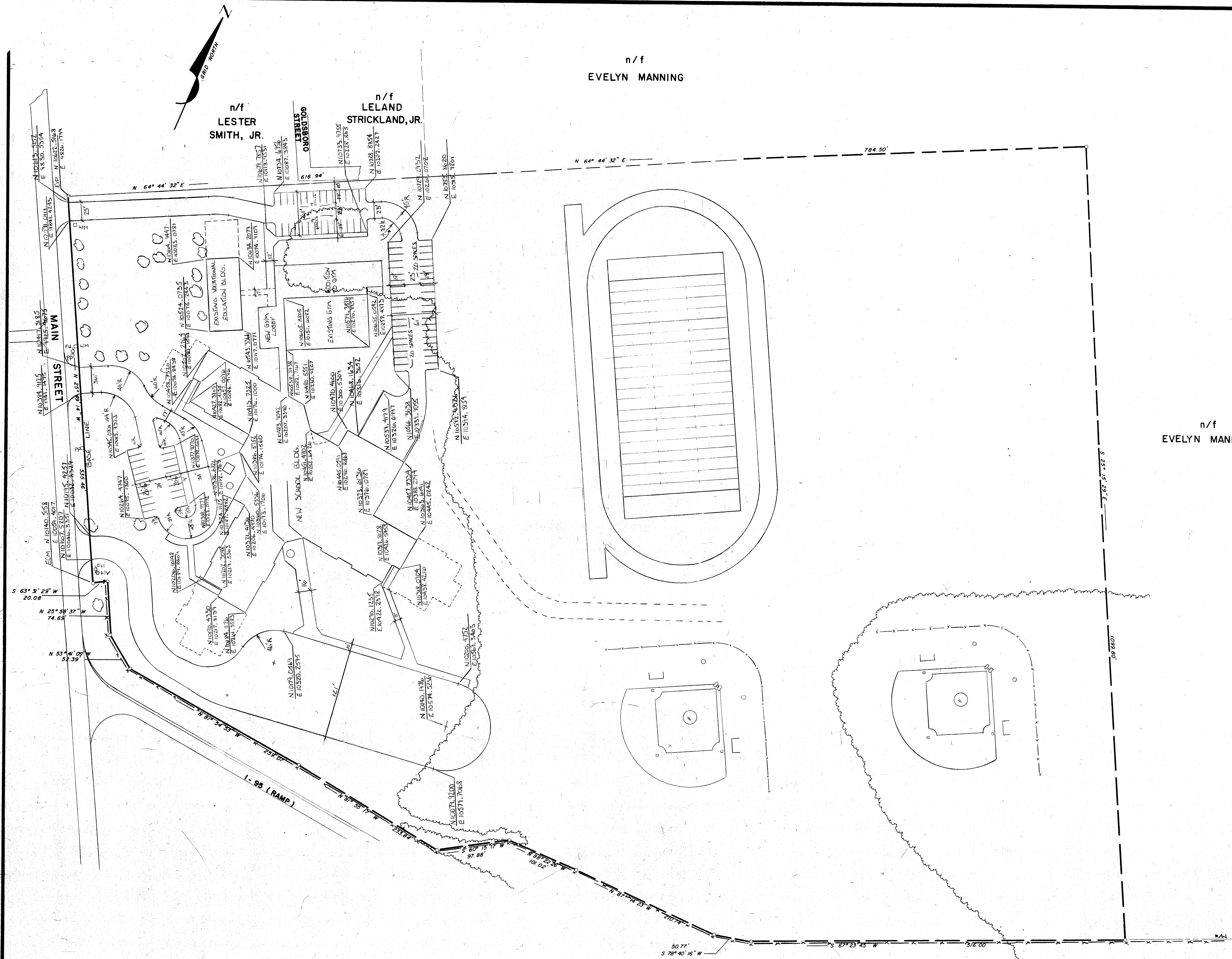


U. S. INTERSTATE 95

11-2-87
James H. Bellamy

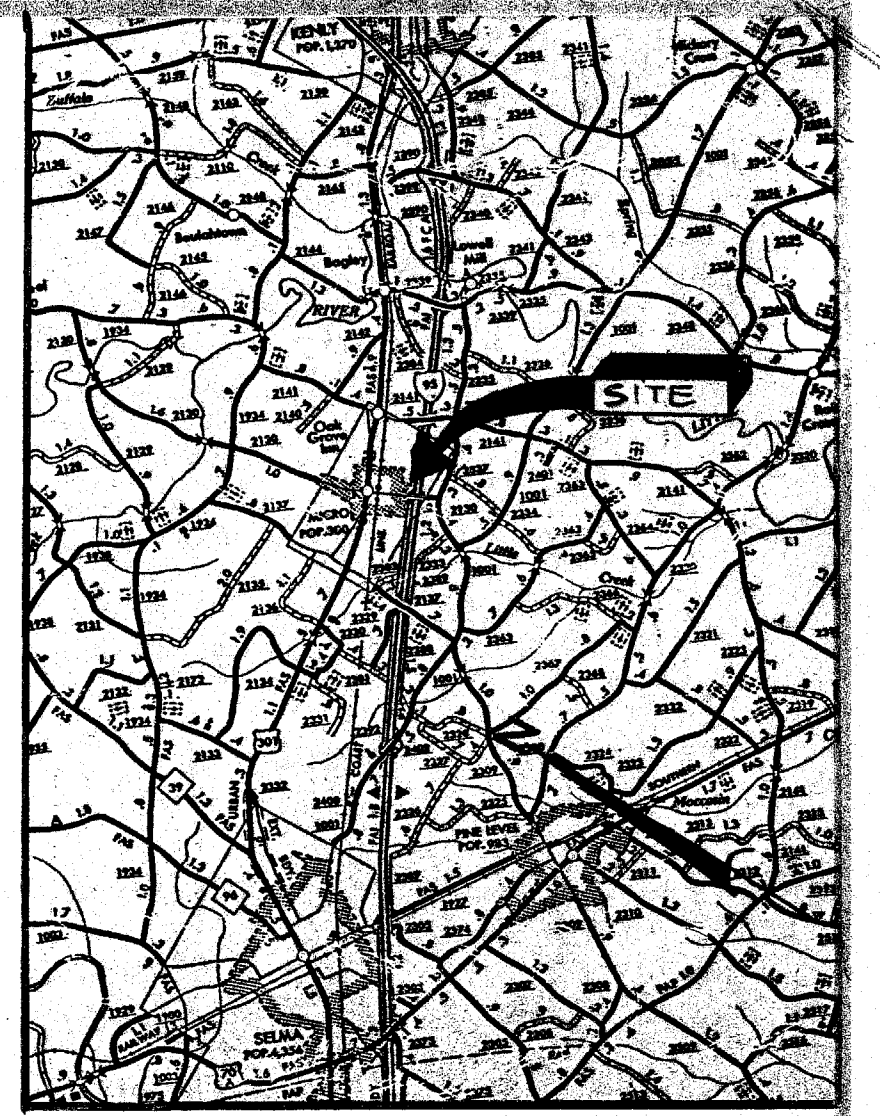
RAGSDALE CONSULTANTS, P.A.
ENGINEERS, ARCHITECTS & SURVEYORS
310 E. JOHNSON STREET
P.O. BOX 1748
SMITHFIELD, N.C. 27579

