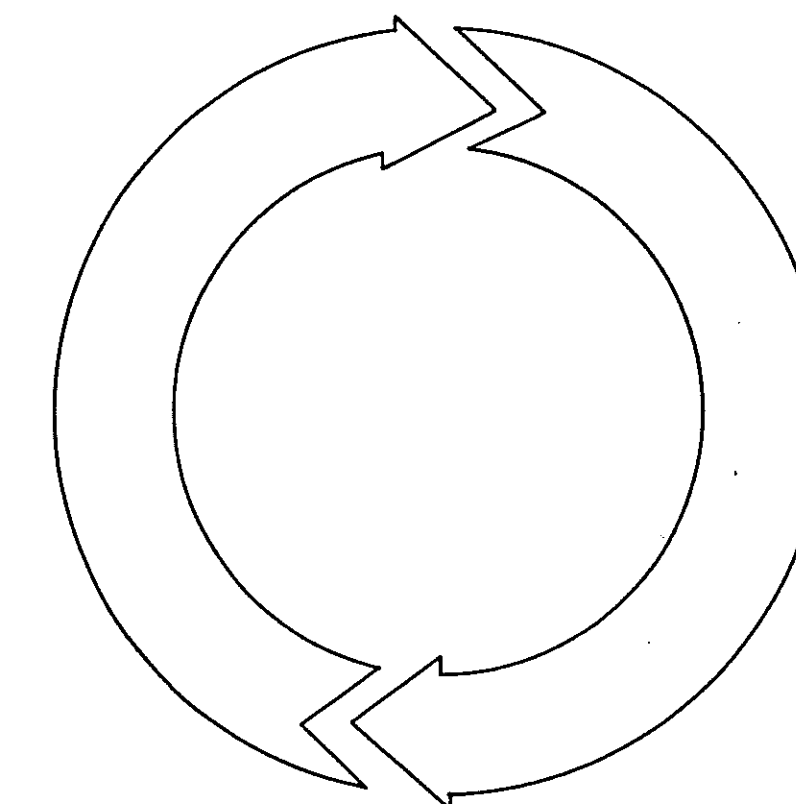


SOUTHWEST CONNECTICUT  
 REGIONAL RECYCLING  
 OPERATING COMMITTEE

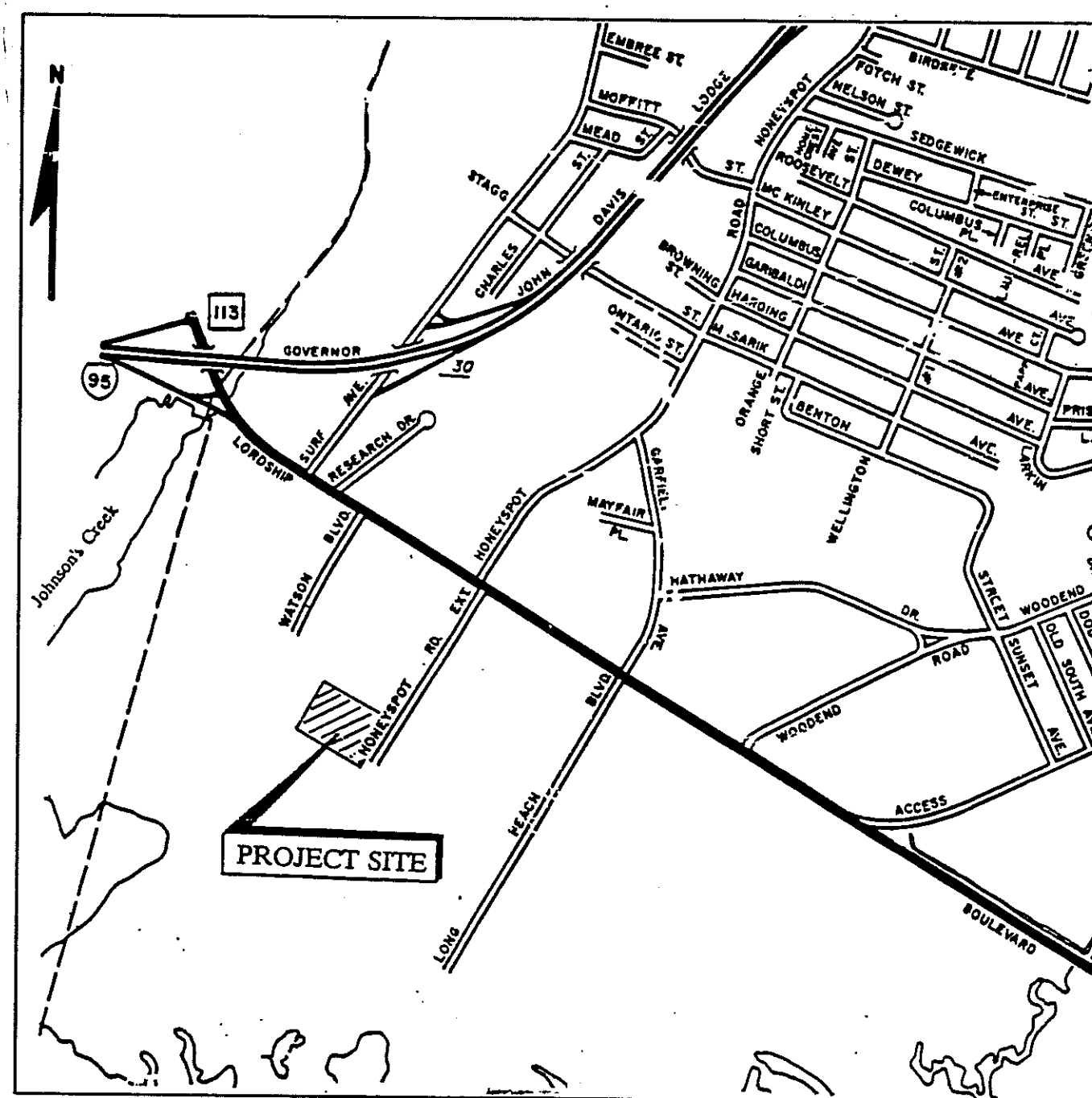
CONNECTICUT RESOURCES  
 RECOVERY AUTHORITY



