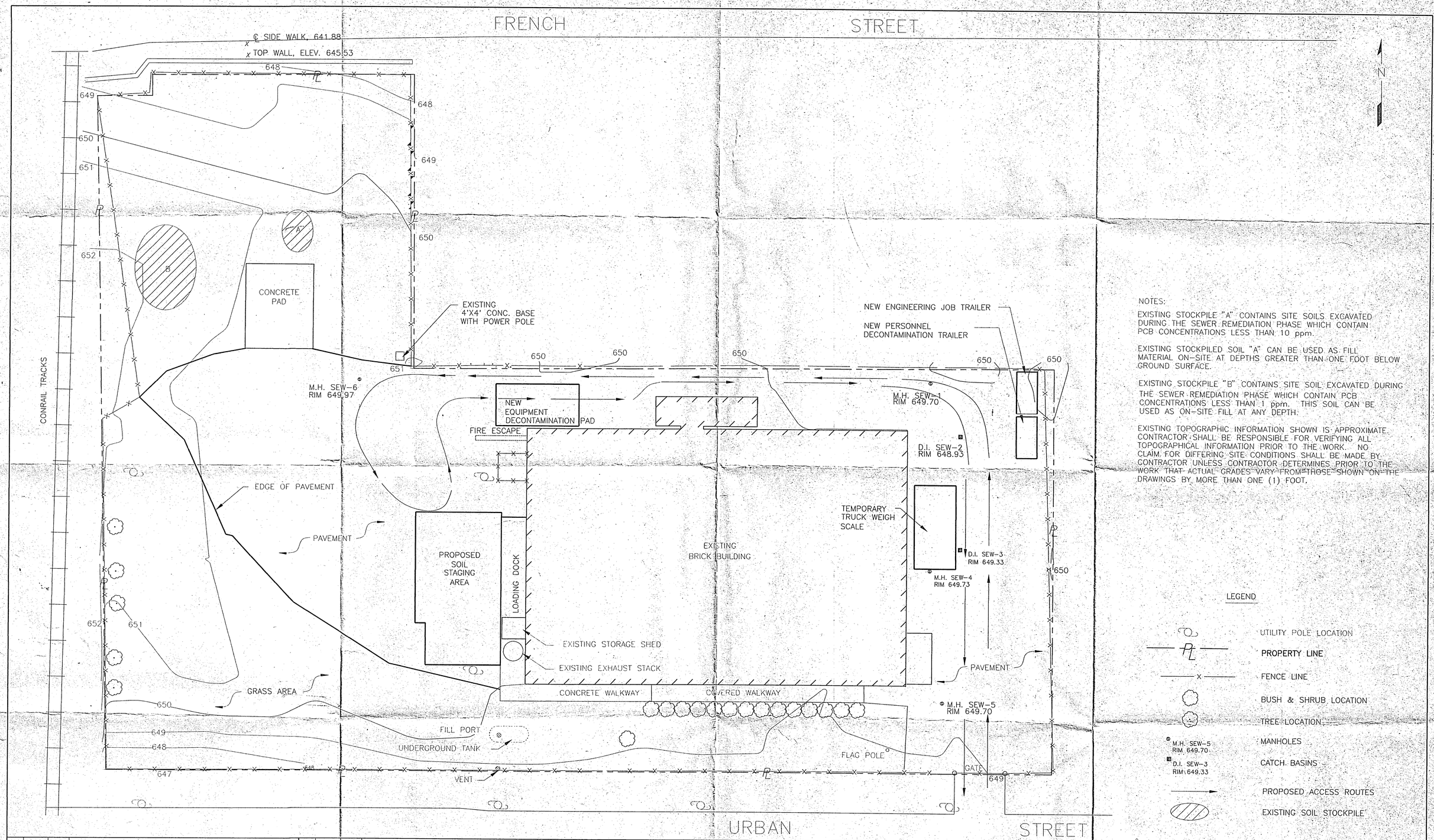

NOTES:

EXISTING STOCKPILE "A" CONTAINS SITE SOILS EXCAVATED DURING THE SEWER REMEDIATION PHASE WHICH CONTAIN PCB CONCENTRATIONS LESS THAN 10 ppm.

EXISTING STOCKPILED SOIL "A" CAN BE USED AS FILL MATERIAL ON-SITE AT DEPTHS GREATER THAN ONE FOOT BELOW GROUND SURFACE.

EXISTING STOCKPILE "B" CONTAINS SITE SOIL EXCAVATED DURING THE SEWER REMEDIATION PHASE WHICH CONTAIN PCB CONCENTRATIONS LESS THAN 1 ppm. THIS SOIL CAN BE USED AS ON-SITE FILL AT ANY DEPTH.

EXISTING TOPOGRAPHIC INFORMATION SHOWN IS APPROXIMATE. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL TOPOGRAPHICAL INFORMATION PRIOR TO THE WORK. NO CLAIM FOR DIFFERING SITE CONDITIONS SHALL BE MADE BY CONTRACTOR UNLESS CONTRACTOR DETERMINES PRIOR TO THE WORK THAT ACTUAL GRADES VARY FROM THOSE SHOWN ON THE DRAWINGS BY MORE THAN ONE (1) FOOT.