**NORTH JOHNSTON
MIDDLE SCHOOL**

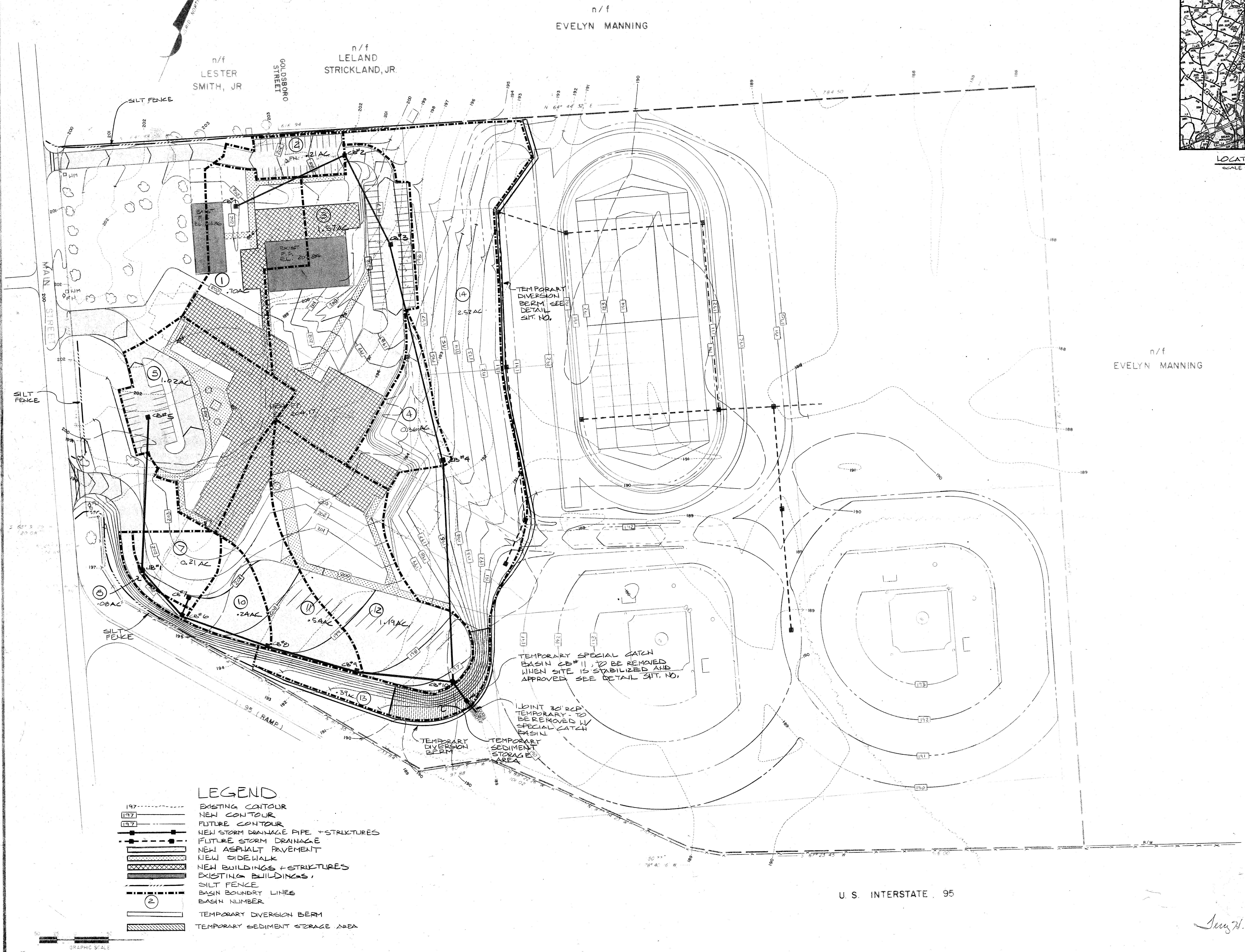
STAKING PLAN

DATE	
DWG BY	
CHK BY	
REVISIONS	
NO.	DATE

DRAWING NO.
C-2



LOCATION MAP
SCALE: 1" = 2 MILES



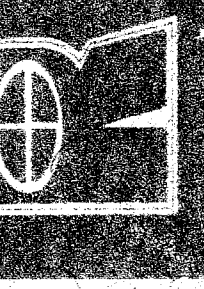
LEGEND

- 197 --- EXISTING CONTOUR
- 197 --- NEW CONTOUR
- 197 --- FUTURE CONTOUR
- NEW STORM DRAINAGE PIPE + STRUCTURES
- FUTURE STORM DRAINAGE
- NEW ASPHALT PAVEMENT
- NEW SIDEWALK
- NEW BUILDINGS + STRUCTURES
- EXISTING BUILDINGS
- SILT FENCE
- BASIN BOUNDARY LINES
- BASIN NUMBER
- TEMPORARY DIVERSION BERM
- TEMPORARY SEDIMENT STORAGE AREA

U. S. INTERSTATE 95

11-2-87
J. H. Sullivan

RAJSDAL CONSULTANTS, P.A.
ENGINEERS, ARCHITECTS & SURVEYORS
310 E. JONATHAN STREET
SMITHFIELD, R.I. 02877
P.O. BOX 1745
SMITHFIELD, R.I. 02877