CONSTRUCTION OF  
 INTERMEDIATE PROCESSING CENTER  
 1410 HONEYSPOOT ROAD EXTENSION  
 STRATFORD, CONNECTICUT



AS - BUILT  
 JUNE, 1995

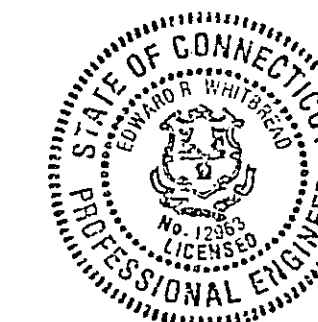


SITE LOCATION MAP  
 SCALE: 1"=1000'

ZONING DATA TABLE

Zone MB - General Industrial District

Category	Zoning Regulation	Proposed
Permitted use	Recycling Processing Facility	Recycling Processing Facility
Min. lot width	100 feet	350 feet
Min. lot area	10,000 sq. ft.	175,000 sq.ft.
Min. lot depth	100 feet	500 feet
Min. Front yard	20 feet	59 feet
Min. Side yard	5 feet one side 15 feet other side	5 feet (south) 52 feet (north)
Min. Rear yard	0 feet	78 feet
Max. Building area	87,500 sq. ft.	59,784 sq. ft.
Max. building height	60 feet	42 feet
Sect. 12.5.12 parking spaces	Special Case	88 spaces



SUBMITTED BY: FREDERIC R. HARRIS, INC.

*E. Whitbread*

MAY, 1992

E. RAYMOND WHITBREAD

P.E. No. 12963

**ABBREVIATION LIST**

Wherever the following abbreviations are used in these plans, the intent and meaning shall be interpreted as follows:

**FOR CIVIL DRAWINGS:**

BIT.	Bituminous
C	Conduit
C.B.	Catch Basin
C.I.	Cast Iron
CONC.	Concrete
DRWG.	Drawing
E	Electrical
ELEV./EL.	Elevation
ER	Edge of Road
EXIST./EX.	Existing
EXT.	Extension
F/C	Face of Curb
G	Gas
H/C	Handicapped
INV.	Invert
IPC	Intermediate Processing Center
Misc.	Miscellaneous
M.H.	Manhole
MAX.	Maximum
MIN.	Minimum
O.C.	On Center
PAVT	Pavement
P.L.	Property Line
PVC	Polyvinyl Chloride
R	Radius
RCP	Reinforced Concrete Pipe
RET.	Retaining
SS	Sanitary Sewer
S/W	Sidewalk
T.F.	Top of Frame Elevation
T.W.	Top of Wall Elevation
TYP.	Typical
W	Water

**FOR STRUCTURAL DRAWINGS:**

ADD'L	Additional
ALT.	Alternate
BRG	Bearing
B OR BOT	Bottom
B.F.	Bottom of Footing
BLDG	Building
CL OR CLR	Clearance
COL.	Column
CMU	Concrete Masonry Unit
CONC.	Concrete
CONT.	Continuous
C.J.	Construction Joint
DIA.	Diameter
DO	Ditto
DWG.	Drawing
E.F.	Each Face
E.W.	Each Way
ELEV. OR EL.	Elevation
EQ. SP.	Equally Spaced
EXIST.	Existing
FL.	Floor
F.D.	Floor Drain
GA	Gage
GALV.	Galvanized
H.P.	High Point
HOR.	Horizontal
I.D.	Inside Diameter
L.L.H.	Long Leg Horizontal
L.L.V.	Long Leg Vertical
L.P.	Low Point
MAX.	Maximum
MIN.	Minimum
N.I.C.	Not in Contract
N.T.S.	Not to Scale
NO.	Number
O.C.	On Center
OPNG	Opening
OPP.	Opposite Hand
PL	Plate
RAD. OR R	Radius
REINF.	Reinforcing
REQ'D	Required
R.D.	Roof Drain
S.C.	Shear Connector
SIM.	Similar
SPECS.	Specifications
t	Thickness
T	Top or Tread
T&B	Top and Bottom
T/WALL	Top of Wall
TYP.	Typical
U.N.O.	Unless Noted Otherwise
VERT.	Vertical
W/O	Without
W.W.F.	Welded Wire Fabric

