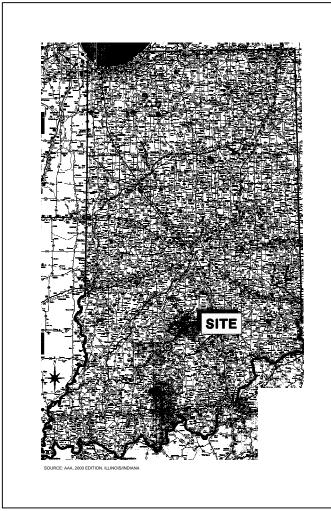
DOWNSTREAM PARCELS REMOVAL ACTION

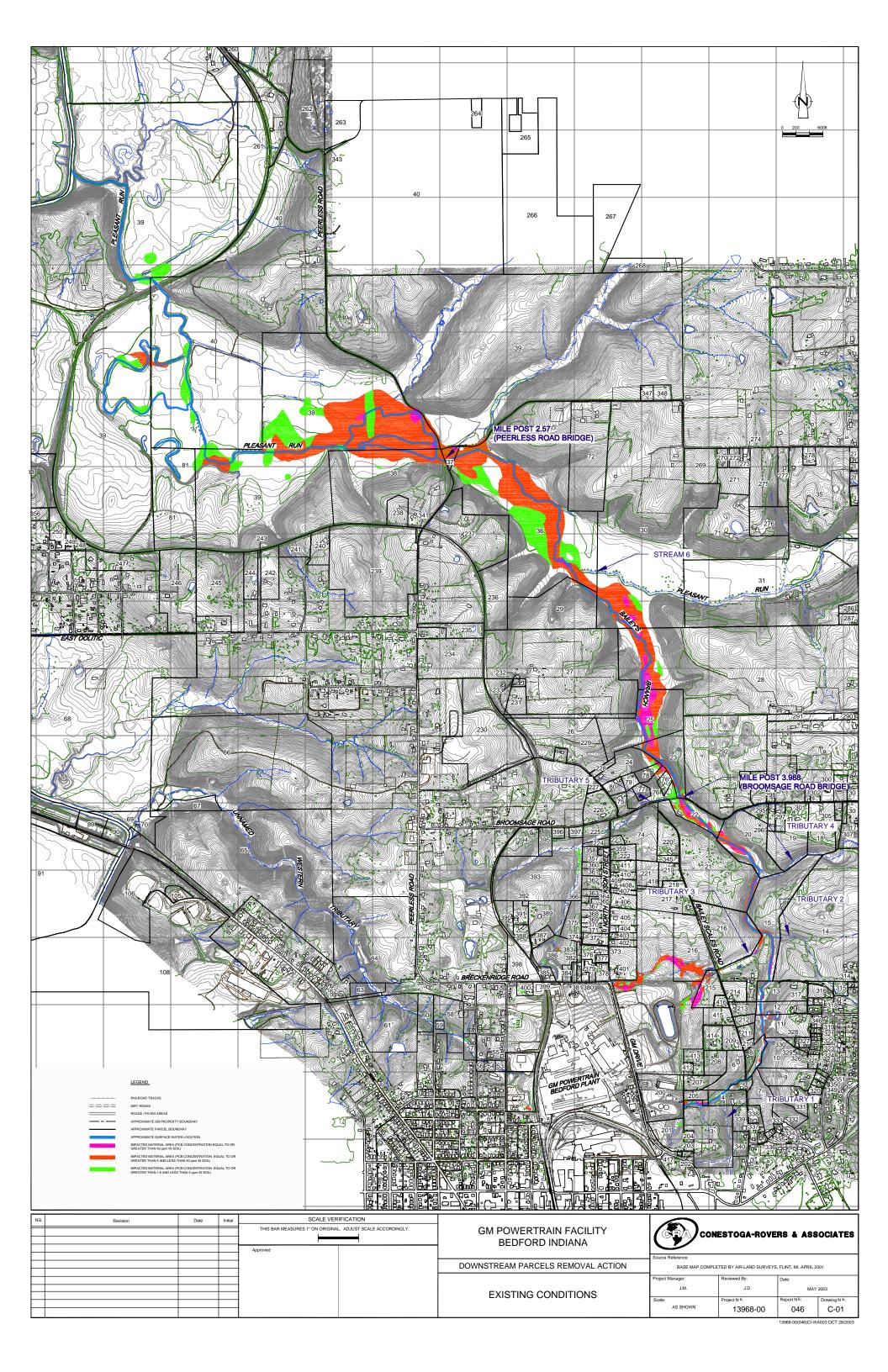
GM POWERTRAIN BEDFORD FACILITY BEDFORD, INDIANA

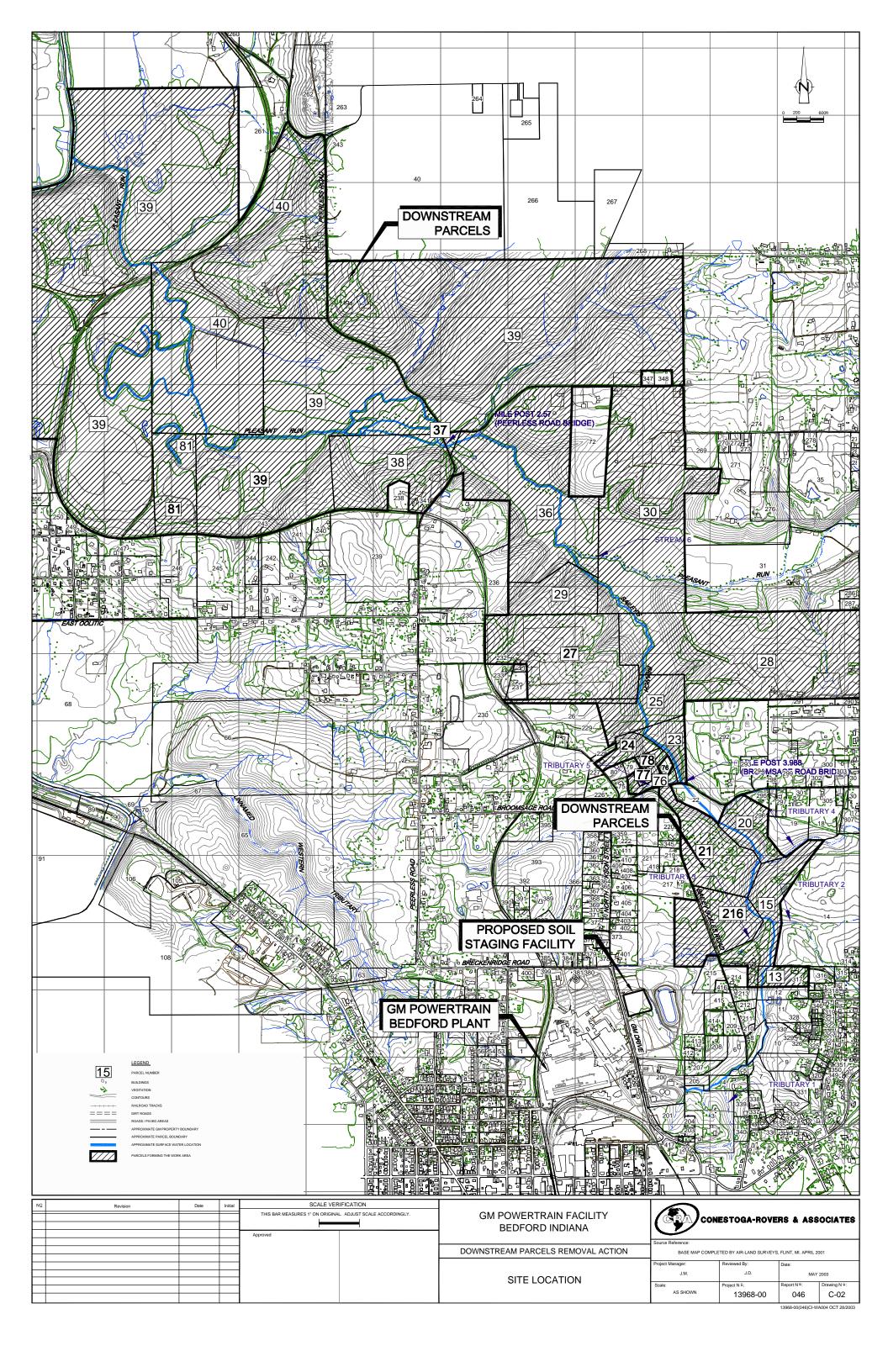


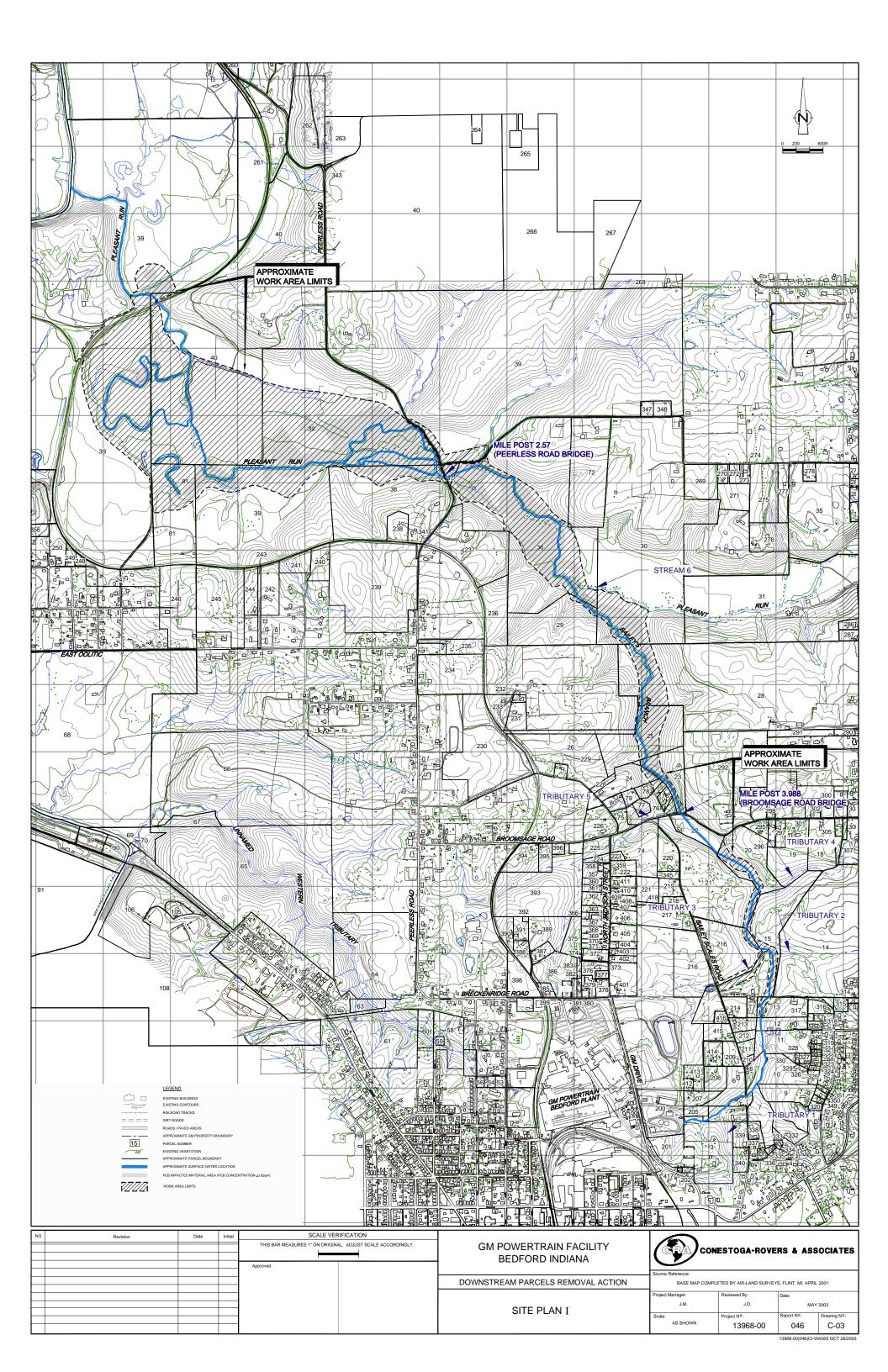
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C-01	0	OCTOBER 2003	EXISTING CONDITIONS	C-10 A	0	OCTOBER 2003	SITE PREPARATION	C-15 A	0	OCTOBER 2003	SITE PREPARATION
C-02	0	OCTOBER 2003	SITE LOCATION	C-10 B	0	OCTOBER 2003	SITE WORKS I SOIL EROSION AND SEDIMENT CONTROL	C-15 B	0	OCTOBER 2003	SITE 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-08 A	0	OCTOBER 2003	SITE PREPARATION	C-13 A	0	OCTOBER 2003	SITE PREPARATION	C-18 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

