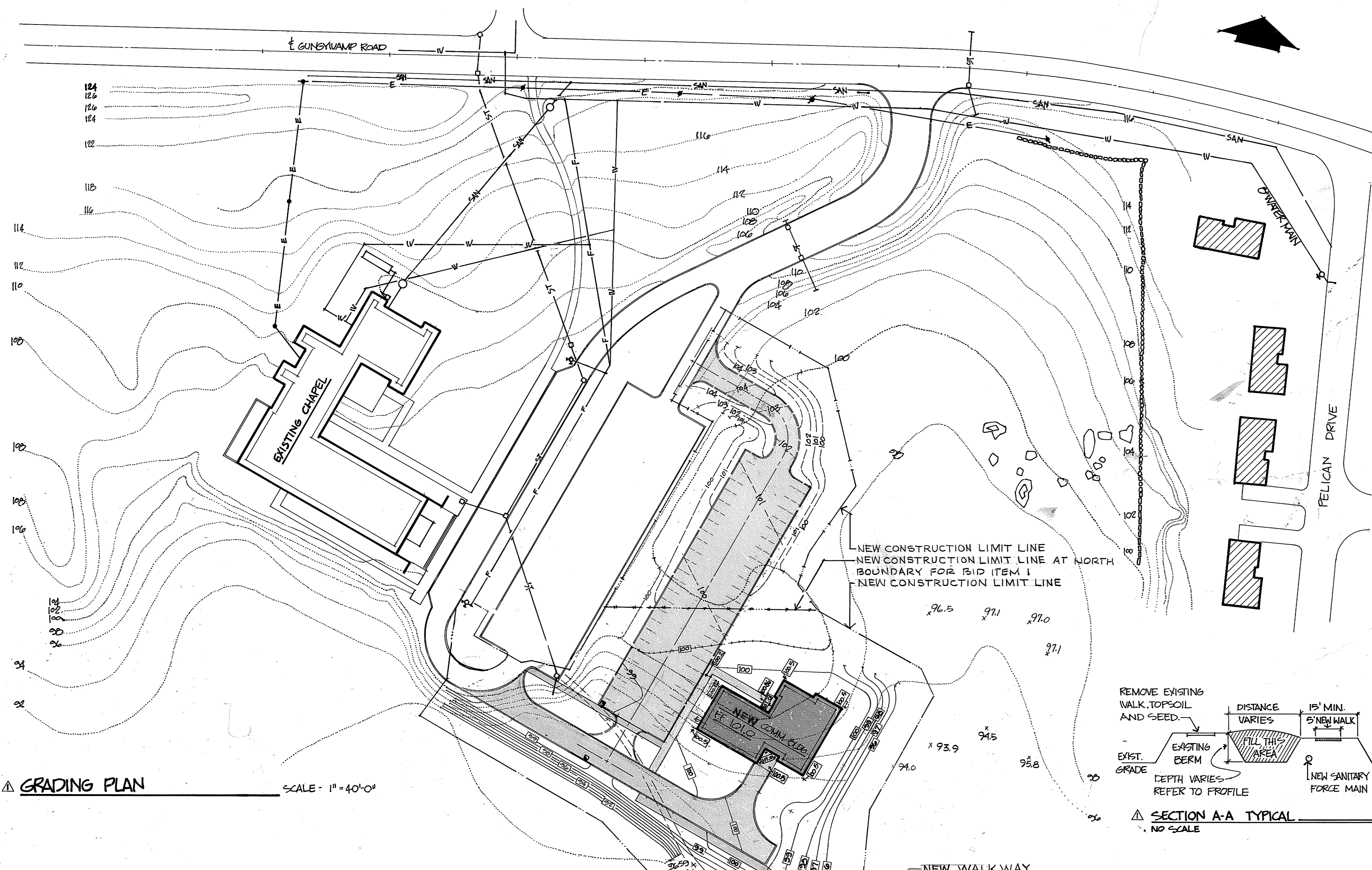
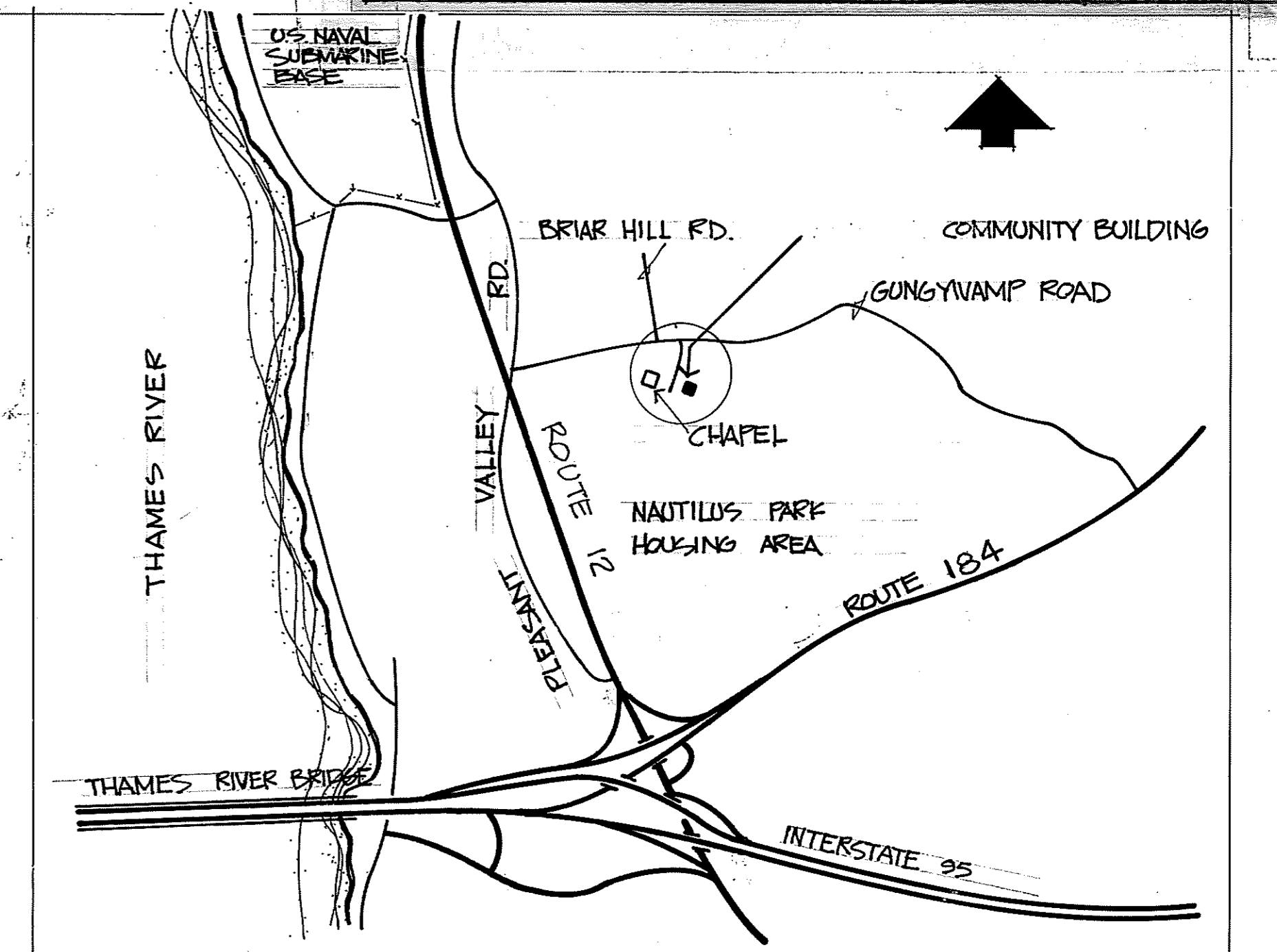