**GENERAL NOTES**

- ALL WORK AND MATERIAL SHALL CONFORM TO THE ROAD REGULATIONS, TOWN OF STRATFORD AND THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FORM 814 1988 INCLUDING SUPPLEMENTS THERETO.
- THE INFORMATION SHOWN ON THESE PLANS IS BASED ON LIMITED INVESTIGATIONS AND IS IN NO WAY WARRANTED TO INDICATE THE TRUE CONDITIONS OR ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED. THE CONTRACTOR(S) SHALL SATISFY THEMSELVES BY PERSONAL EXAMINATION OF THE LOCATION OF THE PROPOSED WORK, AND BY SUCH OTHER MEANS AS THEY MAY CHOOSE AS TO THE ACTUAL CONDITIONS AND REQUIREMENTS OF THE WORK.
- BOUNDARY AND TOPOGRAPHIC DATA IS FROM PLANS ENTITLED: CONNECTICUT RESOURCES RECOVERY AUTHORITY, INTERMEDIATE PROCESSING CENTER, STRATFORD, CONNECTICUT; SCALE 1" = 20', DATED AUGUST 8, 1991; PREPARED BY WILLIAM W. SEYMOUR AND ASSOCIATES, P.C., DARLEN, CT.
- PRIOR TO ANY CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL ESTABLISH ADEQUATE LAYOUT INFORMATION FOR PROPOSED WORK TO ALLOW FOR THE EVALUATION OF ITS RELATIONSHIP TO EXISTING SITE FEATURES. THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE IF ANY SURVEY INFORMATION IS INCORRECT. IF REQUIRED FIELD MODIFICATIONS SHALL BE MADE TO SAVE EXISTING SITE FEATURES OR VEGETATION.
- ALL SITE IMPROVEMENTS ARE TO BE STAKED IN THE FIELD AND APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO THE BEGINNING OF THE CONSTRUCTION OPERATIONS.
- NO MATERIAL OR EQUIPMENT SHALL BE STORED ON-SITE EXCEPT IN DESIGNATED OR APPROVED AREAS.
- ALL DISTURBED AREAS NOT TO BE SURFACED WITH PAVEMENT SHALL BE STABILIZED AS SHOWN ON THE PLANS.
- ALL ROADS, DRAINAGE SYSTEMS, AND OTHER SERVICES SHALL BE MAINTAINED BY THE CONTRACTOR.
- ALL ELEVATIONS ARE BASED ON C.G.S. NATIONAL GEODETIC VERTICAL DATUM OF 1929.
- THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE INSIDE AND OUTSIDE CONTRACT LIMIT LINES DUE TO CONSTRUCTION OPERATIONS.
- THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES IN THE FIELD BEFORE BEGINNING ANY EXCAVATION. CALL 48 HOURS IN ADVANCE FROM ANYWHERE IN THE STATE OF CONNECTICUT. \*CALL BEFORE YOU DIG\* 1-800-922-4455.
- THE HORIZONTAL LOCATIONS OF INLETS, CATCH BASINS, MANHOLES, AND OTHER APPURTENANCES SHOWN ON THESE PLANS SHALL BE ADJUSTED IN THE FIELD AS REQUIRED TO MATCH LOW POINTS, FACES OF CURBS AND OTHER FINISHED FEATURES OR AS SHOWN ON OTHER DRAWINGS. LOCATIONS SHOWN ARE SCALED AND MAY BE ADJUSTED WITHIN REASONABLE TOLERANCES AS AUTHORIZED BY THE OWNER'S REPRESENTATIVE IN ORDER TO CONFORM WITH THE INTENT OF THE PROJECTS.
- UTILITY LOCATIONS AS SHOWN ON THESE PLANS ARE BASED UPON LIMITED INVESTIGATION AND SHOULD BE CONSIDERED TO BE APPROXIMATE ONLY. ACTUAL LOCATION SHOULD BE VERIFIED IN THE FIELD PRIOR TO BEGINNING CONSTRUCTION.
- BASIS OF BEARING IS ASSUMED.
- BENCHMARK:  
(1) C.H.D. DISC(C31) NORTHWEST CORNER MOBIL FILM CO. ELEVATION = 10.92'  
(2) TOP NUT OF FIRE HYDRANT, SOUTH SIDE, HONEYSPOT ROAD EXTENSION, 82' EAST OF IPC OF SOUTHEAST CORNER. ELEVATION = 10.68'
- SEE ARCHITECTURAL, PLUMBING AND ELECTRICAL PLANS FOR ADDITIONAL ABBREVIATIONS, NOTES, LEGENDS, AND RESPECTIVE INFORMATION.
- UNDER NO CIRCUMSTANCES SHALL STORM RUNOFF OR ANY OTHER TYPE OF SURFACE RUNOFF BE ALLOWED TO DRAIN INTO THE SANITARY SEWER SYSTEM.
- PERMISSION TO ENTER THE PROPERTY TO THE SOUTHWEST OF THE PROJECT SITE (OWNED BY ESTATE OF FRANCIS F. D'ADDARIO) FOR CLEANING STORMWATER PIPE, BUILDING ERECTION, AND FENCING WORK WILL BE OBTAINED BY THE OWNER. CONTRACTOR TO NOTIFY THE ENGINEER IN ADVANCE OF ENTRY ONTO D'ADDARIO PROPERTY.