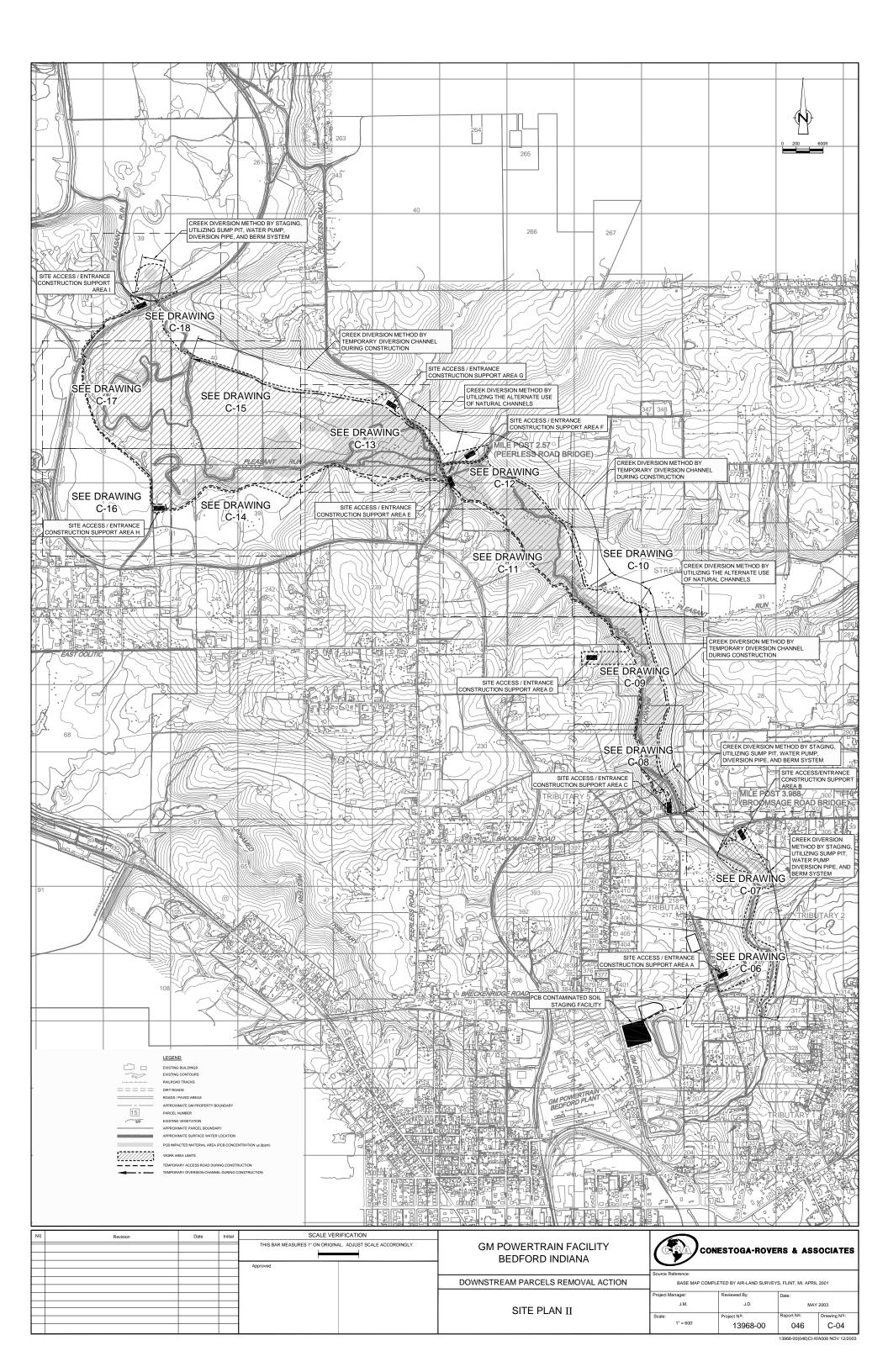
KEY PLAN DRAWING INDEX

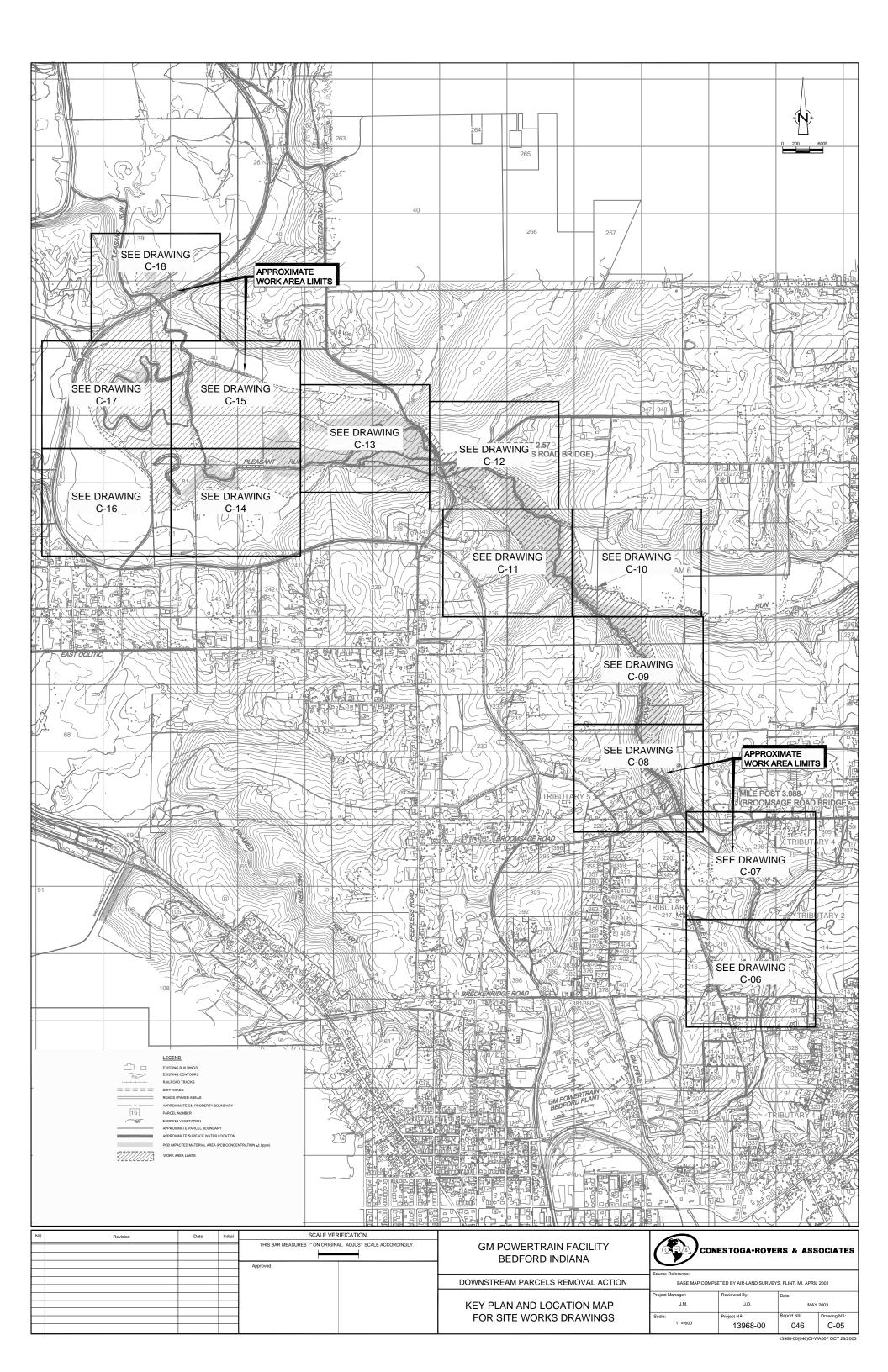


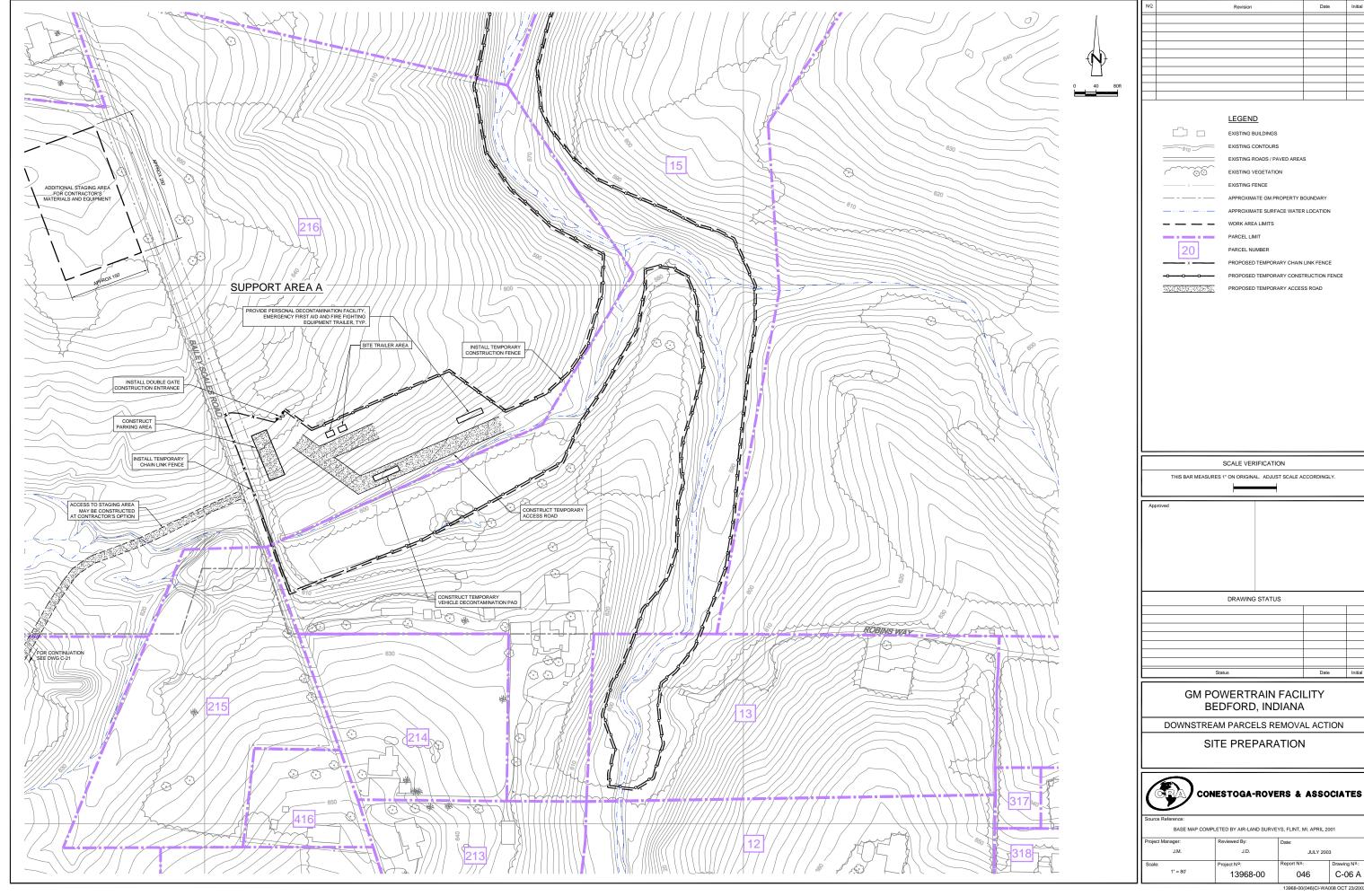


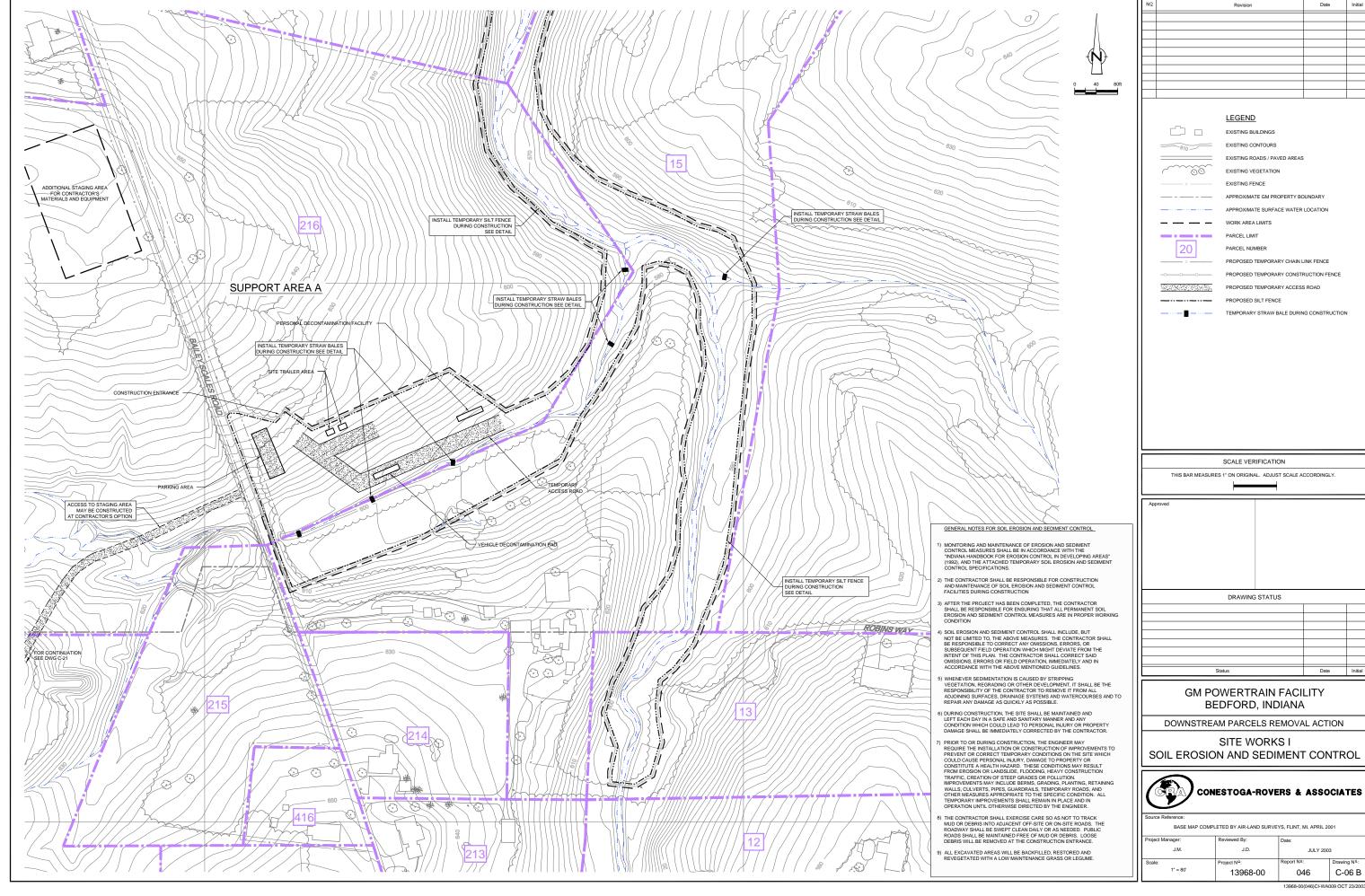


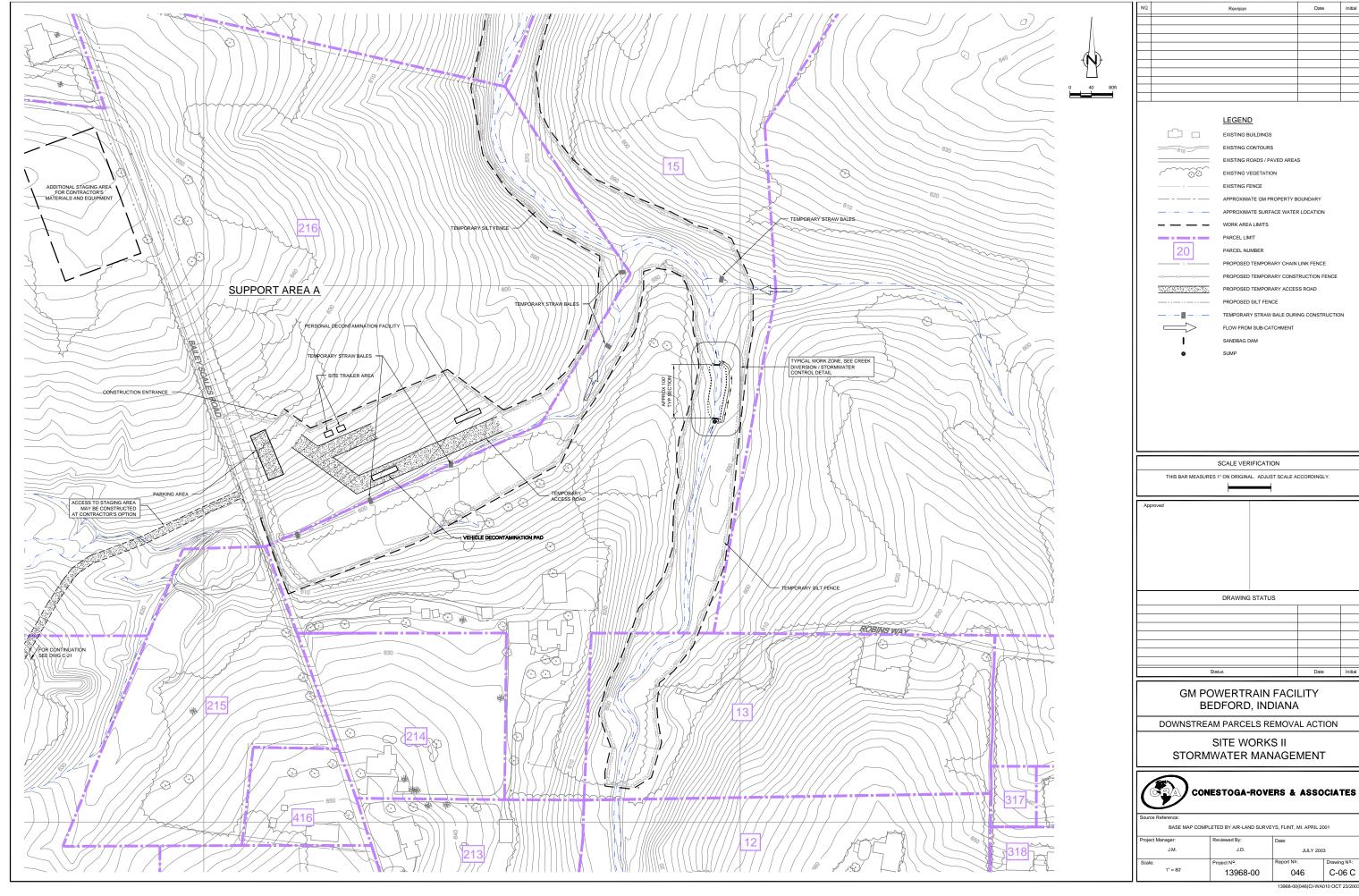


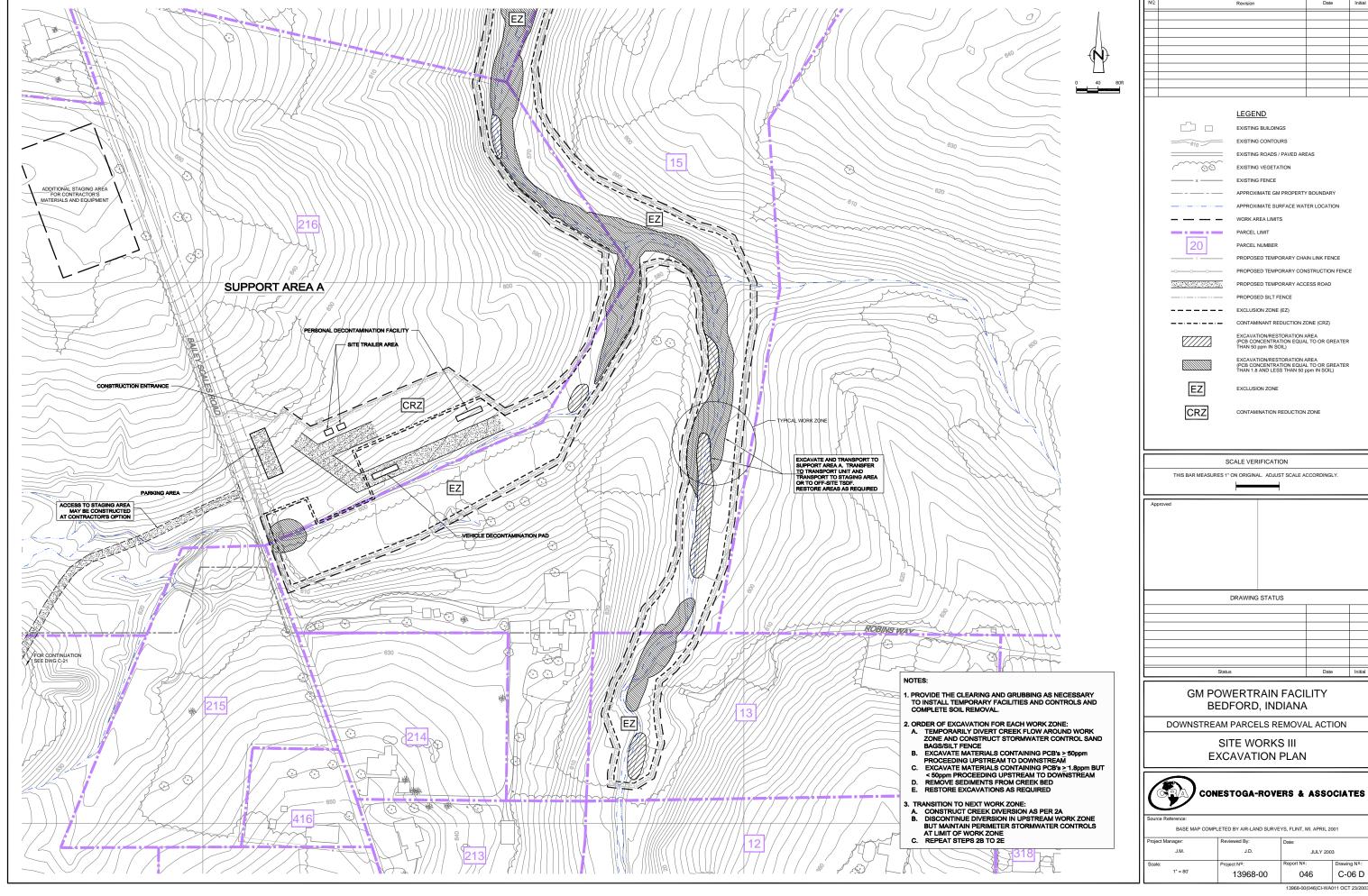


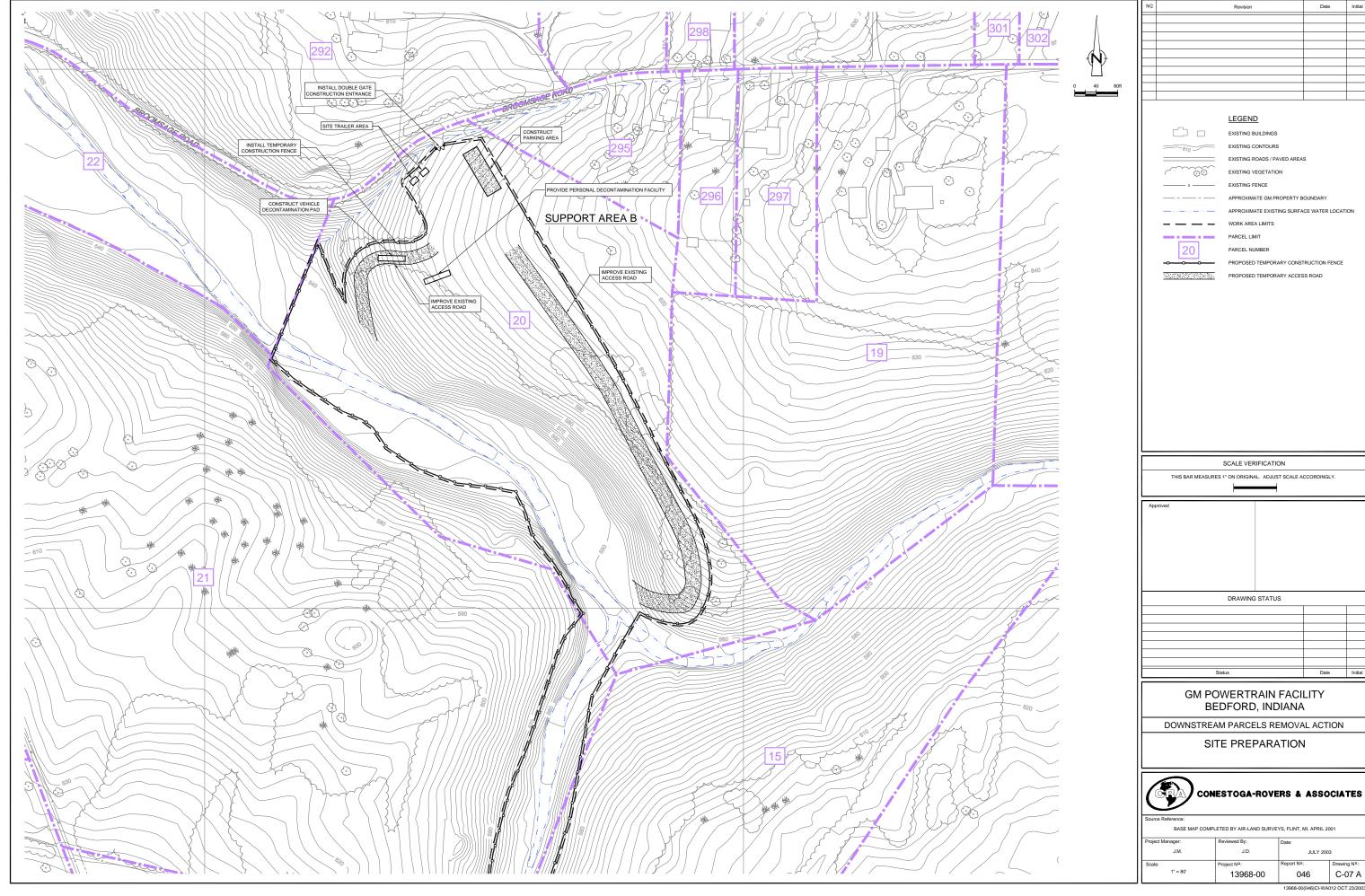


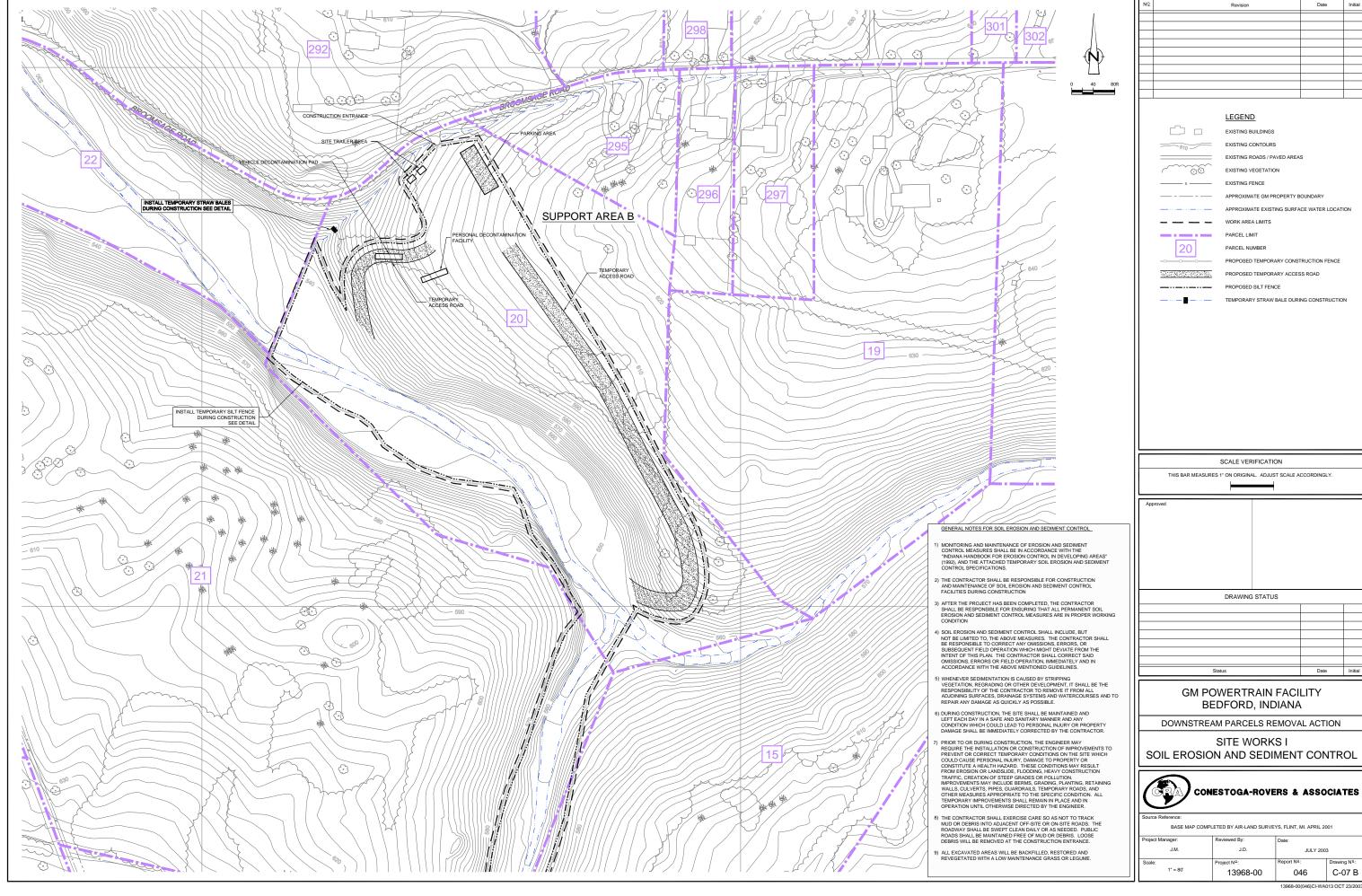


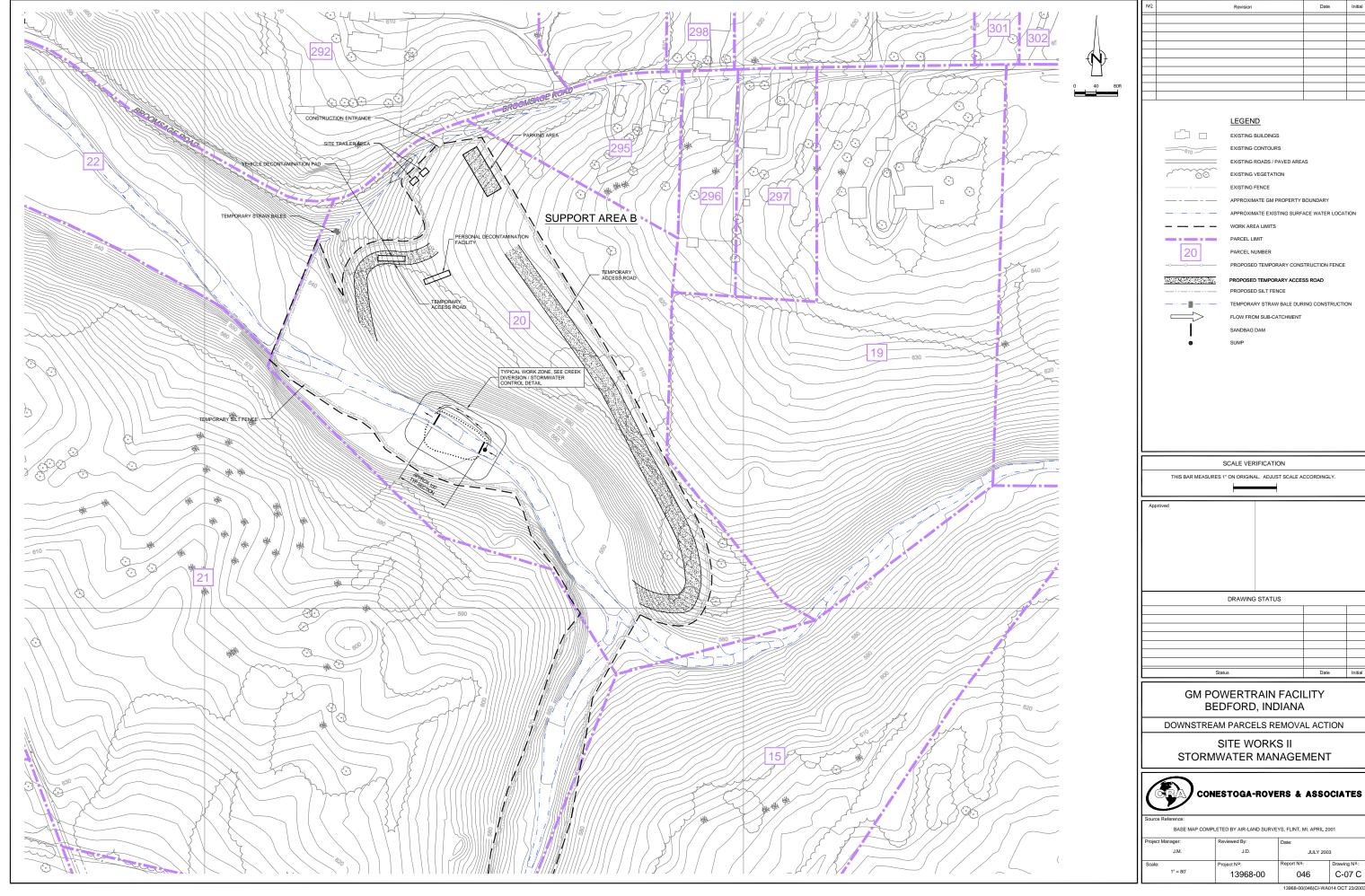


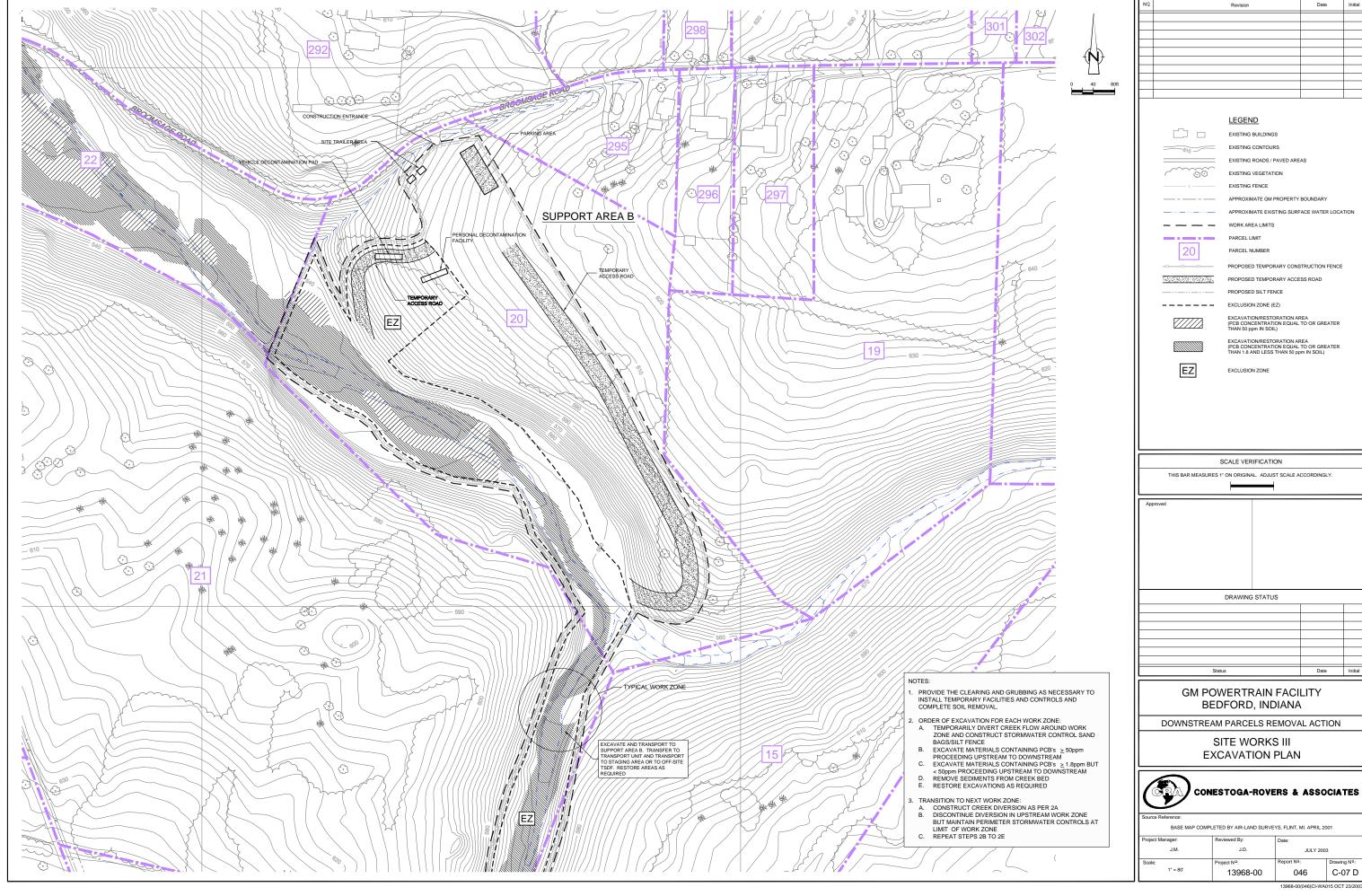


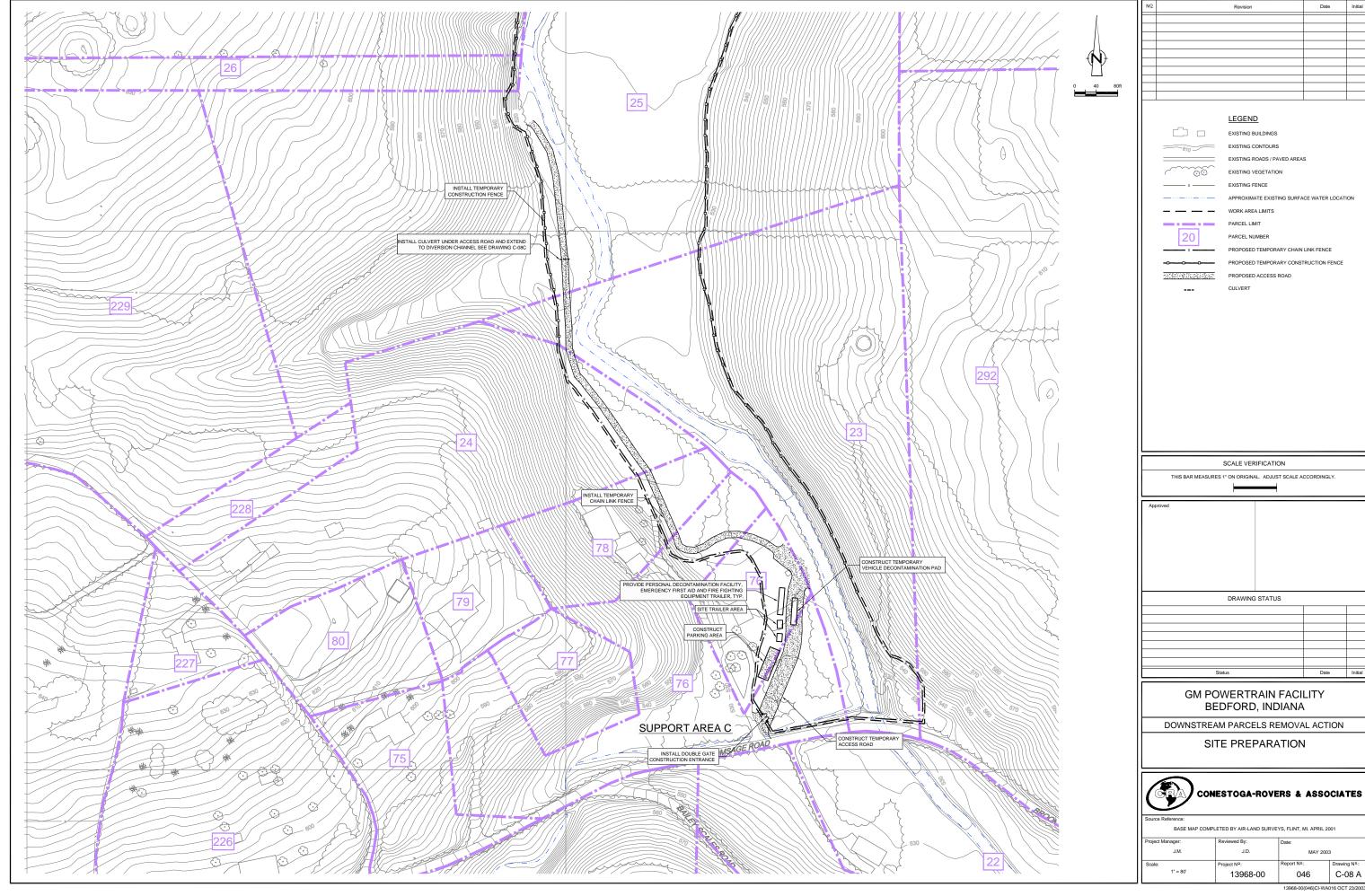


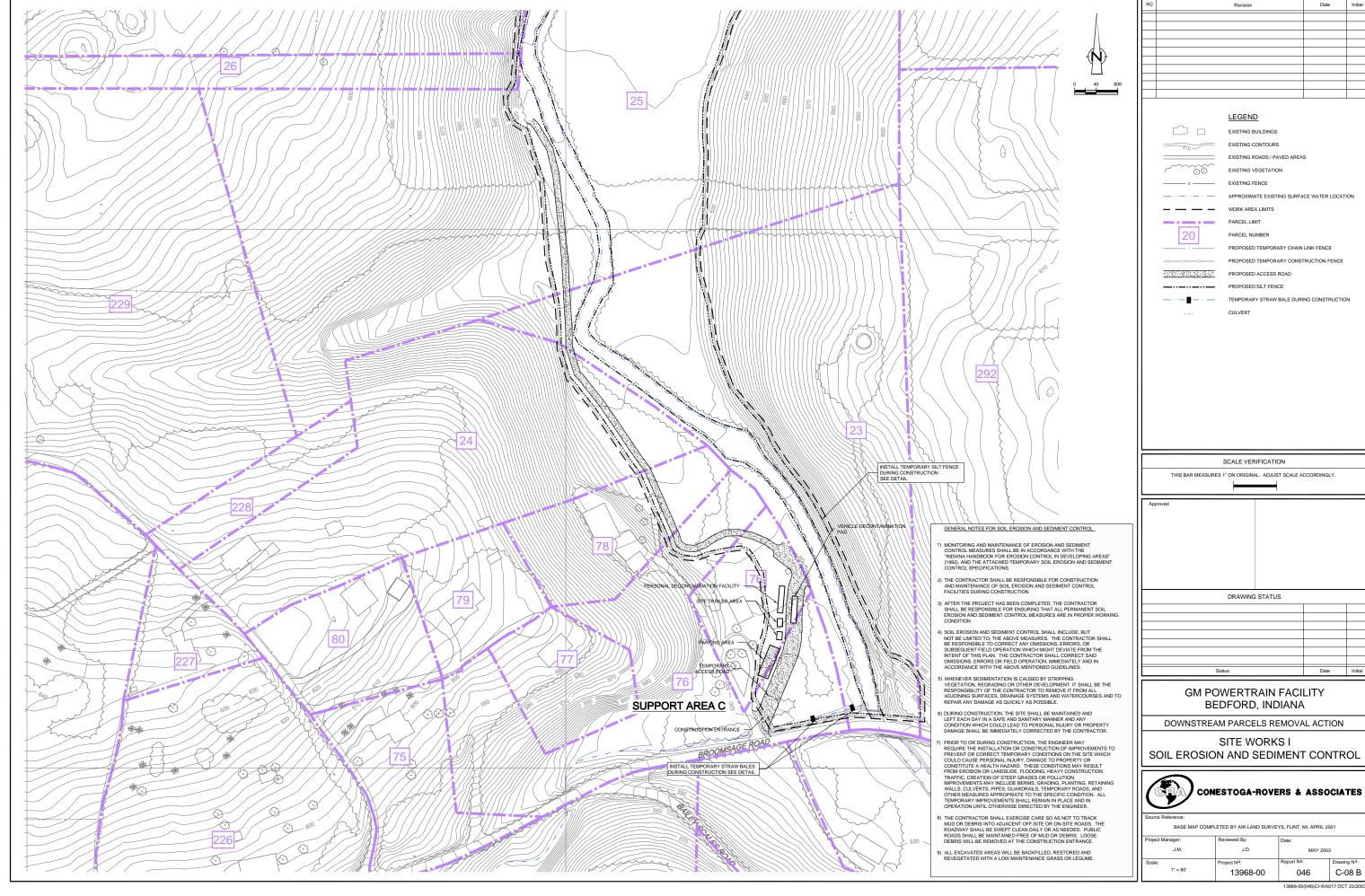


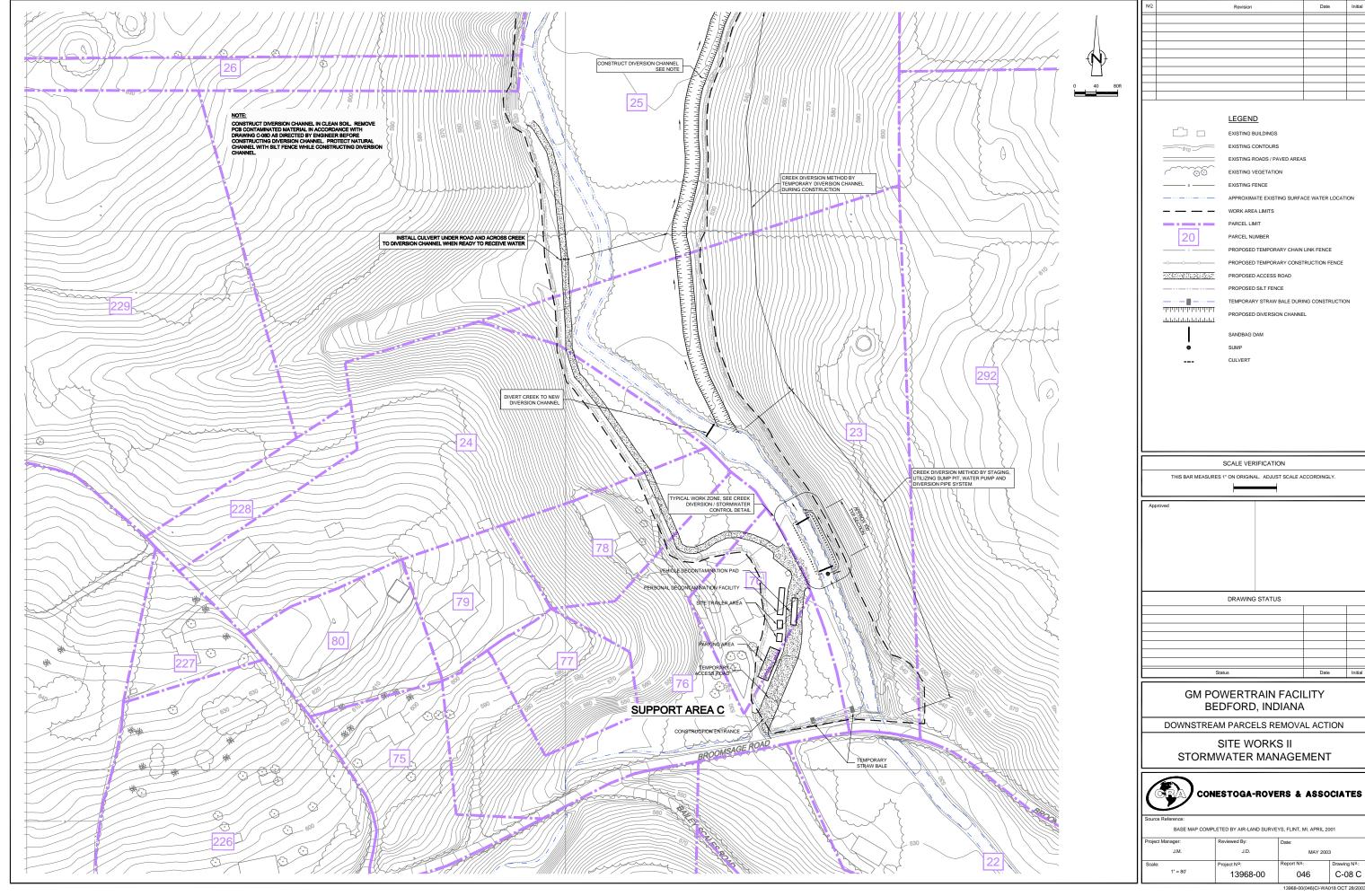


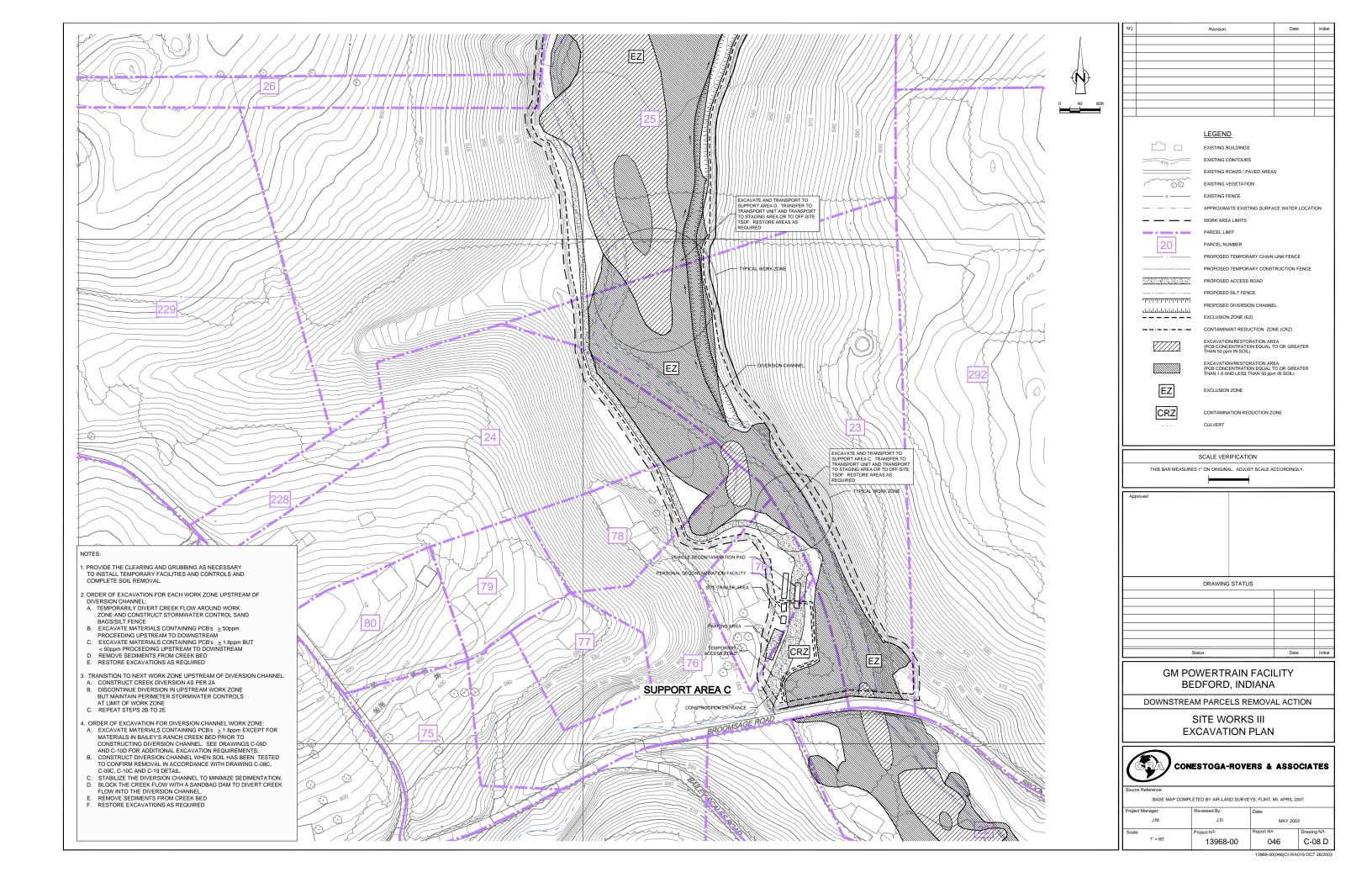