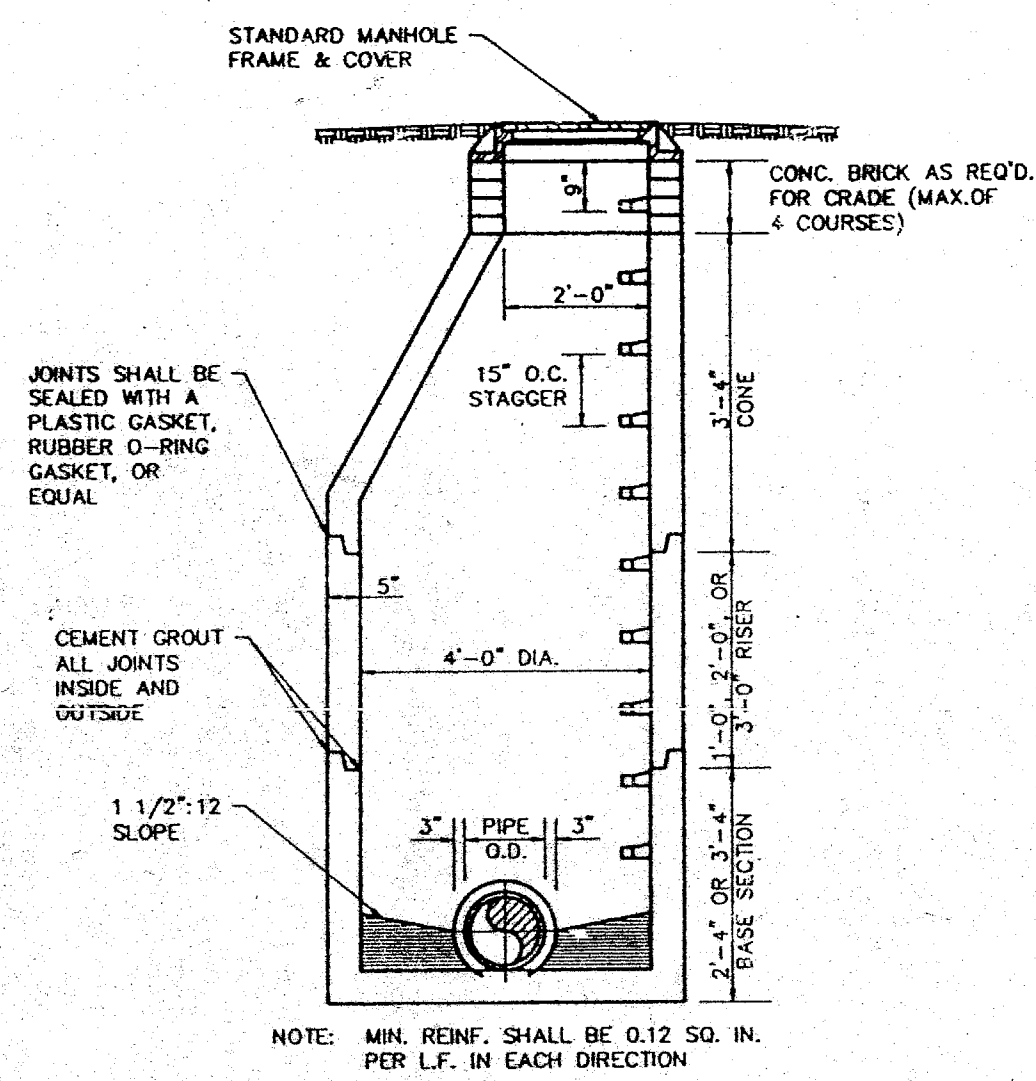


NORTH JOHNSTON MIDDLE SCHOOL

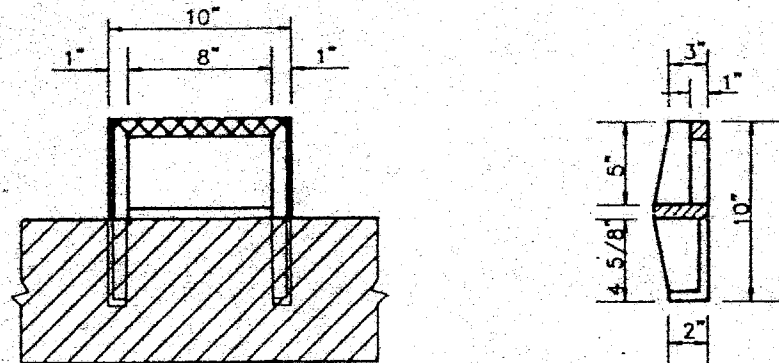
SOIL & EROSION CONTROL
PLAN

DATE:	
DWG BY:	
CND BY:	
REVISIONS	
NO.	DATE

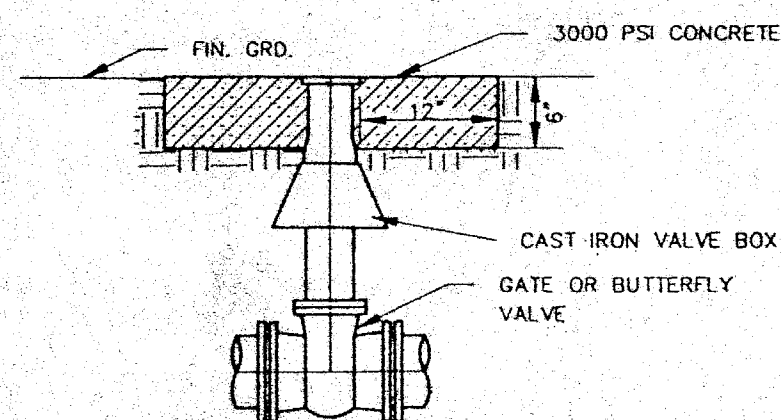