**SEDIMENTATION AND EROSION CONTROL NOTES**

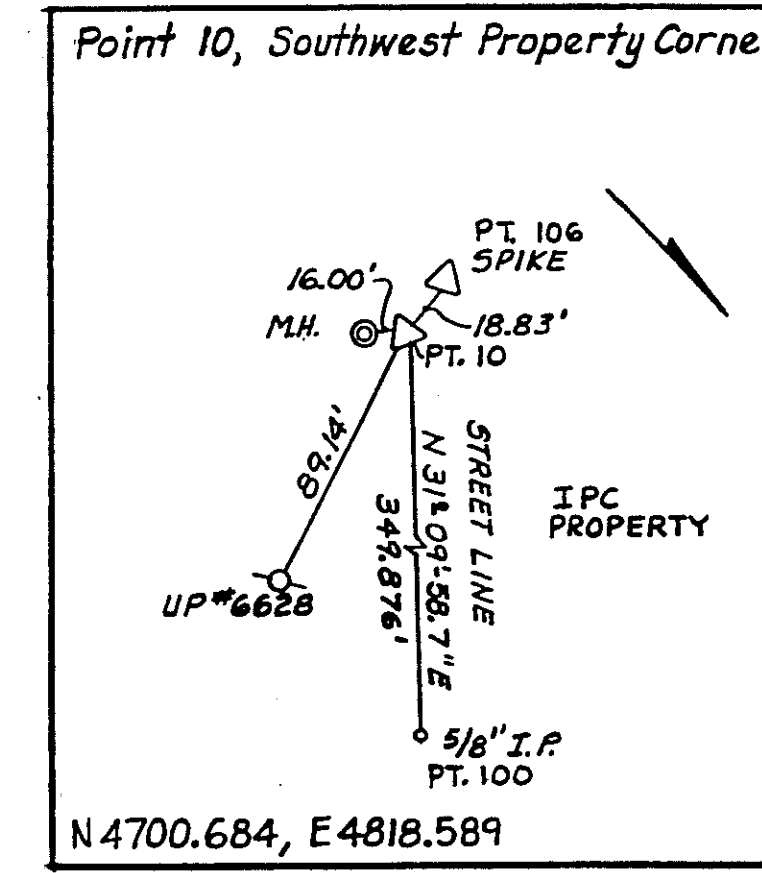
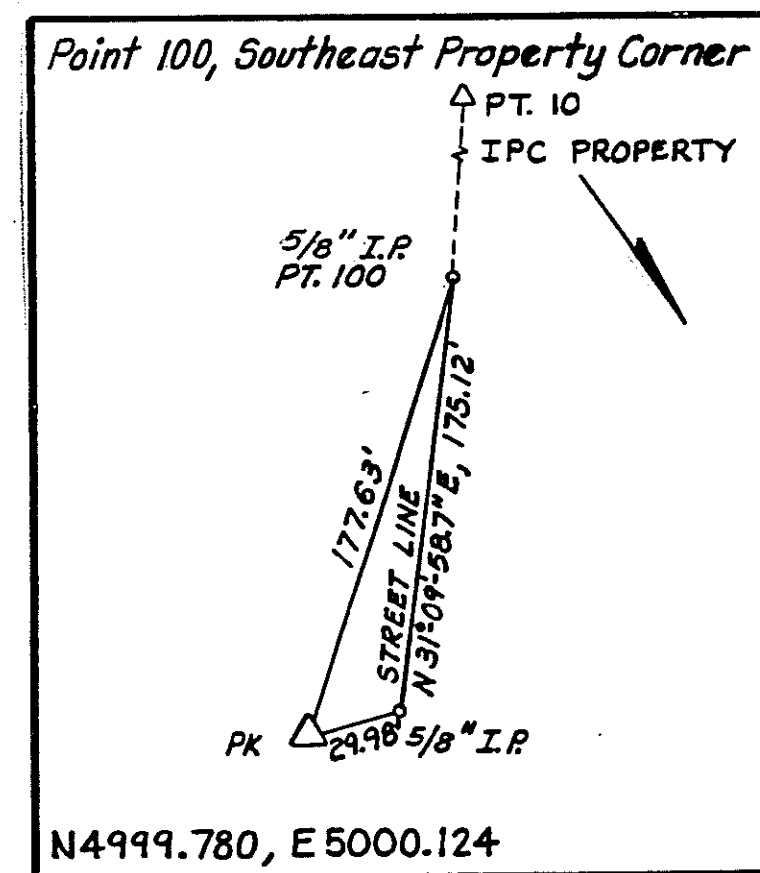
(See Drawing No. C-2)