LEGEND

- UTILITY POLE LOCATION
- PROPERTY LINE
- FENCE LINE
- BUSH & SHRUB LOCATION
- TREE LOCATION
- M.H. SEW-5 RIM 649.70 — MANHOLES
- D.I. SEW-3 RIM 649.33 — CATCH BASINS
- PROPOSED ACCESS ROUTES
- EXISTING SOIL STOCKPILE

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318 URBAN STREET, BUFFALO, NEW YORK

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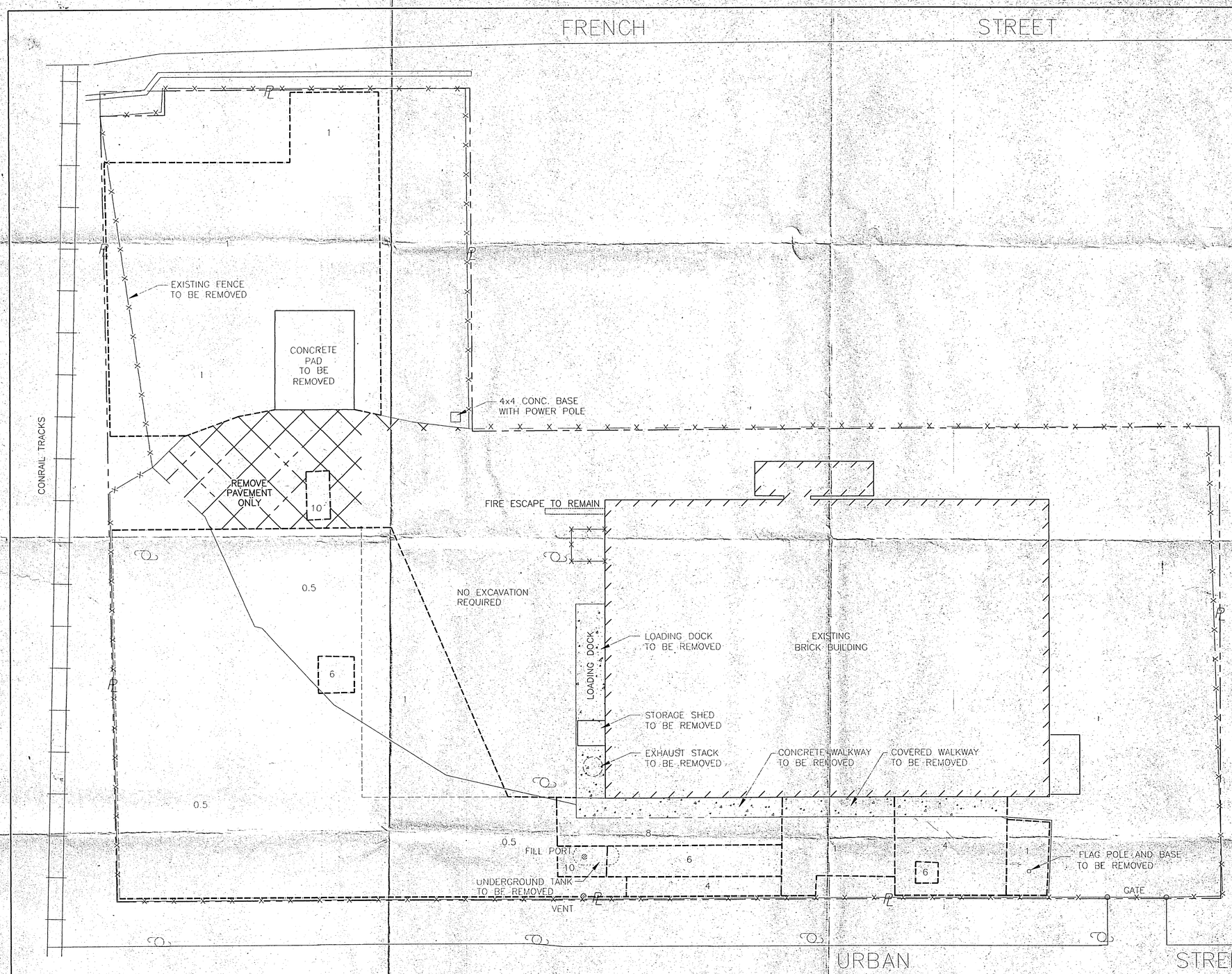
APPROVED	MAL	3/15/97

EXISTING SITE PLAN STAGING LOCATION AND ACCESS ROUTES

DRAWN: GPG	DATE: 3/15/97	REVISION DATE:	DRAWING NO. C-1
SCALE: 1=20	JOB NO. 380.215	FILE NAME: D1380215	REV. NO.
			SHEET 1 OF 5



NOTES:

PRIOR TO DISTURBANCE OF ANY SOIL OR SITE AREAS UNDER THIS CONTRACT, CONTRACTOR SHALL INSTALL THE APPROPRIATE EROSION CONTROLS SHOWN IN DETAILS 1, 2, AND 3 ON DRAWING C-5.