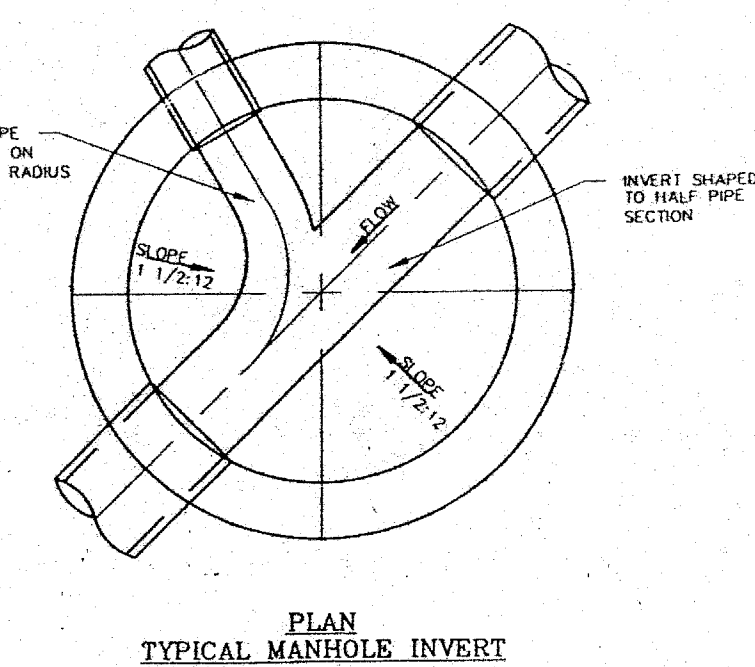
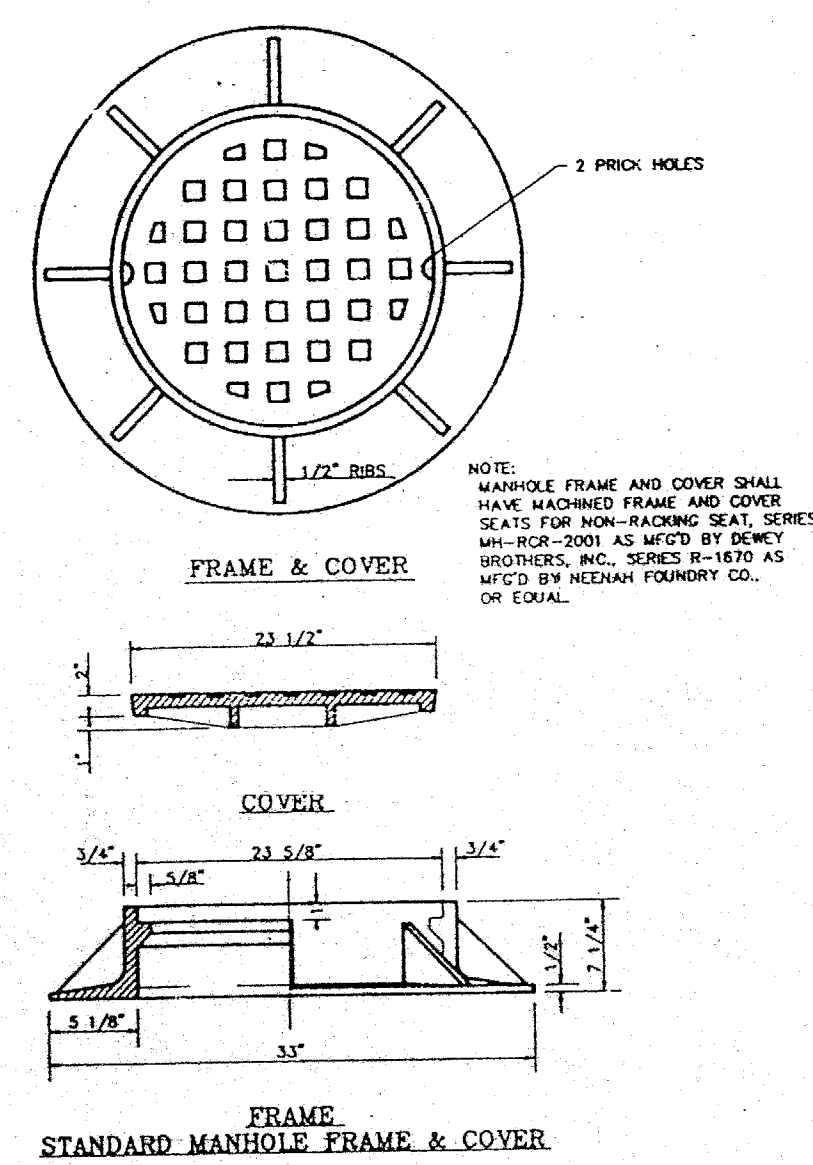
DRAWING NO.
C-4
OF



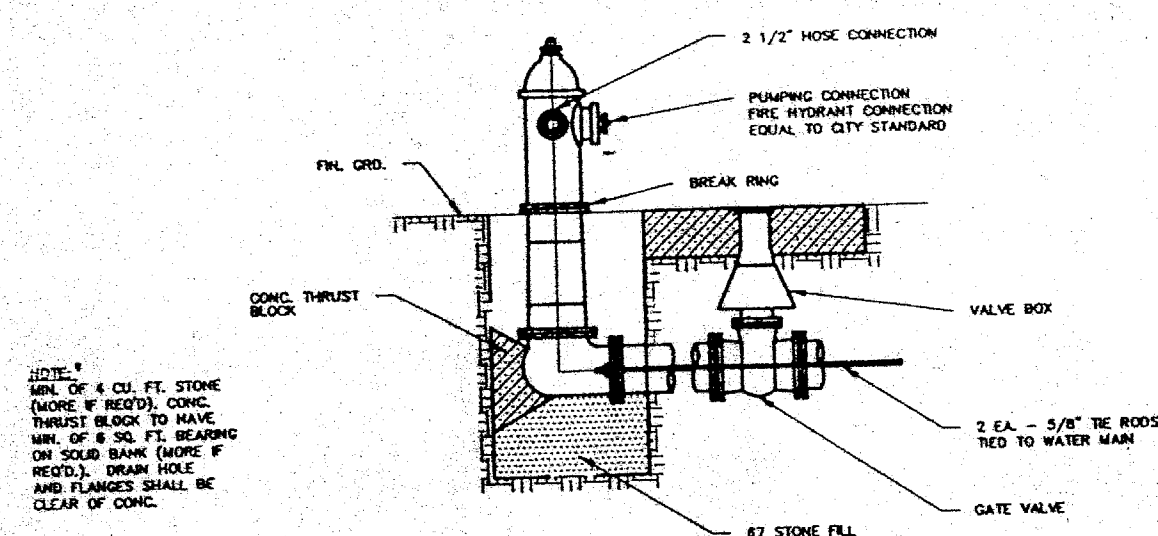
TYPICAL PRECAST MANHOLE WITH CONCRETE BOTTOM