- Land disturbance will be kept to a minimum. Restabilization will be scheduled as soon as practical.
- Filter fence will be installed along the toe of all critical cut and fill slopes.
- Catch basins will be protected with hay bale sediment barriers throughout the construction period and until all disturbed areas are thoroughly stabilized.
- All erosion and sediment control measures will be constructed in accordance with the Standards and specifications of the "Connecticut Guidelines for Soil Erosion and Sediment Control".
- Erosion and sediment control measures will be installed prior to construction whenever possible.
- All control measures will be maintained in effective condition throughout the construction period.
- Additional control measures will be installed during the construction period if necessary or requested.
- Sediment removed from control structures will be disposed of in a manner which is consistent with the intent of the plan.
- See the Special Provisions for requirements under the Inland Wetland Permit.
- See the Special Provisions for boring logs.
- No storage will be allowed within 75' of the existing Drainage Easement.
- Permits from local and state authorities for dewatering will be Contractors responsibility.

**LIST OF DRAWINGS**

Drawing Number	Title
G-1	Index and Notes
C-1	Site Plan
C-2	Grading, Utilities and Sedimentation and Erosion Control Plan
C-3	Landscaping Plan
C-4	Signing and Pavement Marking Plan and Details
C-5	Site Preparation Plan
C-6	Miscellaneous Details
C-7	Miscellaneous Details
C-8	Miscellaneous Details
C-9	Town of Stratford Proposed Sewerage Work Appurtenance Drwg. No. 701230
A-1	Wall Types and Height & Area Limitations
A-2	IPC Floor Plan Processing Facility and Operations
A-3	Education Center 1st Floor & 2nd Floor Plans
A-4	IPC Roof Plan
A-5	Education Center Roof Plan
A-6	Building Elevations
A-7	Education Center Elevations
A-8	IPC Building Sections
A-9	Education Center Building Sections
A-10	Observation Corridor & Details Plans
A-11	Detail Plans
A-12	Detail Plans
A-13	Detail Plans
A-14	Stair Sections
A-15	Wall Section Details
A-16	Wall Section Details
A-17	Wall Details
A-18	Miscellaneous Details
A-19	Scale House Plans, Elevations, and Sections
A-20	Window Types Elevations & Details
A-21	Window Details and Notes
A-22	Door Schedule and Details
A-23	Room Finish Schedule and Millwork Details
A-24	Millwork Casing and Details
A-25	Interior Lavatory Elevations
A-26	Reflected Ceiling Plans Education Center 1st and 2nd Floor
S-1	Foundation Plan Processing Operations Area
S-2	Slab On-grade Plan Processing Operations Area
S-3	Typical Foundation Sections & Details I, Processing Operations Area and Education Center
S-4	Foundation Sections and Details II, Processing Operations Area
S-5	Foundation Sections and Details III, Processing Operations Area
S-6	Foundation Sections and Details IV, Processing Operations Area
S-7	Walkway Framing Plan (Alt. 5) Sections and Details, Processing
S-8	Foundation Plan and Sections, Education Center
S-9	Second Floor Framing Plan, Education Center
S-10	Roof Framing Plan and Sections, Education Center
S-11	Structural Steel Sections and Details I, Education Center
S-12	Structural Steel Sections and Details II, Education Center
S-13	Miscellaneous Sections and Details, Processing Operations Area and
P-1	Plumbing Floor Plan
P-2	Plumbing Education Center First and Second Floor Plan,
P-3	Plumbing Education Center First Floor Enlarged Plan I
P-4	Plumbing Education Center Enlarged Plans II
P-5	Plumbing Riser Diagrams
P-6	Plumbing Details I
P-7	Plumbing Details II
P-8	Water Sanitary Riser Diagram
P-9	Plumbing Sanitary Riser Diagram
FP-1	Sprinkler System Processing Center Ceiling Plan
FP-2	Sprinkler System Processing Center Floor Plan
FP-3	Sprinkler System Education Center 1st and 2nd Floor Plan
FP-4	Sprinkler System - Miscellaneous Details and Notes
E-1	Symbols, Abbreviations & General Notes
E-2	Single Line Diagram
E-3	Processing Center Building Power & Fire Alarm Plan
E-4	Processing Center Building Lighting Plan
E-5	Education Center First Floor Power Plan
E-6	Education Center Second Floor Power Plan
E-7	Education Center First Floor Lighting Plan
E-8	Education Center Second Floor Lighting Plan
E-9	Education Center Fire Alarm & Communication Plan
E-10	Transformer Pad Installation Details
E-11	Lighting Details
E-12	Panel Schedules
E-13	Panel Schedules
E-14	Fire Alarm, Telephone and Data Communication Riser Diagrams
E-15	Miscellaneous Details and Scale House Plans
H-1	Process Area HVAC Layout
H-2	Education Center First Floor HVAC Layout
H-3	Education Center Second Floor HVAC Layout
H-4	HVAC Schedules
H-5	Symbols, Details and Abbreviations-HVAC
H-6	Sequence of Operations and Controls-HVAC

SEE ALSO CLARIFICATION AND CHANGE ORDER SKETCHES FOR AS-BUILT CONDITIONS.