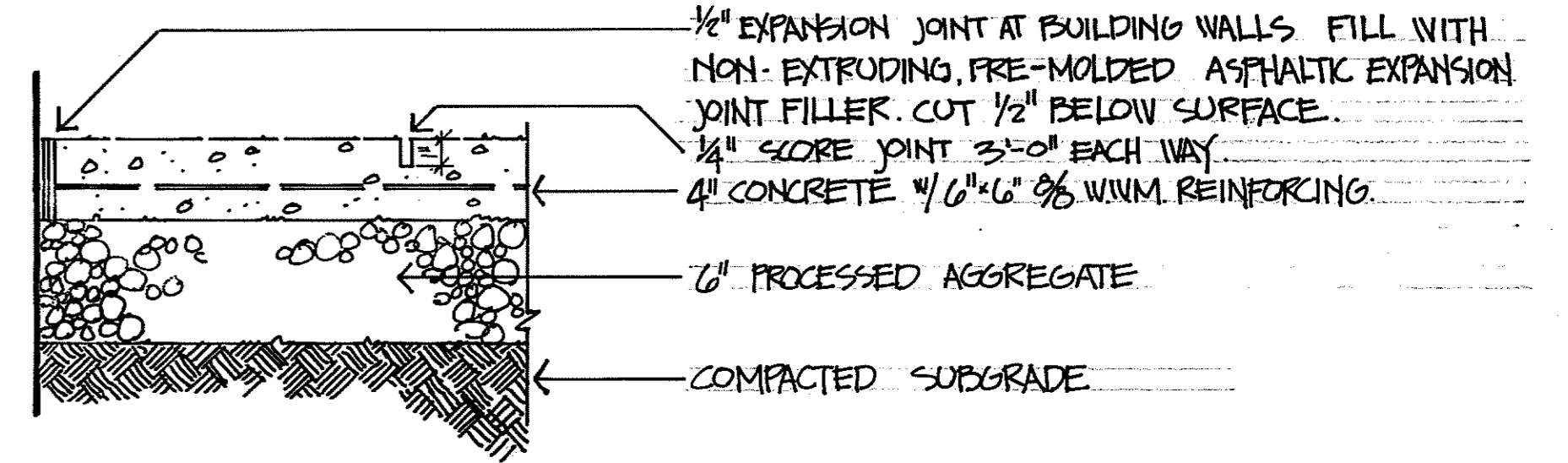
REVISIONS				
LTR	DESCRIPTION	PREP'D BY	DATE	APPROVED
A	REVISED GRADING & LAYOUT - PARKING LOT & WALK	M.R.R.	11/21/73	[Signature]
B	REVISED WALK SECTION	M.B.E.	11/21/73	[Signature]
A	AS BUILT	M.R.R.	5/20/75	[Signature]



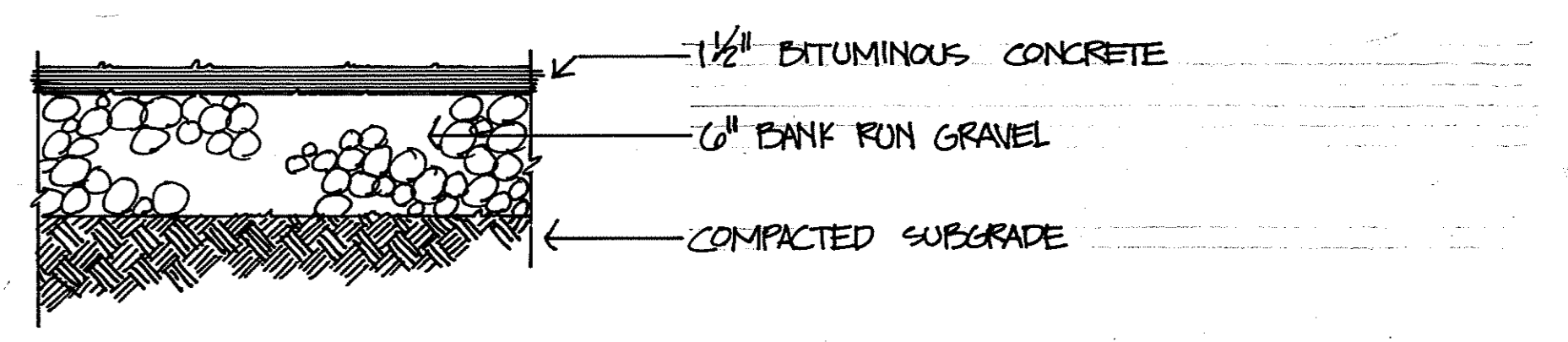
**GRADING PLAN** SCALE - 1" = 40'-0"



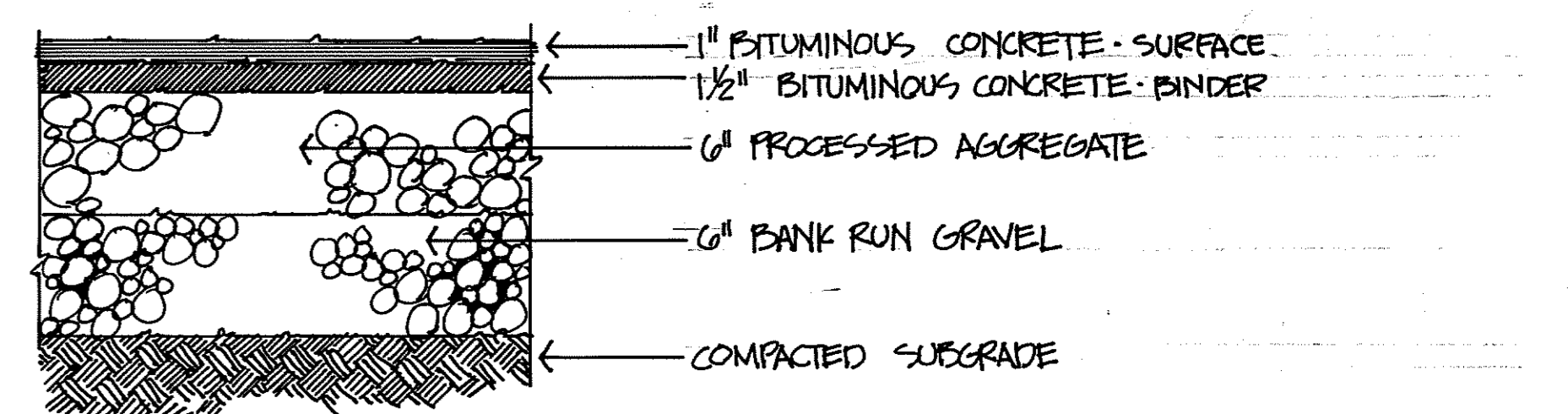
**LOCATION MAP** SCALE 1" = 2000'