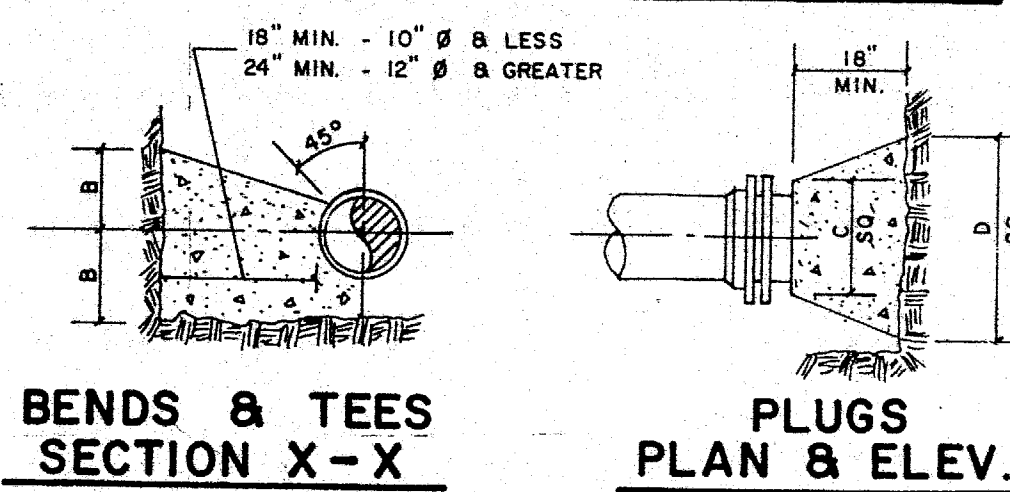
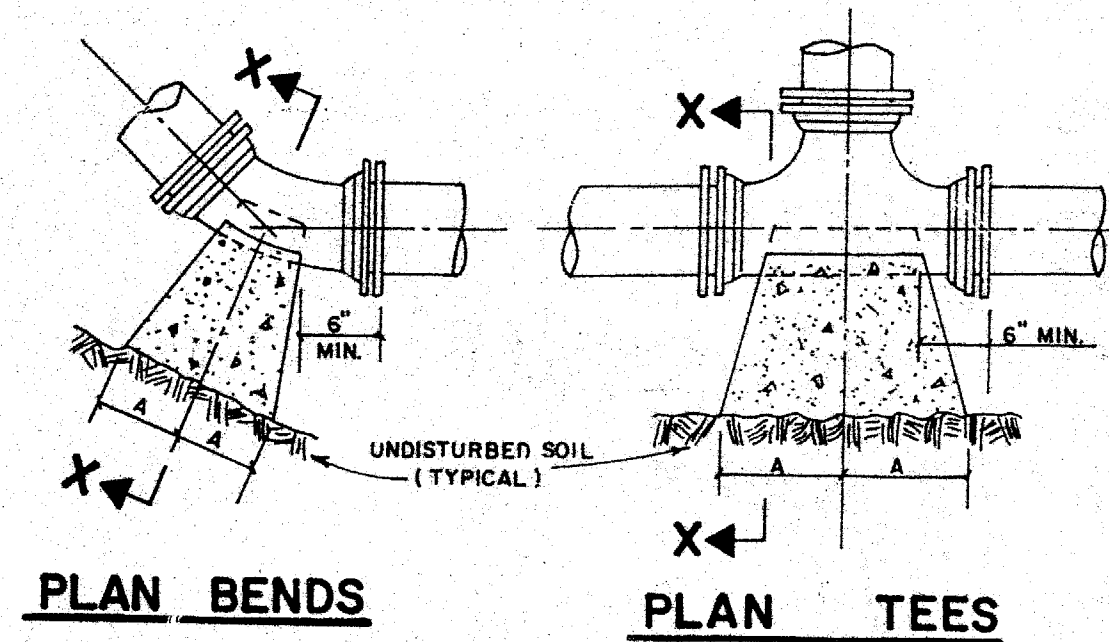
CAST IRON MANHOLE STEP DETAIL



