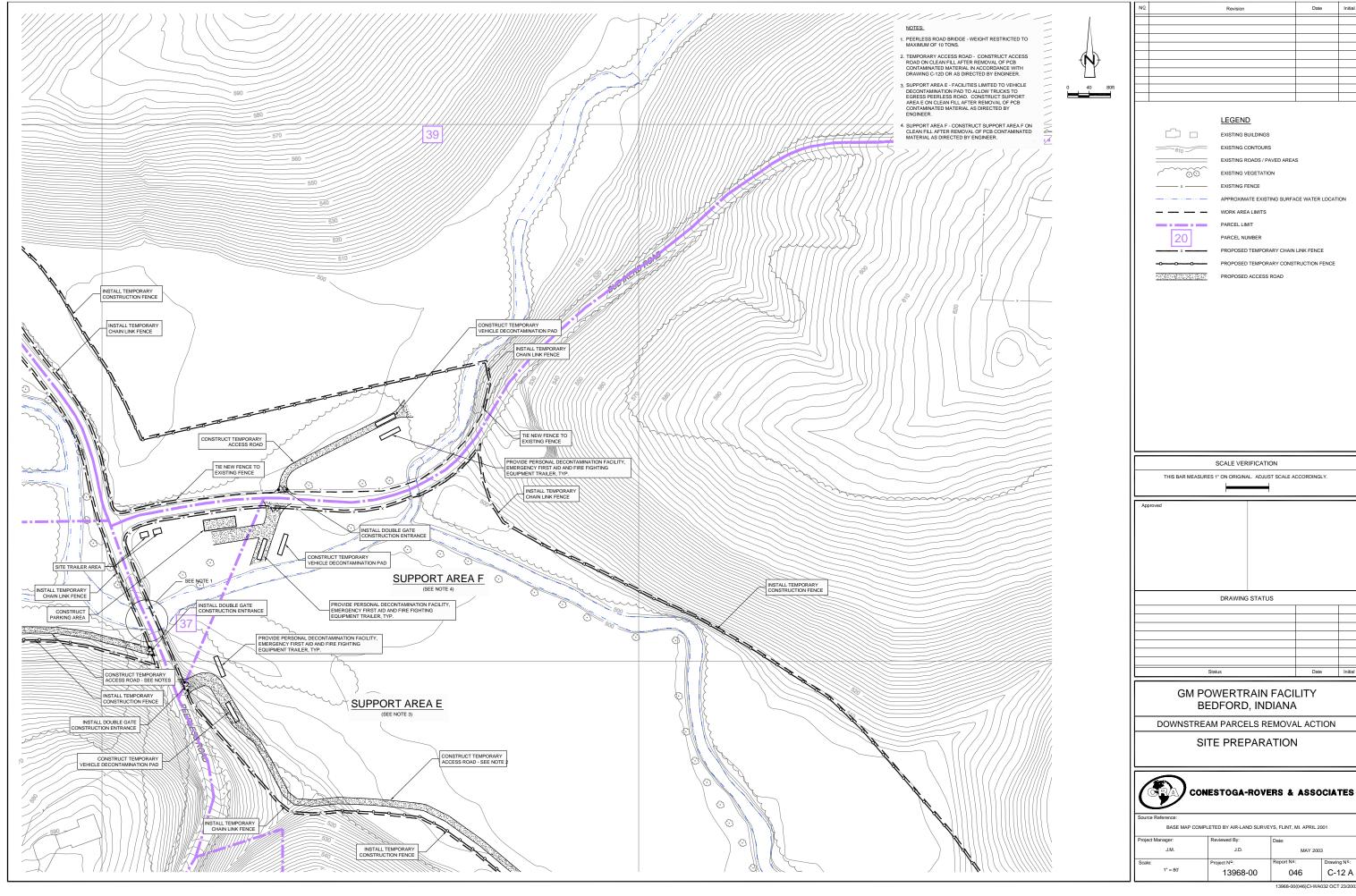


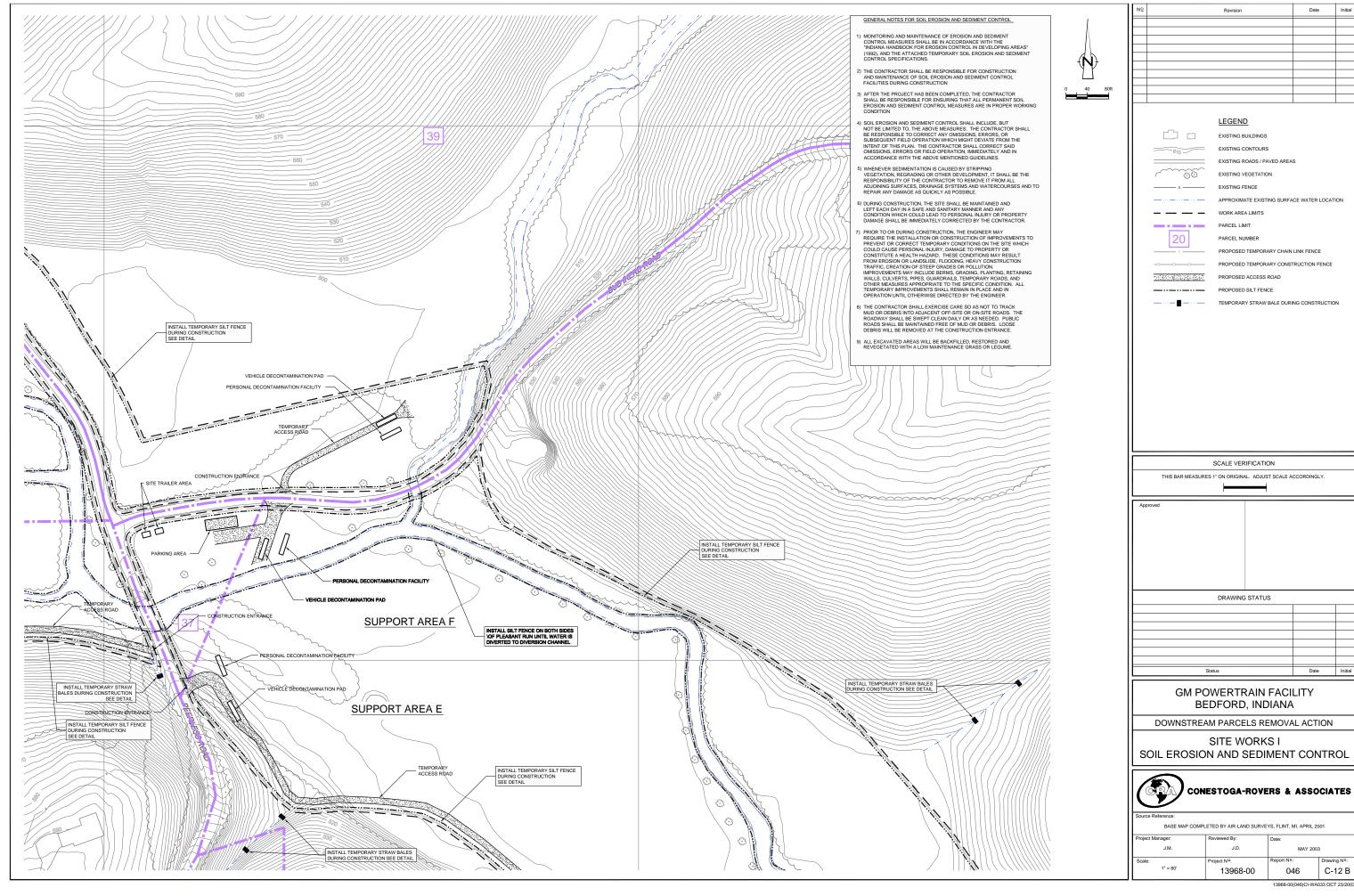


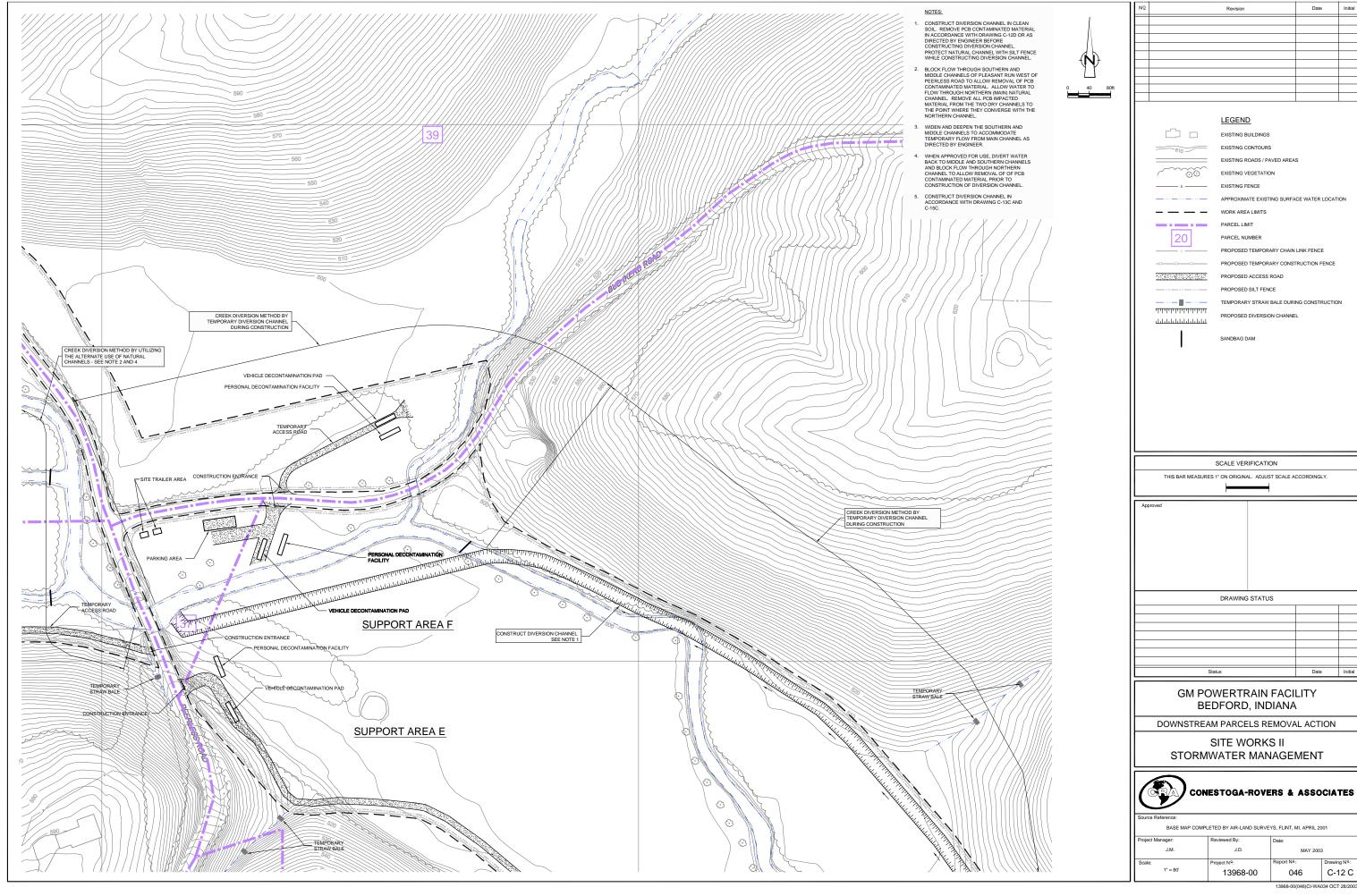


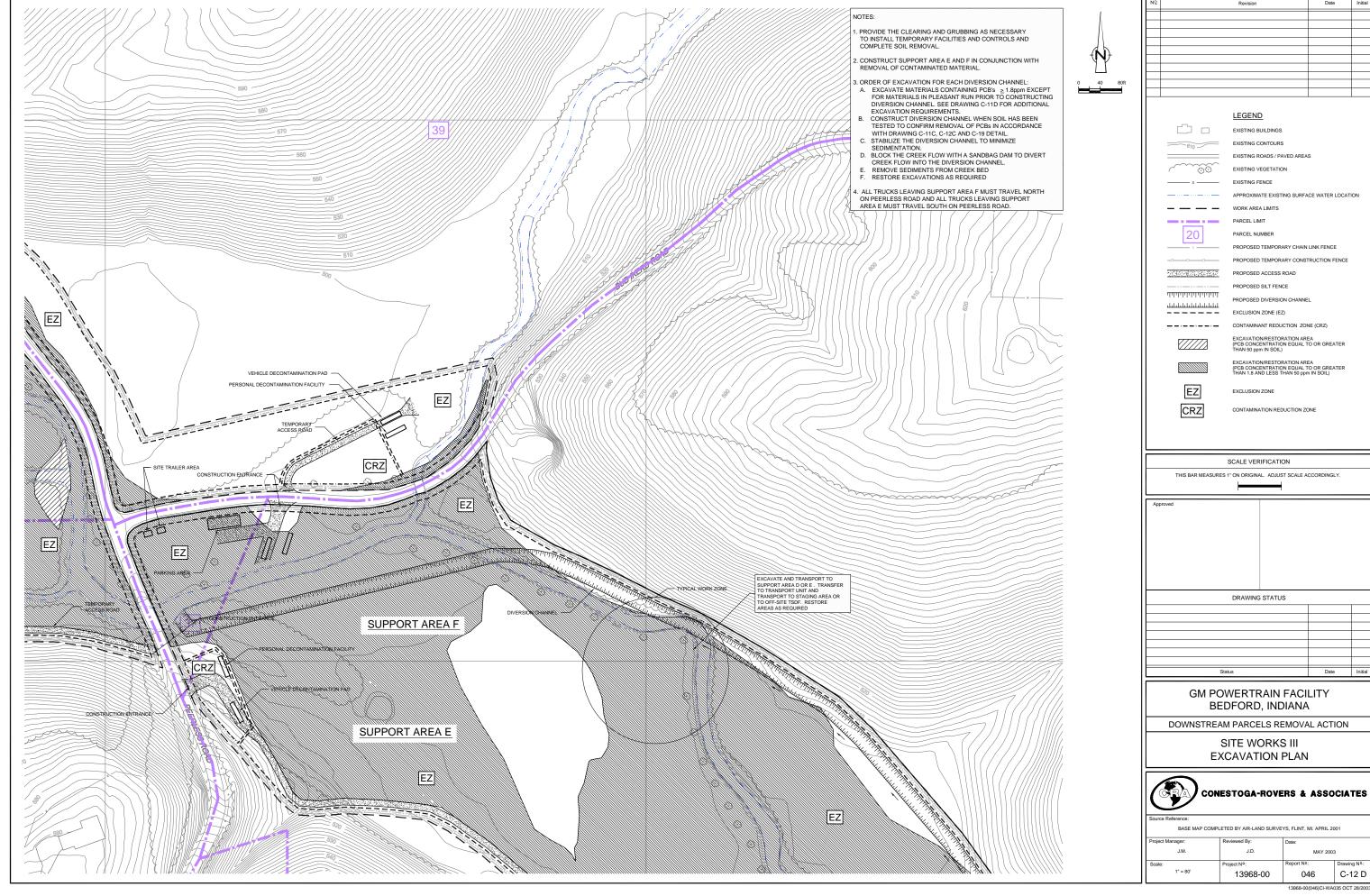


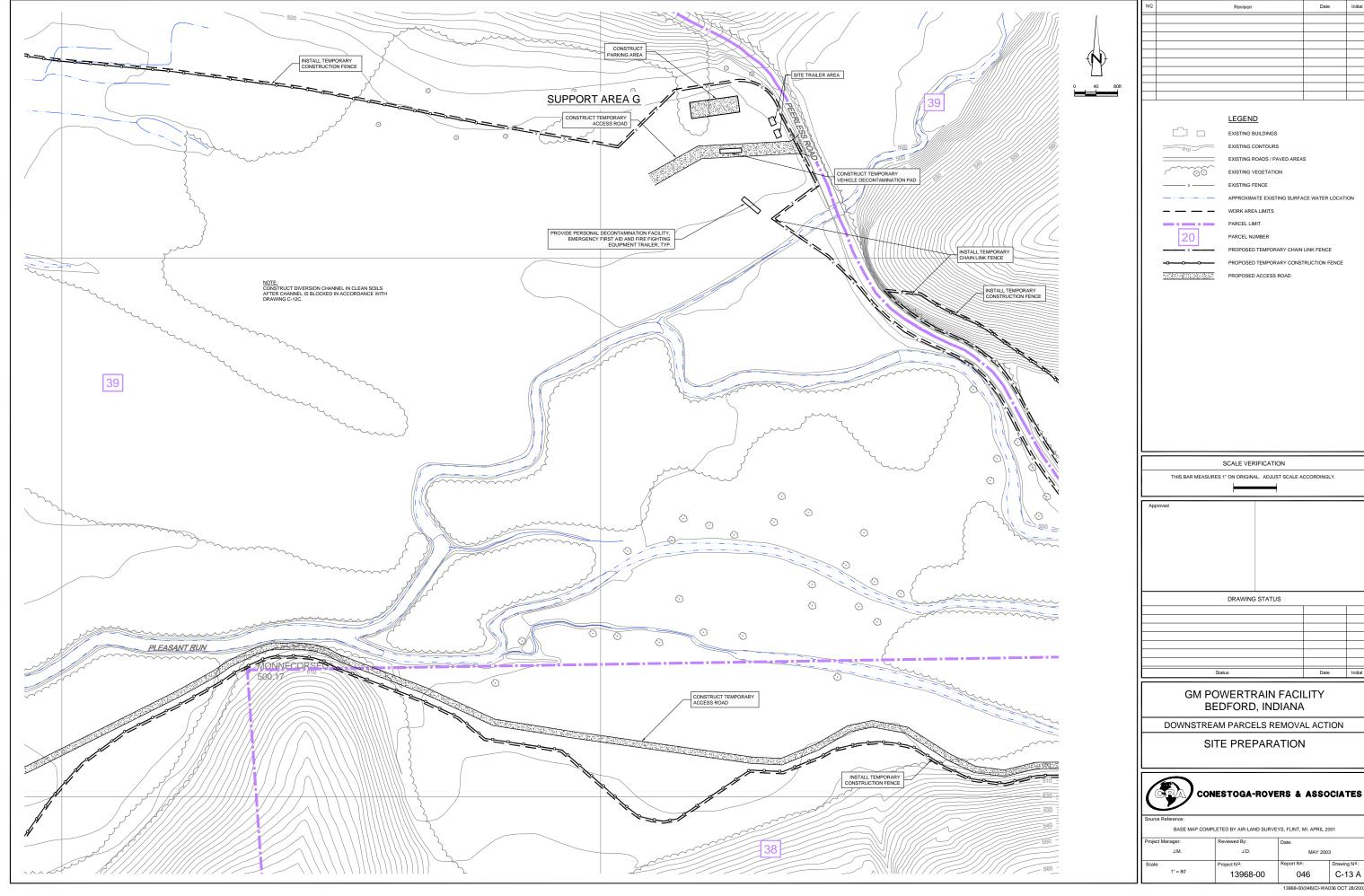


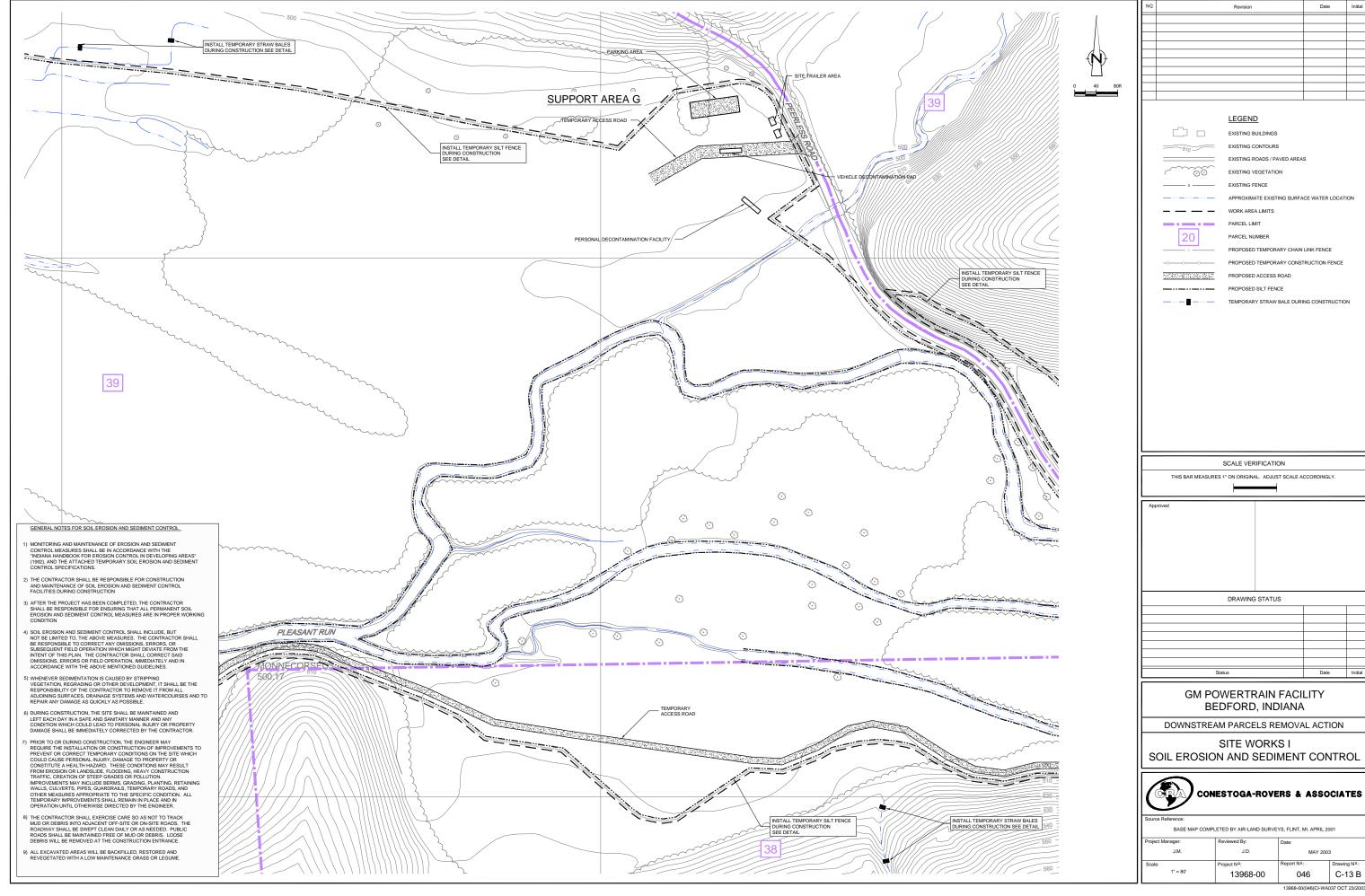


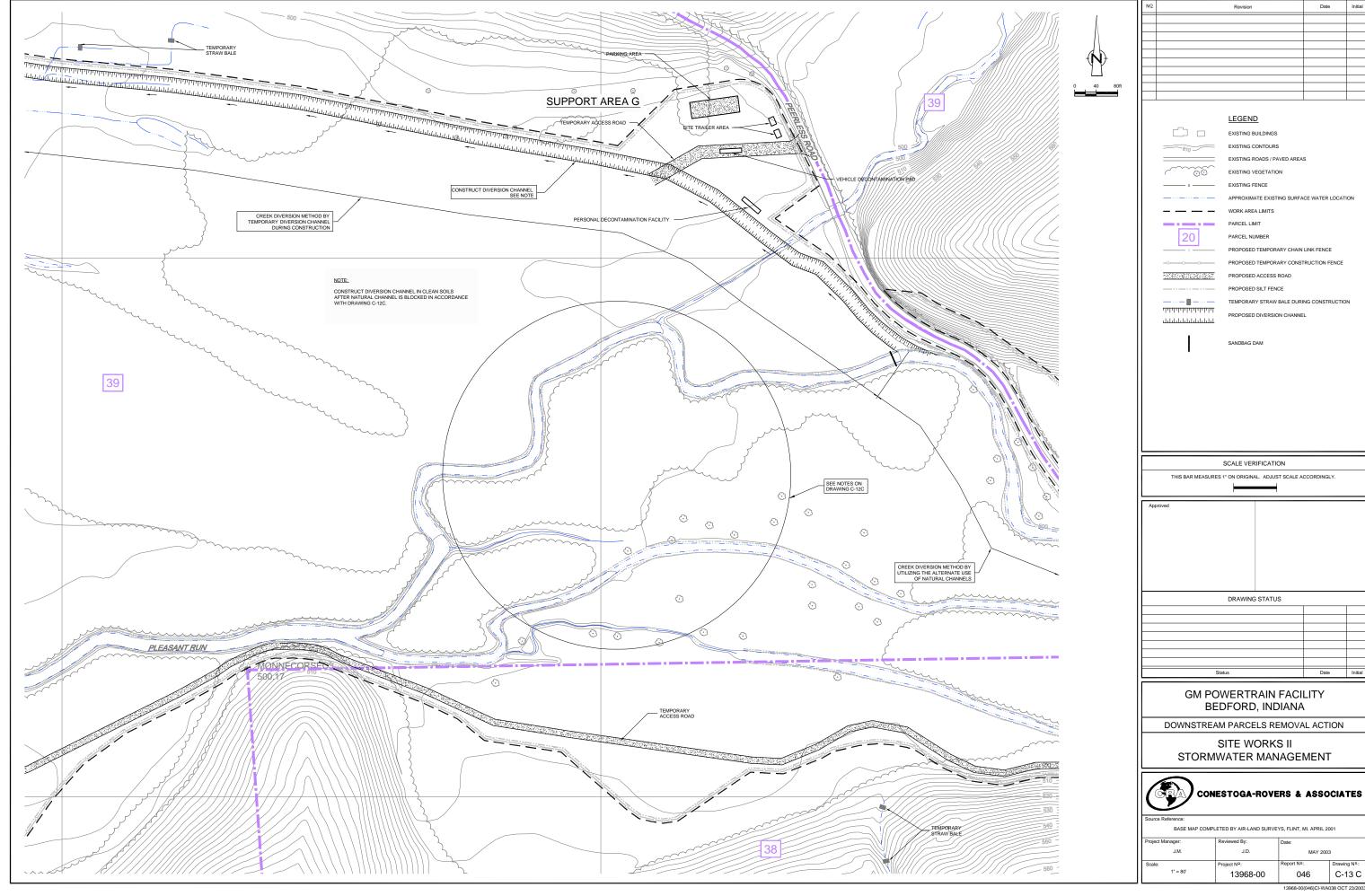


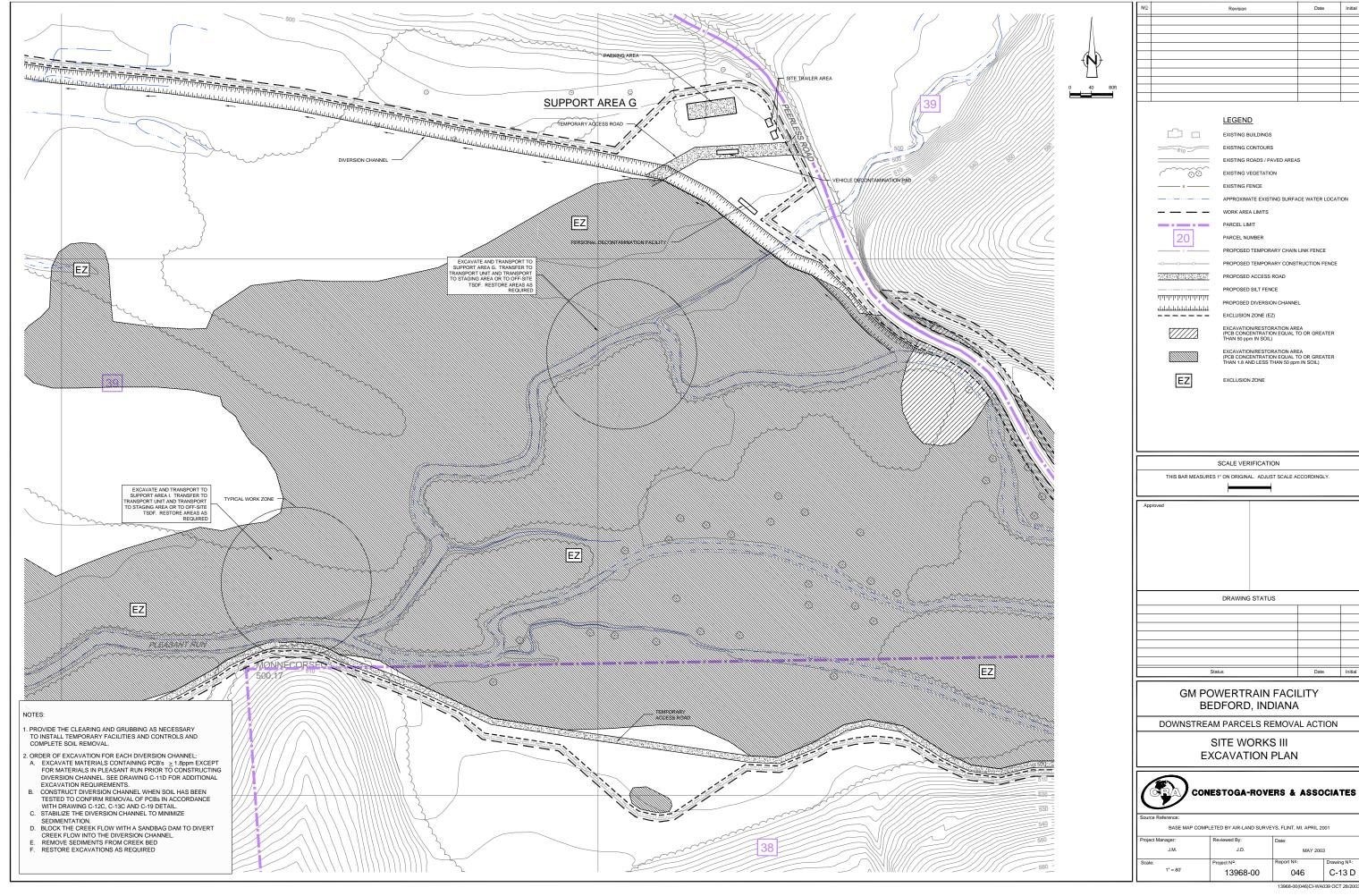


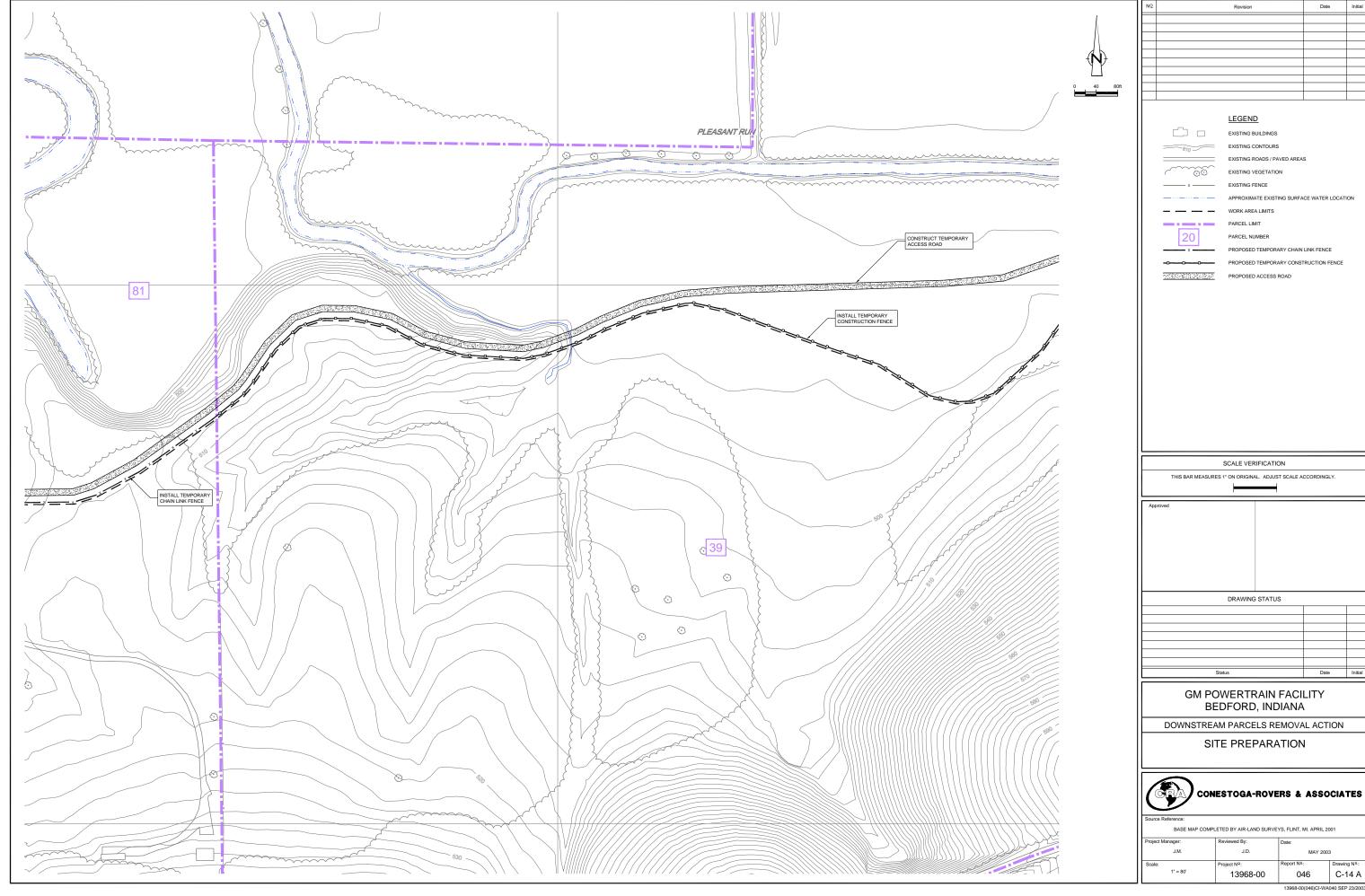


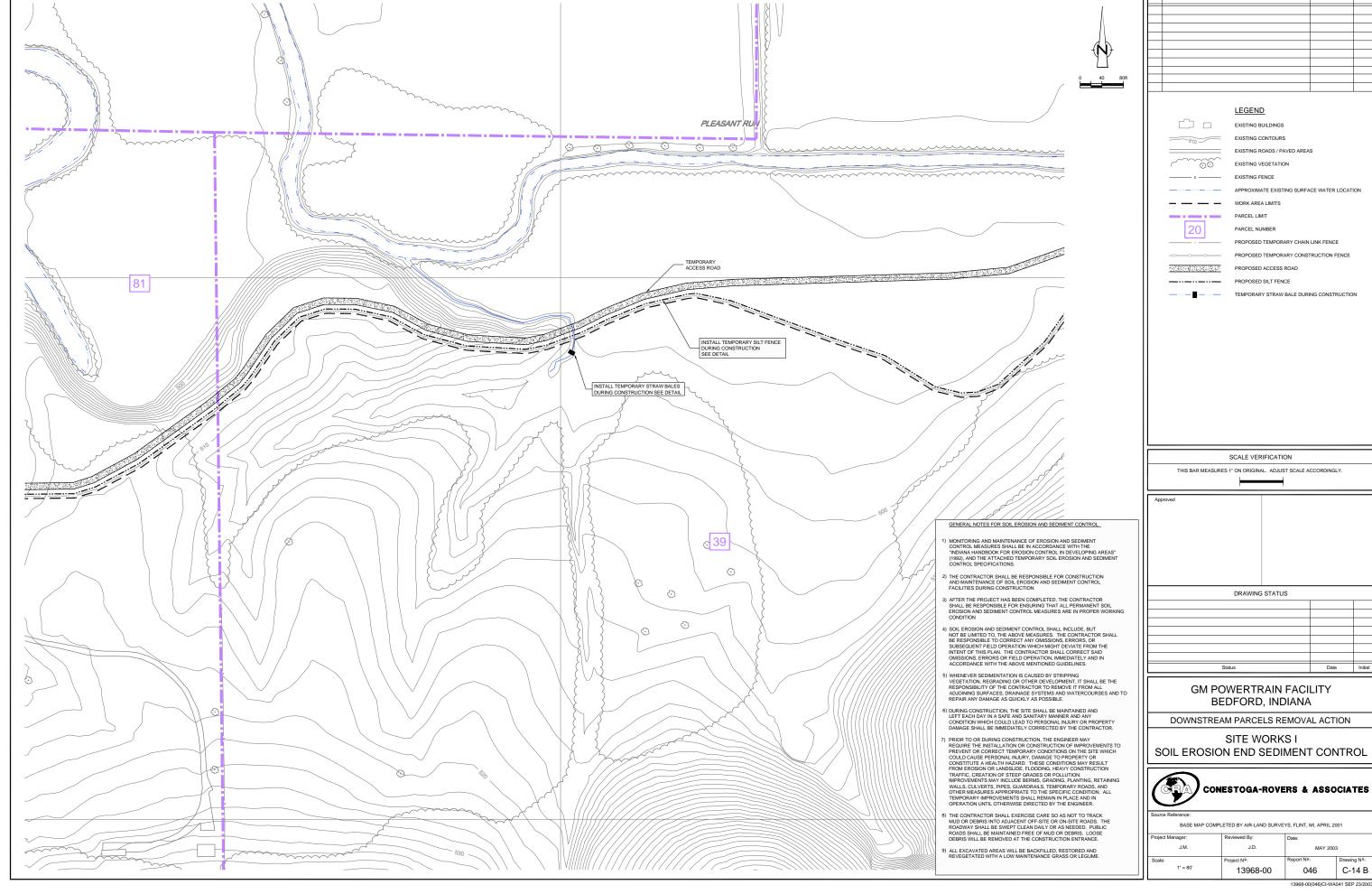


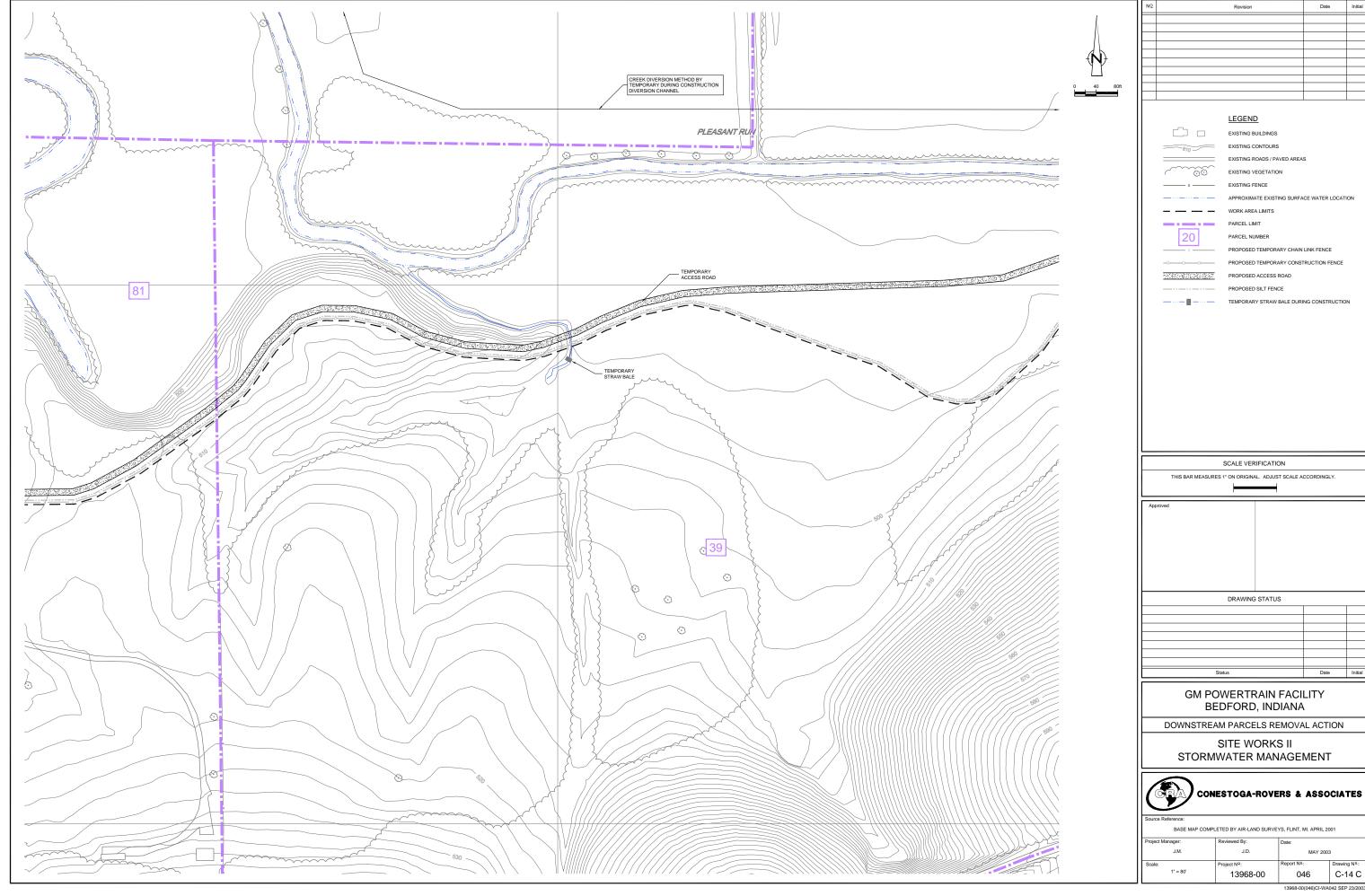


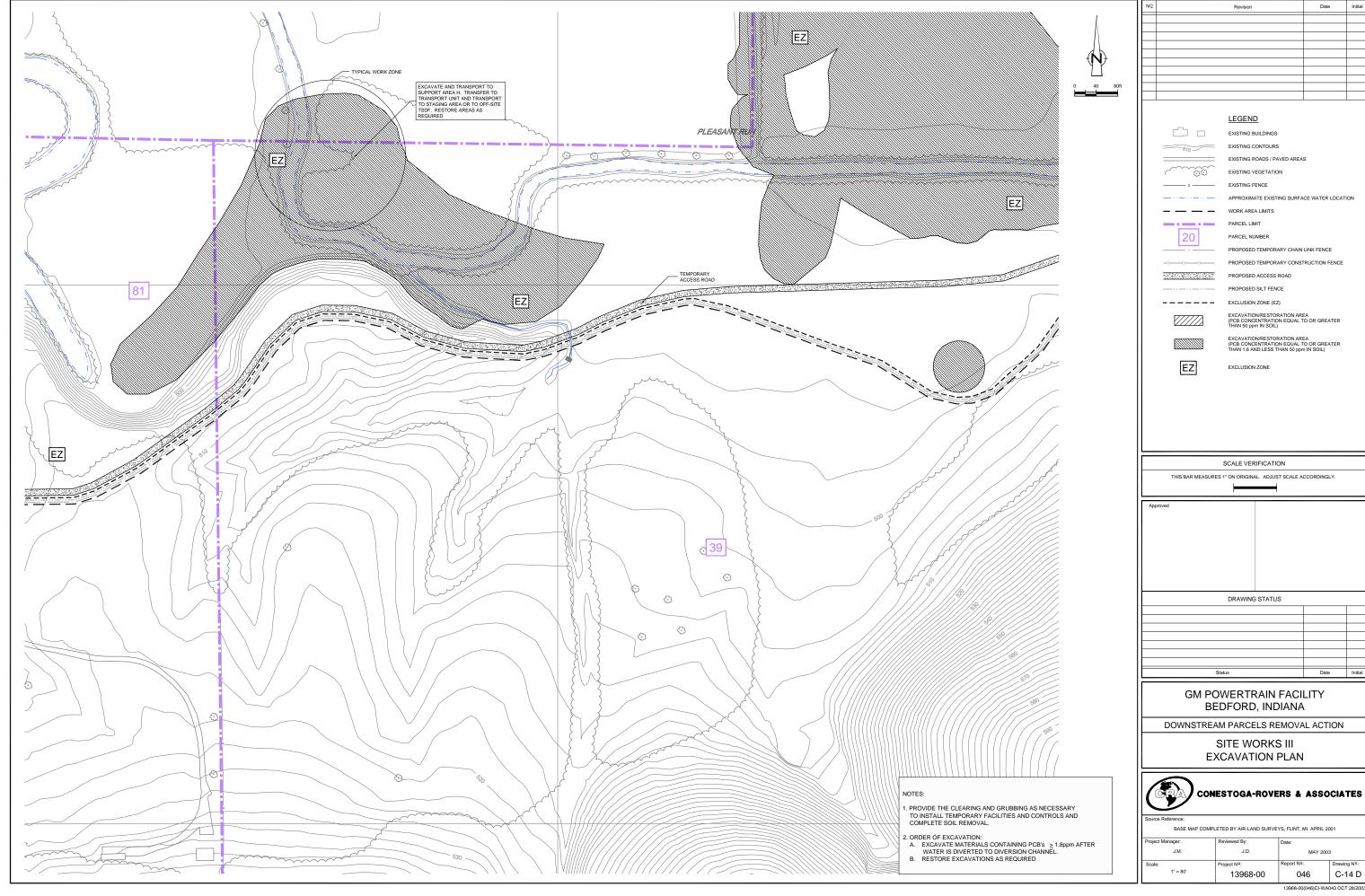


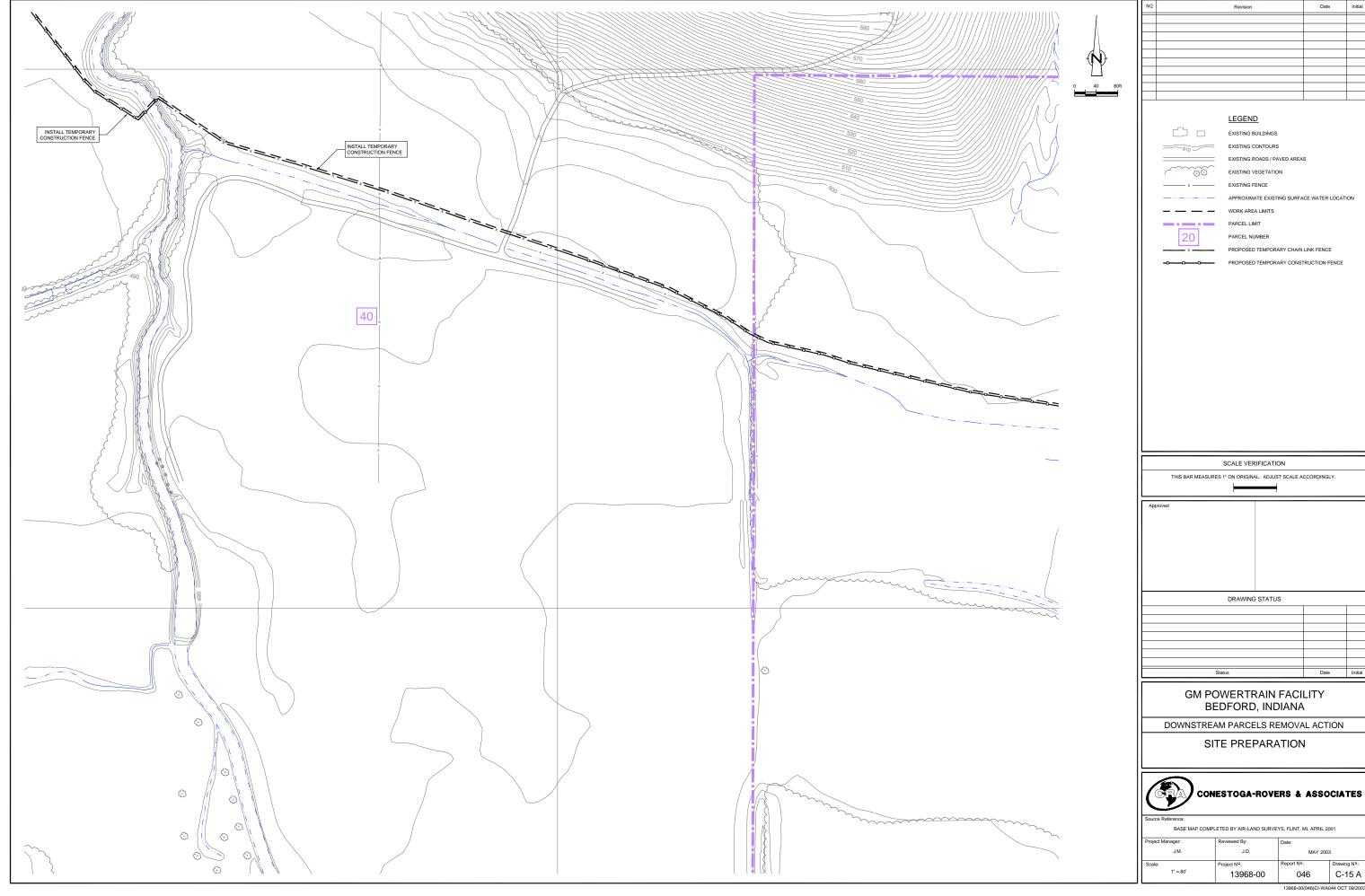


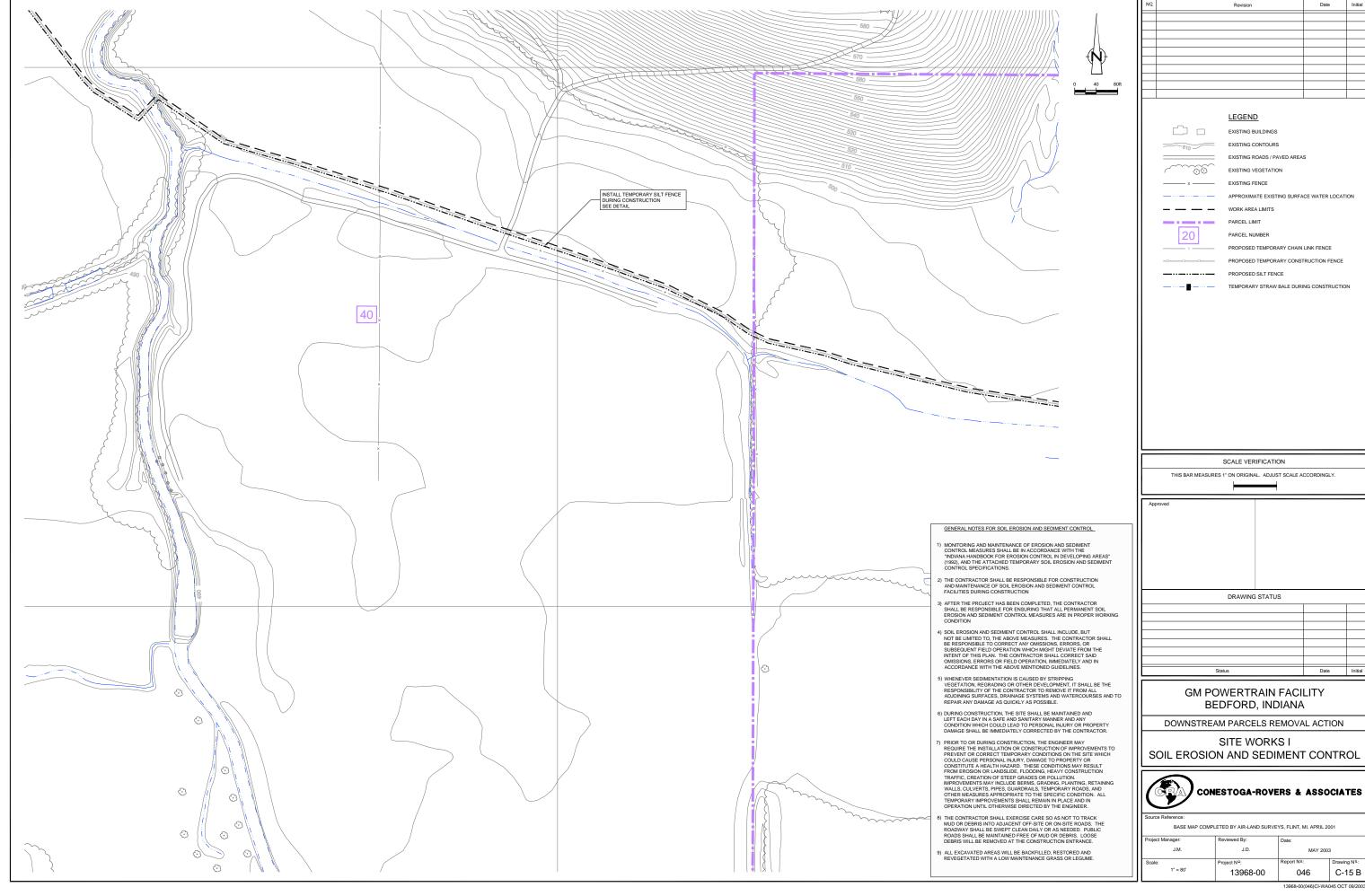