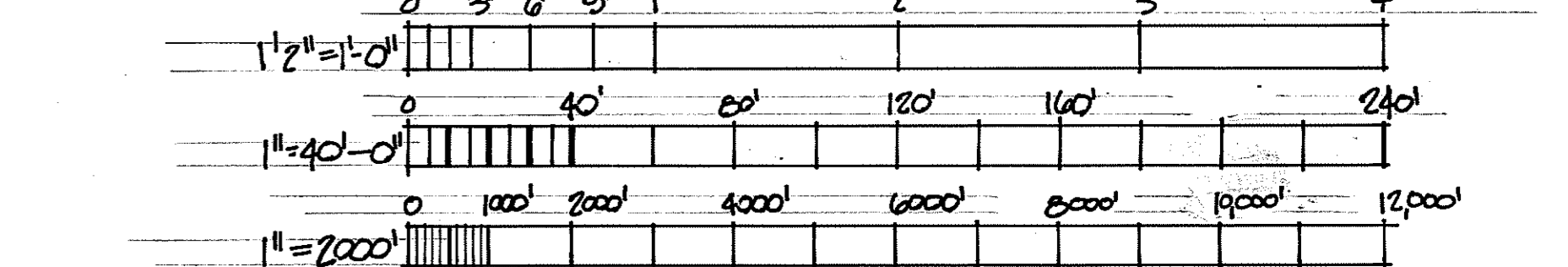
**CONCRETE PAVING** SCALE - 1 1/2" = 1'-0"



**BITUMINOUS CONCRETE WALK** SCALE - 1 1/2" = 1'-0"



**BITUMINOUS CONCRETE ROAD** SCALE - 1 1/2" = 1'-0"

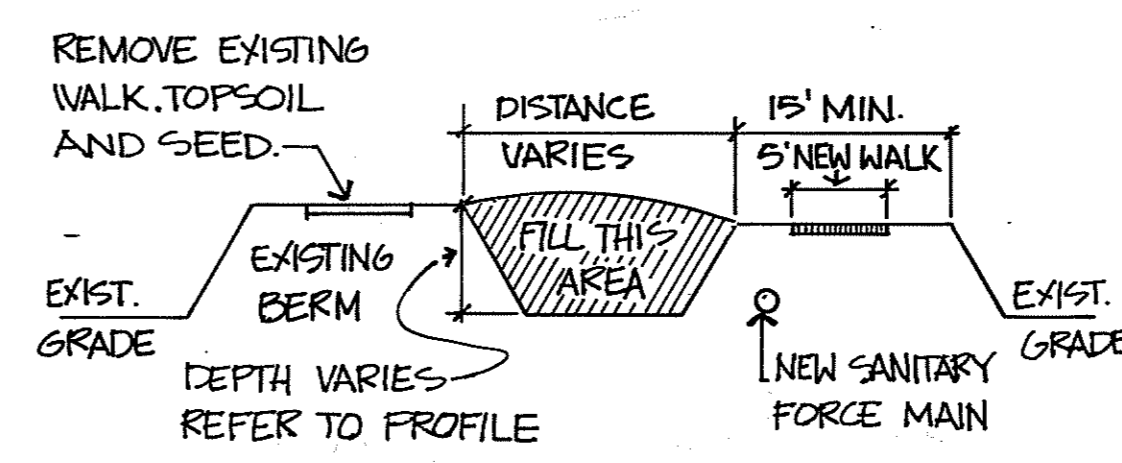


**GRAPHIC SCALE**

**GENERAL NOTES**

1. THE CONTRACTOR SHALL EXPOSE ALL EXISTING UTILITIES WHERE NEW CONNECTIONS ARE TO BE MADE. HE SHALL VERIFY THAT CONNECTIONS MAY BE MADE AS SHOWN ON PLANS. REPORT ALL DISCREPANCIES TO THE OFFICER-IN-CHARGE OF CONSTRUCTION PRIOR TO COMMENCEMENT OF WORK.
2. ALL DIMENSIONS TAKEN TO FACE OF BUILDING UNLESS OTHERWISE NOTED.
3. REFER TO SPECIFICATIONS FOR ADDITIONAL DETAILED INFORMATION.

CONTRACTOR SHALL FILL IN AREA BETWEEN 2 BERMS SO THAT NO WATER WILL BE RETAINED.



**SECTION A-A TYPICAL** NO SCALE

**LEGEND**

40.5	EXISTING SPOT GRADE
100	EXISTING CONTOUR
103	NEW CONTOUR
103.1	NEW SPOT GRADE
E	EXISTING ELECTRIC SERVICE
W	EXISTING WATER LINE
SAN	EXISTING SANITARY LINE
ST	EXISTING STORM LINE
—	EXISTING UTILITY POLE
○	EXISTING MANHOLE
○	EXISTING CATCH BASIN
○	EXISTING FIRE HYDRANT
○	NEW MANHOLE
○	NEW CATCH BASIN