TYPICAL VALVE DETAIL

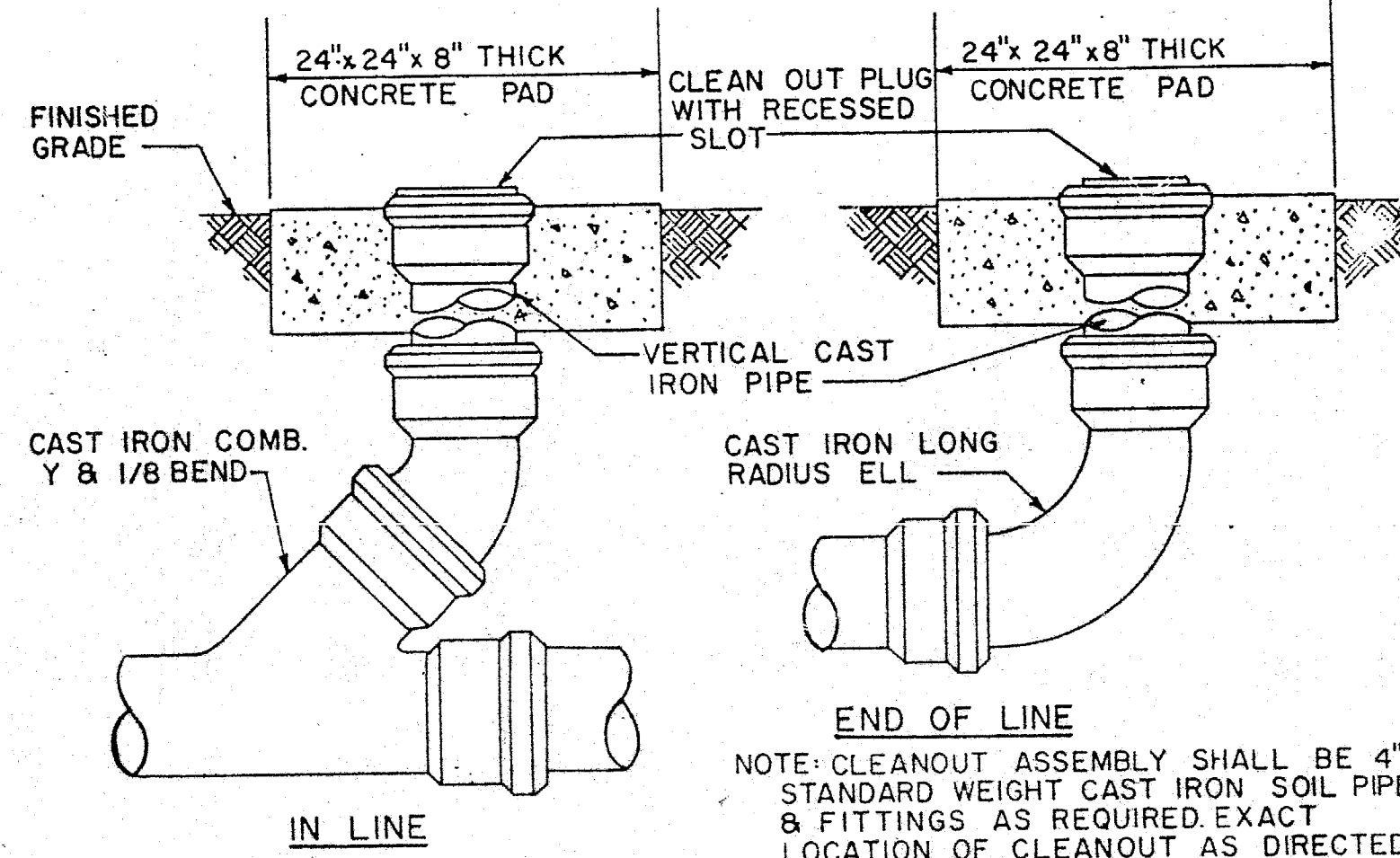


HYDRANT SETTING DETAIL

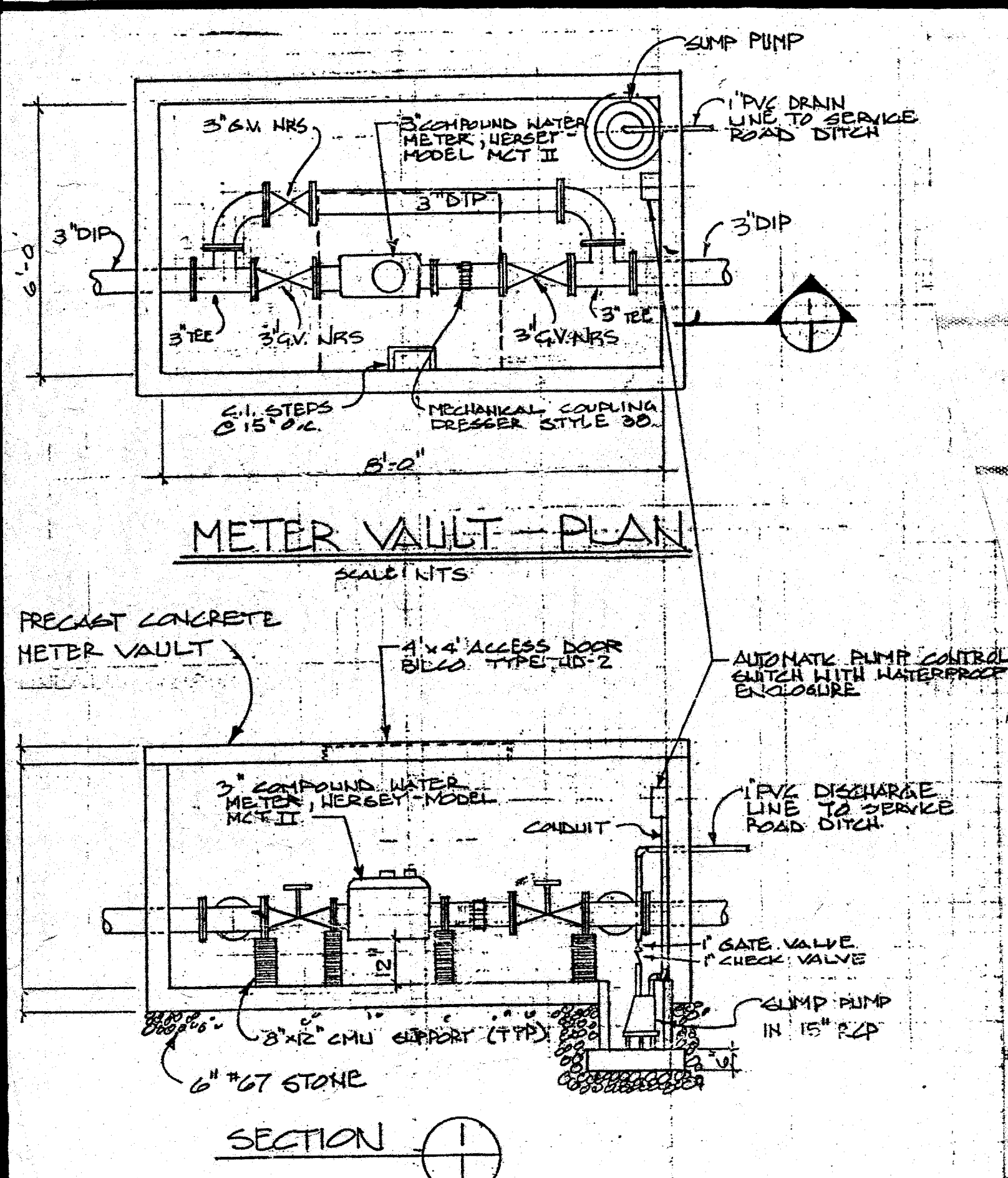


PIPE SIZE	90° BEND		45° BEND		22 1/2° BEND		11 1/4° BEND		TEE		PLUG	
	A	B	A	B	A	B	A	B	A	B	C	D
4"	8"	12"	8"	8"	6"	6"	6"	6"	6"	6"	6"	10"
6"	10"	12"	8"	10"	6"	8"	6"	8"	10"	10"	10"	12"
8"	15"	13"	10"	10"	8"	8"	8"	10"	12"	12"	12"	24"
10"	16"	14"	10"	12"	8"	10"	6"	10"	11"	14"	14"	25"
12"	18"	16"	12"	14"	8"	11"	8"	11"	14"	16"	16"	30"
14"												
16"	26"	20"	16"	18"	11"	13"	11"	13"	16"	20"	20"	36"
20"	50"	24"	31"	22"	21"	16"	12"	15"	36"	24"	24"	58"
24"	60"	28"	36"	26"	25"	20"	14"	17"	44"	28"	28"	70"