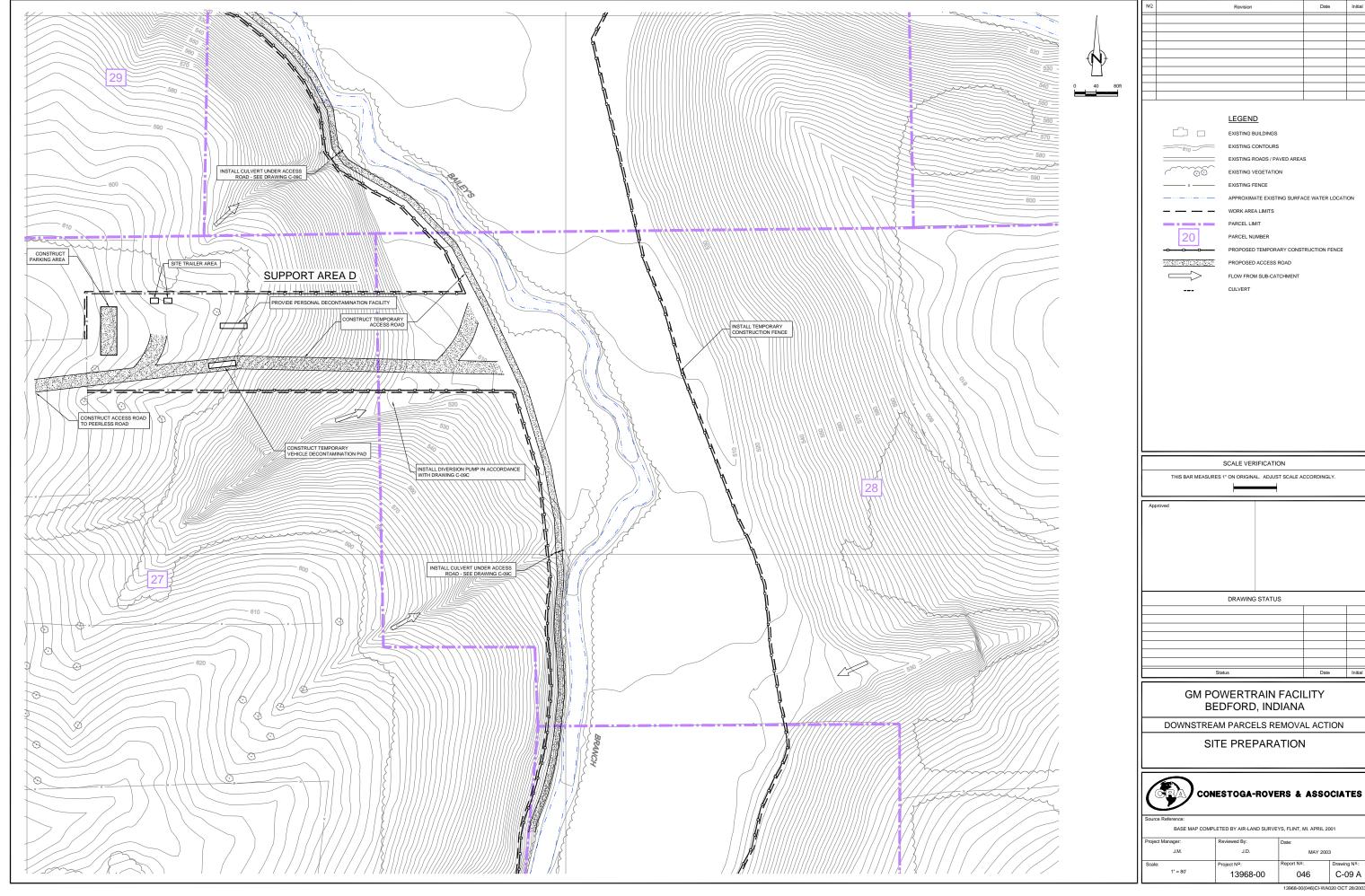


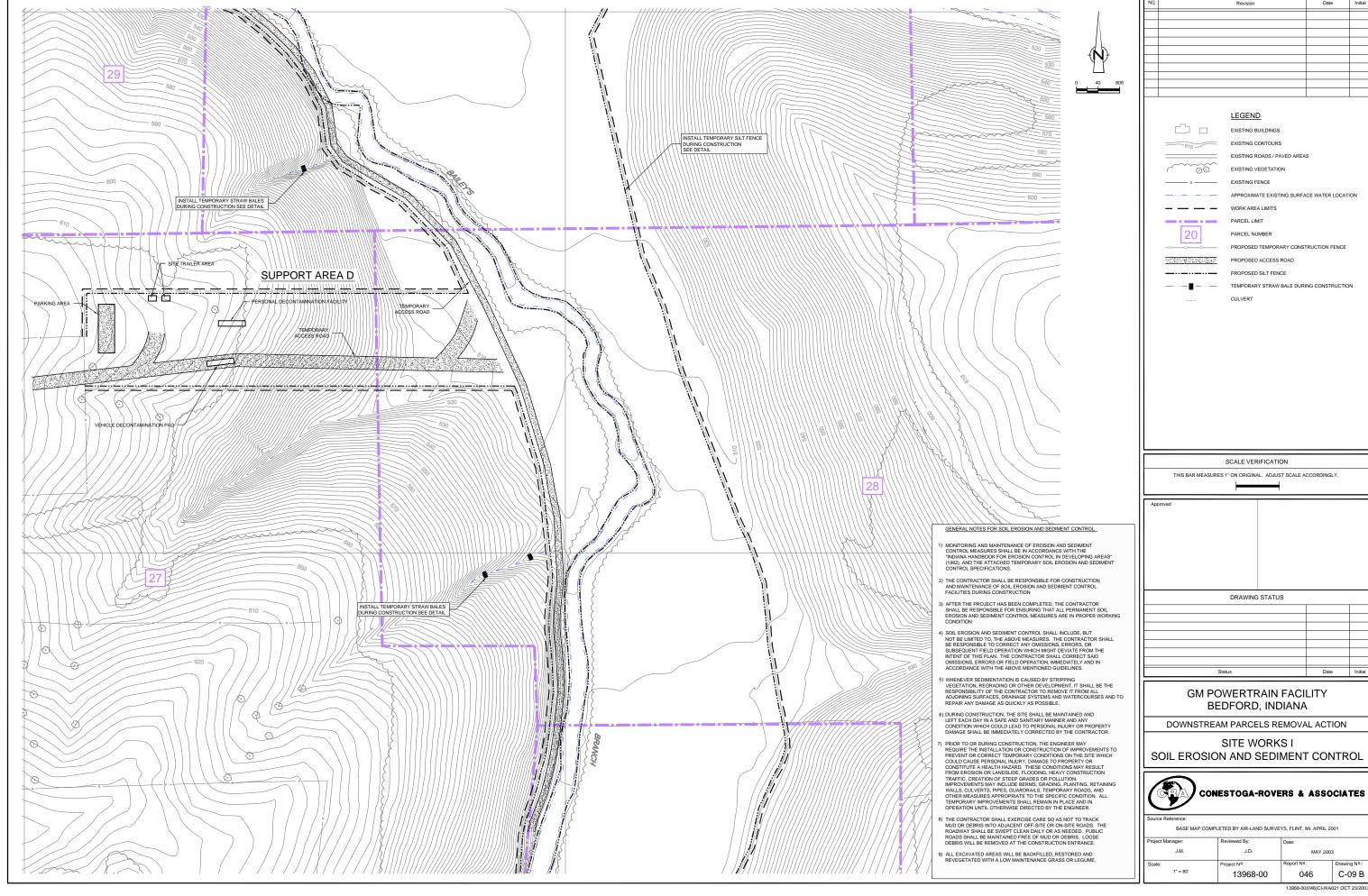


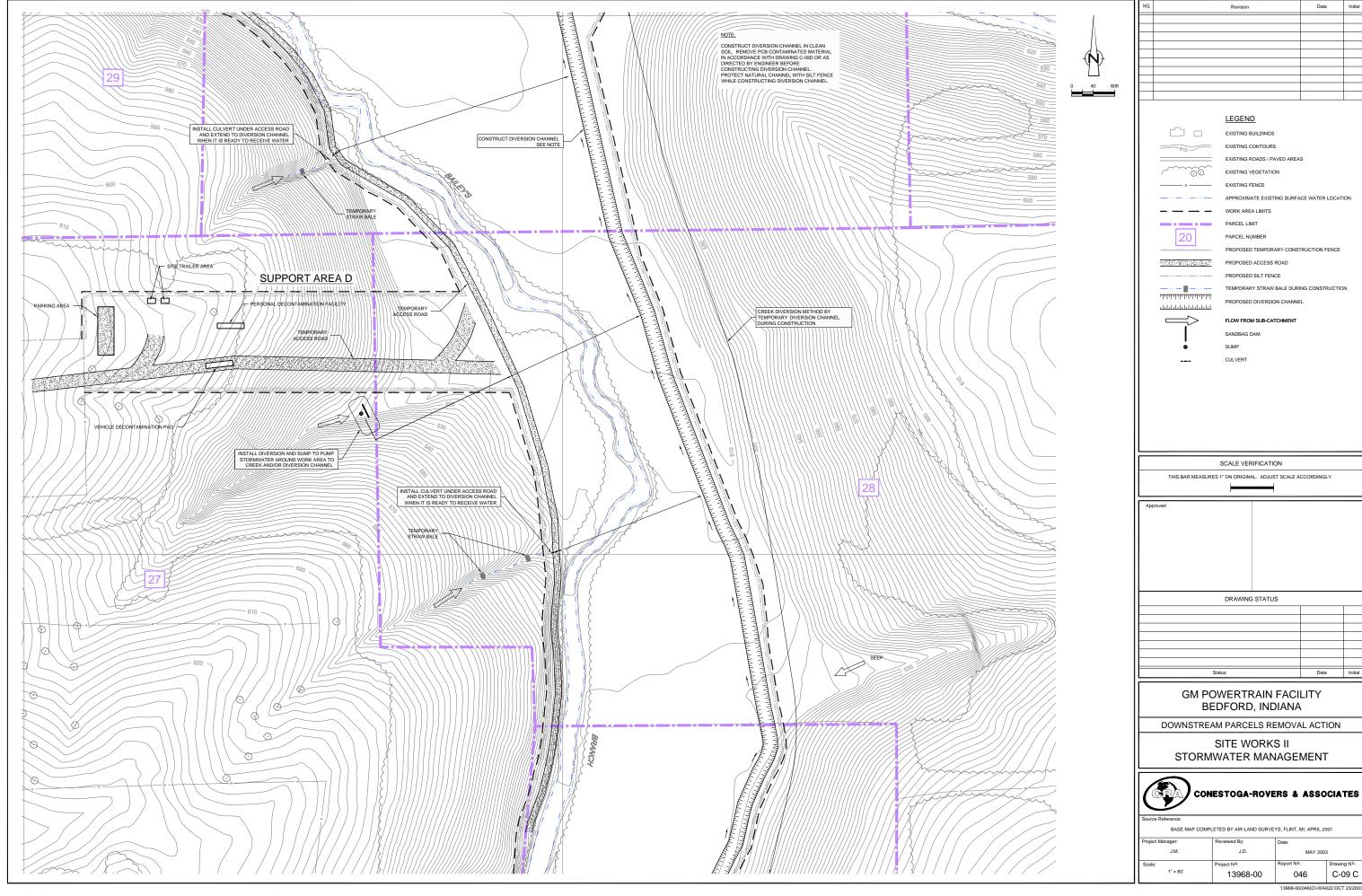


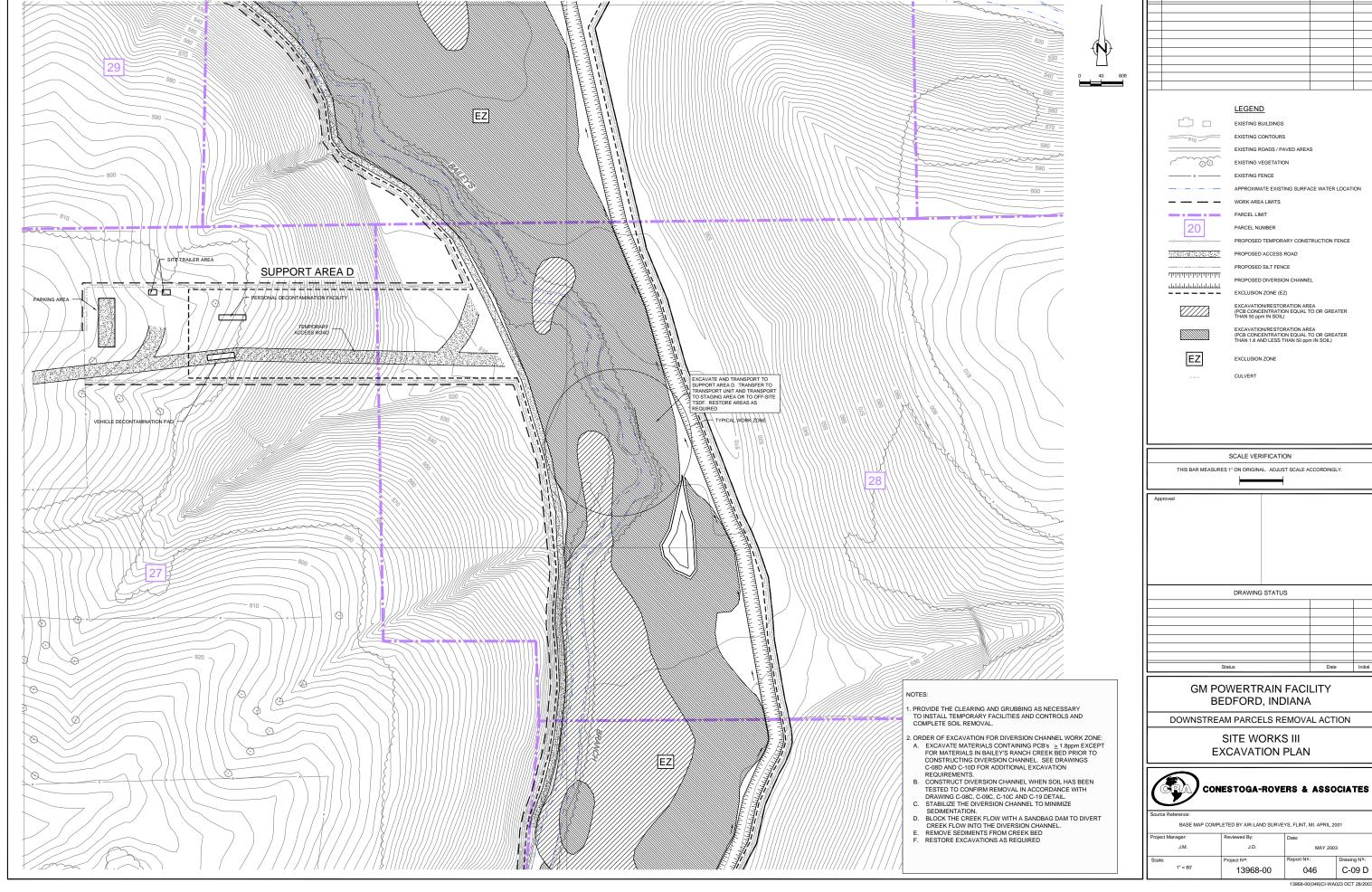


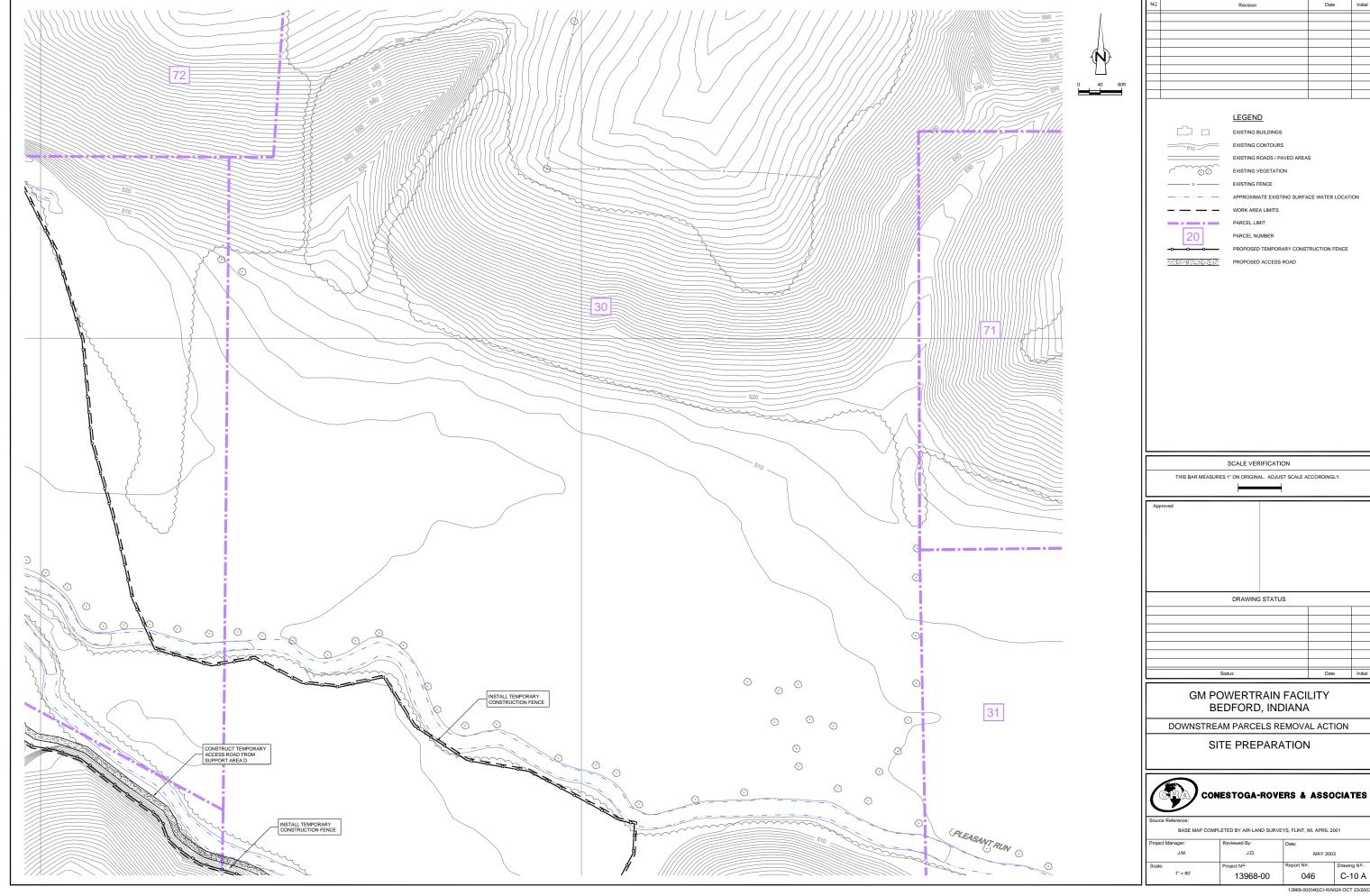


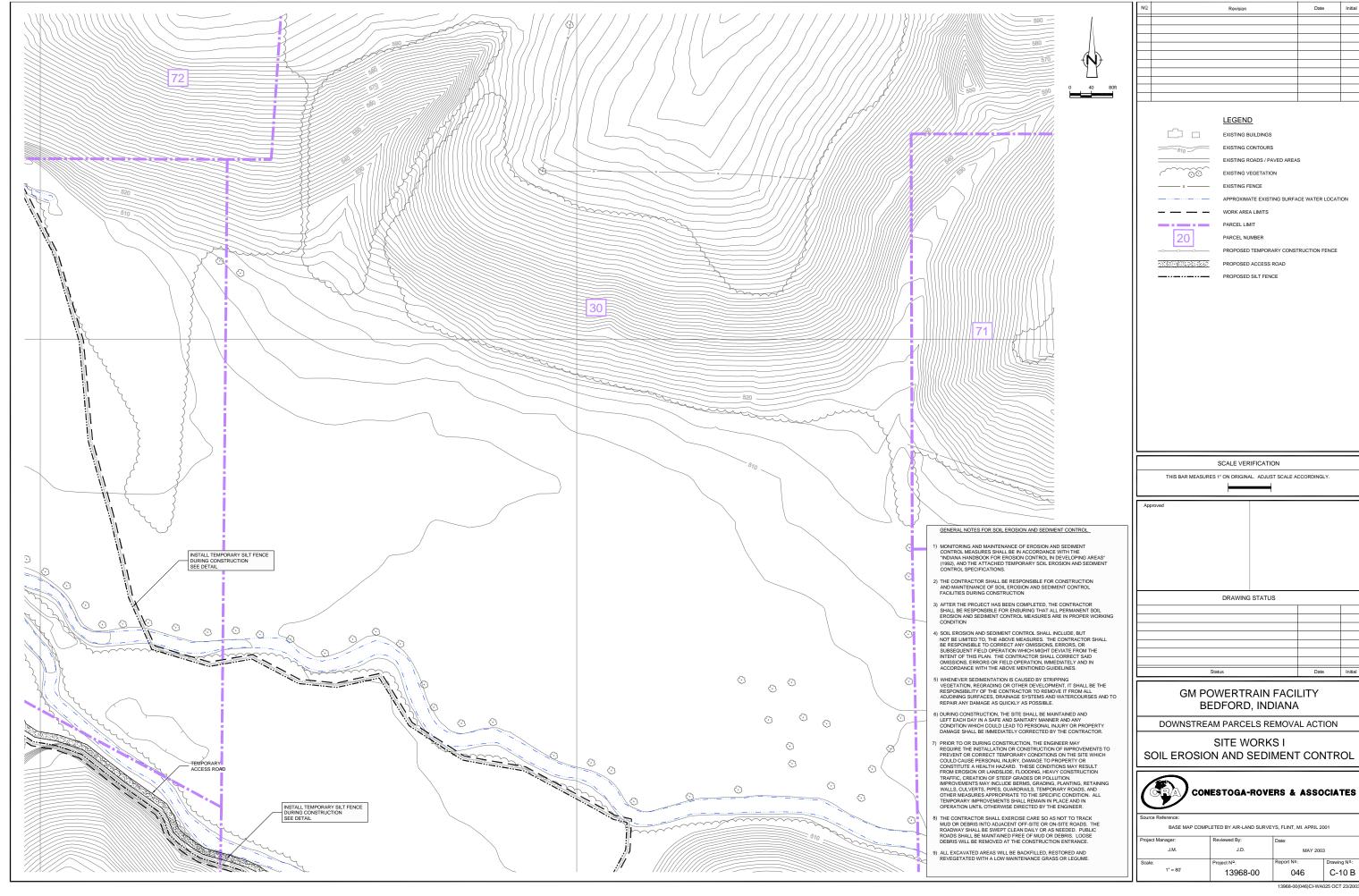


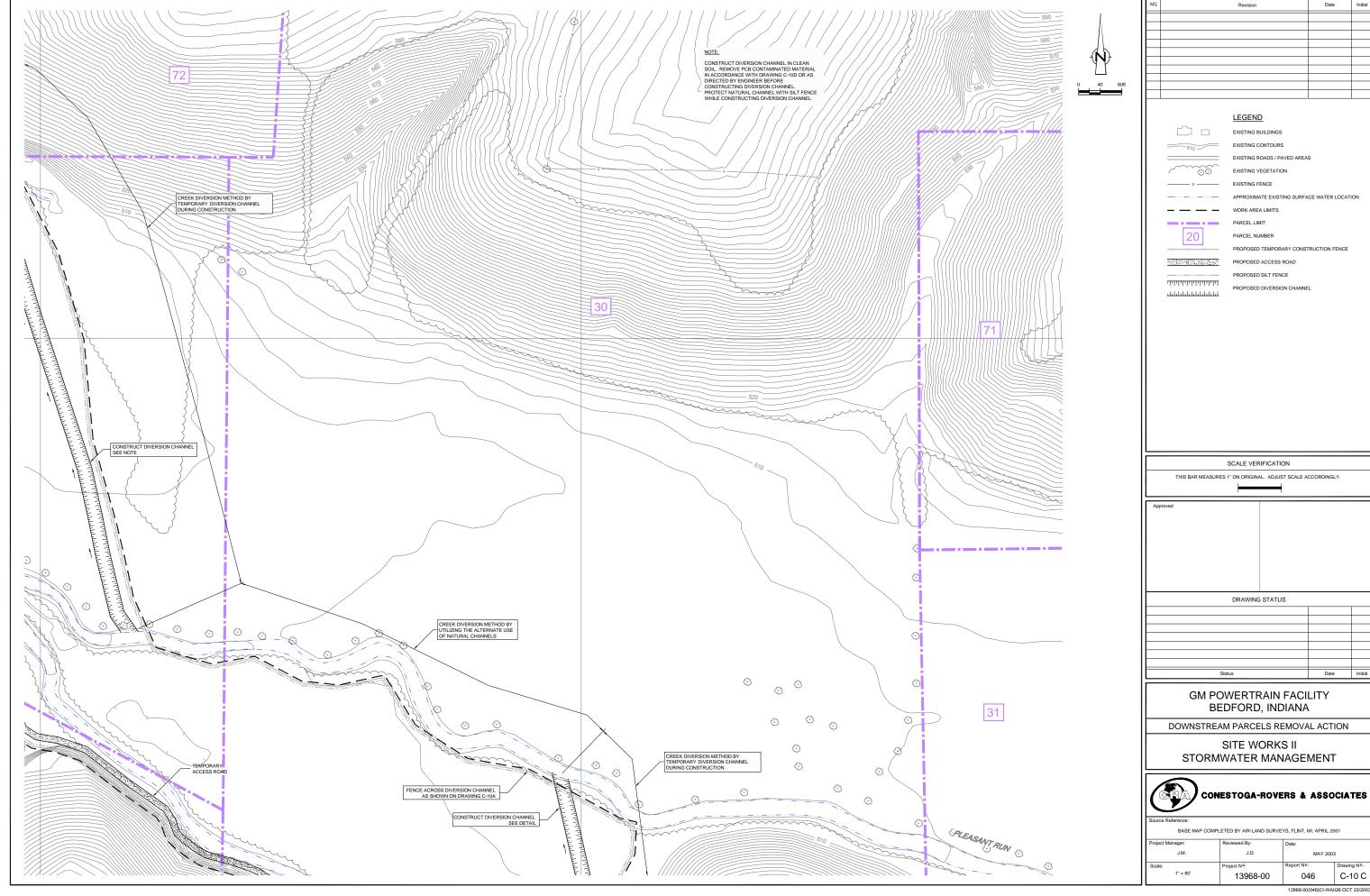


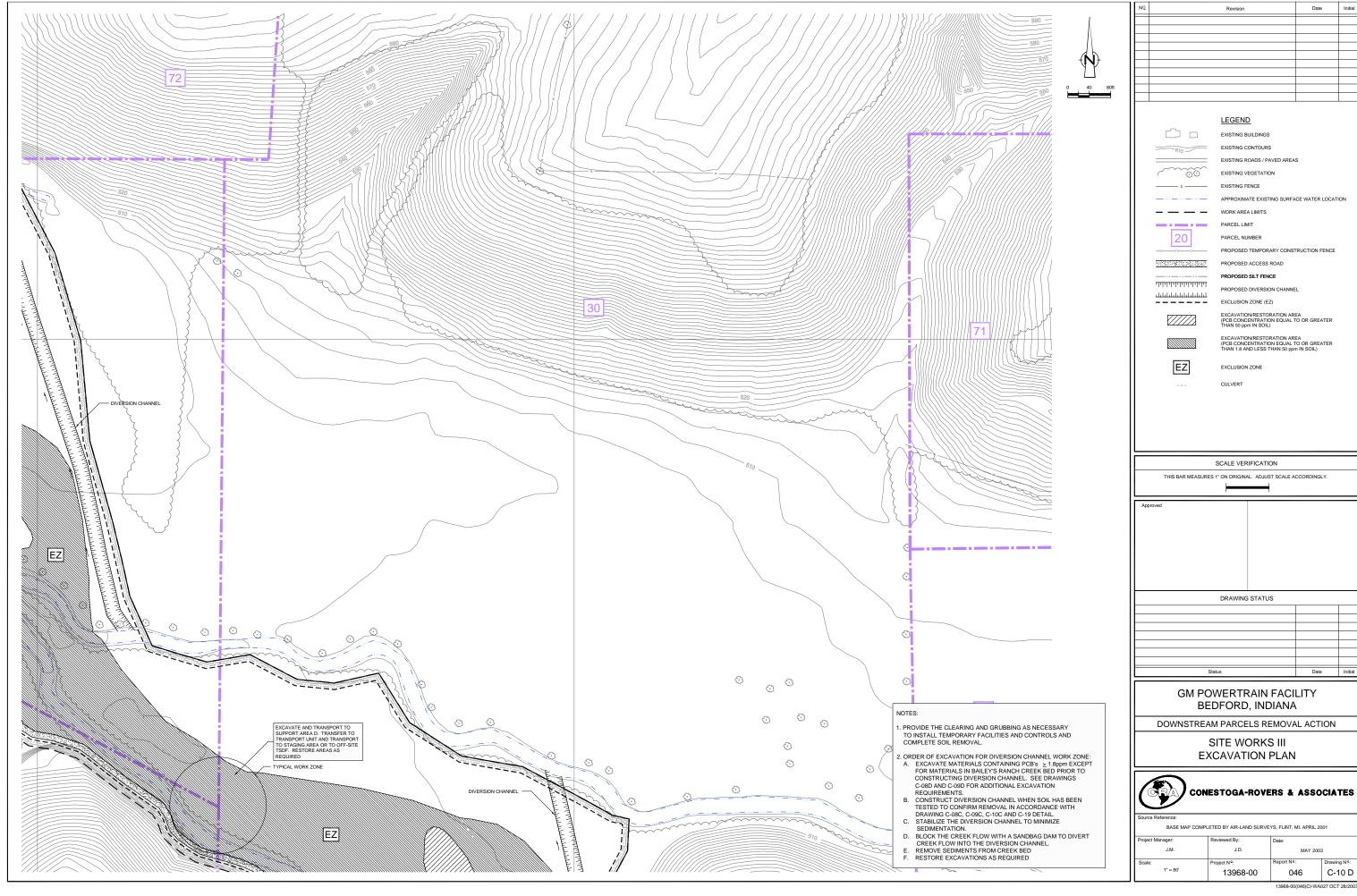


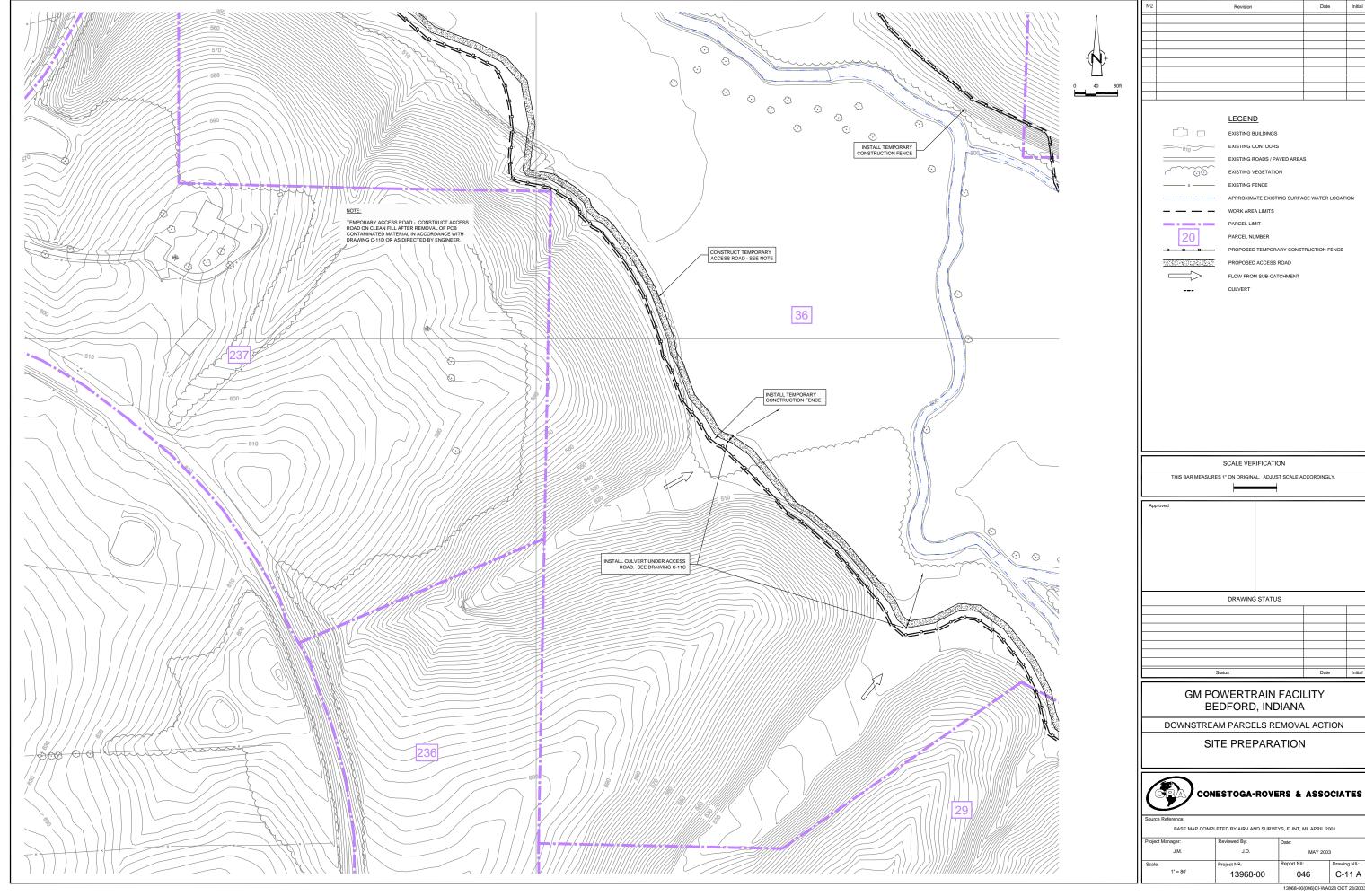






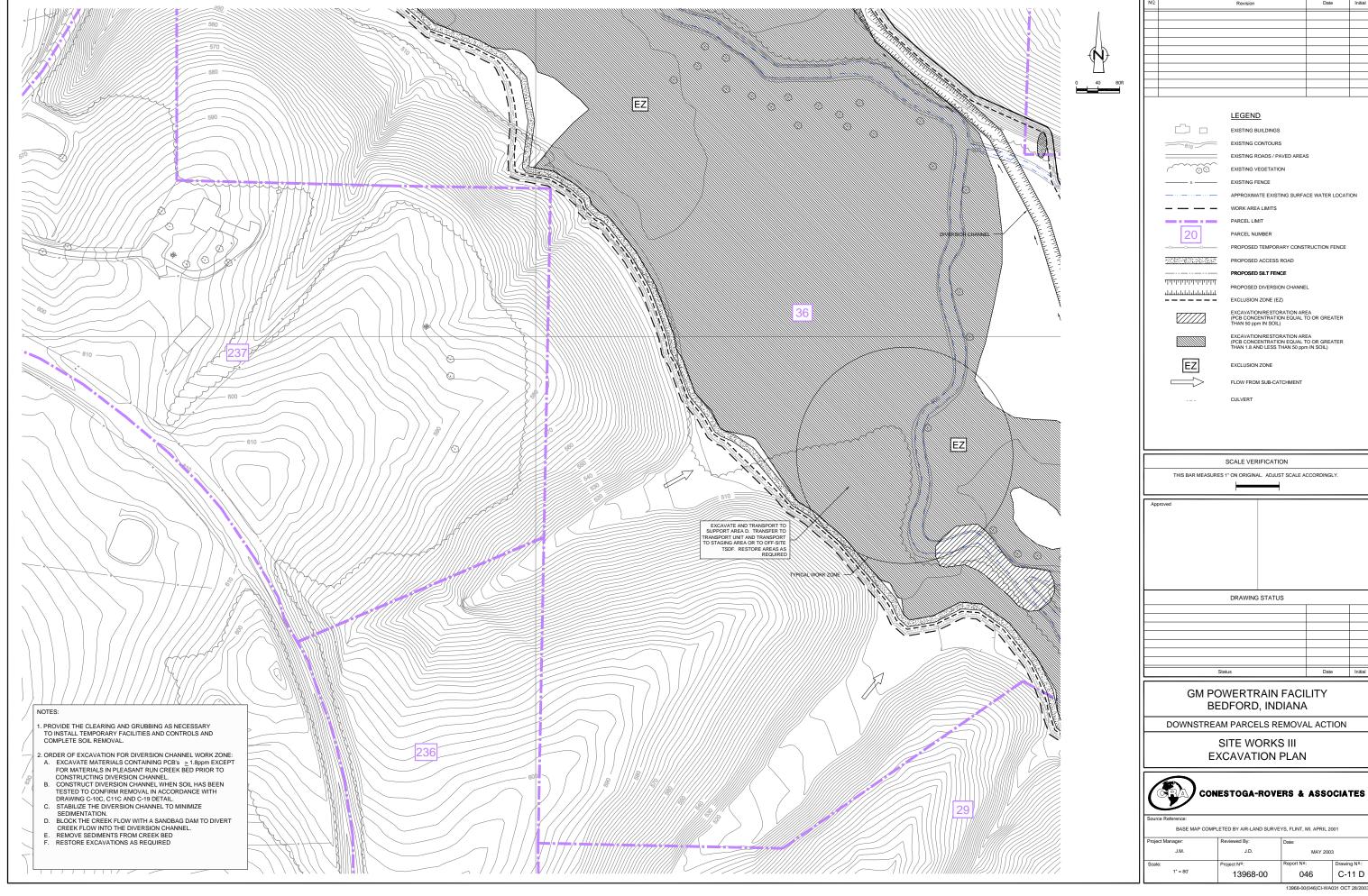


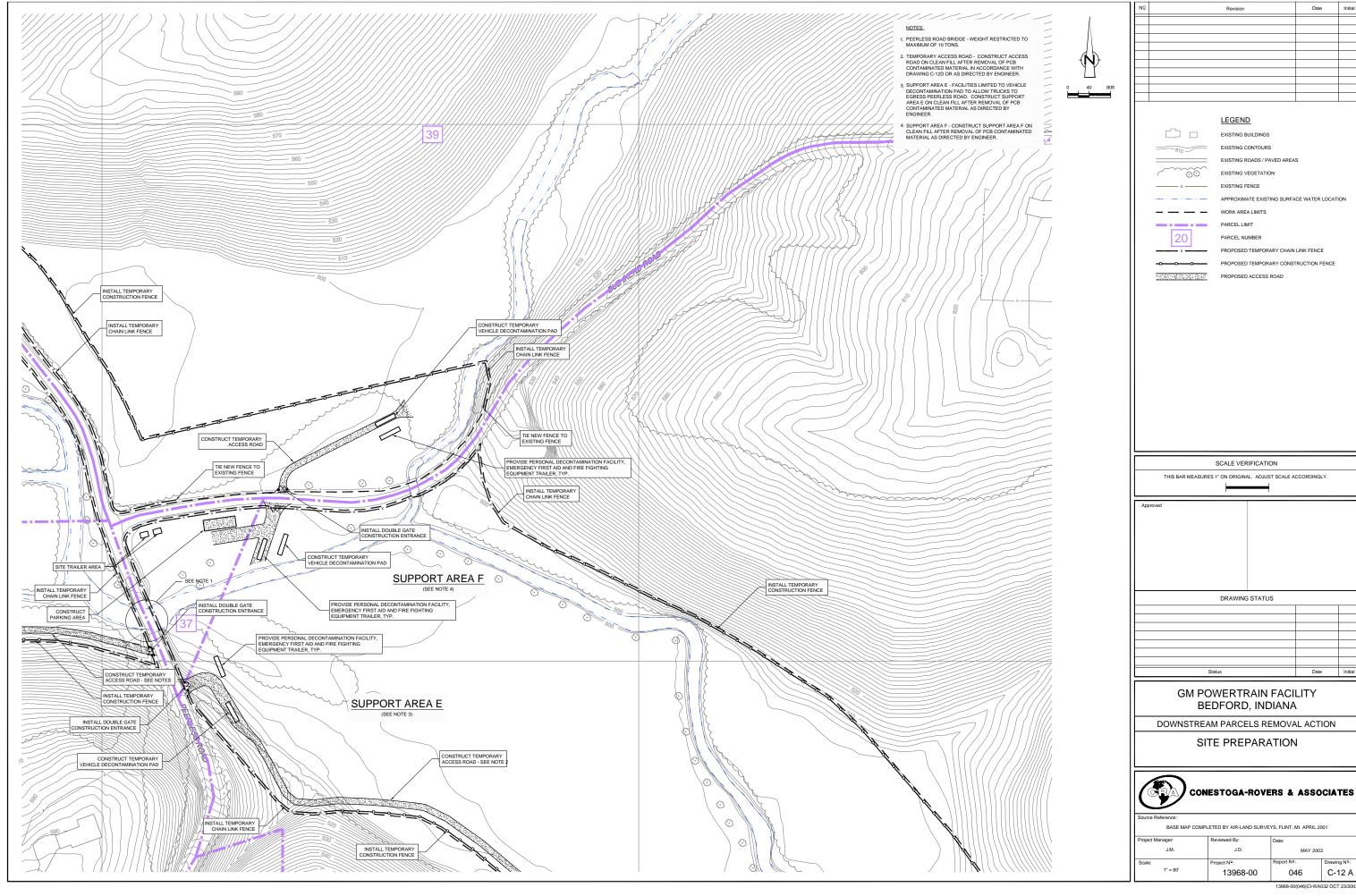


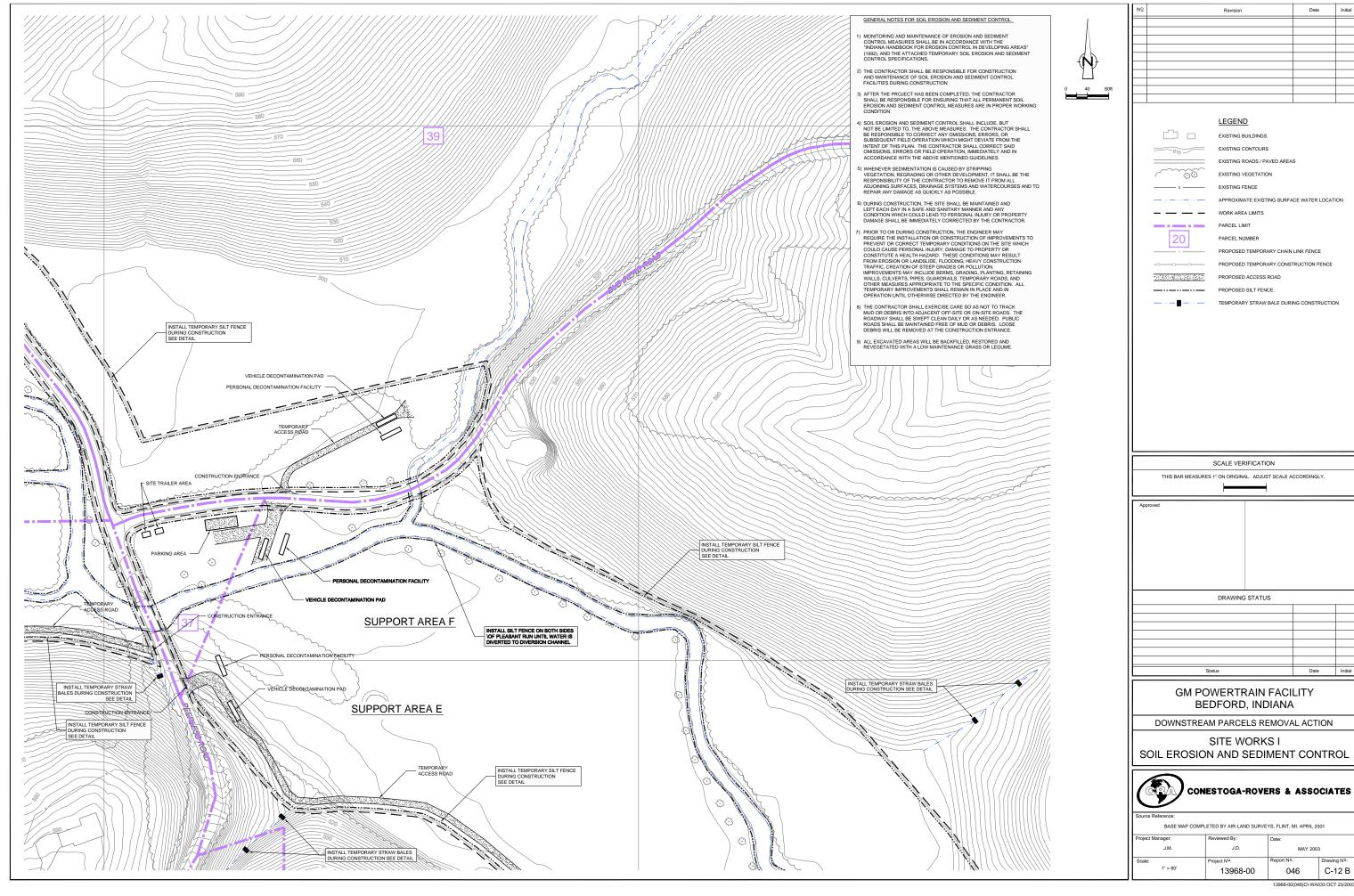


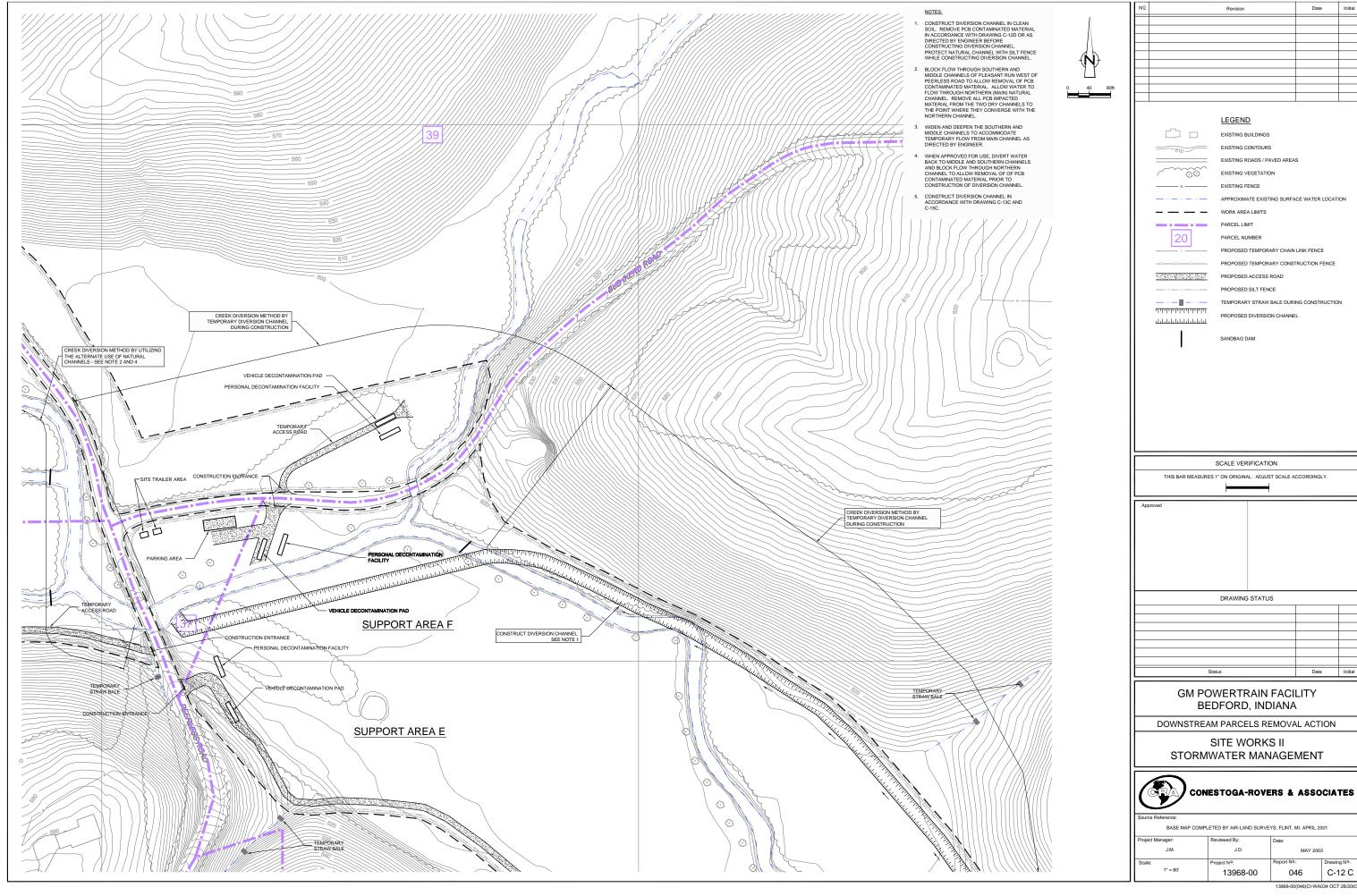


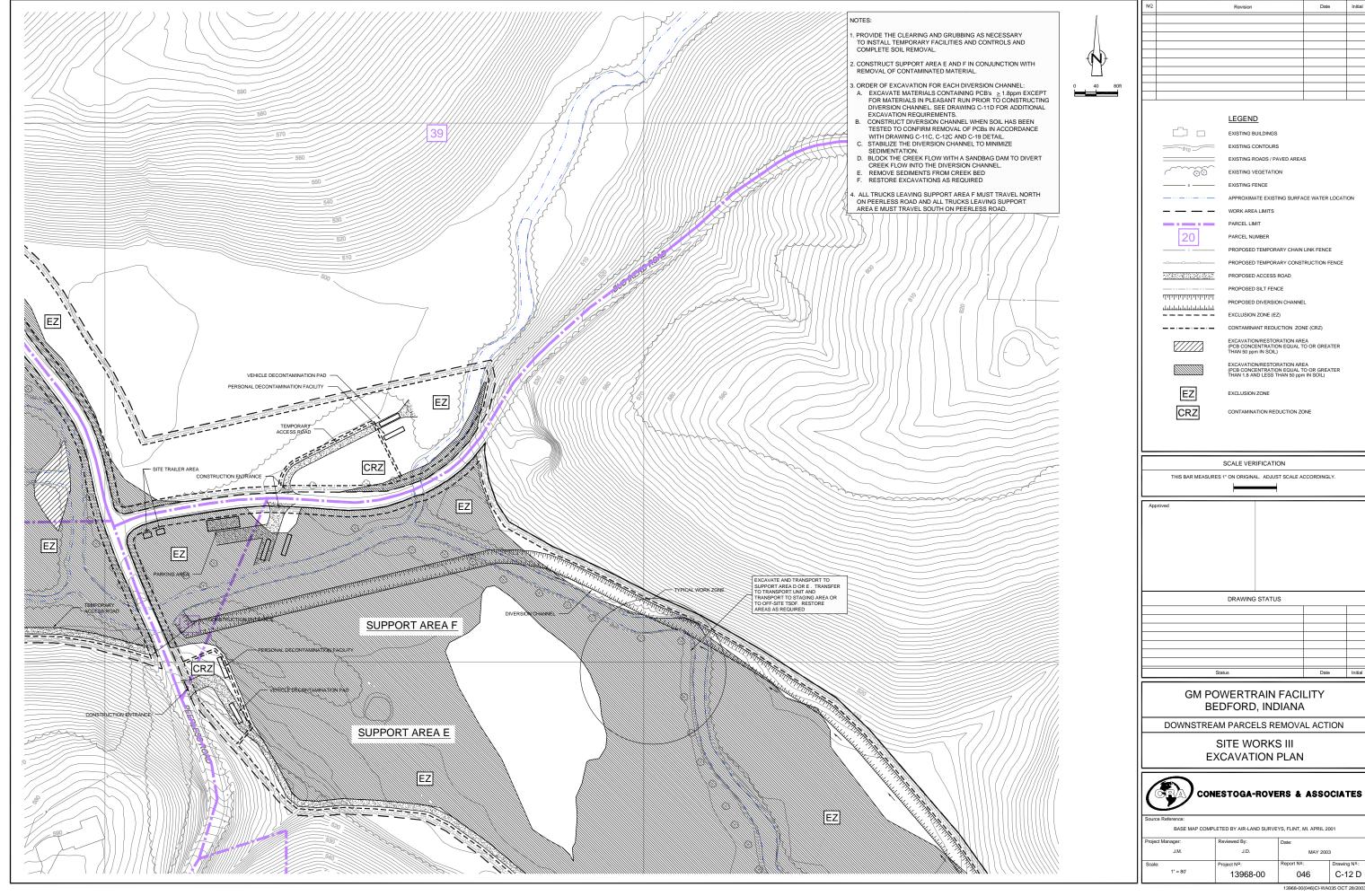