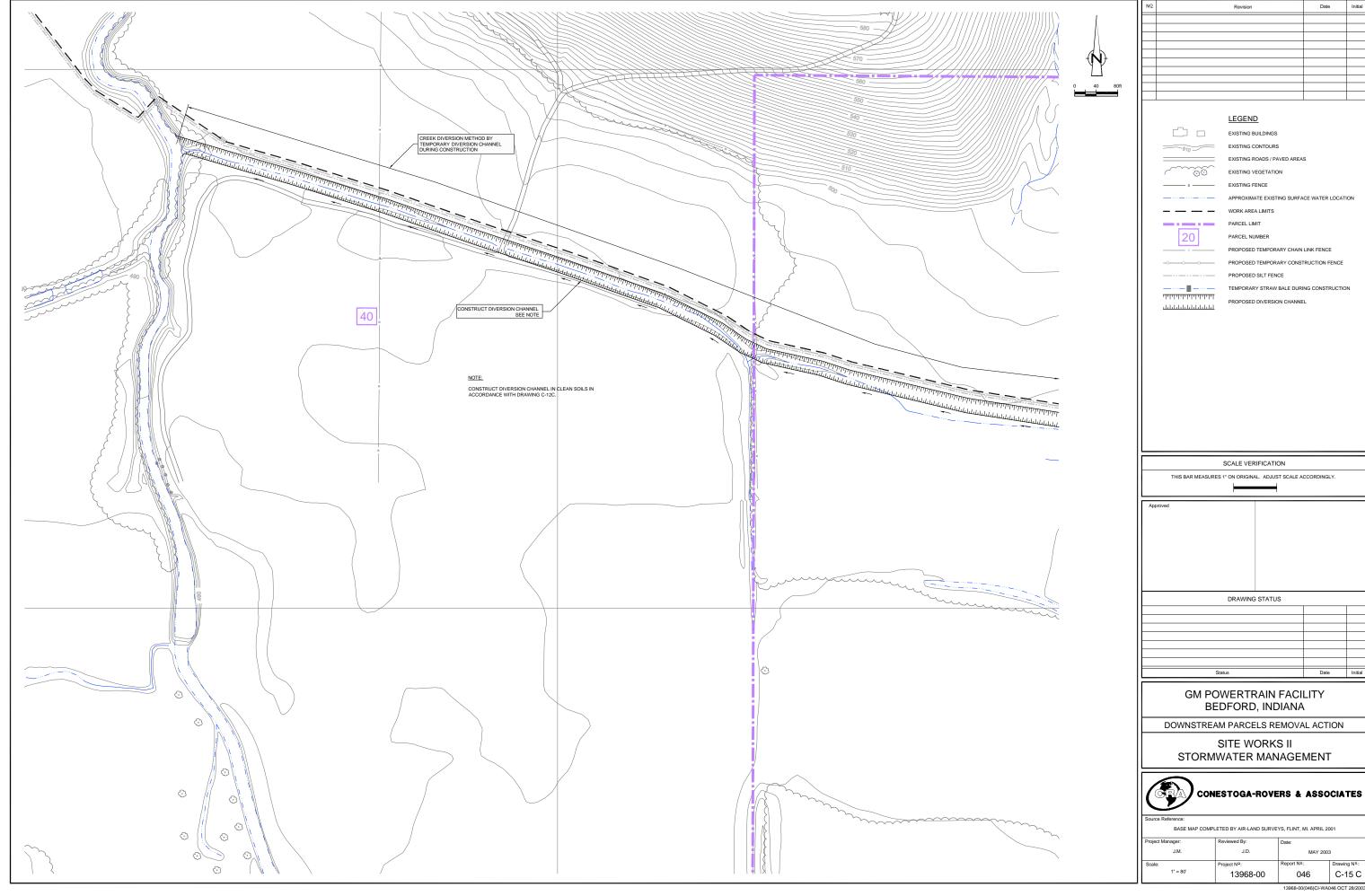


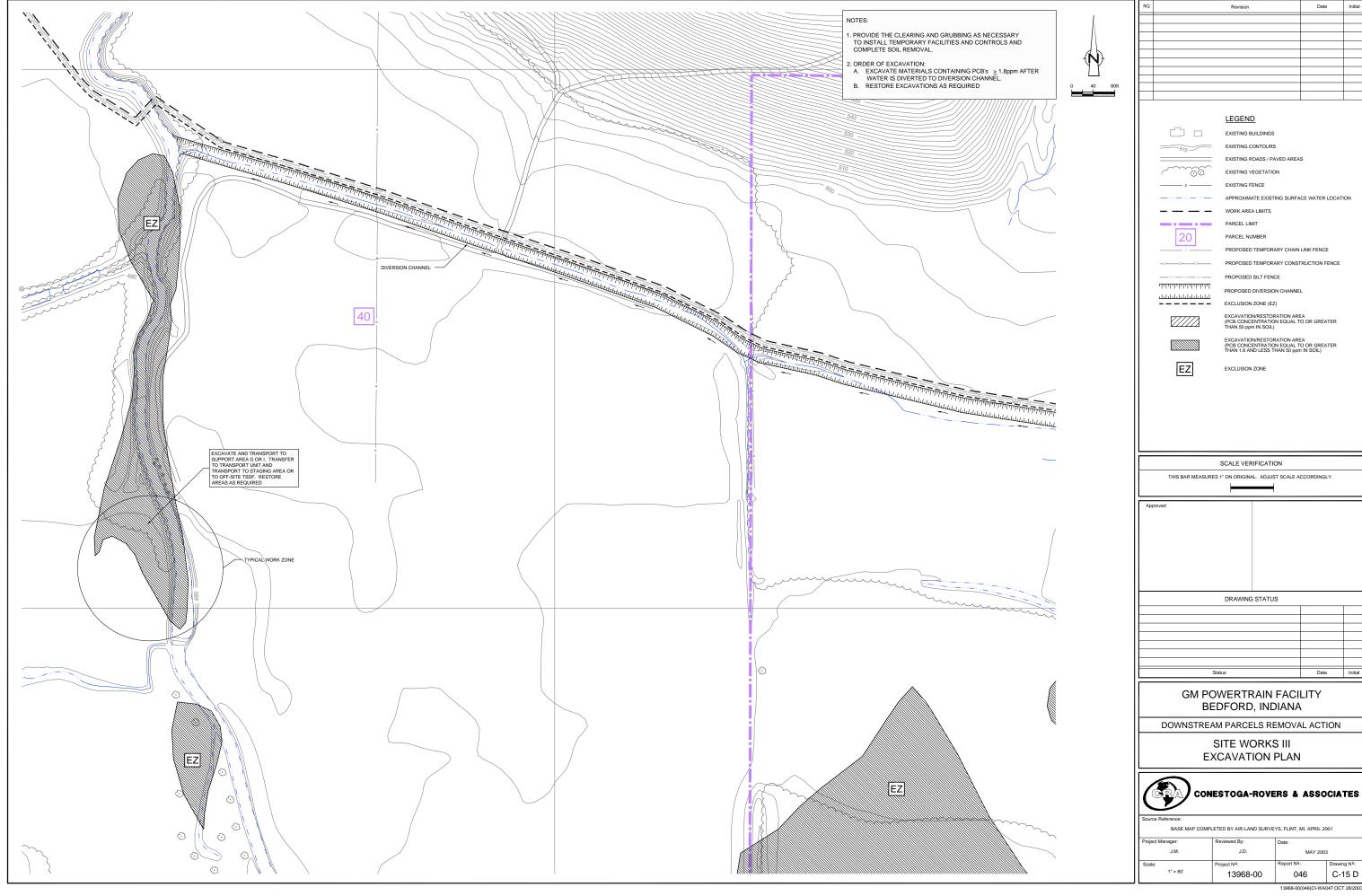






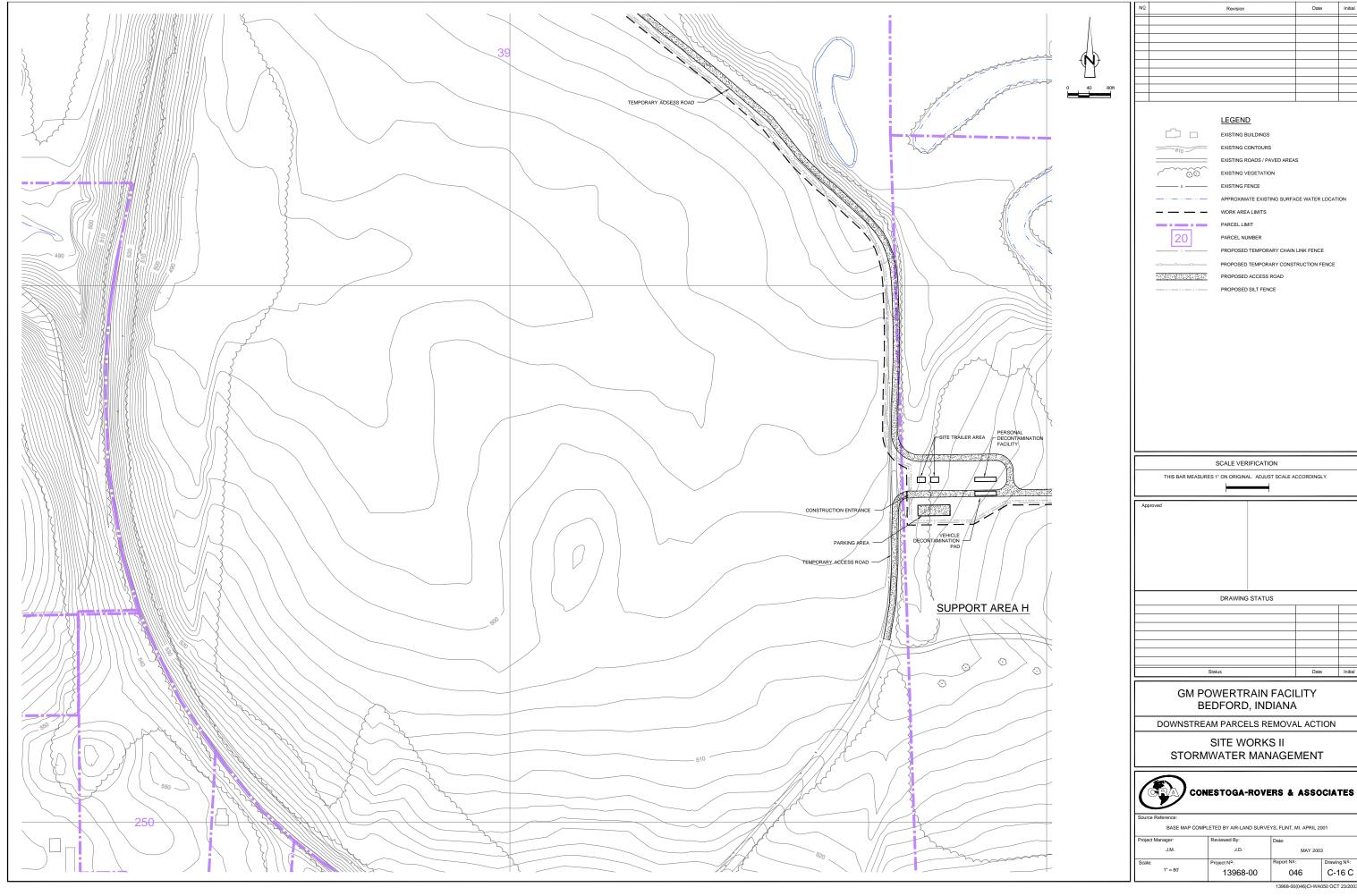


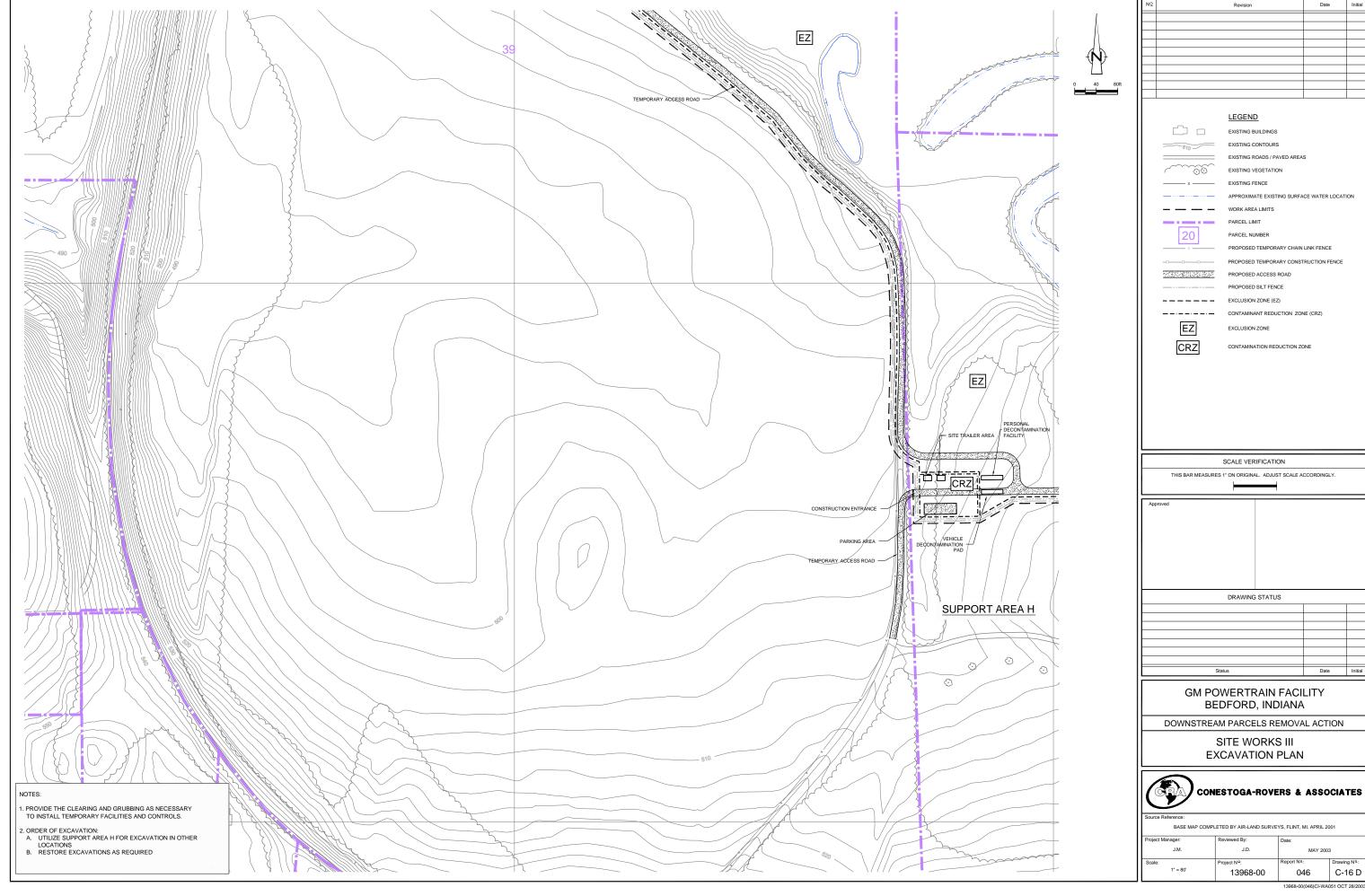








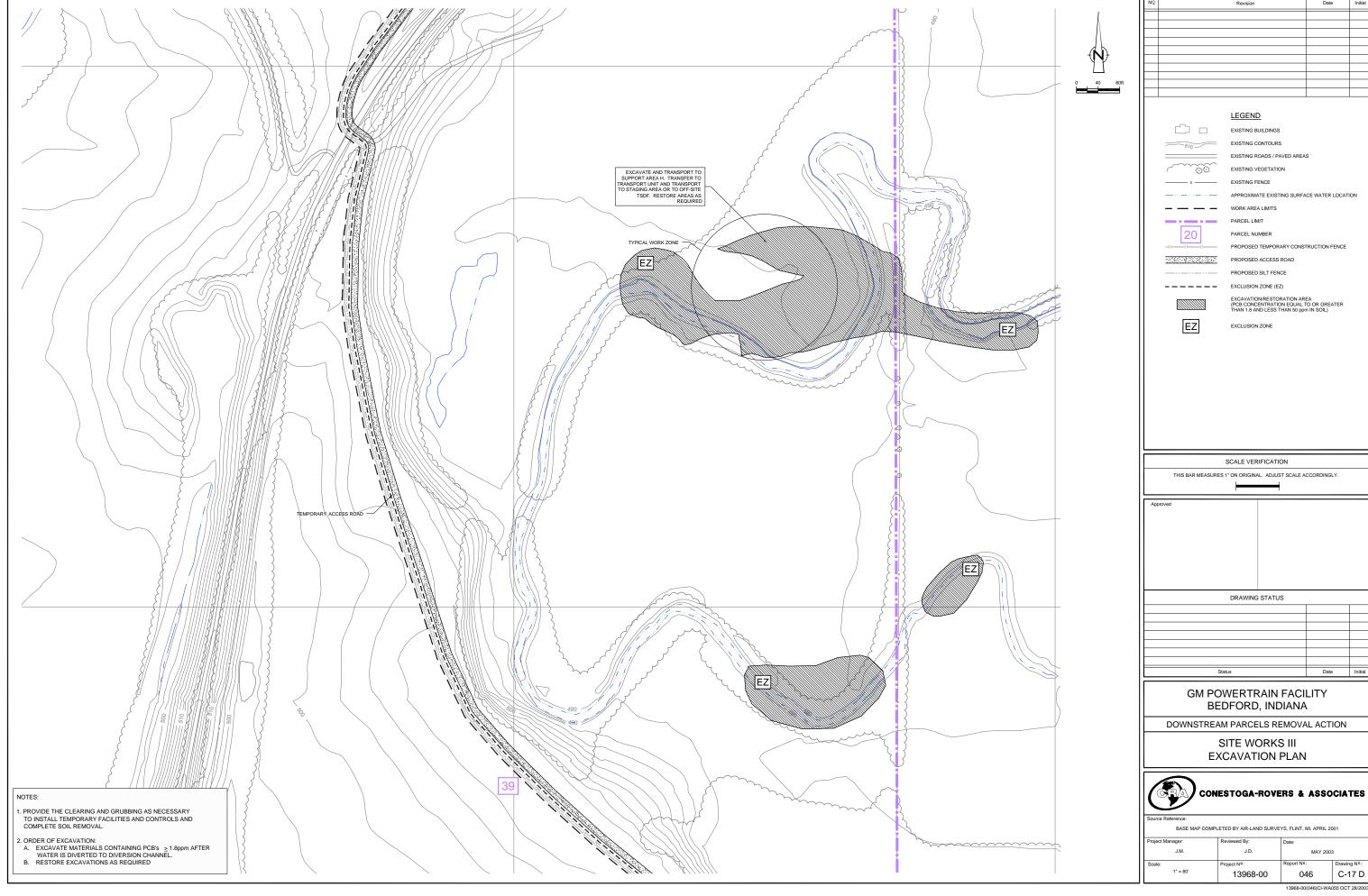


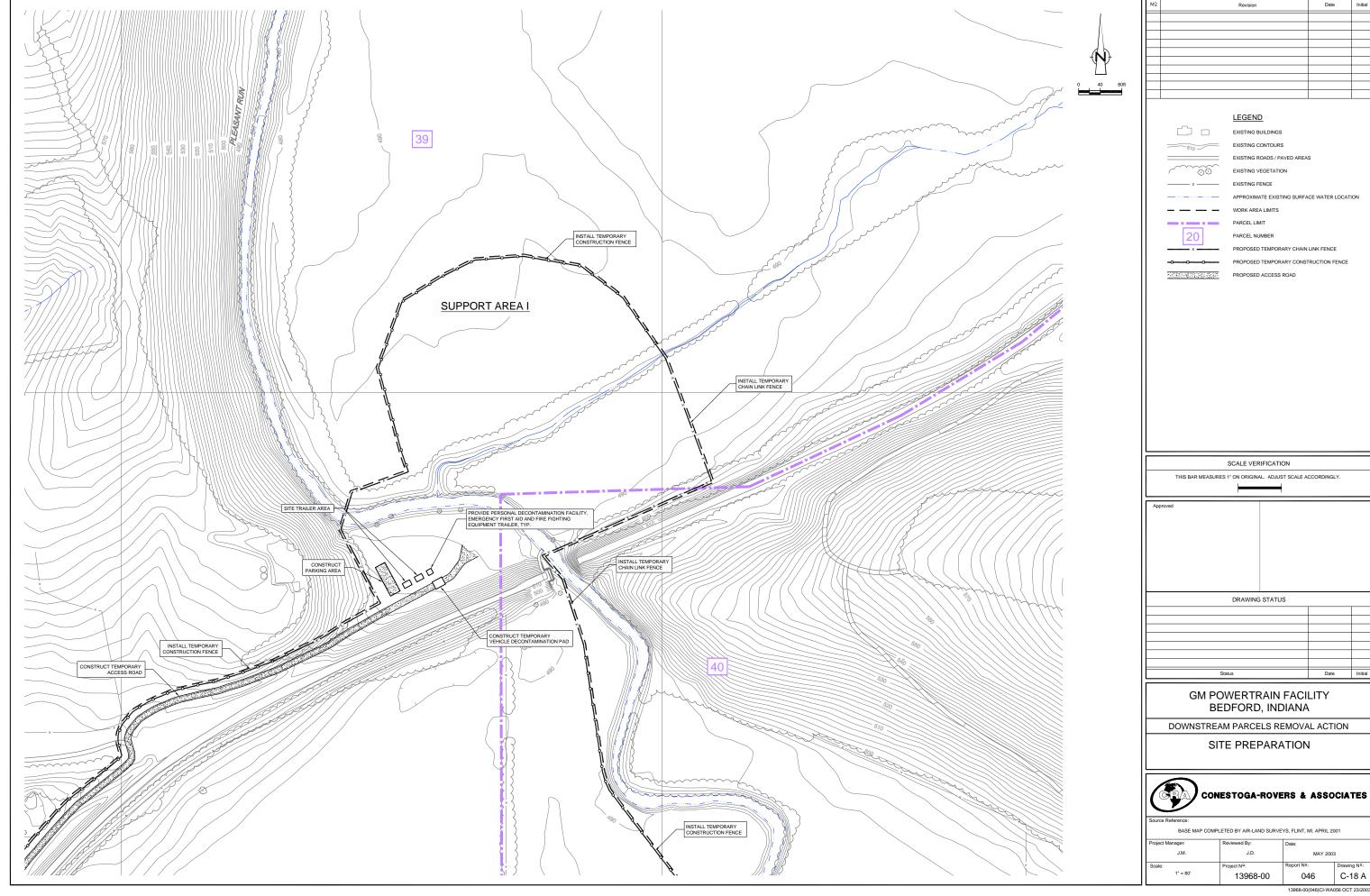


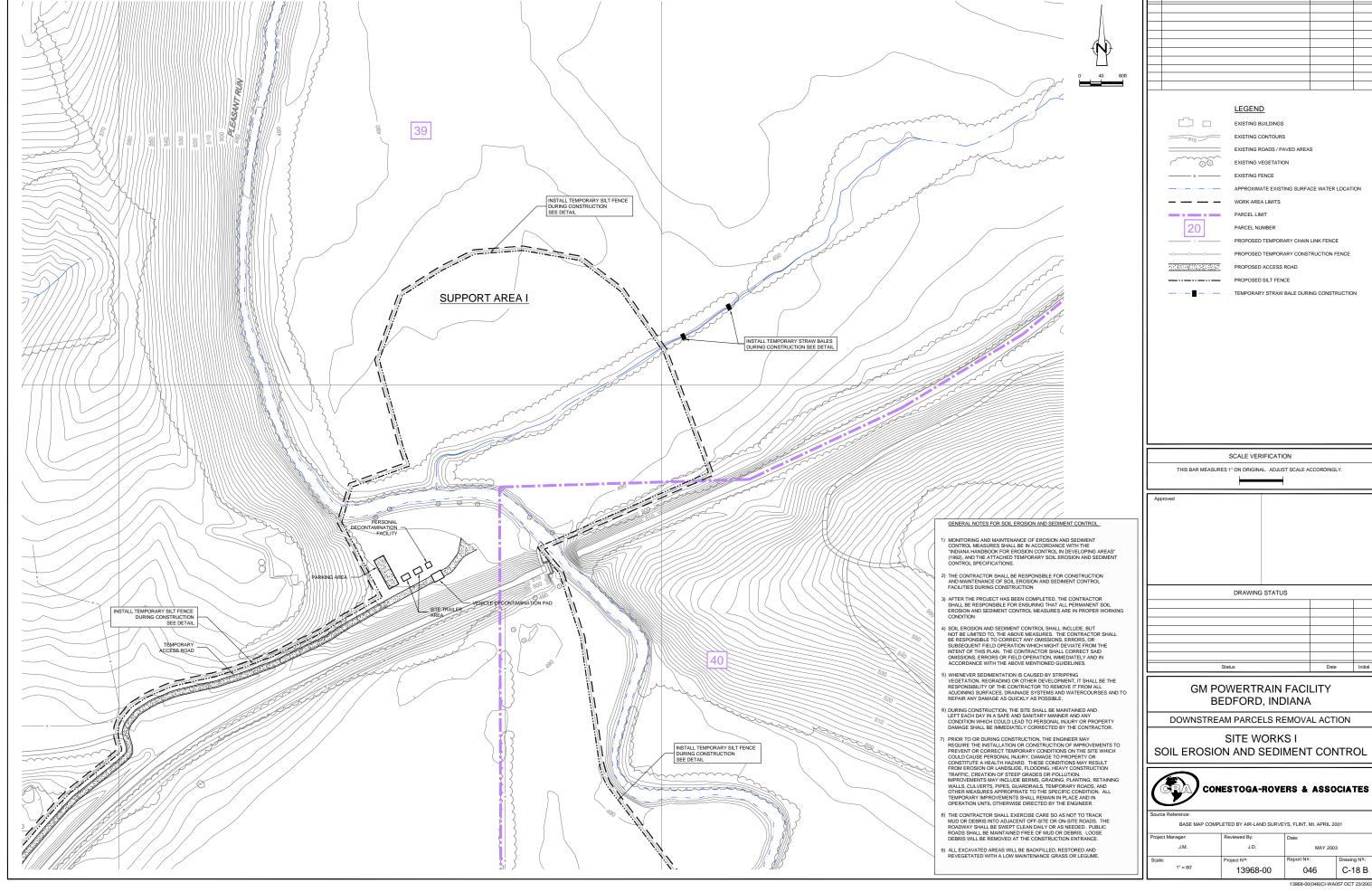


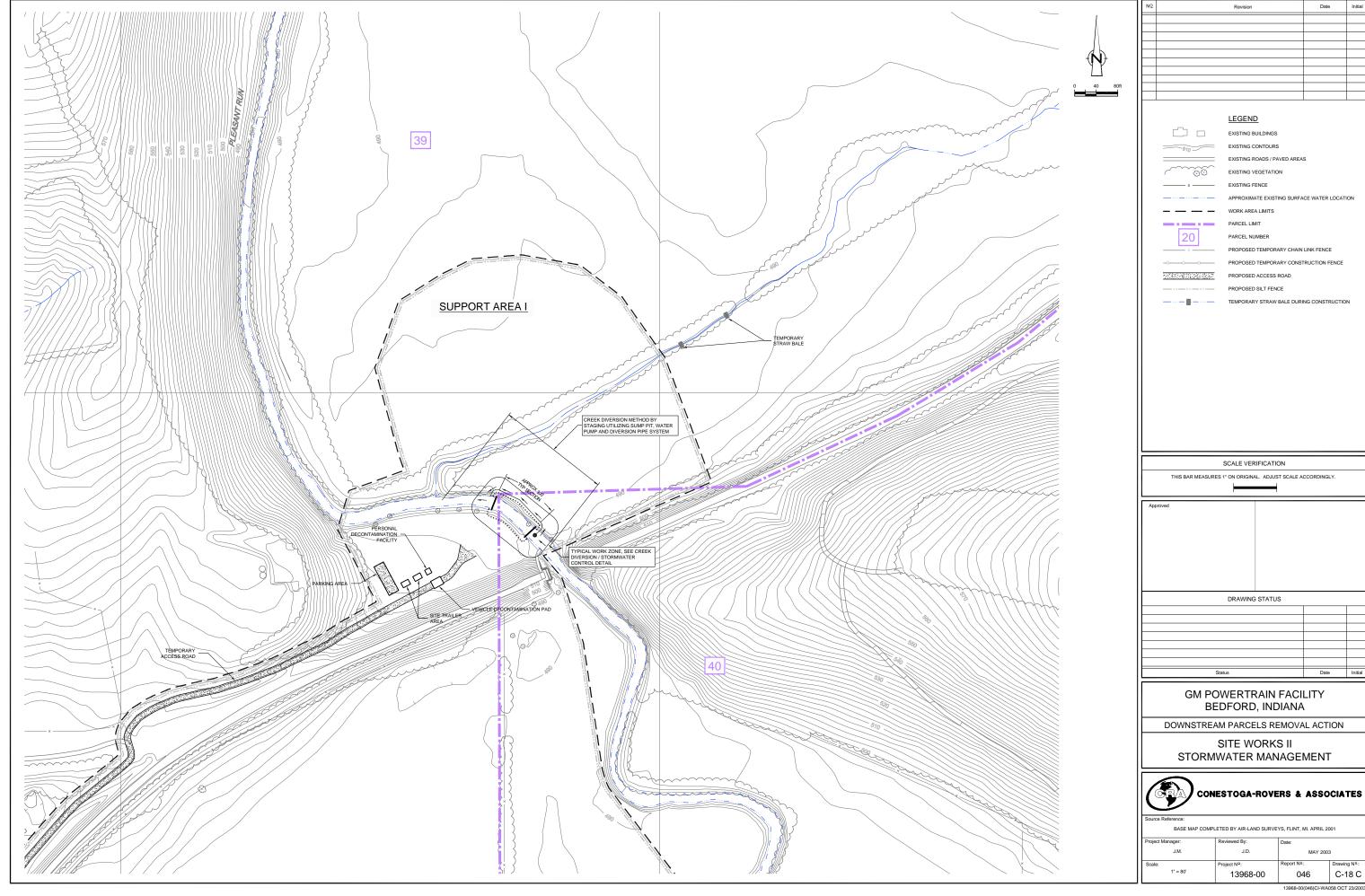


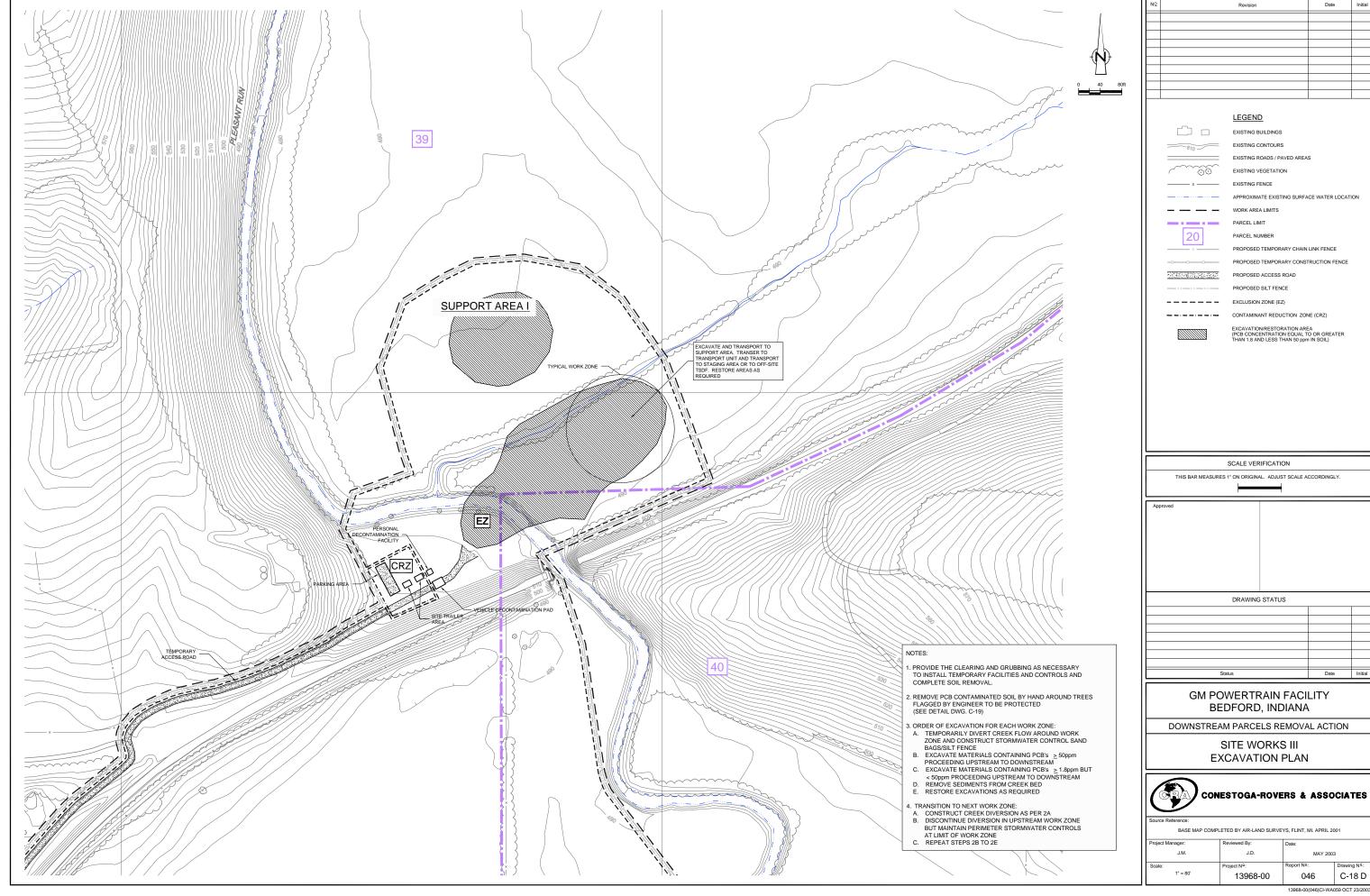


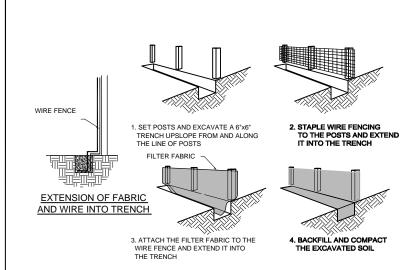




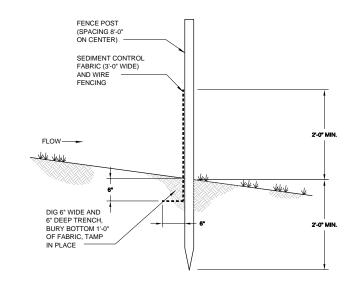




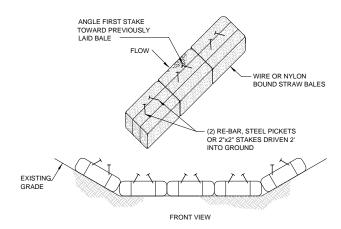




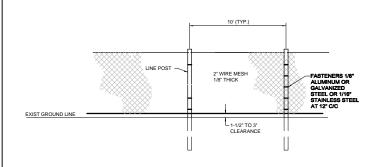