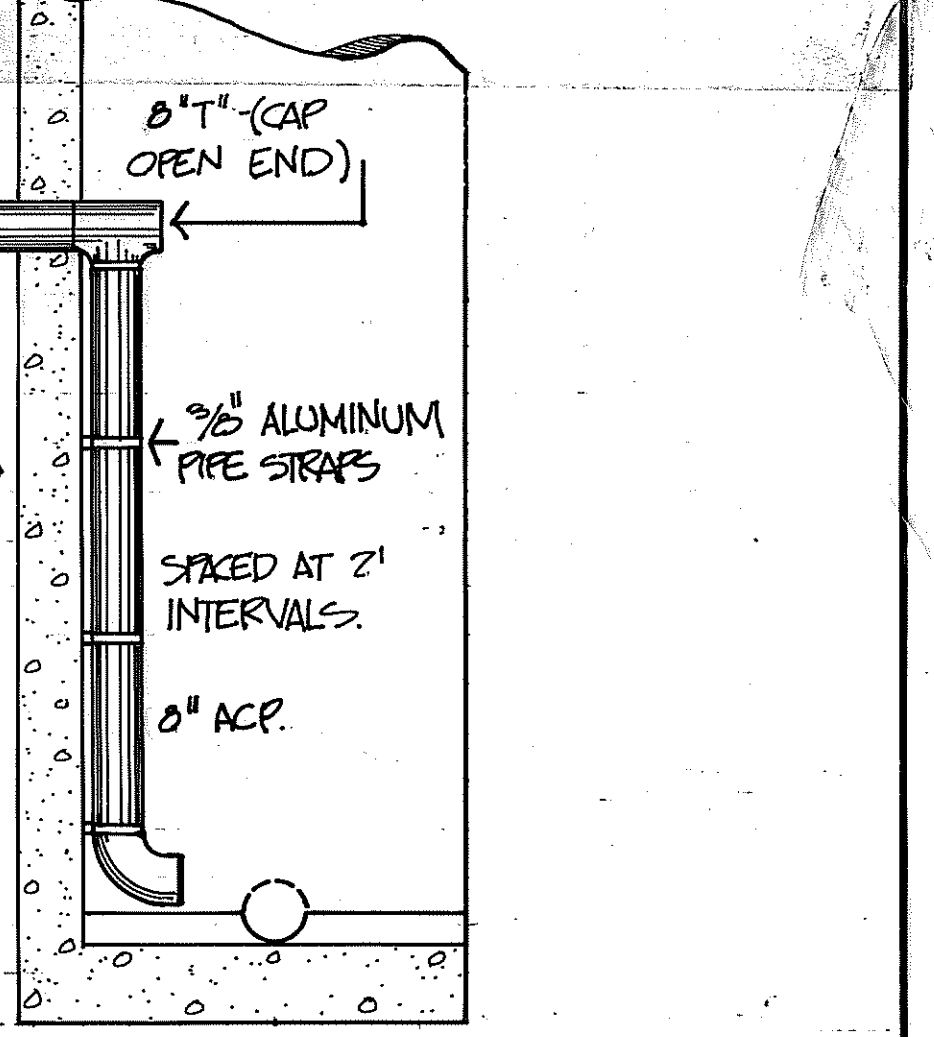
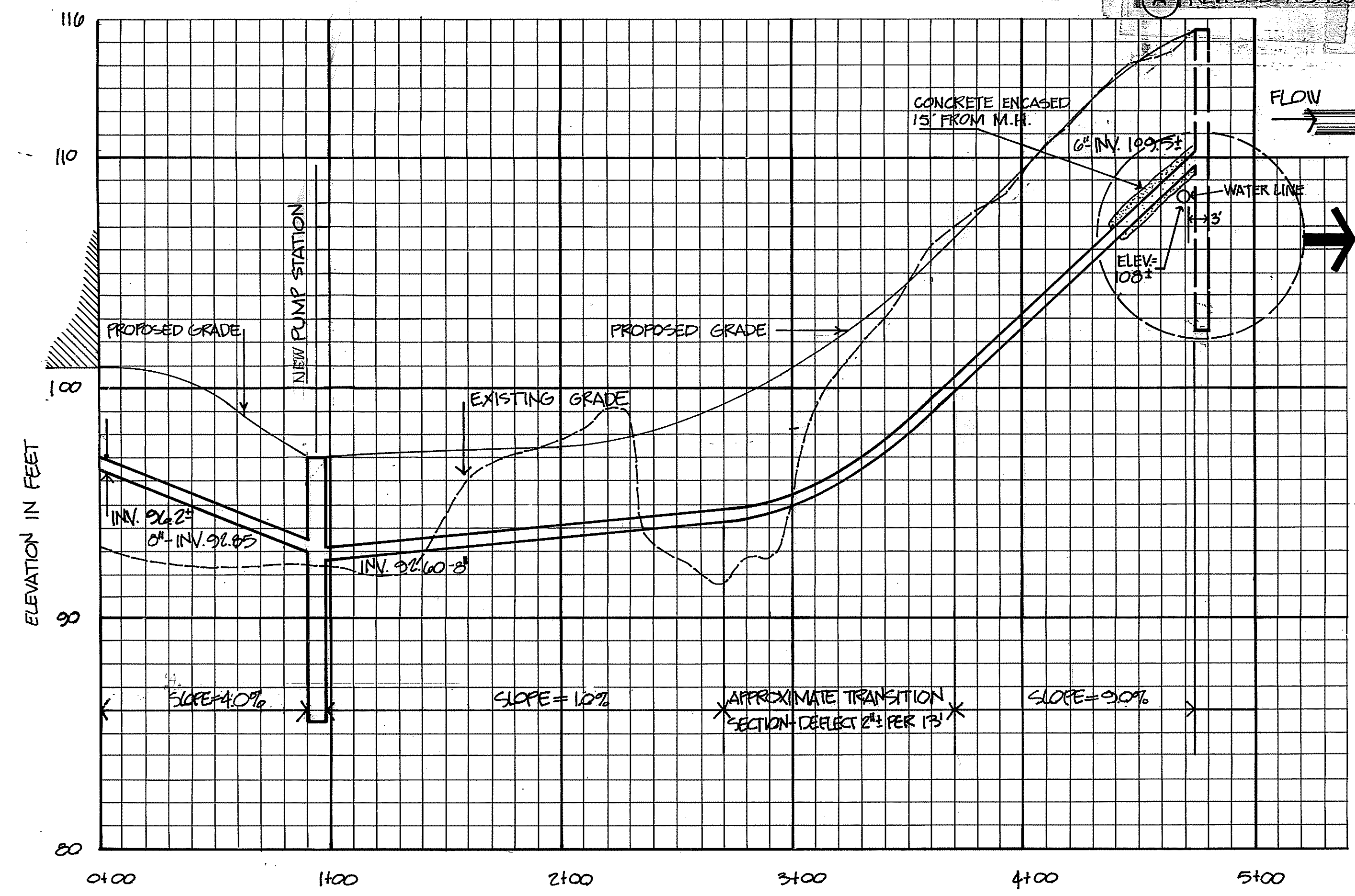
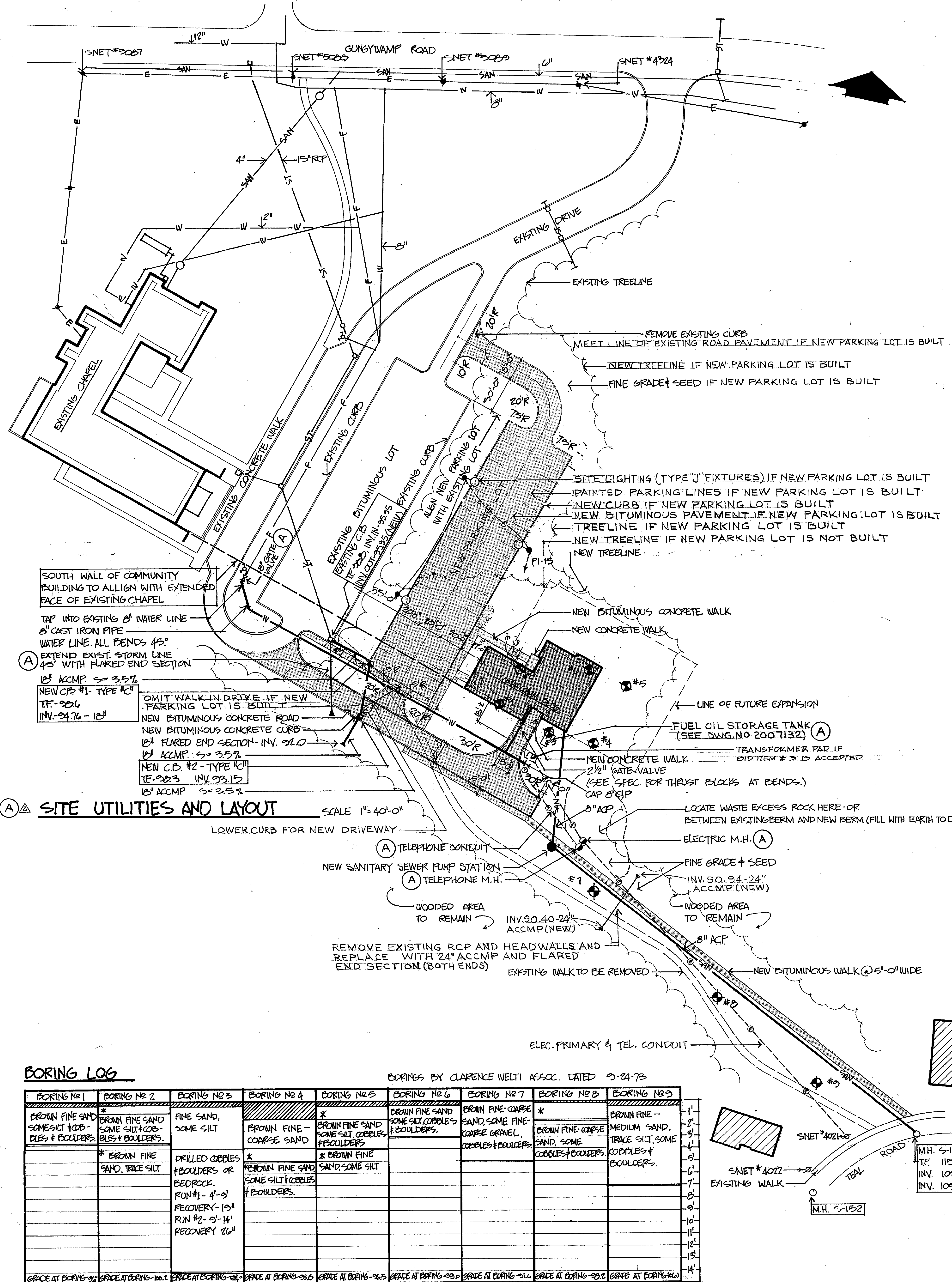
[Hatched Area]	NEW PAVEMENT
[Dashed Line]	NEW CONSTRUCTION LIMIT LINE TOTAL PROJECT (ALL BID ITEMS)
[Dotted Line]	NEW CONTOUR IF BID ITEM 2 AWARDED
[Dash-dot Line]	NEW CONTOUR LINE FOR BID ITEM 1; DELETED IF BID ITEM 2 IS AWARDED
[Dash-dot-dot Line]	NEW CONST. LIMIT LINE AT NORTH BOUNDARY FOR BID ITEM 1; DELETED IF BID ITEM 2 IS AWARDED