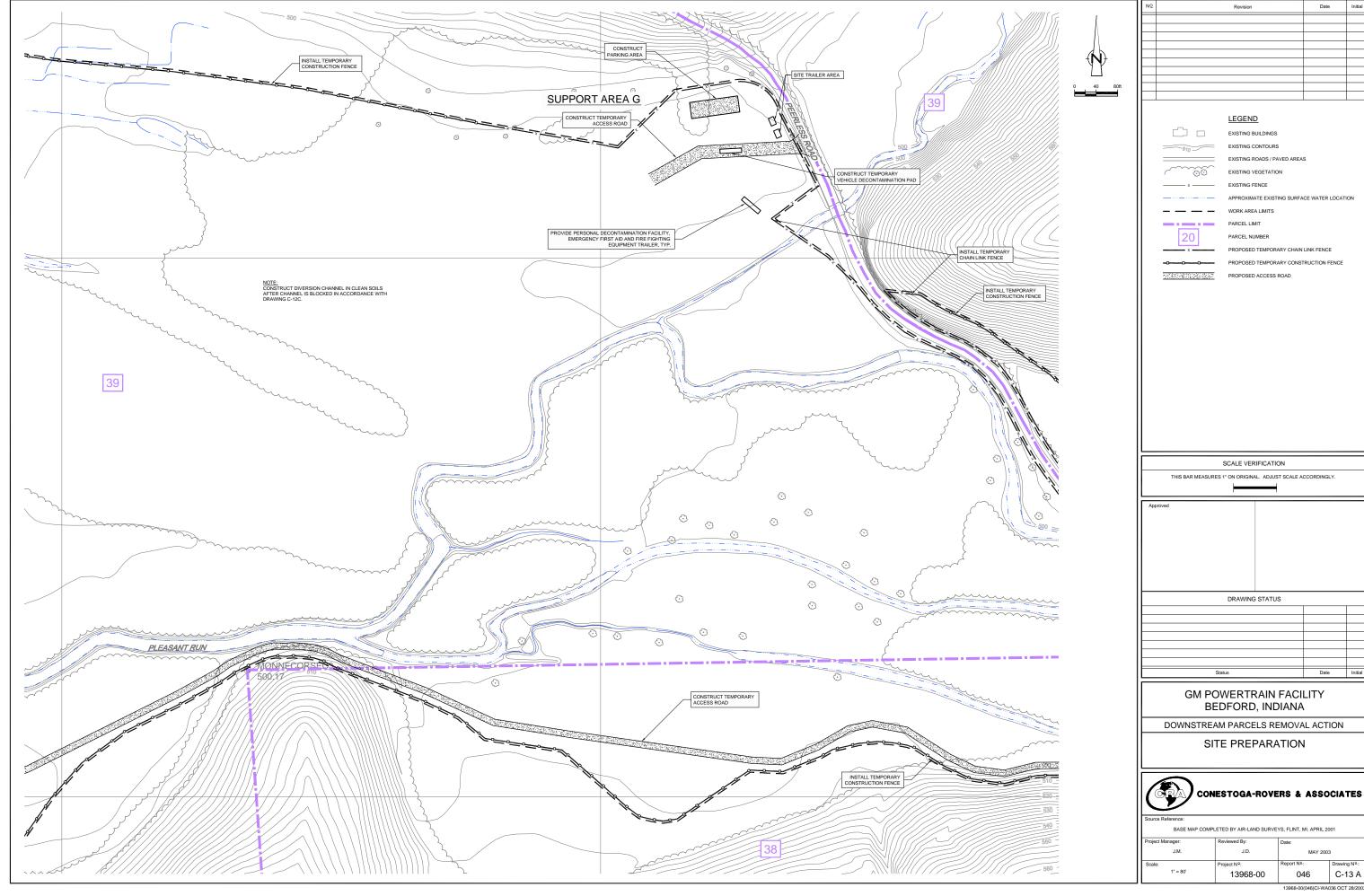


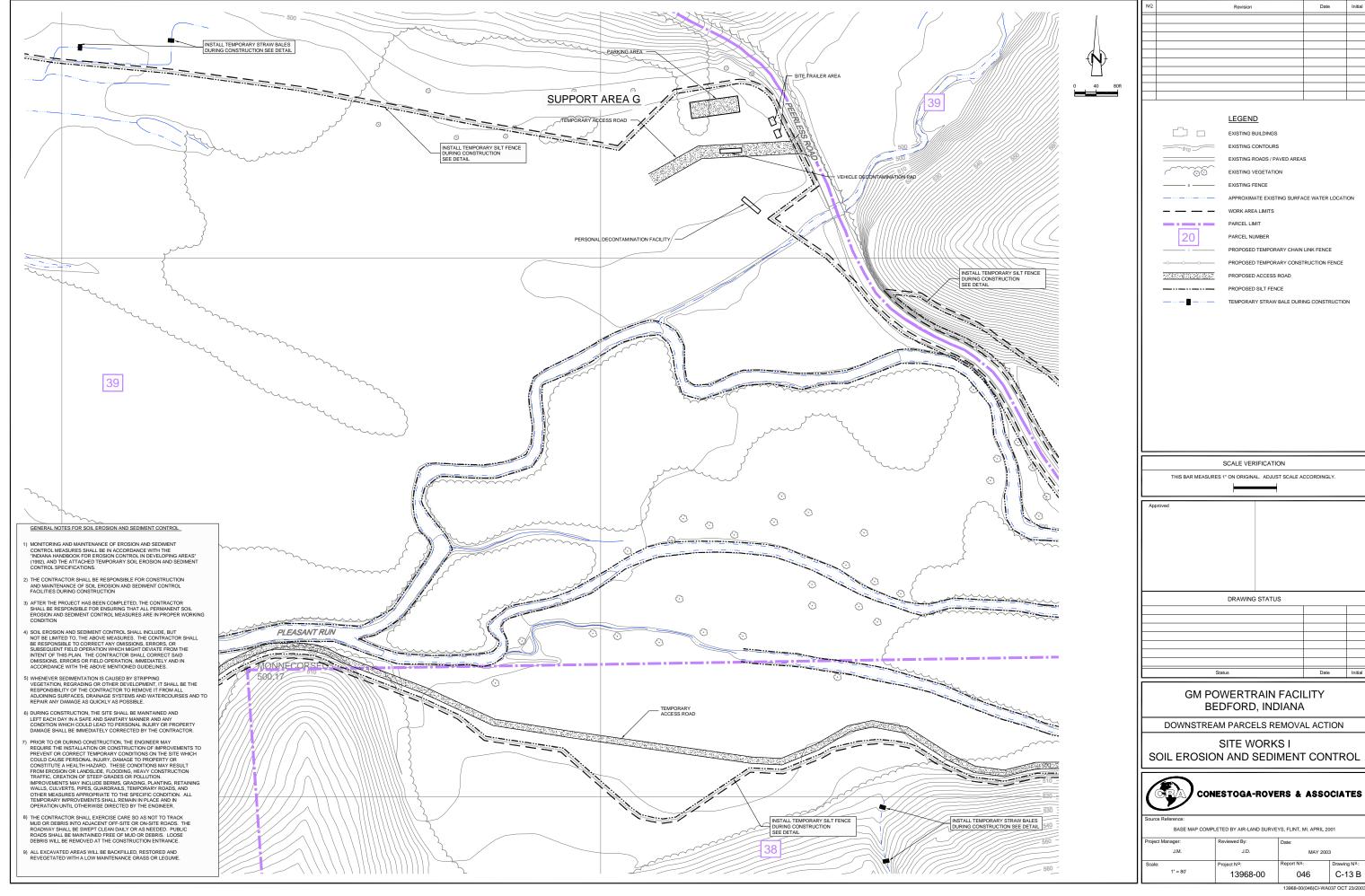


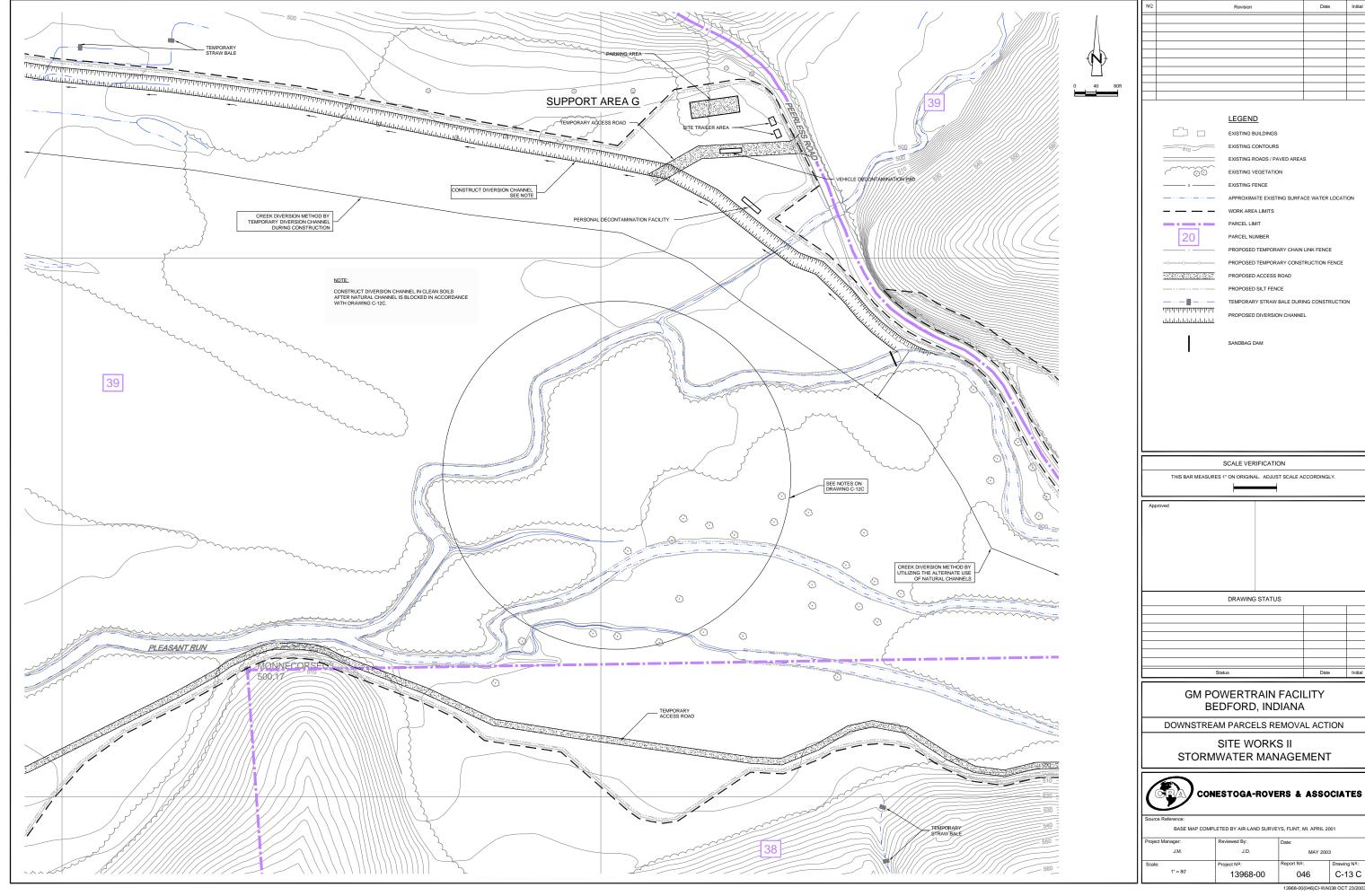


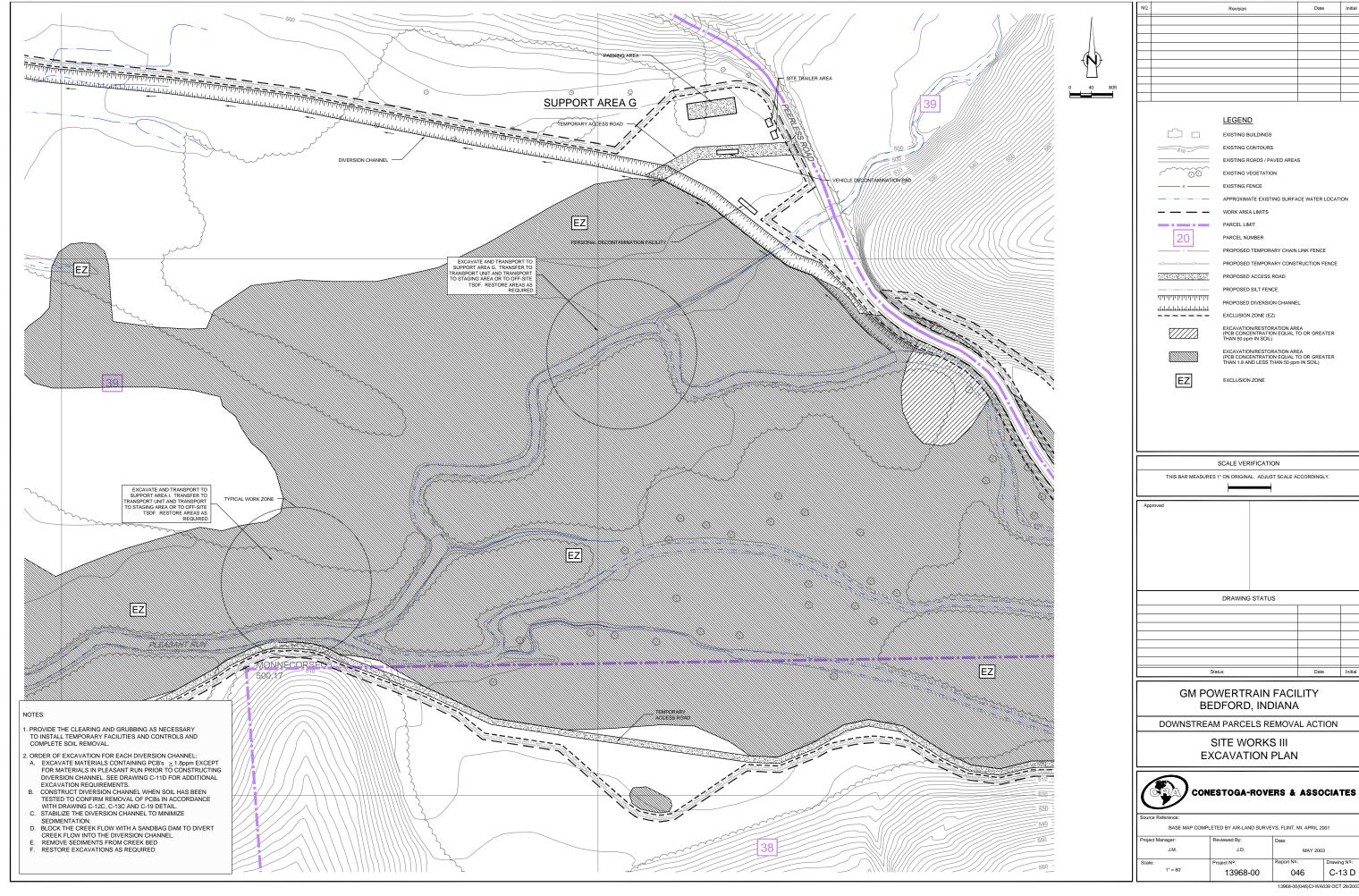


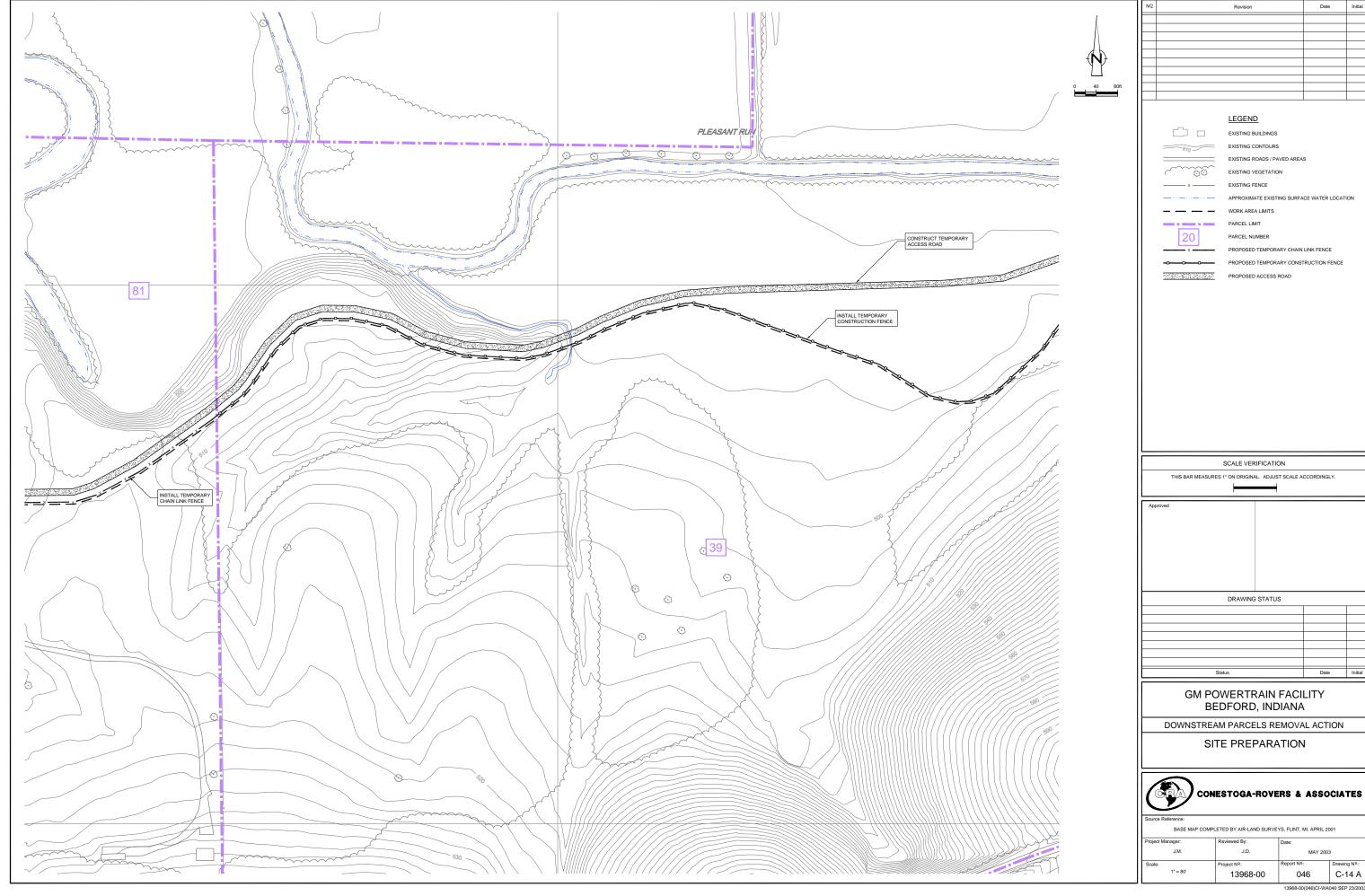


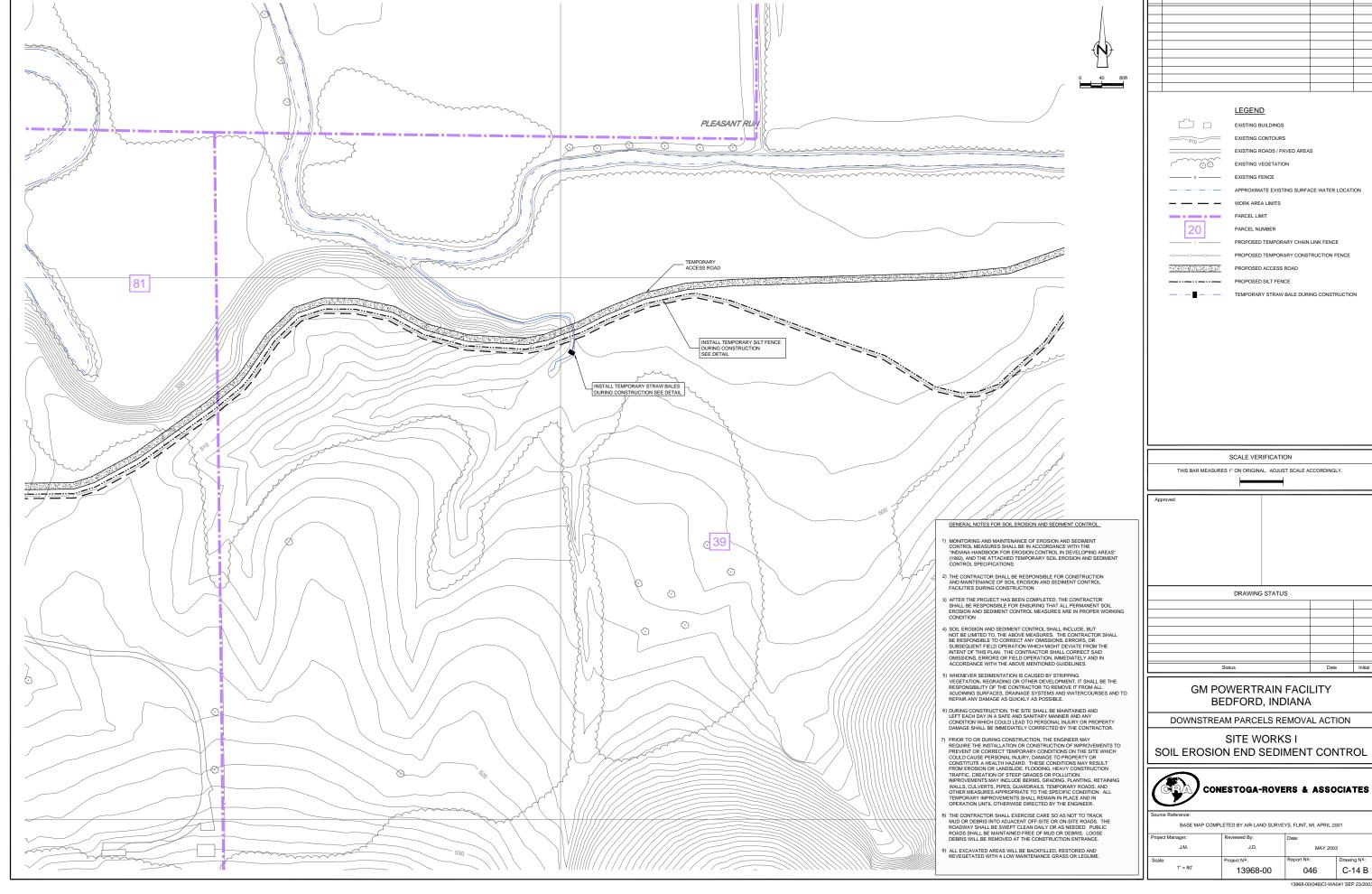


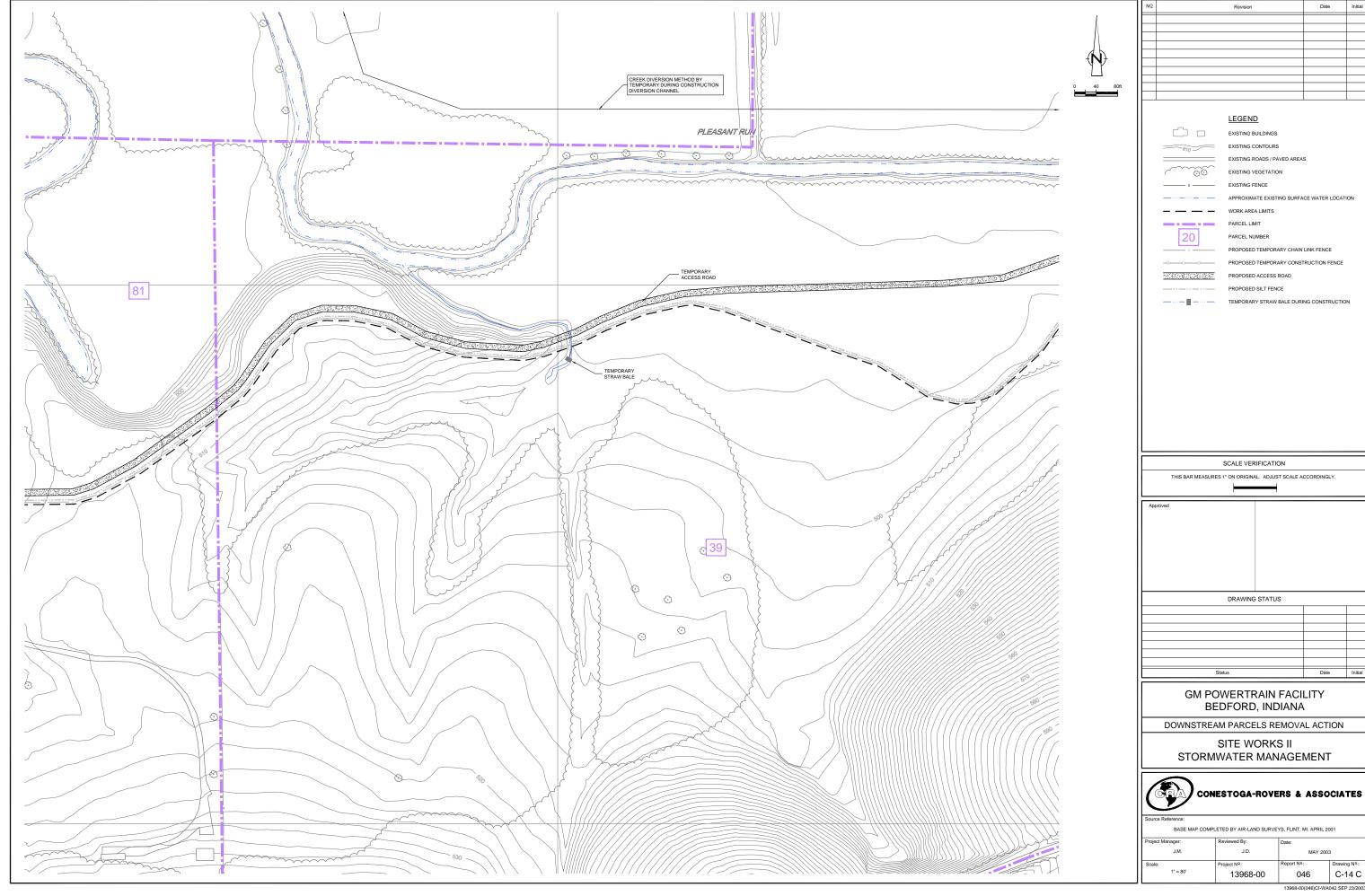


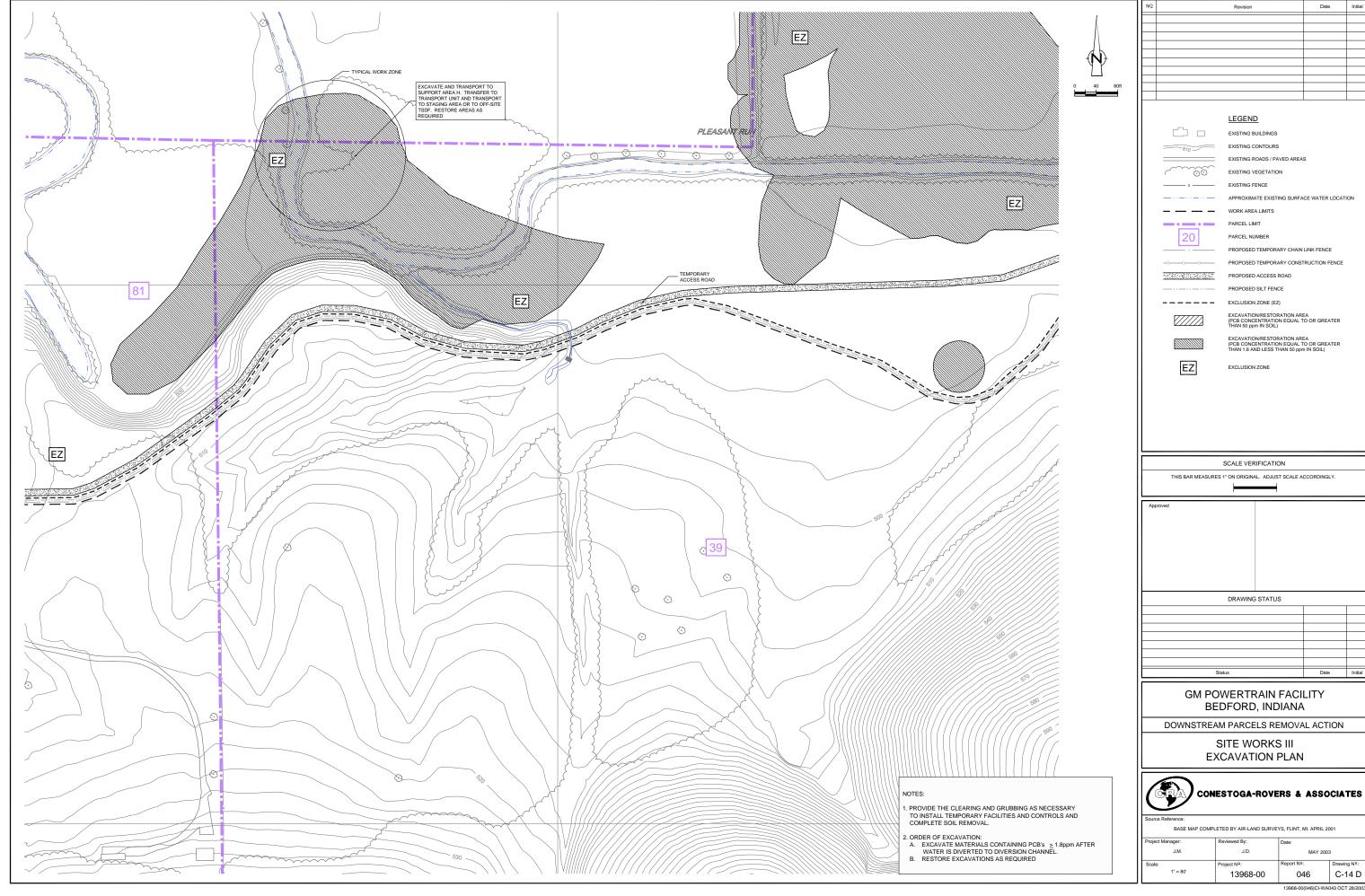


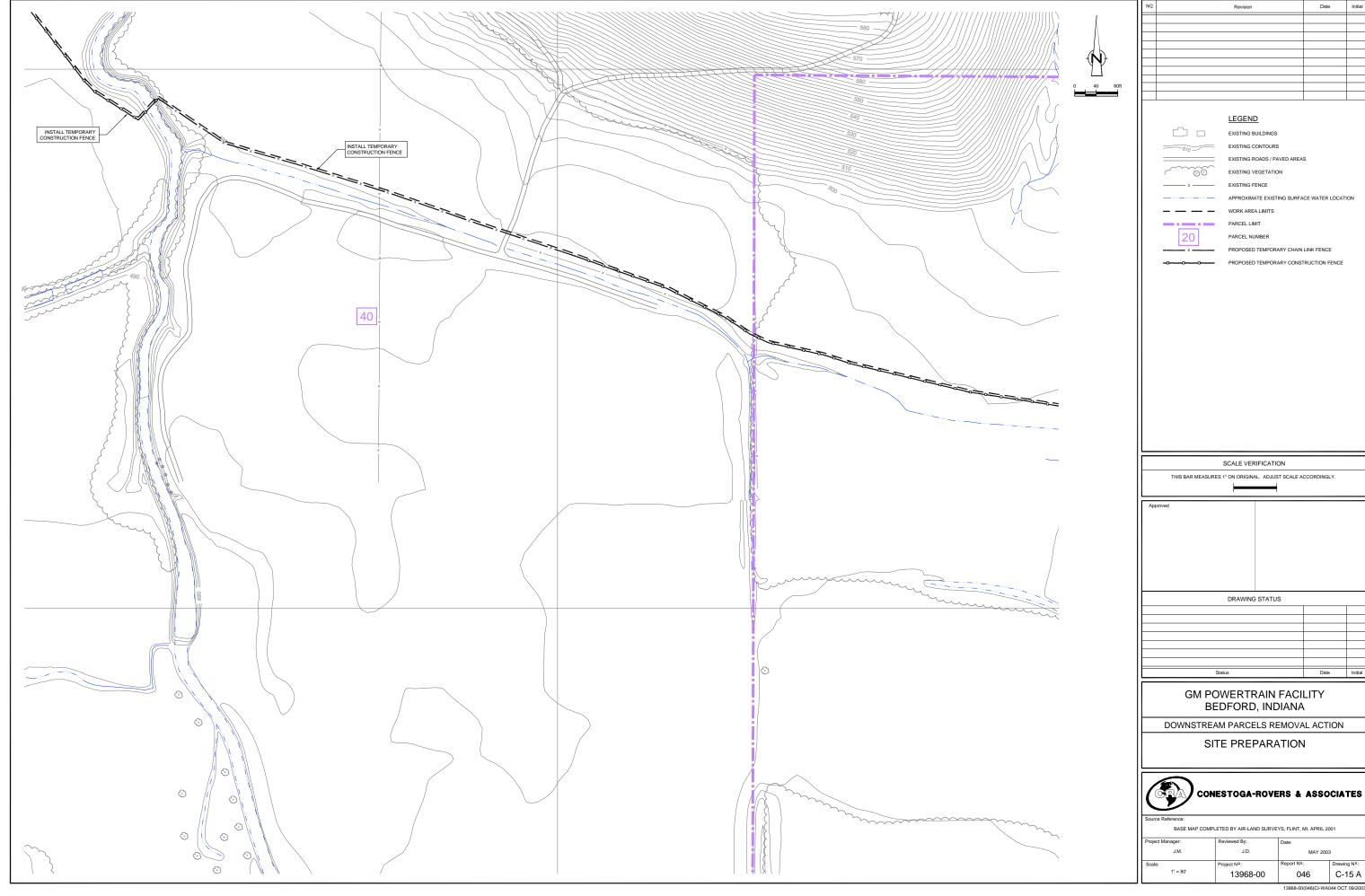


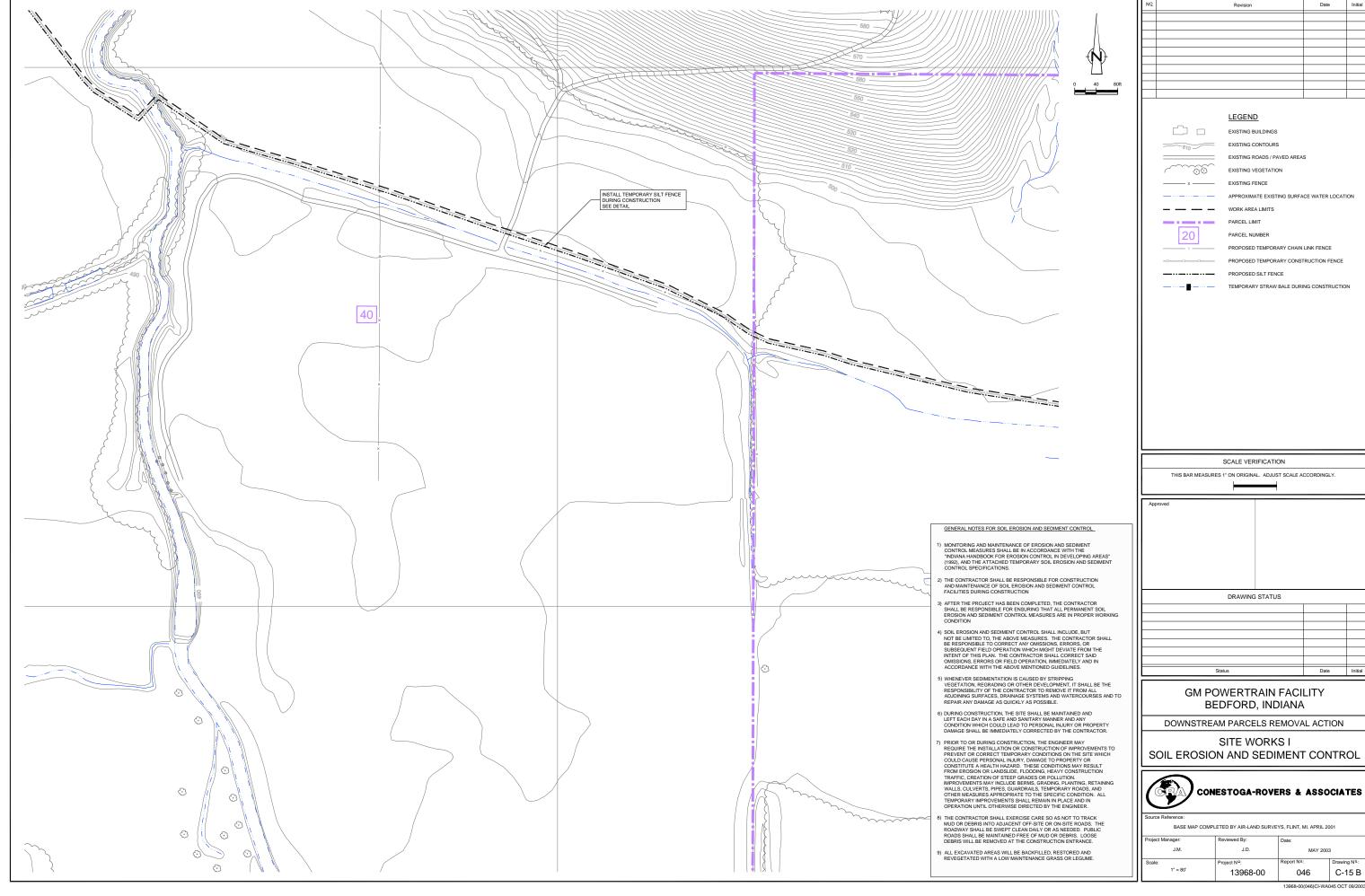


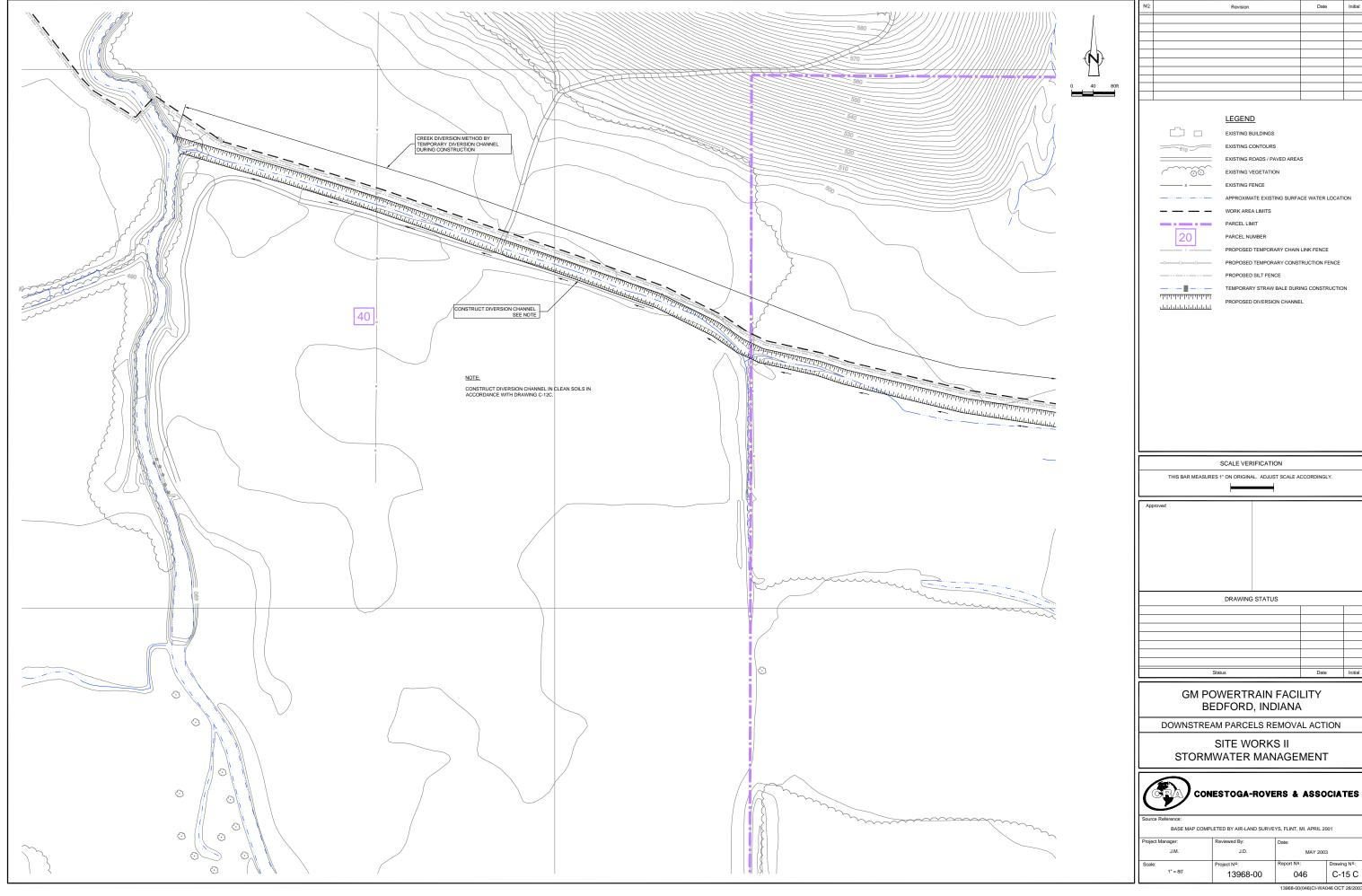


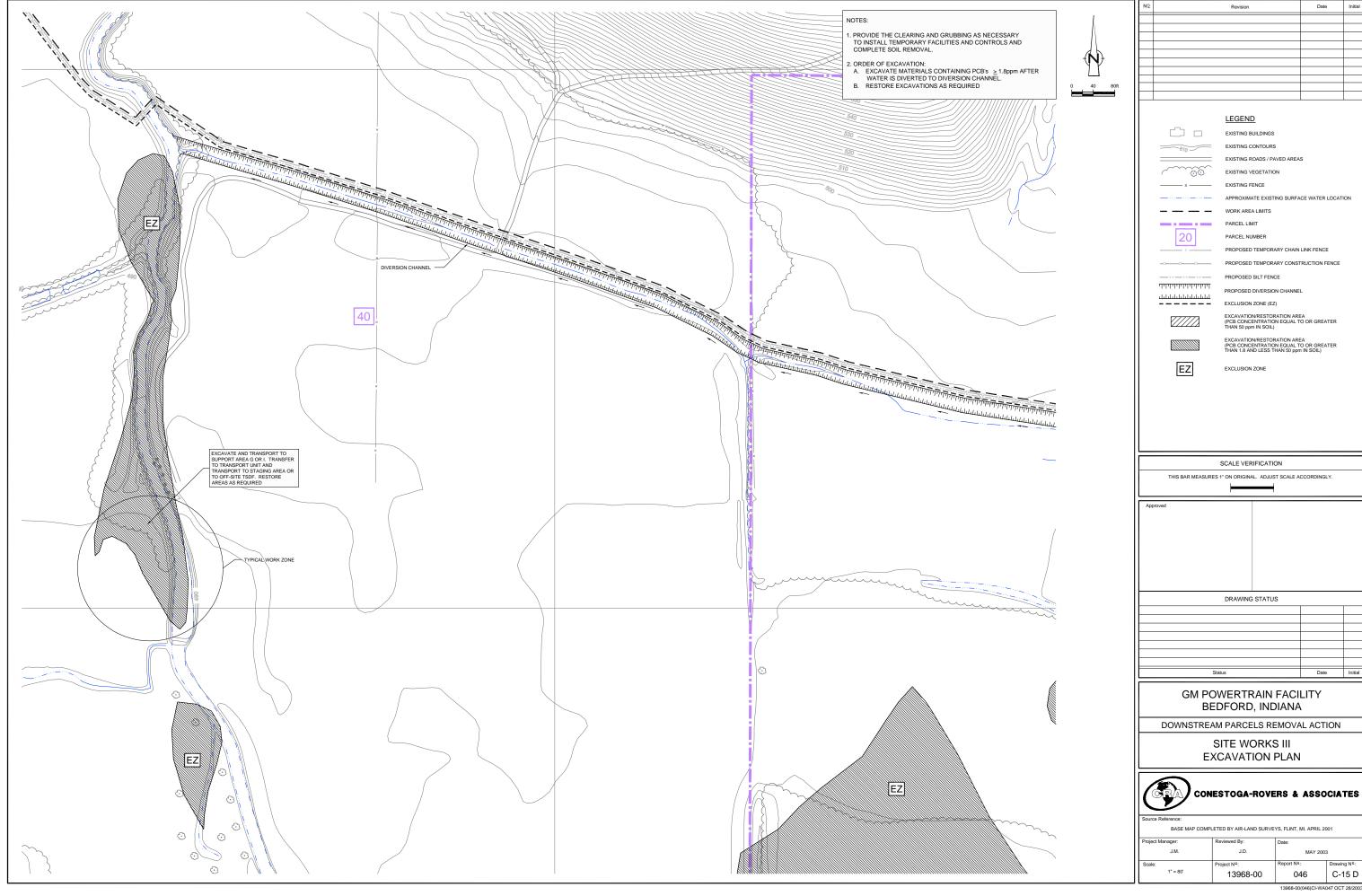




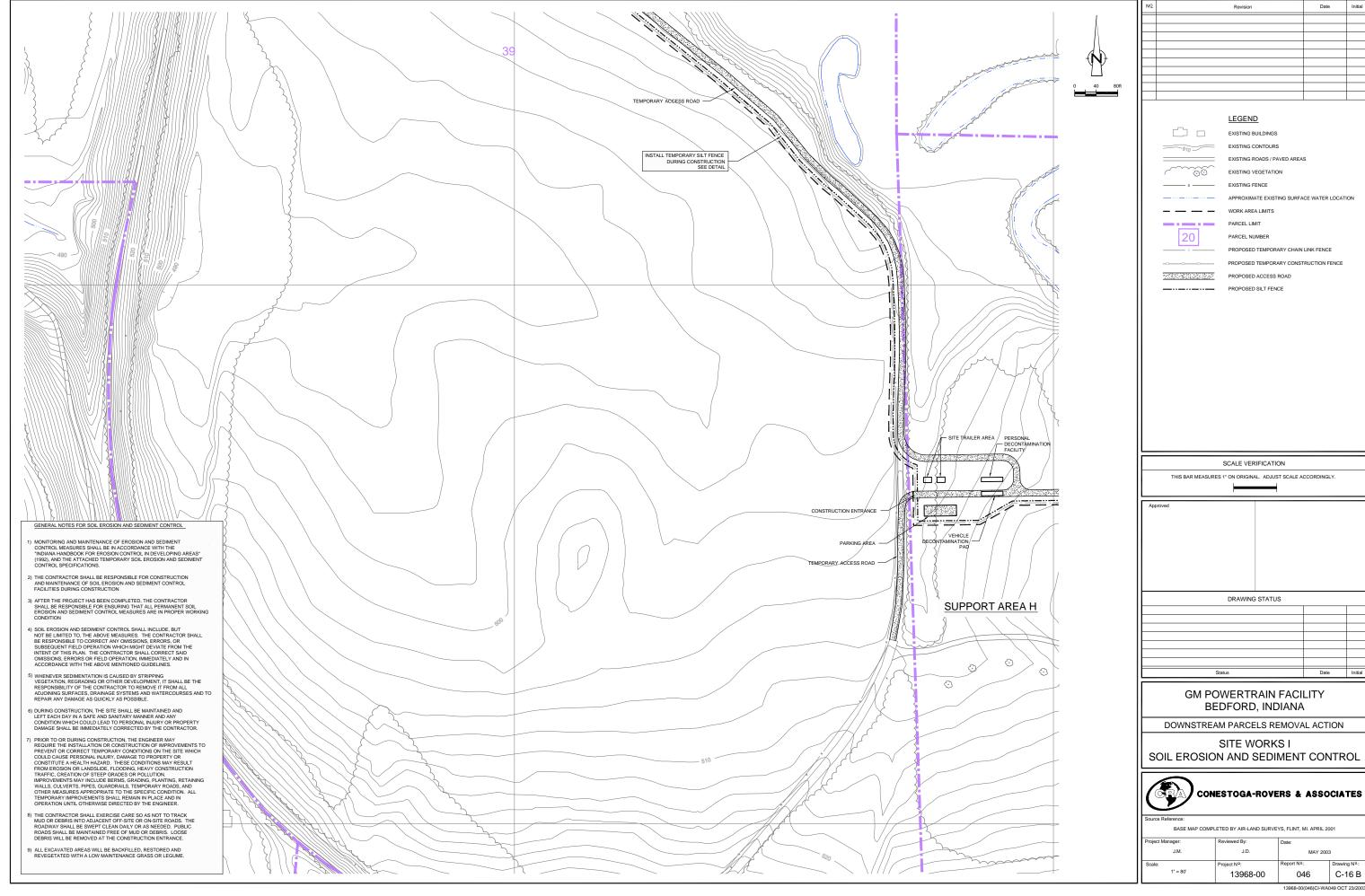


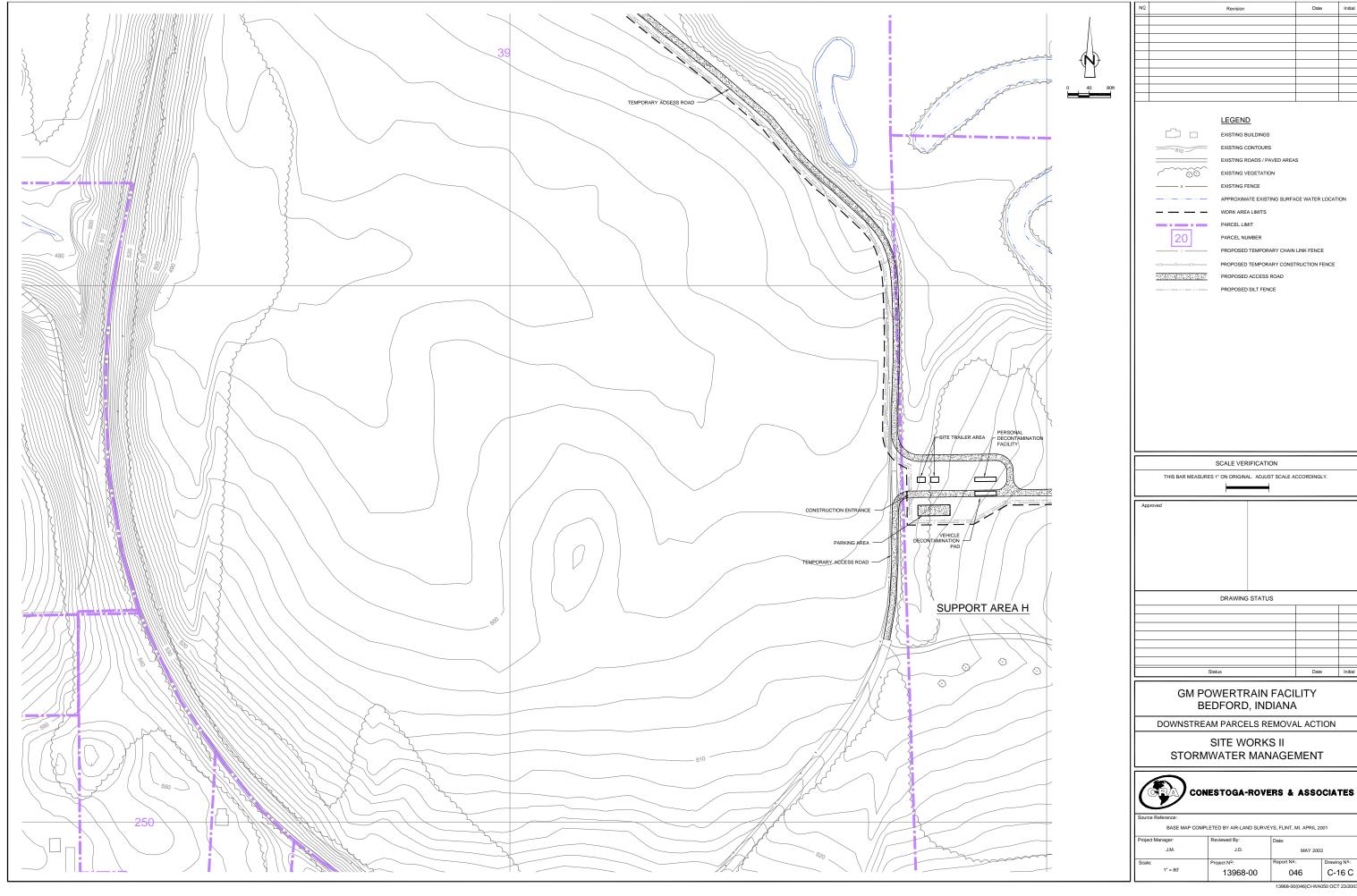