FOR ALL SOIL REMEDIATION ADJACENT TO THE BUILDING, SOIL SHALL BE EXCAVATED TO A MAXIMUM DEPTH OF THREE FEET BELOW GRADE ALONG THE FOUNDATION WALL. EXCAVATION SHALL THEN PROCEED AT A MAXIMUM 2H:1V SLOPE UNTIL THE REQUIRED DEPTH OF REMEDIATION HAS BEEN ACHIEVED. UNDER NO CIRCUMSTANCES SHALL SOIL BE EXCAVATED BELOW THE SLOPE LINE. FOLLOWING EXCAVATION, GEOTEXTILE SHALL BE PLACED ON THE SLOPED SURFACE, TO IDENTIFY THE LIMITS OF THE SOIL EXCAVATION.

CONTRACTOR SHALL EXERCISE EXTREME CARE WHEN REMOVING THE WALKWAY, AND LOADING DOCK, TO PREVENT DAMAGE TO THE REMAINING BUILDING. IN ADDITION, THE EXPOSED WALL SURFACES SHALL BE TRIMMED AS NECESSARY TO LEAVE A SMOOTH AESTHETIC SURFACE, AS DETERMINED BY GE's REPRESENATIVE.

THE UNDERGROUND TANK AND ACCESSORIES LOCATED BETWEEN THE BUILDING AND URBAN STREET SHALL BE REMOVED, AND THE SURROUNDING SOIL SAMPLED BY GE's REPRESENTATIVE SHALL BE REMEDIATED AS NECESSARY IN ACCORDANCE WITH THE NYSDEC STARS MEMORANDUM.

THE CONTRACTOR SHALL REMOVE AND REPLACE IN KIND ANY FENCING DISTURBED DURING THE REMEDIAL WORK EFFORTS.

ALL EXCAVATIONS SHALL BE CONDUCTED AND MAINTAINED IN ACCORDANCE WITH OSAH REQUIREMENTS.

LEGEND

- UTILITY POLE LOCATION
- PROPERTY LINE
- FENCE LINE
- 6 — AREA OF SOIL TO BE REMEDIATED (WITH DEPTH IN FEET) REFER TO SPECIFICATIONS FOR BACK-FILL REQUIREMENTS.
- EXISTING CONCRETE LOADING DOCK/WALK WAY TO BE REMOVED AND DISPOSED OF OFF-SITE
- REMOVE PAVEMENT ONLY

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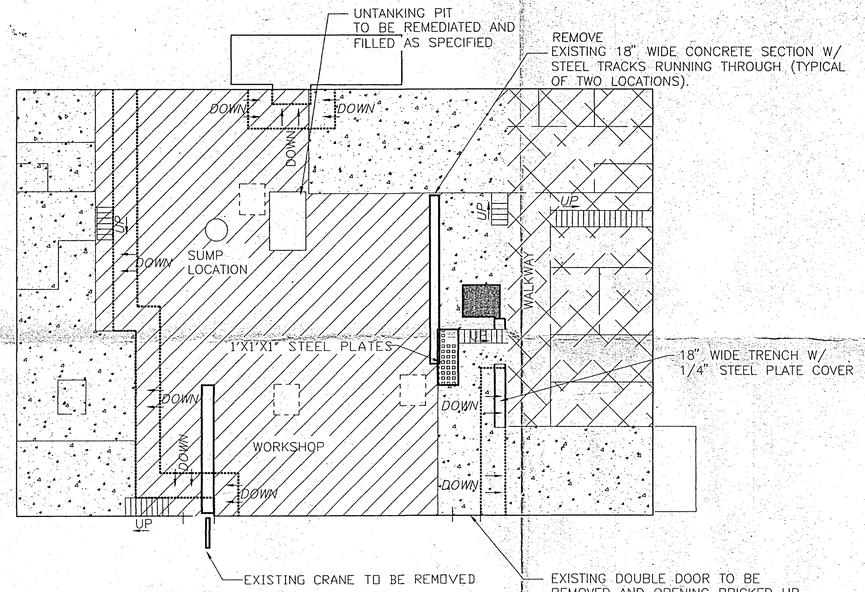
SOIL REMEDIATION AND EXTERIOR DEMOLITION PLAN

DRAWN	GPG	DATE	3/15/97
SCALE	1=20	JOB NO.	380.215
REVISION DATE:		FILE NAME:	D1380215

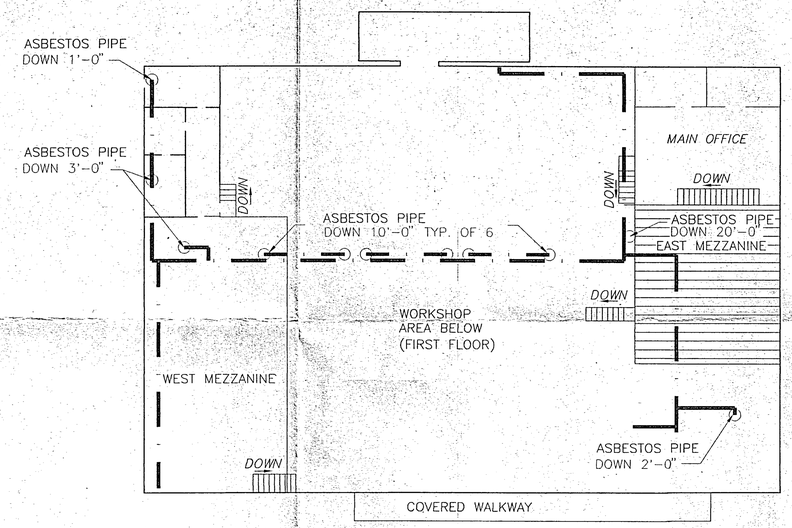
DRAWING NO. C-2

REV. NO.