CHECK GRAPHIC SCALES BEFORE USING

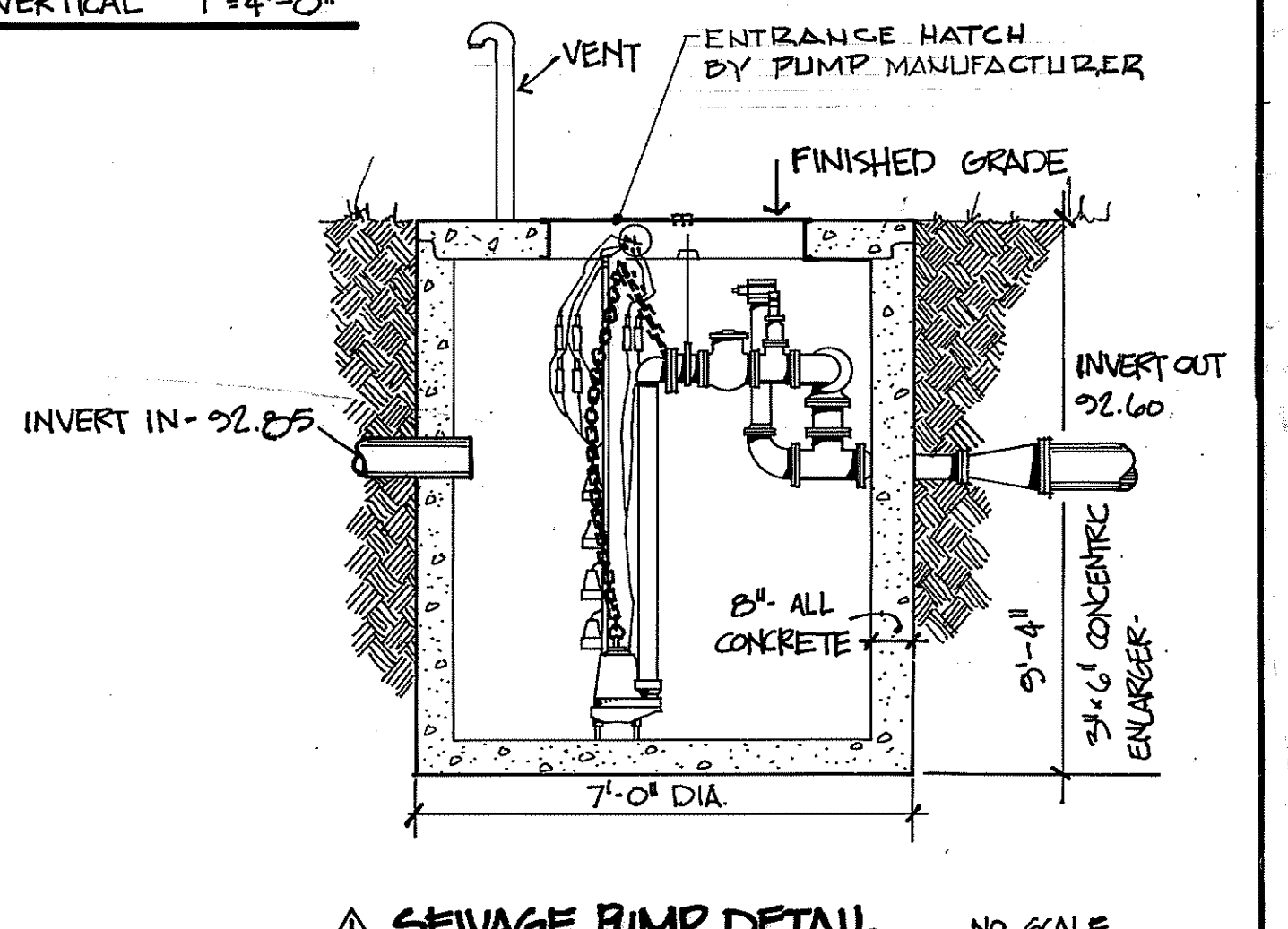
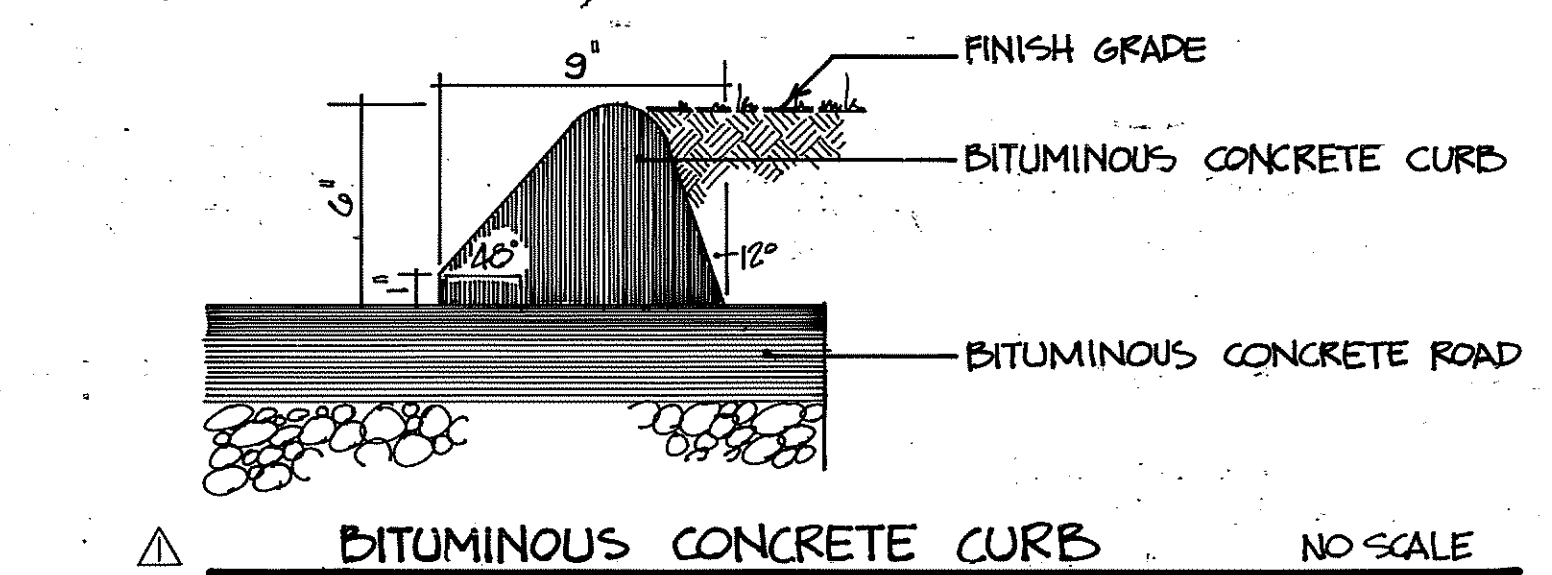
	HIRSCH - KAESTLE - BOOS ARCHITECTS - INC.	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
	NEW BRITAIN, CONN.	NAVAL BASE PHILADELPHIA, PA.
SUBMITTED BY: DATE:		COMMUNITY BUILDING
FIRM MEMBER (TITLE):		SITE GRADING PLAN
NORDIV		
APPROVED: DATE:		SIZE: CODE IDENT. NO. NAVFAC DRAWING NO.
OFFICER IN CHARGE: DATE:		F 80091 2007118
SATISFACTORY TO: DATE:		CONSTR. CONTR. NO. N62472-72-C-0581
NORDIV FOR COMMANDER NAVFAC		SCALE AS NOTED SPEC. 04-72-0381 SHEET 1 OF 18