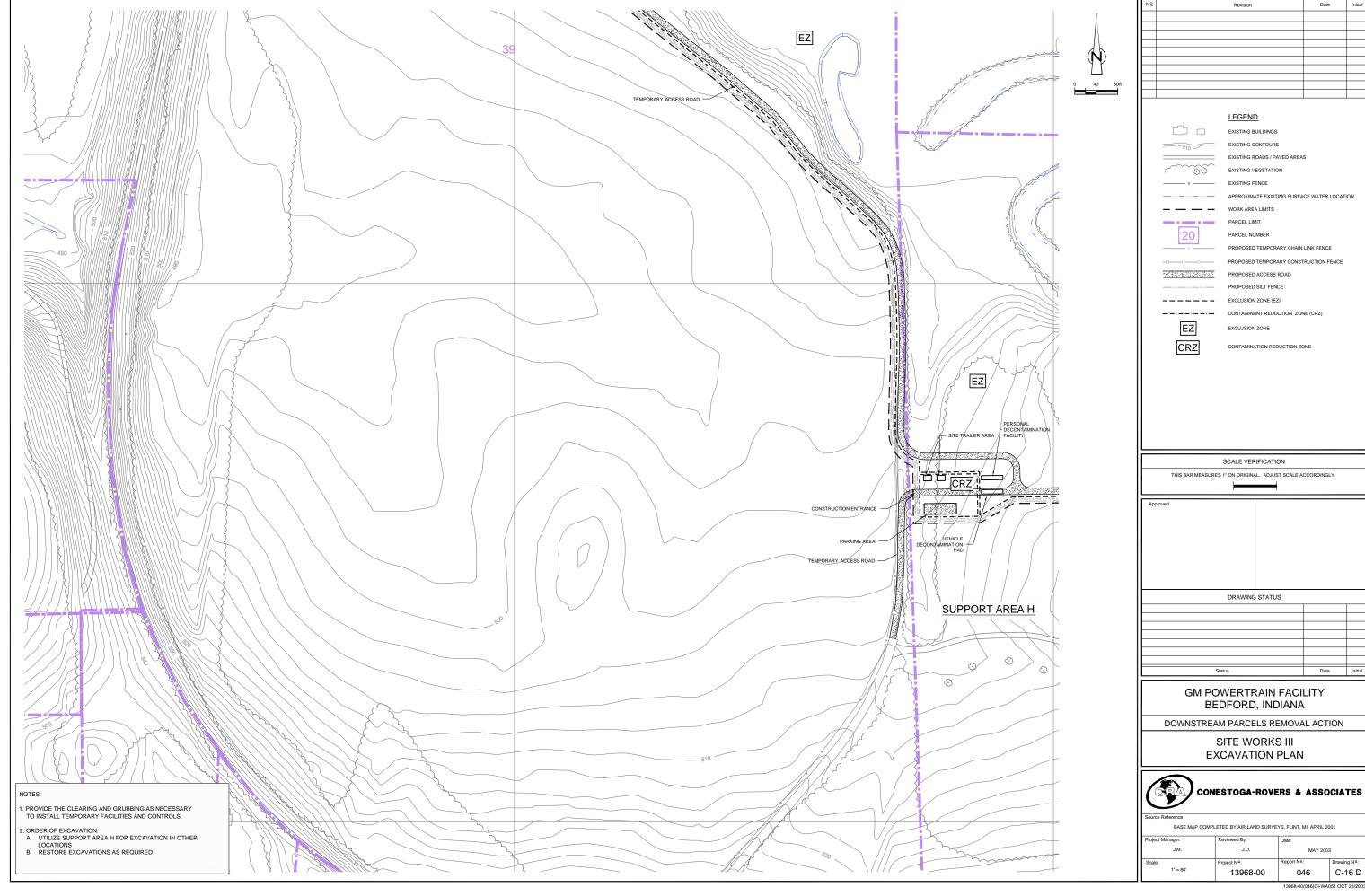


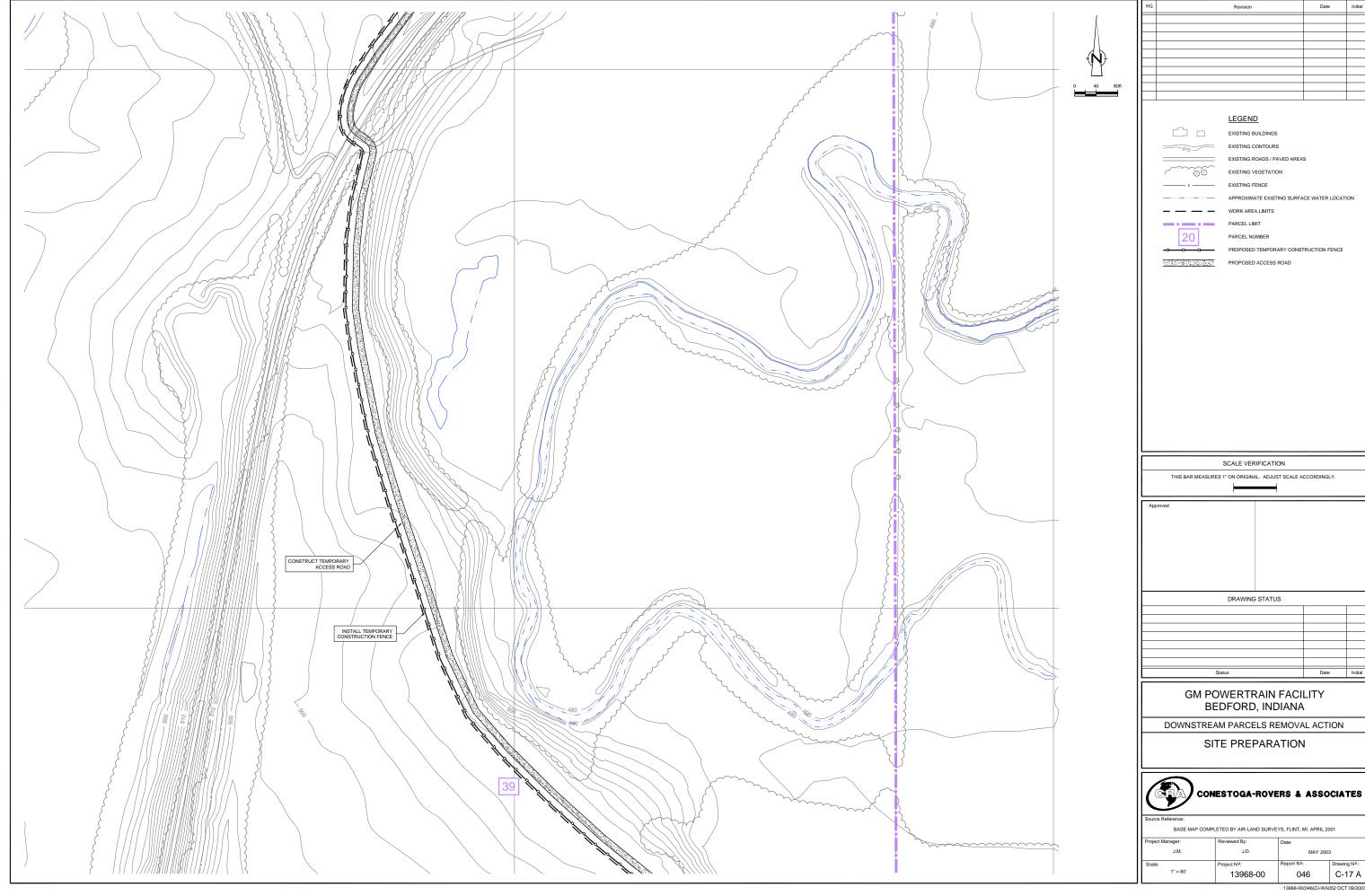








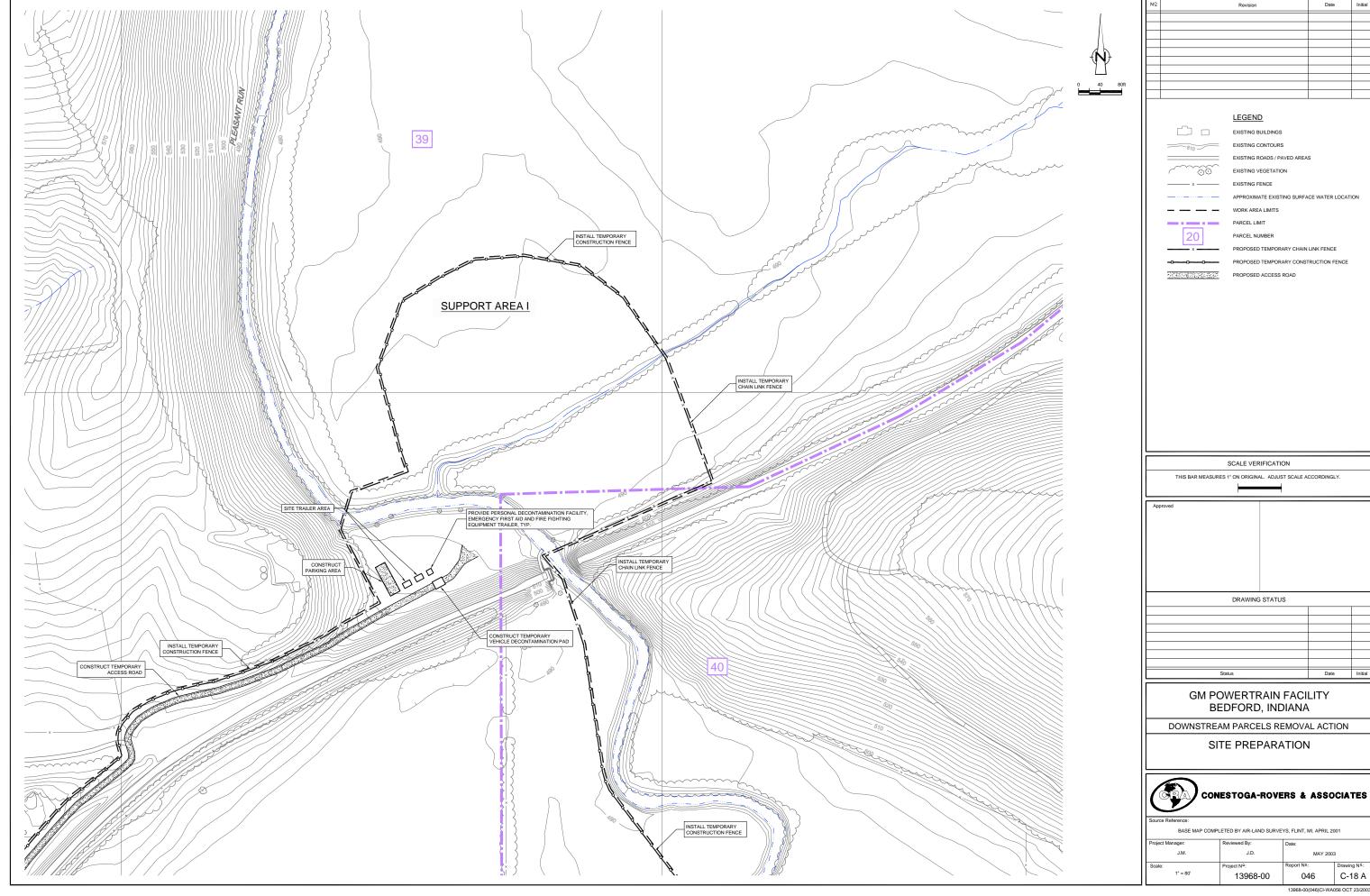


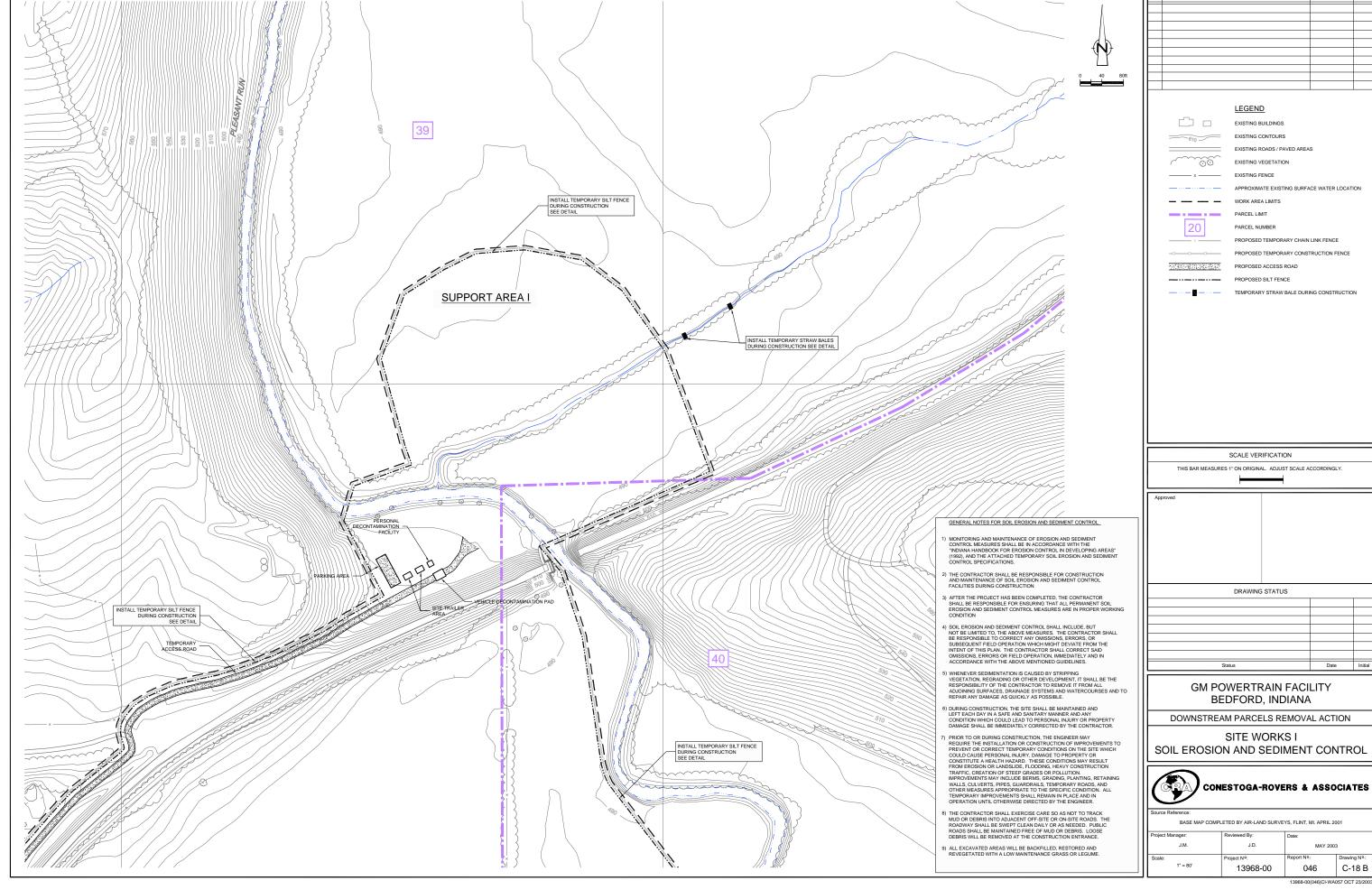


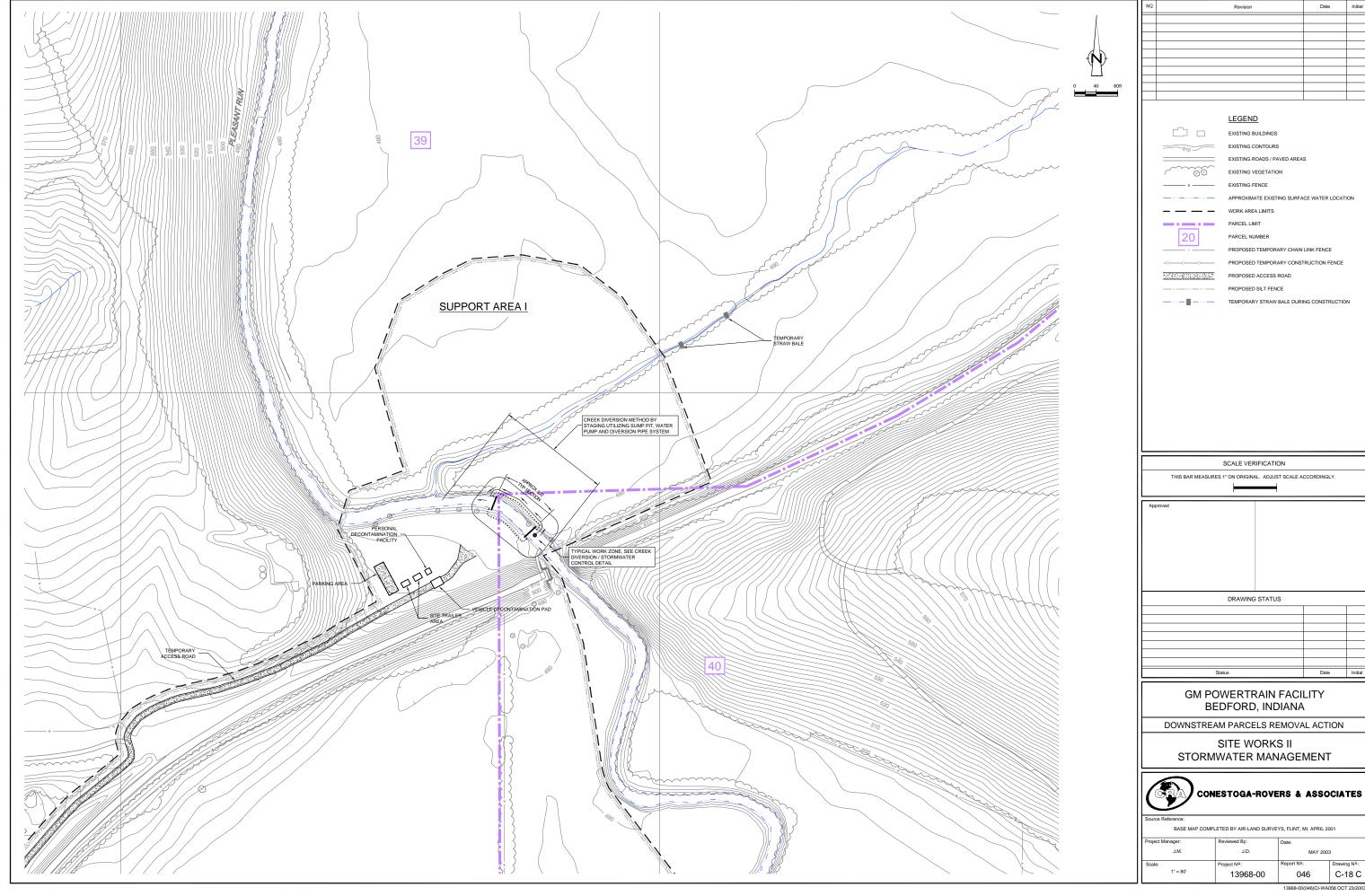


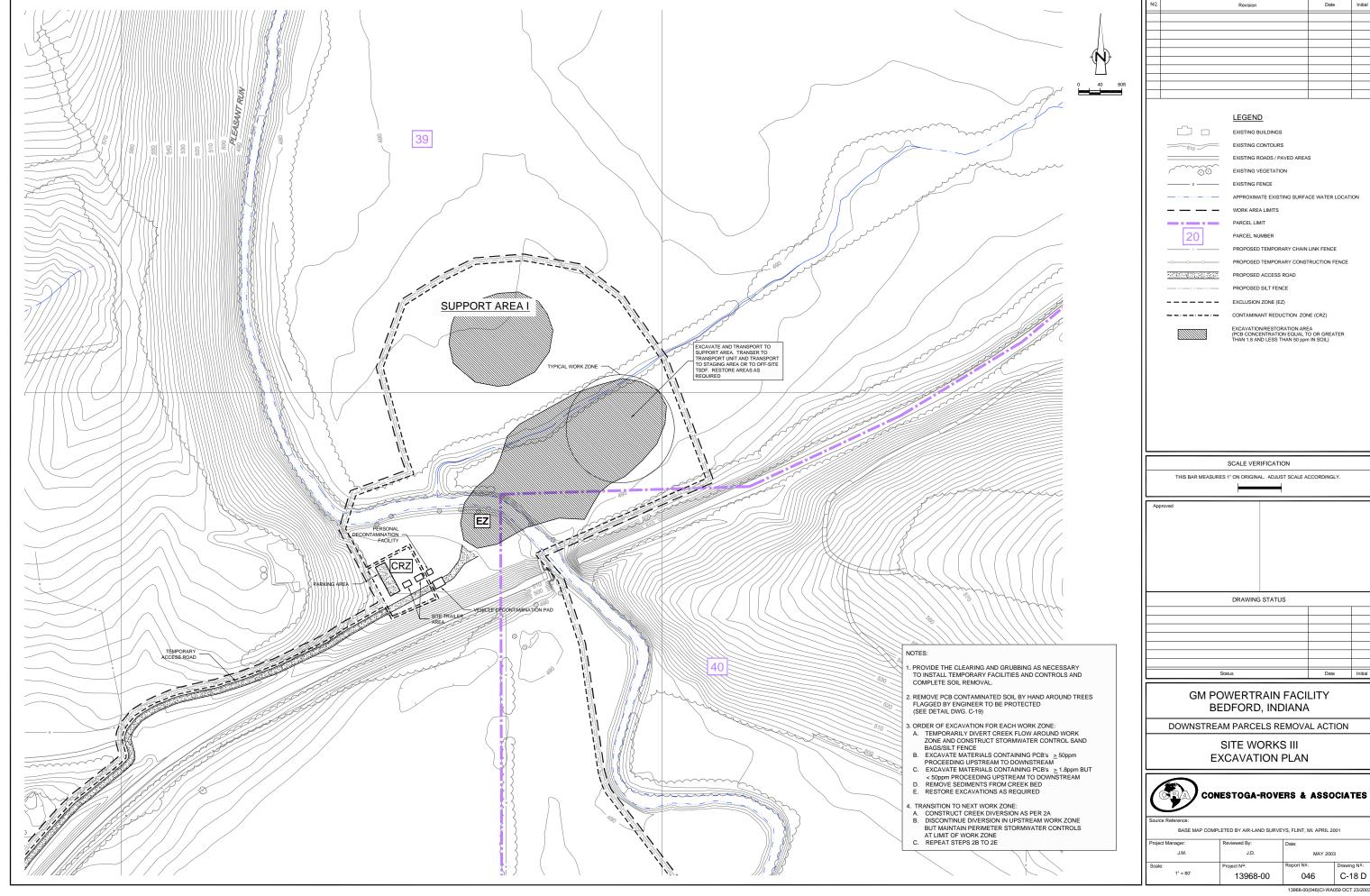


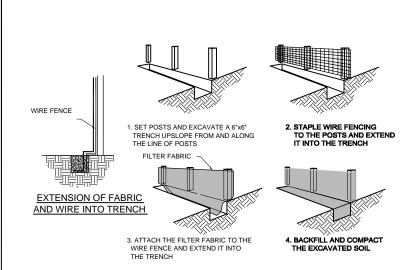




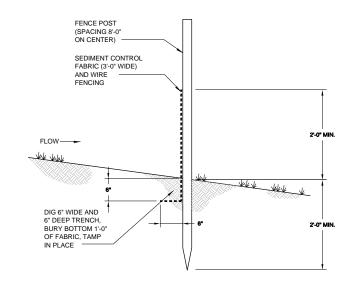




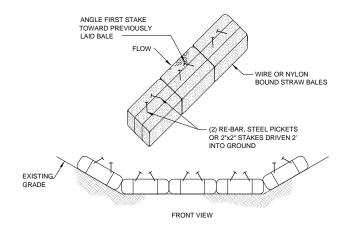




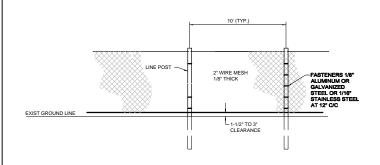
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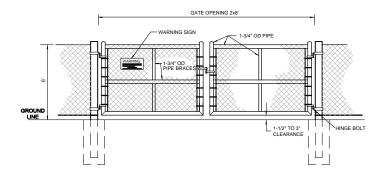
TEMPORARY CONSTRUCTION SILT FENCE DETAIL



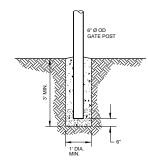