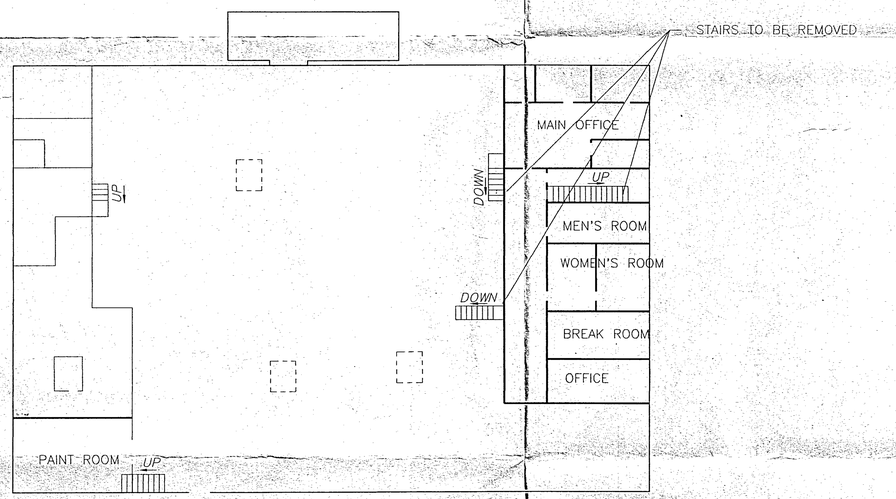
SHEET 2 OF 5



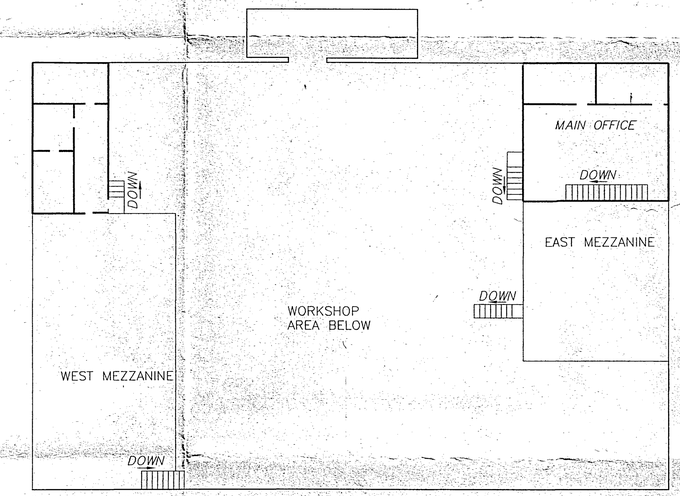
FIRST FLOOR (FLOORING PLAN)



SECOND FLOOR (FLOORING PLAN)



FIRST FLOOR (WALL REMOVAL PLAN)



SECOND FLOOR (WALL REMOVAL PLAN)

N

NOTES:

1. ALL SURFACES, INCLUDING WALLS, DOORS, WINDOWS, SUPERSTRUCTURE, STAIRWAYS, OFFICE AREAS AND EXHAUSTS DUCTS SHALL BE DECONTAMINATED AS DESCRIBED IN SECTION 02090. PLAN VIEWS ABOVE ARE SHOWN TO DESCRIBE THE SCOPE OF FLOOR DECONTAMINATION AND REMOVAL.
2. WOODEN BLOCKS ON THE FLOOR OF THE MAIN SHOP AREA SHALL BE REMOVED AND DISPOSED OF OFF-SITE. ALL FLOOR COVERINGS WITHIN THE MAIN SHOP AREA SHALL BE REMOVED AND DISPOSED OFF-SITE. AND DISPOSED OF OFF-SITE AS TSCA WASTE. THE EXPOSED SUB-FLOOR SURFACE SHALL BE DECONTAMINATED AS DESCRIBED IN 02090 OF THE TECHNICAL SPECIFICATIONS. THE REMAINING SURFACES SHALL BE DECONTAMINATED AS DESCRIBED IN SECTION 02090.
3. AIR HANDLING UNIT SHALL BE EITHER DISMANTLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS AND DECONTAMINATED AS DESCRIBED IN SECTION 02090 OF THE SPECIFICATIONS, OR REPLACED WITH AN EQUIVALENT SYSTEM.
4. LOCATIONS OF SITE FEATURES ARE APPROXIMATE.
5. ALL DEBRIS GENERATED FROM DECONTAMINATION OR DEMOLITION ACTIVITIES SHALL BE DISPOSED OF OFF-SITE
6. RESTORATION OF ALL FLOOR AREA IS DESCRIBED IN THE CONTRACT DOCUMENTS.
7. ALL INTERIOR WALLS ON THE EAST AND WEST MEZZANINE SHALL BE REMOVED AS DESCRIBED IN SECTION 02050 AND DISPOSED OF AS C&D WASTE.
8. EXISTING WORKSHOP FLOOR SEE DETAIL 5, DWG. C-5.
9. EXISTING EAST MEZZANINE FLOOR SEE DETAIL 6, DWG. C-5.
10. FLOORING ON THE EAST MEZZANINE SHALL BE REMOVED AS SPECIFIED IN SECTION 02050.
11. THE ROOF OF THE COVERED WALKWAY IS AN ASBESTOS CONTAINING BUILDING MATERIAL.
12. THE CONTRACTOR SHALL HANDLE ALL 9"X9" FLOOR TILE AS A ASBESTOS CONTAINING MATERIAL.
13. NEW CONCRETE FLOOR IS TO BE POURED AT A 1: 12 SLOPE. ALL STAIR LANDING AREAS TO HAVE A MINIMUM 50" LONG AND 44" WIDE BASE LANDING AS SPECIFIED IN NEW YORK STATE CODE RULES AND REGULATIONS SECTION 765, TABLE 4.765.