### **INSTALLATION SEQUENCE**



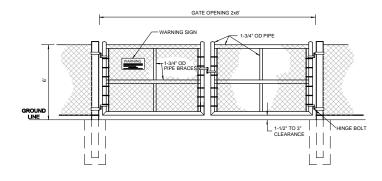
### **TEMPORARY CONSTRUCTION** SILT FENCE DETAIL



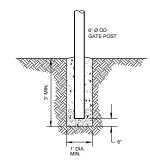
**TEMPORARY CONSTRUCTION** STRAW BALE DETAIL



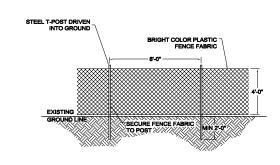
# TEMPORARY CONSTRUCTION CHAIN LINK FENCE



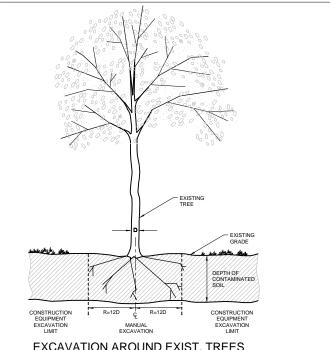
# **DOUBLE GATE / CONSTRUCTION ENTRANCE**



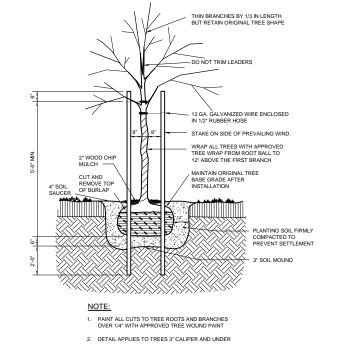
**GATE POST DETAIL** 



**TEMPORARY CONSTRUCTION FENCE DETAIL** 

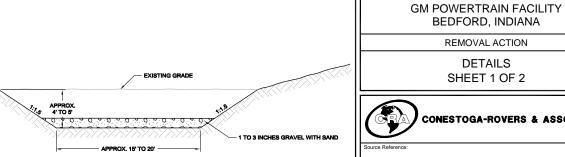