TEMPORARY CONSTRUCTION STRAW BALE DETAIL



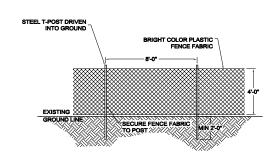
TEMPORARY CONSTRUCTION CHAIN LINK FENCE



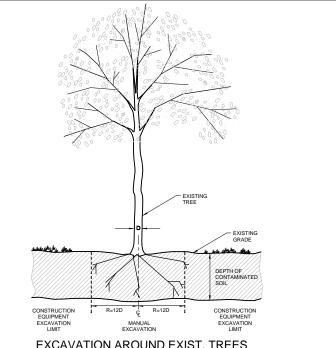
DOUBLE GATE / CONSTRUCTION ENTRANCE



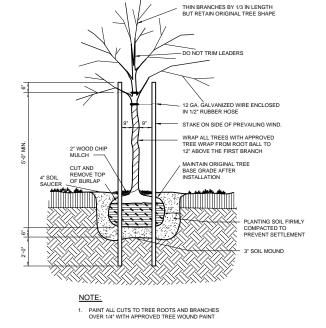
GATE POST DETAIL



TEMPORARY CONSTRUCTION FENCE DETAIL

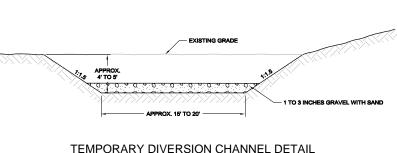


$\underset{\text{NTS}}{\underline{\mathsf{EXCAVATION}}}\, \underbrace{\mathsf{AROUND}}\, \underbrace{\mathsf{EXIST.}}\, \underbrace{\mathsf{TREES}}$

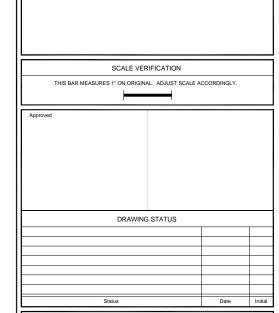


2. DETAIL APPLIES TO TREES 3" CALIPER AND UNDER

TREE PLANTING SECTION