LEGEND

- CONCRETE FLOOR TO DECONTAMINATED
- WOOD BLOCK FLOOR TO BE REMOVED
- AIR HANDLING UNIT TO BE DECONTAMINATED (SEE NOTE 3)
- CAVED-IN FLOOR AREA THAT ARE FILLED WITH CONCRETE (SIZE TO BE DETERMINED BY THE CONTRACTOR)
- WALLS TO BE REMOVED
- WALL ON WEST MEZZANINE TO BE REMOVED
- LINE OF SLOPED FLOOR AREA
- ASBESTOS CONTAINING PIPE INSULATION
- T&G WOOD FLOOR TO BE REMOVED
- ASBESTOS CONTAINED FLOOR TILE TO BE REMOVED

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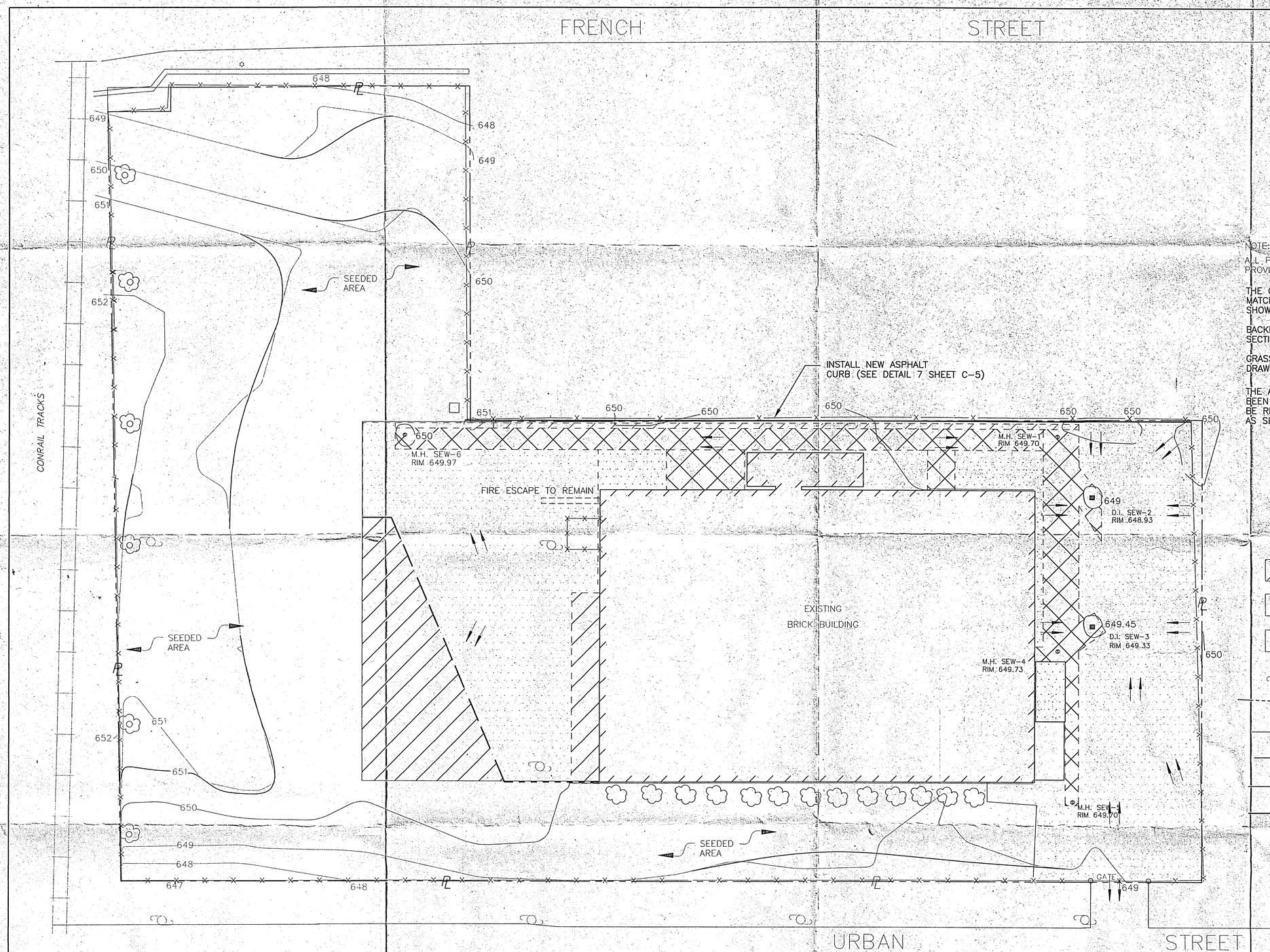
BUILDING DECONTAMINATION PLAN

DRAWING NO. C-3

REV. NO.