JO. 8403R007 B-1004-1

REVISIONS			
LTR	DESCRIPTION	PREP'D BY	DATE APPROVED
A	CONST. DETAIL CHANGE	M.P.R.	11/21/73
A	PARKING LOT DIMENSION & ELEC. LAYOUT CHANGE	M.P.R.	11/21/73
A	REVISED A-S BUILT	M.P.R.	5-20-75



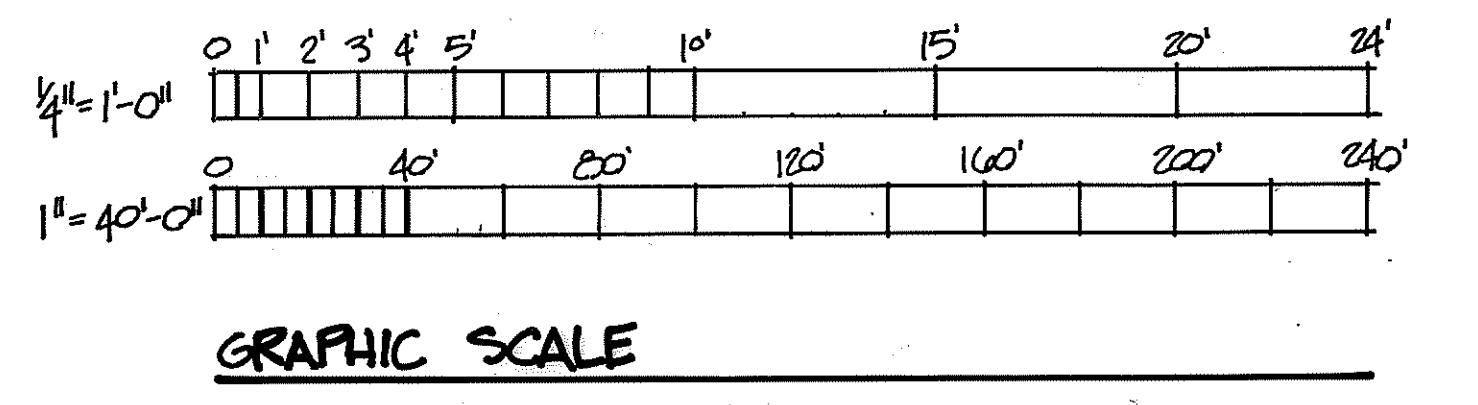
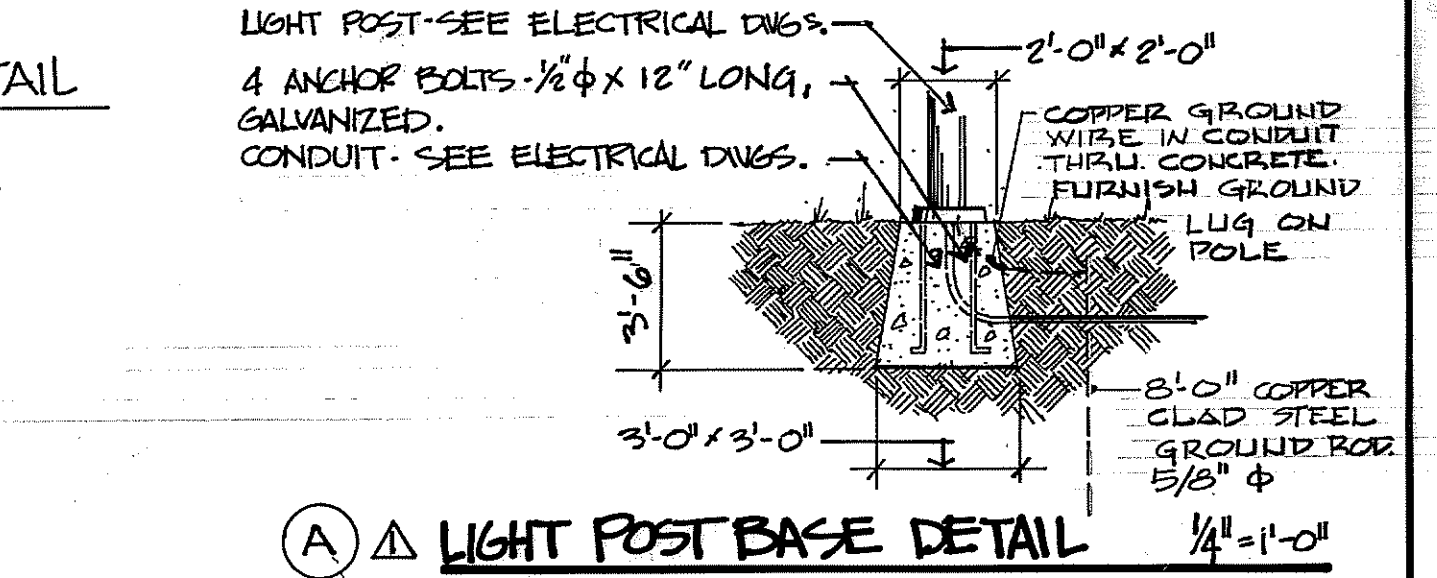
**Sanitary Sever Profile**  
NO SCALE