# $\underset{\text{NTS}}{\underline{\mathsf{EXCAVATION}}}\, \underbrace{\mathsf{AROUND}}\, \underbrace{\mathsf{EXIST.}}\, \underbrace{\mathsf{TREES}}$



TREE PLANTING SECTION

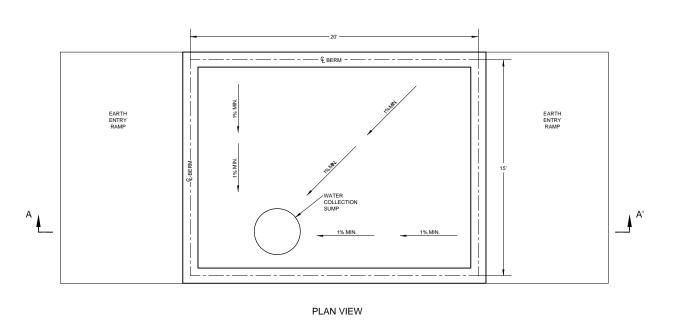
TEMPORARY DIVERSION CHANNEL DETAIL



SCALE VERIFICATION THIS BAR MEASURES 1" ON ORIGINAL. ADJUST SCALE ACCORDINGLY. DRAWING STATUS Date

CONESTOGA-ROVERS & ASSOCIATES

MAY 2003 AS SHOWN C-19 13968-00 046



# GEOTEXTILE 10 oz. SUMP PERFORATED SECTION OF SEGALLON DRUM OR EQUIVALENT 40-mil LLDPE OR HOPE POLYETHYLENE SHEETING SMOOTH GRADED & PROOF ROLLED BASE 8 ° OF 3/4" GRANULAR MATERIAL

SECTION A-A'