DRAWN	DATE	REVISION DATE:
GPG	3/15/97	
SCALE 1=20	JOB NO. 380215	FILE NAME: D3380215

SHEET 3 OF 5



NOTE:

ALL PAVEMENT IS TO BE SLOPED AT 1/8" PER FOOT TO PROVIDE ADEQUATE SITE RUN-OFF (INTO CATCH BASINS\DRAINAGE STRUCTURES).

THE CONTRACTOR SHALL SET ALL MANHOLE RIM ELEVATIONS TO MATCH THE GRADE OF THE NEW PAVEMENT. RIM ELEVATIONS ARE SHOWN ON DRAWING C-1.

BACKFILL AND COMPACT DISTURBED AREAS IN ACCORDANCE WITH SECTION 02220 OF THE CONTRACT DOCUMENTS.

GRASS AND PAVED AREAS SHALL BE RESTORED AS INDICATED ON THE DRAWINGS AND IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

THE AREAS SHOWN DEFINING THE THREE PAVEMENT TYPES HAVE NOT BEEN SURVEYED AND ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY AND PROVIDE THE PROPER PAVEMENT AS SPECIFIED IN THE CONTRACT DOCUMENTS.

LEGEND

- DIRECTION OF RUN-OFF FLOW ON NEW PAVED SURFACES
- TYPE 1: REPLACEMENT PAVEMENT AREA
- TYPE 2: NEW PAVEMENT AREA
- TYPE 3: PAVEMENT AREA TO BE RESURFACED
- UTILITY POLE LOCATION
- PROPERTY LINE
- FENCE LINE
- FINAL CONTOUR LINE
- CONTOUR LINE TO MATCH EXISTING
- NEW CURB LOCATION
- NEW TREES
- NEW SHRUBS

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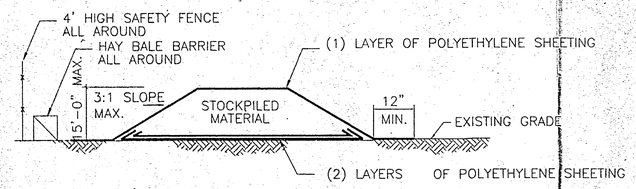
SITE RESTORATION PLAN

DRAWN	GPG	DATE	3/15/97
SCALE	1:20	JOB NO.	380.215
REVISION DATE:		FILE NAME:	D4380215

DRAWING NO. C-4

REV. NO.

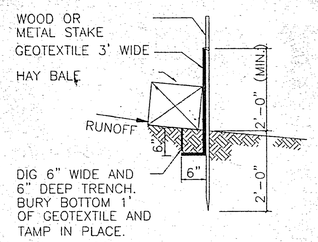
SHEET 4 OF 5



1 STOCKPILE DETAIL
NO SCALE

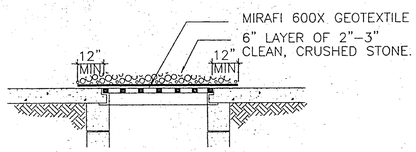
NOTES:

1. POLYETHYLENE SHEETING SHALL BE MINIMUM 40 MIL THICKNESS, REINFORCED CONSTRUCTION GRADE SHEETING
2. ANCHOR TOP LAYER(S) OF SHEETING WITH SAND BAGS OR EQUIVALENT WEIGHTS AT 5 TO 10 FOOT CENTERS.



2 SILT FENCE DETAIL
NO SCALE UNPAVED SURFACES ONLY

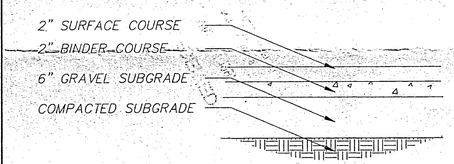
NOTE: WHERE APPLICABLE, SILT FENCE MAY BE ATTACHED DIRECTLY TO PERIMETER FENCE.



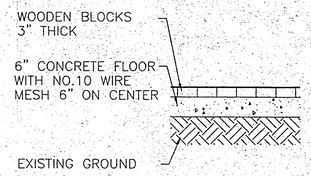
3 INLET SEDIMENT FILTER DETAIL
NO SCALE PAVED SURFACES ONLY

NOTES:
CLEAN AND/OR REPLACE STONE IF SAME BECOMES CLOGGED W/ SEDIMENT TO THE EXTENT THAT IT NO LONGER DRAINS.