**LEGEND**

- NEW LIGHT STANDARD
- ⊖ NEW UNDERGROUND TELEPHONE CONDUIT
- ⊖ NEW UNDERGROUND ELECTRIC, TELEPHONE, & FIRE ALARM PRIMARY LINES (BID ITEM #3)
- F EXISTING FIRE MAIN
- E EXISTING ELECTRIC SERVICE
- W EXISTING WATER LINE
- SAN EXISTING SANITARY LINE
- ST EXISTING STORM LINE
- ⊖ EXISTING UTILITY POLE
- ⊖ EXISTING MANHOLE
- ⊖ EXISTING CATCH BASIN
- ⊖ EXISTING FIRE HYDRANT
- NEW MANHOLE
- NEW CATCH BASIN
- NEW WATER LINE
- NEW SANITARY LINE
- NEW STORM LINE
- NEW PAVEMENT
- NEW GATE VALVE
- BORING LOCATION AND NUMBER
- EXISTING TREELINE
- NEW TREELINE
- NEW TREELINE IF NEW PARKING LOT IS NOT BUILT

**Transformer Pad Detail**  
SCALE: 1/4"=1'-0"  
TO BE USED ONLY IF BID ITEM #3 IS ACCEPTED



- GENERAL NOTES**
- REFER TO GRADING PLAN FOR GRADING
  - ALL ROAD DIMENSIONS AND RADII ARE TO CURBSURFACES.
  - REFER TO GRADING PLAN FOR ADDITIONAL CONSTRUCTION DETAILS AND NOTES.
  - FINE GRADE AND SEED ALL EARTH AREAS DISTURBED BY THIS CONTRACT.

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND  
NORTH BRITAIN ARCHITECTS, INC. CONN. NAVAL BASE PHILADELPHIA, PA.  
NAVAL SUBMARINE BASE NEW LONDON, CONN.

**COMMUNITY BUILDING**

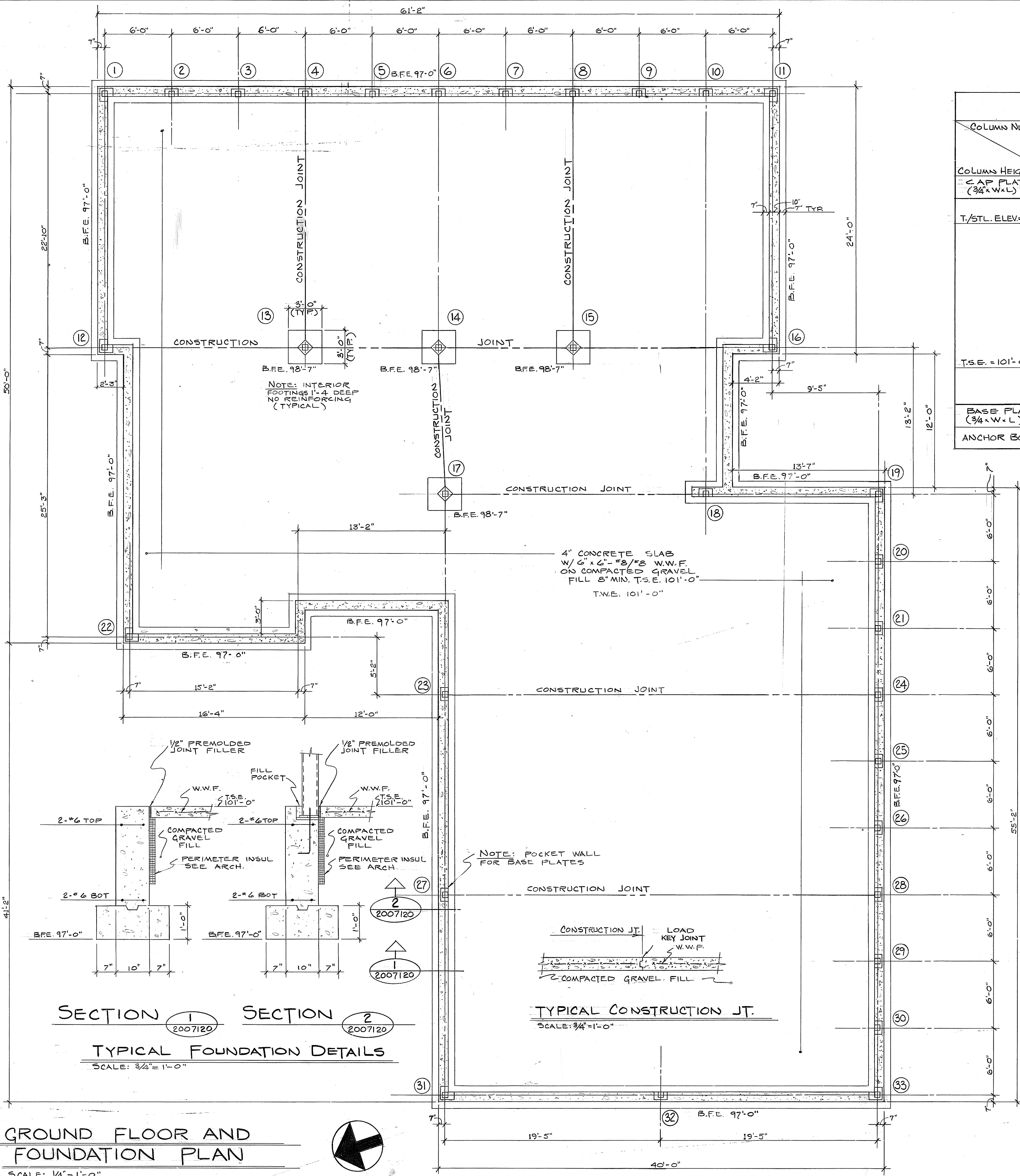
**SITE UTILITY PLAN**

APPROVED: [Signature] DATE: 11-6-73  
OFFICER IN CHARGE: [Signature] DATE: 11-6-73