TEMPORARY DIVERSION CHANNEL DETAIL

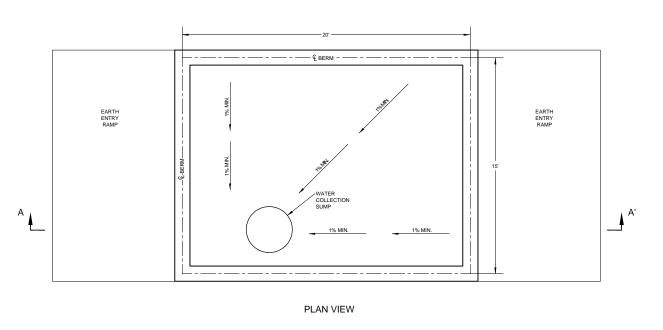


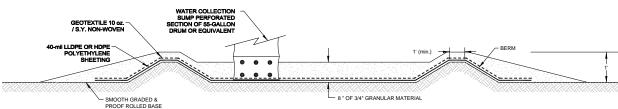
GM POWERTRAIN FACILITY BEDFORD, INDIANA

REMOVAL ACTION

DETAILS SHEET 1 OF 2





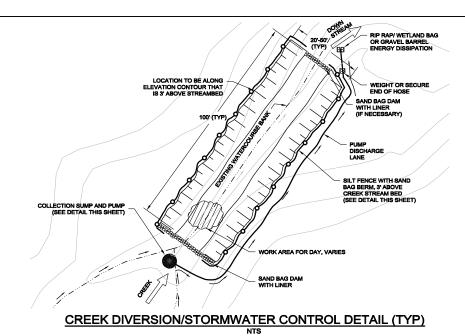


SECTION A-A'

NOTES:

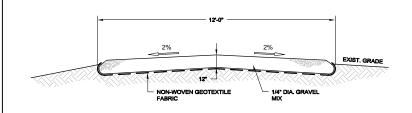
- TEMPORARY DECONTAMINATION PAD TO BE CONSTRUCTED IN SUITABLE
- 2. TEMPORARY DECONTAMINATION PAD GRANULAR MATERIAL AND SEDIMENTS FROM DECONTAMINATING EXCAVATION EQUIPMENT TO BE BACKFILLED WITHIN ON-SITE CONSOLIDATION AREA.

TYPICAL TEMPORARY VEHICLE DECONTAMINATION PAD DETAIL

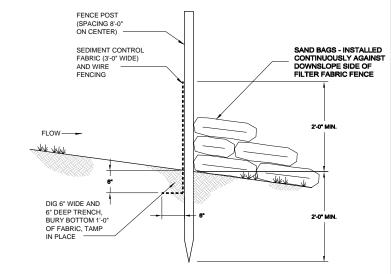


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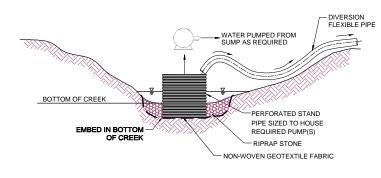
- 1. INSTALL UPSTREAM SANDBAG (OR EQUIVALENT) CHECK DAM WITH GEOTEXTILE LINER ACROSS WATERCOURSE AND MATCH EXISTING BANKS.
- 2. INSTALL SO THAT FLOW UNDER OR BETWEEN BAGS IS PREVENTED BY OVERLAPPING THE STACKED BAGS AND ENTRENCHING THE BOTTOM SET.
- SAND BAG BARRIERS SHALL BE REGULARLY INSPECTED AND 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



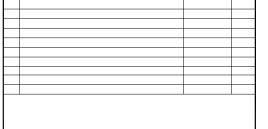
SILT FENCE REINFORCED BY SAND BAGS



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



3968-00(046)CI-WA061 AUG 08/2003