REVISION	NO.	DESCRIPTION	DATE	BY	NO.	DESCRIPTION	DATE	BY
	1	ISSUED FOR BID	5/4	D.M.				
		ISSUED FOR CONSTRUCTION	6/11	D.M.				
		AS BUILTS	11/93	D.M.				

**RIDBERG + ASSOCIATES**

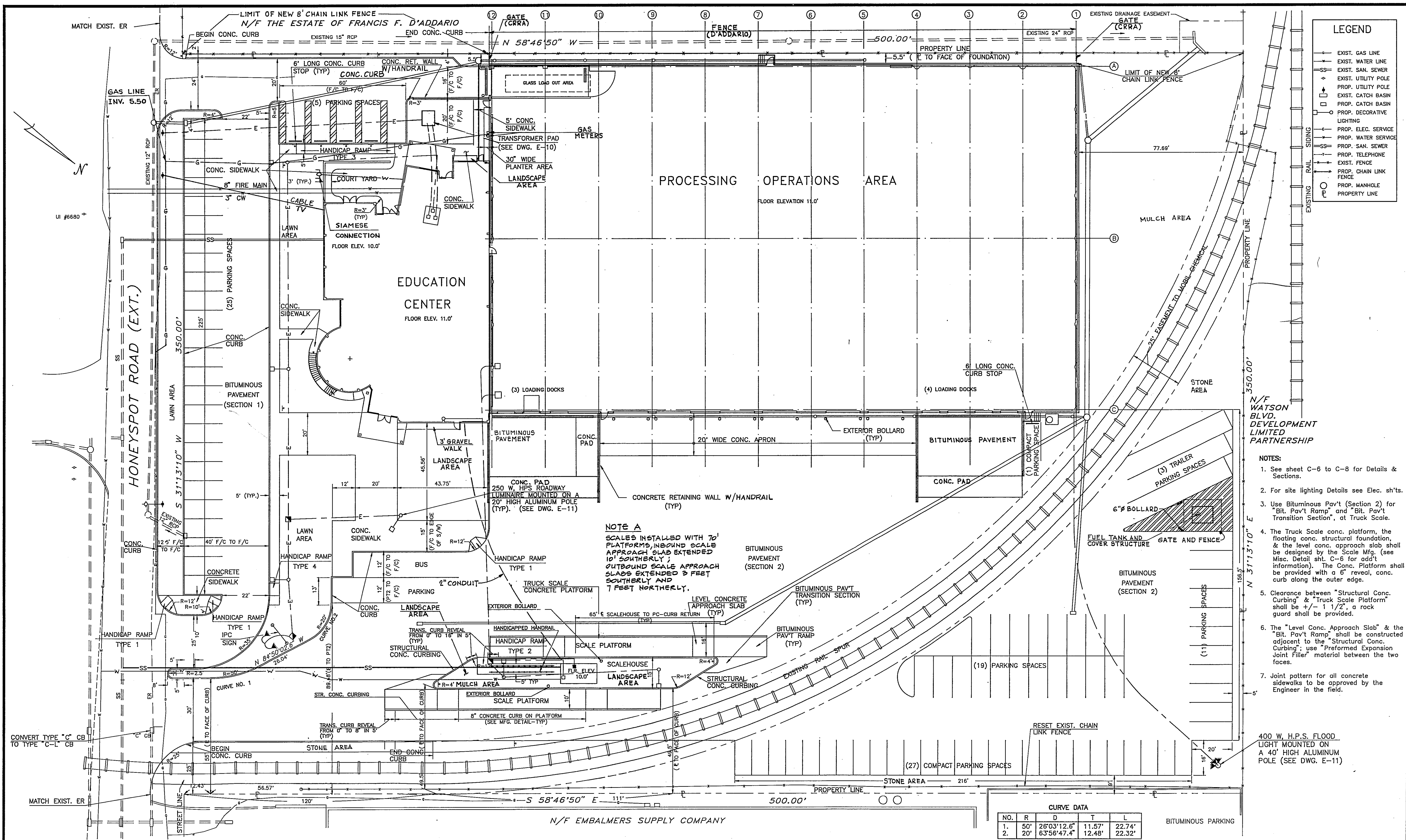
RIDBERG + ASSOCIATES,  
ARCHITECTS, PC  
2 DEARFIELD DRIVE  
GREENWICH, CT 06831  
203 625 0491

**HARRIS**  
Frederic R. Harris, Inc.  
333 LUDLOW STREET  
STAMFORD, CT 06902  
203 327 0240

DES. M.S.F.  
DRWN. C.M.B.  
CHK. N.M.P.  
PROJ. ENGR. D.L.M.  
APPROVED D.L.M.