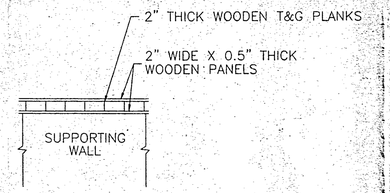
REPLACE GEOTEXTILE IF IT BECOMES PUNCTURED.



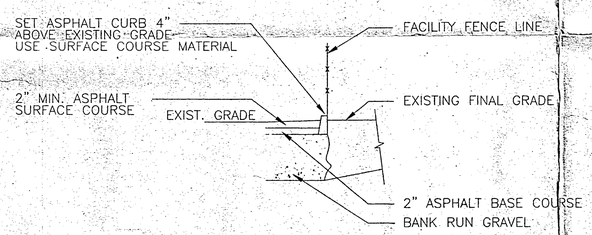
4 TYP. NEW PAVEMENT DETAIL
NO SCALE



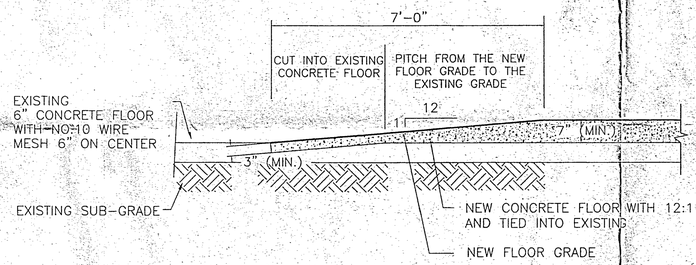
5 DETAIL OF EXISTING MAIN SHOP FLOOR
NO SCALE



6 DETAIL OF EXISTING T&G EAST MEZZANINE FLOOR
NO SCALE



7 TYP. CURB PAVEMENT DETAIL
NO SCALE



8 FLOOR PITCH AND TIE-IN DETAIL
NO SCALE

SOIL EROSION AND SEDIMENT CONTROL NOTES

1. THERE SHALL BE NO CHANGE IN GRADING ELEVATIONS OF THE LAND AREAS TO BE DISTURBED BY THIS CONTRACT.
2. THERE IS NO RESIDENTIAL DEVELOPMENT OR DWELLING CONSTRUCTION PROPOSED UNDER THIS CONTRACT.
3. ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE INSTALLED IN PROPER SEQUENCE AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.
4. ANY DISTURBED AREA THAT WILL BE LEFT EXPOSED FOR MORE THAN 30 DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC SHALL IMMEDIATELY RECEIVE A TEMPORARY SEEDING. IF THE SEASON PREVENTS THE ESTABLISHMENT OF A TEMPORARY SEEDING, THE DISTURBED AREAS SHALL BE MULCHED WITH HAY OR EQUIVALENT AND BOUND (I.E. PEG AND TWINE, MULCH NETTING, OR LIQUID MULCH BINDER.)
5. STABILIZATION MEASURES: SEE "NON-STRUCTURAL SOIL STABILIZATION MEASURES" SPECIFICATIONS ON THIS SHEET.
6. THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORMWATER RUN-OFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES.
7. ALL SEDIMENTATION STRUCTURES SHALL BE INSPECTED AND MAINTAINED ON A REGULAR BASIS.
8. STOCKPILES ARE NOT TO BE LOCATED WITHIN 50' OF A FLOOD PLAIN, SLOPE, ROADWAY, OR DRAINAGE FACILITY. THE BASE OF ALL STOCKPILES SHALL BE PROTECTED BY A HAY BALE BARRIER AND SAFETY FENCE.
9. MAXIMUM SIDE SLOPES OF ALL EXPOSED SURFACES SHALL NOT EXCEED 3:1 UNLESS OTHERWISE APPROVED BY THE OWNER.
10. PUBLIC AND PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES.
11. ALL CATCH BASIN INLETS ADJACENT TO THE WORK SHALL BE PROTECTED WITH A CRUSHED STONE FILTER, AS SHOWN IN DETAILS 3 ON THIS DRAWING.

GLASS BLOCK

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING GLASS BLOCK AS SPECIFIED IN SECTION XXXX OF THE CONTRACT DOCUMENTS.
2. THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS OF ALL MASONRY AND BLOCK FASTENERS AND CONNECTIONS FOR APPROVAL BY GE's REPRESENTATIVE PRIOR TO INSTALLATION.
3. THE CONTRACTOR SHALL PROVIDE ALL SUBMITTALS SPECIFIED IN SECTION 04270 OF THE CONTRACT DOCUMENTS. ALL SUBMITTALS ARE TO BE APPROVED BY GE's REPRESENTATIVE PRIOR TO INSTALLATION. THE CONTRACTOR IS RESPONSIBLE FOR SCHEDULING ADEQUATE TIME FOR REVIEW AND APPROVAL TURNAROUND.
4. ANY DELAY OF WORK OR CHANGE IN SCHEDULE GENERATED FROM THE REVIEW AND APPROVAL PROCESS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

NON-STRUCTURAL SOIL STABILIZATION METHODS

1. PERMANENT VEGETATIVE COVER

A. EXISTING NATURAL VEGETATION SHALL BE MAINTAINED, IN ACCORDANCE WITH STATE STANDARDS, WHERE POSSIBLE FOR EROSION PROTECTION UNTIL PERMANENT PROTECTION IS ESTABLISHED.