**DECONTAMINATION PAD DETAIL** 

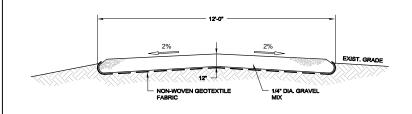
### NOTES:

- TEMPORARY DECONTAMINATION PAD TO BE CONSTRUCTED IN SUITABLE
- 2. TEMPORARY DECONTAMINATION PAD GRANULAR MATERIAL AND SEDIMENTS FROM DECONTAMINATING EXCAVATION EQUIPMENT TO BE BACKFILLED WITHIN ON-SITE CONSOLIDATION AREA.
  - TYPICAL TEMPORARY VEHICLE

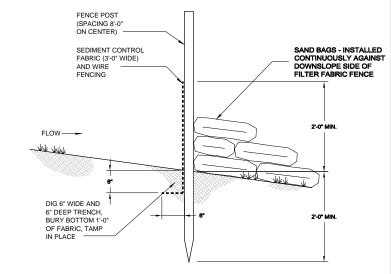
# LOCATION TO BE ALONG ELEVATION CONTOUR THAT IS 3' ABOVE STREAMBED 100' (TYP) WEIGHT OR SECURE END OF HOSE SAND BAG DAM WITH LINER CREEK DIVERSION/STORMWATER CONTROL DETAIL (TYP) NTS

### NOTE

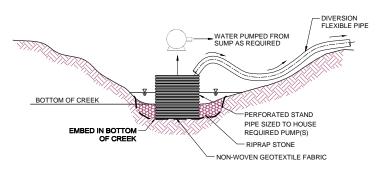