INTERMEDIATE PROCESSING CENTER  
STRATFORD, CONNECTICUT  
INDEX AND NOTES

SCALE: AS NOTED  
DATE: 5/4/92  
DRAWING NO.  
**G-1**



**LEGEND**

- EXIST. GAS LINE
- EXIST. WATER LINE
- EXIST. SAN. SEWER
- EXIST. UTILITY POLE
- PROP. UTILITY POLE
- EXIST. CATCH BASIN
- PROP. CATCH BASIN
- PROP. DECORATIVE LIGHTING
- PROP. ELEC. SERVICE
- PROP. WATER SERVICE
- PROP. SAN. SEWER
- PROP. TELEPHONE
- EXIST. FENCE
- PROP. CHAIN LINK FENCE
- PROP. MANHOLE
- PROPERTY LINE

- NOTES:**
- See sheet C-6 to C-8 for Details & Sections.
  - For site lighting Details see Elec. sh'ts.
  - Use Bituminous Pav't (Section 2) for "Bit. Pav't Ramp" and "Bit. Pav't Transition Section", at Truck Scale.
  - The Truck Scale conc. platform, the floating conc. structural foundation, & the level conc. approach slab shall be designed by the Scale Mfg. (see Misc. Detail sh't. C-6 for add'l information). The Conc. Platform shall be provided with a 6" reveal, conc. curb along the outer edge.
  - Clearance between "Structural Conc. Curbing" & "Truck Scale Platform" shall be +/- 1 1/2", a rock guard shall be provided.
  - The "Level Conc. Approach Slab" & the "Bit. Pav't Ramp" shall be constructed adjacent to the "Structural Conc. Curbing"; use "Preformed Expansion Joint Filler" material between the two faces.
  - Joint pattern for all concrete sidewalks to be approved by the Engineer in the field.
- 400 W. H.P.S. FLOOR LIGHT MOUNTED ON A 40' HIGH ALUMINUM POLE (SEE DWG. E-11)

**CURVE DATA**

NO.	R	D	T	L
1.	50'	26°03'12.6"	11.57'	22.74'
2.	20'	63°56'47.4"	12.48'	22.32'

NO.	DESCRIPTION	DATE	BY	NO.	DESCRIPTION	DATE	BY
1	ISSUED FOR BID	5/4	D.M.				
	ISSUED FOR CONSTRUCTION	6/11	D.M.				
	AS - BUILT	11/43	D.M.				

**RIDBERG + ASSOCIATES**

RIDBERG + ASSOCIATES,  
ARCHITECTS, PC  
2 DEARFIELD DRIVE  
GREENWICH, CT 06831  
203 625 0491

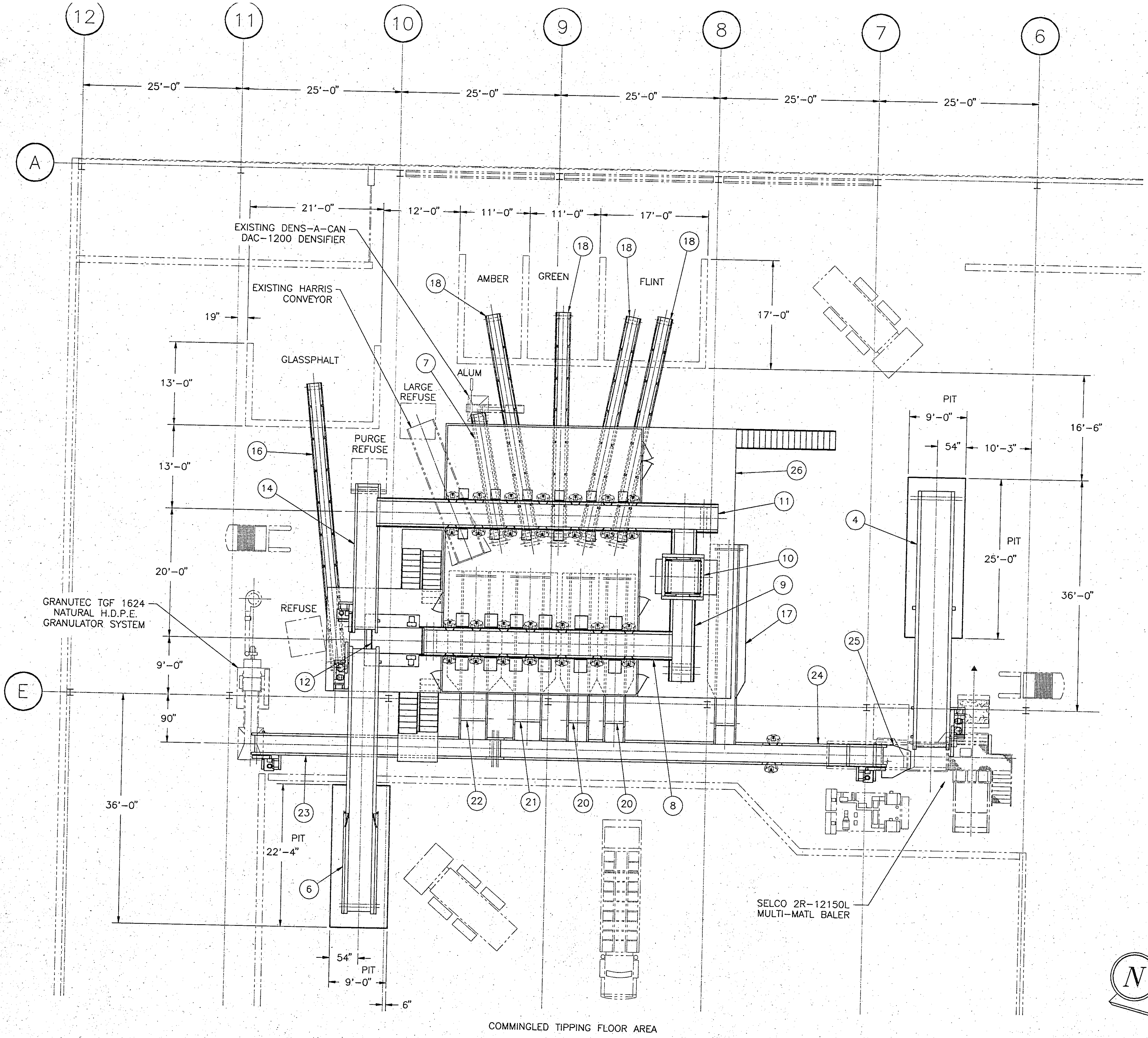
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DES. M.S.F.  
DRWN. C.M.B.  
CHK. N.M.P.  
PROJ. ENGR. D.L.M.  
APPROVED D.L.M.