B. SITE PREPARATION:

GRADE AS NEEDED AND FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDBED PREPARATION, SEEDING, MULCH APPLICATION AND ANCHORING, AND MAINTENANCE.

INSTALL NEEDED EROSION CONTROL PRACTICES AND FACILITIES SUCH AS DIVERSIONS, GRADE STABILIZATION STRUCTURES, CHANNEL STABILIZATION MEASURES, SEDIMENT BASINS AND WATERWAYS.

C. SEEDBED PREPARATION:

APPLY FERTILIZER AT A RATE OF 800 POUNDS PER ACRE USING 10-6-4 OR EQUIVALENT.

APPLY LIMESTONE (CALCIUM CARBONATE) AT A RATE OF 2 TONS PER ACRE.

WORK LIME AND FERTILIZER INTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 3 INCHES WITH A DISC, SPRINGTOOTH HARROW OR OTHER SUITABLE EQUIPMENT. THE FINAL DISCING OR HARROWING OPERATION SHALL BE ON THE GENERAL CONTOUR. CONTINUE TILLAGE UNTIL A REASONABLY UNIFORM, FINE SEEDBED IS PREPARED. ALL BUT CLAY SOILS, SILTY SOILS, OR COARSE SANDS SHALL BE ROLLED TO FIRM THE SEEDBED WHERE FEASIBLE.

REMOVE ALL DEBRIS, UNSUITABLE MATERIAL, AND STONES LARGER THAN 2" FROM THE SURFACE.

D. SEEDING:

SEED AS SPECIFIED IN SECTION 02900

APPLY SEED UNIFORMLY BY HAND, CYCLONE SEEDER, DRILL, CULTIPACKER-TYPE SEEDER OR HYDROSEEDER (SLURRY INCLUDING SEED AND FERTILIZER). HYDROSEEDINGS WHICH ARE MULCHED MAY BE LEFT ON THE SOIL SURFACE.

WHERE FEASIBLE, EXCEPT WHEN A CULTIPACKER-TYPE SEEDER OR HYDROSEEDER IS USED, THE SEEDBED SHOULD BE FIRMED FOLLOWING SEEDING OPERATIONS WITH A ROLLER OR LIGHT DRAG. SEEDING OPERATIONS SHOULD BE ON THE CONTOUR.

E. MULCHING:

IN AREAS SUBJECT TO EROSION, OR WHERE CONDITIONS MAY NOT BE SUITABLE FOR GROWING ON EROSION RESISTANT COVER, MULCH IN ACCORDANCE WITH THE FOLLOWING:

MULCHING SHALL BE REQUIRED ONLY IN AREAS DIFFICULT TO VEGETATE SUCH AS STEEP SLOPES OR AREAS SUBJECT TO EXCESSIVE OR REPETITIVE EROSION.

MULCH MATERIALS SHALL BE UNROTTED HAY OR SMALL GRAIN STRAW APPLIED AT THE RATE OF 70 TO 90 LBS./1,000 SF. IN ACCORDANCE WITH NEW YORK STATE STANDARDS. MULCH SHALL BE SECURED AS SPECIFIED IN SECTION 2900.

MULCH SHALL BE SPREAD UNIFORMLY BY HAND OR MECHANICALLY SO THAT 75% TO 95% OF THE SURFACE IS COVERED.

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APPROVED	MAL	3/15/97

MISCELLANEOUS CIVIL DETAILS

DRAWING NO. C-5

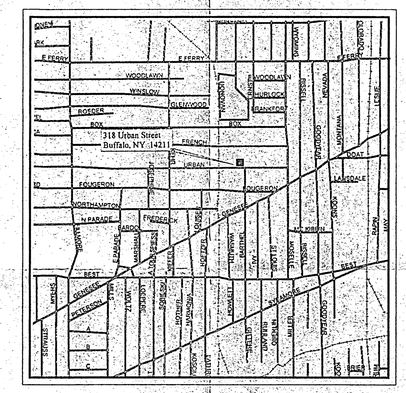
REV. NO.

DRAWN	DATE	REVISION DATE	SHEET
GPG	3/15/97		5 OF 5
SCALE 1=50	JOB NO. 380215	FILE NAME D5380215	

URBAN STREET RD - BUILDING DECON & ON-SITE SOIL REMOVAL 3/97

RECEIVED
MAR 21 1997
NVSDEC-REG. 9
REL UNREL FOIL

318 URBAN STREET
BUFFALO, NEW YORK 14211
NYSDEC SITE NO. 9-15-151
SOIL REMEDIATION
AND
BUILDING DECONTAMINATION



SITE LOCATION MAP

DRAWING LIST

DRAWING NO.	DRAWING TITLE
C-1	EXISTING SITE PLAN, STAGING LOCATION, AND ACCESS ROUTES
C-2	SOIL REMEDIATION AND EXTERIOR DEMOLITION PLAN
C-3	BUILDING DECONTAMINATION PLAN
C-4	SITE RESTORATION PLAN
C-5	MISCELLANEOUS CIVIL DETAILS

PREPARED BY:

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