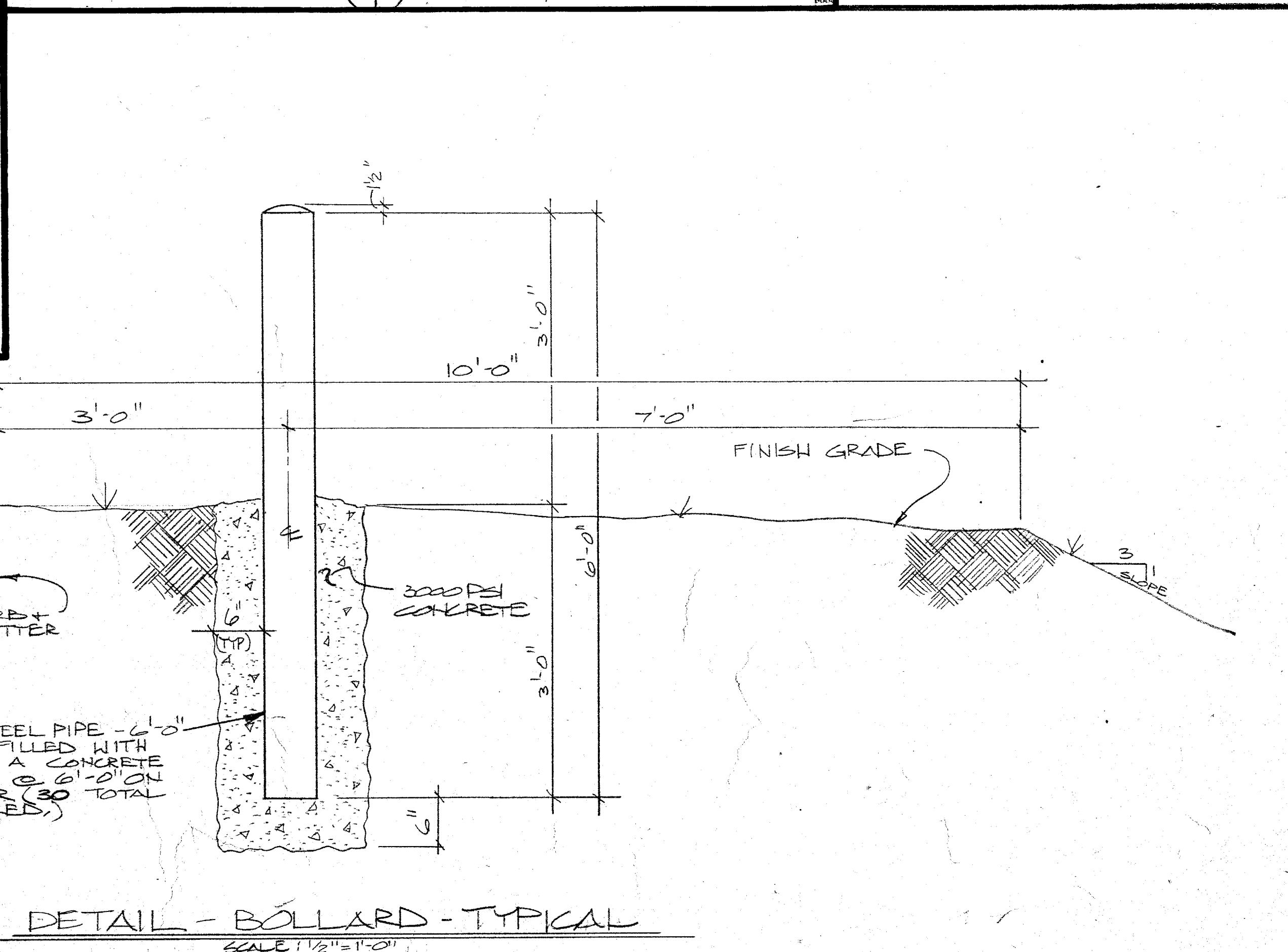
THRUST BLOCK DETAILS



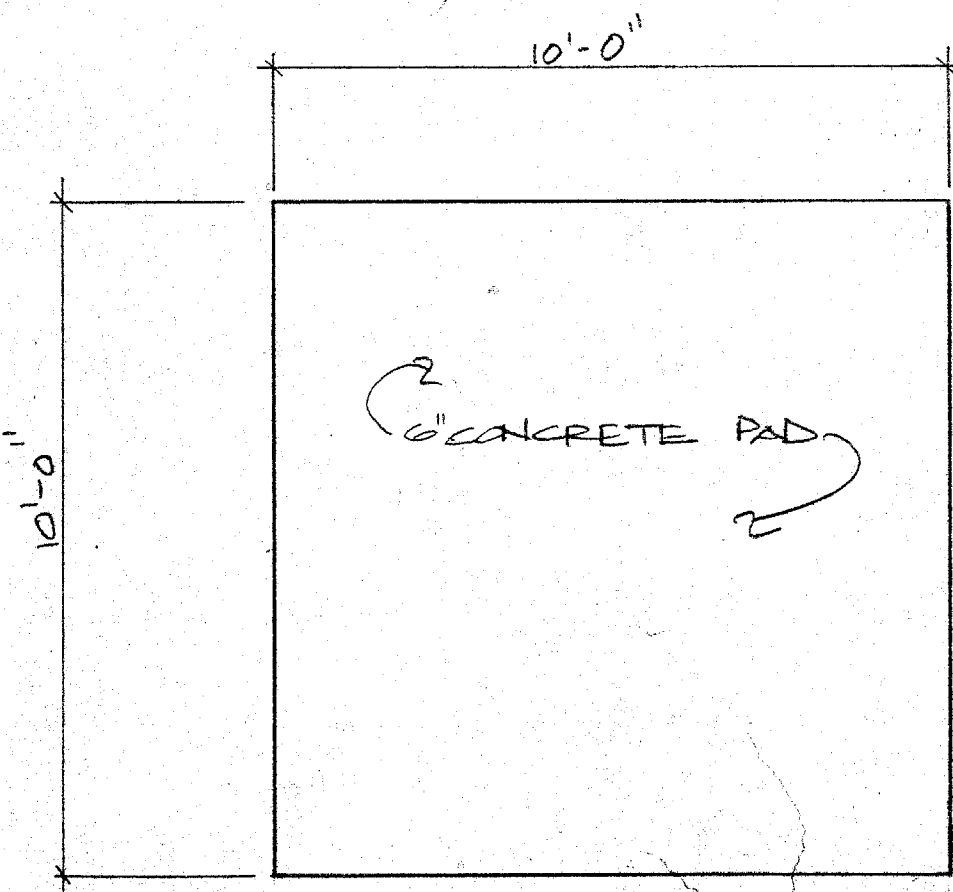
CLEANOUT DETAILS NO SCALE



METER VAULT - PLAN

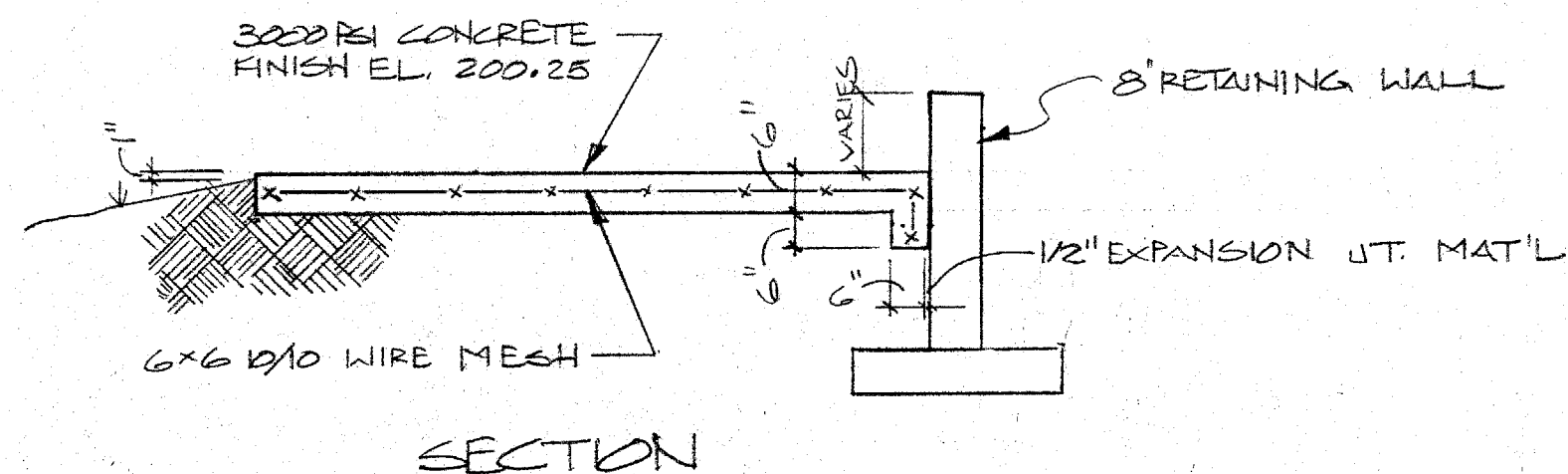


DETAIL - BOLLARD - TYPICAL SCALE 1/2\"/>

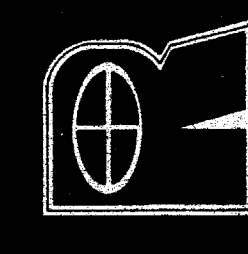


PLAN

DETAIL - CONCRETE DUMPSTER PAD N.T.S.



SECTION



11-2-87
J. H. Lallier

1. Obtain grading permit.
2. Install grove construction pad, temporary diversions, silt fencing, sediment basins or other measures as shown on the approved plan. Clear area necessary to install these devices.
3. Call 755-6838 for onsite inspection by Environmental Inspector and obtain Certification of Compliance.
4. Begin clearing and grubbing. Maintain devices as needed.
5. Round up debris.
6. Install storm sewer (if shown) and protect inlets with silt fencing, sediment traps or other approved measures as shown on plan.
7. Begin clearing and grubbing.
8. Stabilize site as areas are brought up to finish grade with vegetation, paving, ditch linings, etc.
9. When construction is complete, all disturbed areas are stabilized completely, call for inspection by Environmental Inspector.
10. If site is approved, remove temporary diversions, silt fences, sediment basins, etc., and seed out or pave any remaining areas. All remaining permanent erosion control devices (such as velocity dissipators) should be installed now.
11. When construction has become established, call for final site inspection by Environmental Inspector.

1. Chisel compacted areas and spread topsoil 3 inches deep over adverse soil conditions, if available.
2. Rip the entire area to 6 inches depth.
3. Remove all large rocks, roots and other obstructions leaving surface reasonably smooth and uniform.
4. Apply agricultural lime, fertilizer, and superphosphate uniformly and mix thoroughly.
5. Continue Liming until a well-pulverized, firm, reasonably uniform seedbed is prepared 4 to 6 inches deep.
6. Seed and mulch immediately seeded and cover evenly with seeding equipment or outcrop after seeding.