- 1. INSTALL UPSTREAM SANDBAG (OR EQUIVALENT) CHECK DAM WITH GEOTEXTILE LINER ACROSS WATERCOURSE AND MATCH EXISTING BANKS.
- 2. INSTALL SO THAT FLOW UNDER OR BETWEEN BAGS IS PREVENTED BY OVERLAPPING THE STACKED BAGS AND ENTRENCHING THE BOTTOM SET.
- 3. SAND BAG BARRIERS SHALL BE REGULARLY INSPECTED AND MAINTAINED, AND ANY BREAKS OR UNDERCUTTING IN THE BARRIER SHALL BE PROMPTLY REPAIRED.
- 4. REMOVE SEDIMENT BEHIND THE BARRIER WHEN IT ACCUMULATES.
- 5. REPLACE BROKEN BAGS IMMEDIATELY.
- 6. INSTALL INSTREAM PUMP OR INTAKE LINE OF REMOTE PUMP IN SUMP LOCATED UPSTREAM OF WORK AREA. DISCHARGE WATER THROUGH OR INTO AN ENERGY DISSIPATER INTO THE WATERCOURSE SUFFICIENTLY DOWNSTREAM TO PREVENT WATER FLOWING BACK INTO WORK AREA. (USE TEMPORARY SANDBAG BACKWATER DAM IF NECESSARY.)
- 7. THE TEMPORARY DIVERSION METHOD MAY BE REVISED AS NECESSARY BY THE CONTRACTOR. CONTRACTOR'S REVISED DETAILS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL BY ENGINEER AND PERMITTING AGENCIES PRIOR TO CONSTRUCTION.
- 8. COLLECT SEEPAGE INTO EXCAVATION AREA. TRANSPORT TO THE WASTEWATER TREATMENT SYSTEM.



## CONSTRUCTION ACCESS ROAD DETAIL NTS



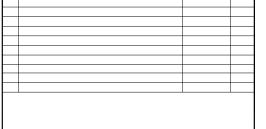
# SILT FENCE REINFORCED BY SAND BAGS



### NOTES:

- A. SIZE THE DIVERSION PIPE, SUMP AND STANDPIPE IN THE FIELD.
- B. THE TEMPORARY DIVERSION METHOD MAY BE REVISED AS NECESSARY BY THE CONTRACTOR. CONTRACTOR'S REVISED DETAILS SHALL BE SUBMITTED FOR REVIEW PRIOR TO CONSTRUCTION.

TYPICAL SUMP PIT



SCALE VERIFICATION

THIS BAR MEASURES 1" ON ORIGINAL. ADJUST SCALE ACCORDINGLY.

DRAWING STATUS		
Status	Date	Initial

GM POWERTRAIN FACILITY BEDFORD, INDIANA

REMOVAL ACTION

DETAILS SHEET 2 OF 2



060 00/046/CLWA064 ALIC 09/2002