SCALE: 1"=20'  
DATE: 5/4/92  
DRAWING NO. C-1

**INTERMEDIATE PROCESSING CENTER  
STRATFORD, CONNECTICUT  
SITE PLAN**

ITEM	REQ'D	DESCRIPTION	ORDER NUMBER	DRAWING NUMBER
1	1	FIBER INFEEED CONVEYOR 60" WIDE X 6" PITCH	913194	35848-A
2	1	FIBER SORTING CONVEYOR 60" WIDE SLIDER BELT	913195	35849-A
3	1	FIBER SORTING PLATFORM W/CHUTES & SUPP	913196	35850-A
4	1	MULTI-MATL INFEEED CONV 60" WIDE 6" PITCH	913197	35851-A
5	1	ELECTRICAL CONTROLS - FIBER SYSTEM	913198	35852-A
6	1	COMMINGLED INFEEED CONV 48" WIDE 6" PITCH	913199	35853-A
7	1	ALUMINUM CONVEYOR 18" WIDE SLIDER BED	913200	35854-A
8	1	PLASTIC SORTING CONV 42" WIDE SLIDER BED	913201	35855-A
9	1	INCLINED MAGNET CONVEYOR 36" WIDE SLIDER BED	913202	35856-A
10	1	ELECTRO-MAGNET WITH CHUTES AND SUPPORTS	913203	35857-A
11	1	GLASS SORTING CONVEYOR 42" WIDE SLIDER BED	913204	35858-A
12	1	INCLINED SCREEN - 4' X 8' SINGLE DECK	913205	35859-A
13	1	GLASS CRUSHER - SCREEN FINES	913206	35860-A
14	1	COMMINGLED RETURN CONV 42" WIDE 2 1/2" PITCH	913207	35861-A
15	1	PAN SCREEN - 18" WIDE X 8'-0" LG	913208	35862-A
16	1	GLASSPHALT CONVEYOR 18" WIDE TROUGH BELT	913209	35863-A
17	1	FERROUS HOLDING CONVEYOR 36" WIDE 2 1/2" PITCH	913210	35864-A
18	4	GLASS CONVEYOR 18" WIDE TROUGH BELT	913211	35865-A
19	4	GLASS CRUSHER - PICKED	913212	35866-A
20	2	P.E.T. BUNKER CONVEYOR 36" WIDE X 2 1/2" PITCH	913213	35867-A
21	1	H.D.P.E. BUNKER CONV 48" WIDE X 2 1/2" PITCH	913214	35868-A
22	1	H.D.P.E. NATURAL BUNKER CONV 48" W X 2 1/2" P	913215	35869-A
23	1	H.D.P.E. TRANSFER CONV 36" WIDE X 2 1/2" PITCH	913216	35870-A
24	1	COMMINGLED BALER FEED CONV 36" W X 2 1/2" P	913217	35871-A
25	1	SWIVEL CHUTE - 90 DEGREE MANUAL ROTATION	913218	35872-A
26	1	COMMINGLED MEZZANINE WITH ENCLOSURE	913219	35873-A
27	1	ELECTRICAL CONTROLS - COMMINGLED SYSTEM	913220	35874-A



1 REVISED GRID LINES, BALER EJECT, AND PIT SIZE PER CUST. REQUEST		3-25-92	DPM
NO.	REVISION DESCRIPTION	DATE	BY
DATE	BY	SCALE	
DRAWN 1-31-92	McGEE	1/8" = 1'-0"	
CHECKED			
APPROVED			
INTERMEDIATE PROCESSING CENTER STRATFORD, CONNECTICUT COMMINGLED PROCESSING EQUIPMENT PLAN LAYOUT			
ORDER NUMBER		CUSTOMER	DRAWING NUMBER
C913194		FCR/CRRA	35847-B
		REVISION	1

TOLERANCE UNLESS OTHERWISE SPECIFIED : X.XX = ± 0.02 X.XXX = ± 0.005 FRACTIONS, STRUCTURAL ± 1/16, ANGLES ± 1/44"