7. Mulch immediately after seeding and anchor mulch.
8. If necessary, reseed areas where necessary or seedlings wither the planting season, if possible. If stand should be over 60% damaged reestablish following original lime, fertilizer and seedling rates.
9. Control weeds and brush with maintenance treatment and herbicide application after permanent cover is established.

— *Chrysomelidae* (100%)

CEPRE

Shoulders, G. B. 1963. *Journal of the Fisheries Research Board of Canada* 20: 1033-1040.

Consult Conservation Engineer or Soil Conservation Service for additional information concerning other alternatives for vegetation of denuded areas. The above vegetation rates are those which do well under local conditions, other seeding rate combinations are possible.

***Temporary - Reseed according to optimum season for desired permanent vegetation. Do not allow temporary cover to grow over 12" in height before mowing, otherwise fescue may be shaded out.

[illegible]

FIG. 10 ILLUSTRATION ONLY—NO SCALE

METHODS OF WEIR CONSTRUCTION

A. SPECIAL CASE: ADJACENT TO POND
 1. POND FILL SHALL BE 10% OF C
 2. POND FILL SHALL BE 10% OF C

B. 1. POND FILL SHALL BE 10% OF C
 2. POND FILL SHALL BE 10% OF C

C. 1. POND FILL SHALL BE 10% OF C
 2. POND FILL SHALL BE 10% OF C

D. 1. POND FILL SHALL BE 10% OF C
 2. POND FILL SHALL BE 10% OF C

E. 1. POND FILL SHALL BE 10% OF C
 2. POND FILL SHALL BE 10% OF C

F. 1. POND FILL SHALL BE 10% OF C
 2. POND FILL SHALL BE 10% OF C

N.T.S.

TRANSVERSE AND LONGITUDINAL CUTS

NOT TO SCALE

[illegible]

11 21-11

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The foundation a
roofs, brush, ho

The cutoff trend
to lines and gra

The pipe conduit barrel shown on the plans. See

All borrow a
a manner that

The embankment material shall

there will be no
stantially in te

of compaction can

The structure shall be designed and soil are held to a minimum. Surface

A protective cover of
of the embankment, sp

Seed bed preparation, seeding, fertilization, and mulching shall comply with the seeding schedule.