SIZE: 80091  
CODE IDENT. NO.: 2007119  
CONSTR. CONTR. NO.: N62472-72-C-0381  
SCALE AS NOTED SPEC. 04-72-0381 SHEET 2 OF 18

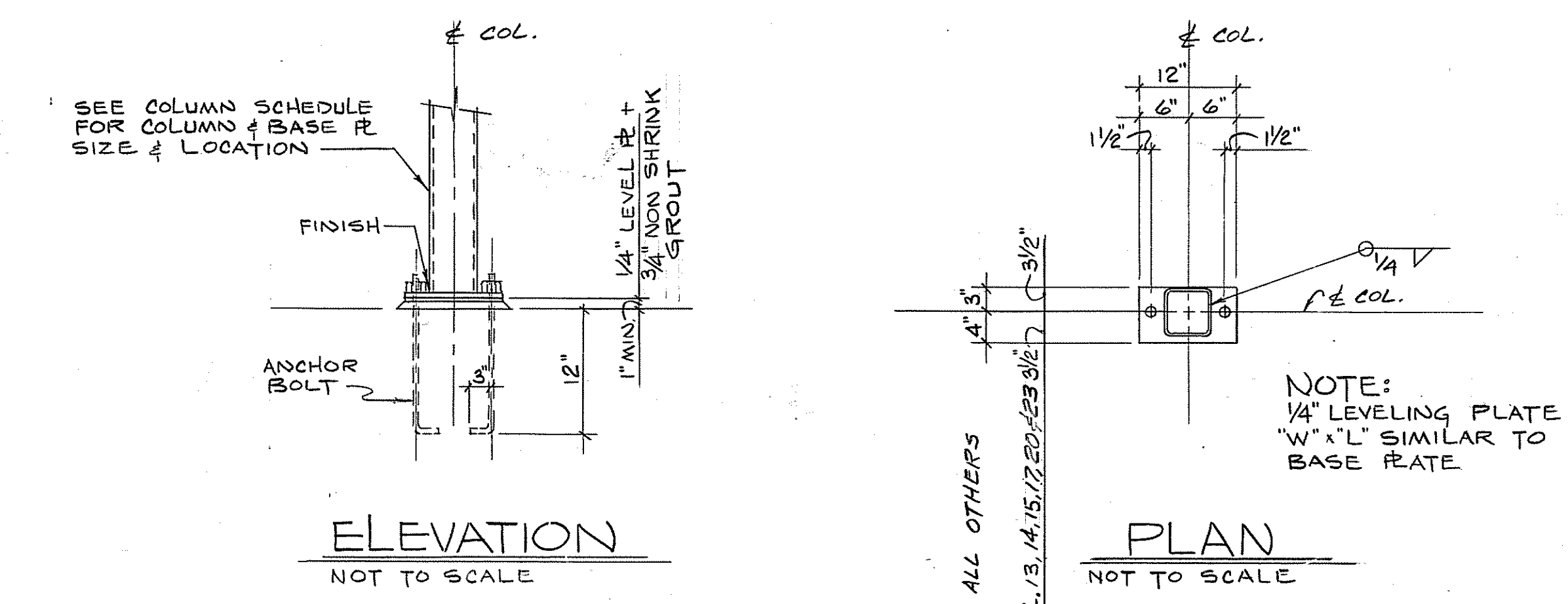
NO. 84D3B007 B-1004-2

REVISIONS			
LTR	DESCRIPTION	PREP'D BY	DATE APPROVED
	AS BUILT		5/20/75



### COLUMN SCHEDULE

COLUMN NUMBER	1, 11, 12	2, 10	3, 9	4, 8	5, 7	6	13, 15	14	17	18	19, 33	20, 21, 24	22	23, 27	31	32
COLUMNS HEIGHT																
CAP PLATE (3/4" x W x L)	6 1/2' x 6' x 1'-0"	6 1/2' x 6' x 1'-0"	6 1/2' x 6' x 1'-0"	6 1/2' x 6' x 1'-0"	6 1/2' x 6' x 1'-0"	6 1/2' x 6' x 1'-0"	6 1/2' x 6' x 1'-0"	6 1/2' x 6' x 1'-0"	6 1/2' x 6' x 1'-0"	6 1/2' x 6' x 1'-0"	6 1/2' x 6' x 1'-0"	6 1/2' x 6' x 1'-0"	6 1/2' x 6' x 1'-0"	6 1/2' x 6' x 1'-0"	6 1/2' x 6' x 1'-0"	6 1/2' x 6' x 1'-0"
T./STL. ELEV. = 113'-0"																
T.S.E. = 101'-0"																
BASE PLATE (3/4" x W x L)	10'0" x 10' SEE DET.	7' x 1'-0"	7' x 1'-0"	7' x 1'-0"	7' x 1'-0"	7' x 1'-0"	7' x 1'-0"	7' x 1'-0"	7' x 1'-0"	7' x 1'-0"	10'0" x 10' SEE DET.	7' x 1'-0"	10'0" x 10' SEE DET.	7' x 1'-0"	10'0" x 10' SEE DET.	7' x 1'-0"
ANCHOR BOLTS	2-3/4"	2-3/4"	2-3/4"	2-3/4"	2-3/4"	2-3/4"	2-3/4"	2-3/4"	2-3/4"	2-3/4"	2-3/4"	2-3/4"	2-3/4"	2-3/4"	2-3/4"	2-3/4"



### DESIGN DATA

CODES: ACI (318-63)  
AISC, FEBRUARY 1969

STRESSES  
REINFORCING STEEL - ASTM-A615 GRADE 60  
WELDED WIRE FABRIC - ASTM-A185  
CONCRETE (ULTIMATE COMPRESSIVE STRENGTH AT 28 DAYS) - 3000 P.S.I.  
STRUCTURAL STEEL - ASTM - A 36 F<sub>y</sub> = 36,000 P.S.I.

SOIL BEARING PRESSURE: 2 TONS/SQ. FT. (PRESUMED)

BOLTS - ASTM A-307

LIVE LOADS  
ROOF FLOOR 30 P.S.F.  
FLOOR 100 P.S.F.

### ABBREVIATIONS

T.S.E. TOP OF SLAB ELEVATION  
T.W.E. TOP OF WALL ELEVATION  
B.F.E. BOTTOM OF FOOTING ELEVATION  
T./STL. EL. TOP OF STEEL ELEVATION

### LOOSE LINTEL SCHEDULE

SPAN	WALL THICKNESS	
	4"	10"
4'-0" OR LESS	ST 3 x 6-25	L3 1/2 x 3 1/2 x 1/4 L5 x 5 x 5/16
4'-1" TO 6'-0"	ST 3 x 6-25	L4 x 3 1/2 x 5/16 L5 x 5 x 5/16
6'-1" TO 9'-0"	L5 x 3 1/2 x 5/16	L5 x 3 1/2 x 5/16 L5 x 5 x 5/16

NOTES: 1. MIN. LINTEL BEARING EACH SIDE OF MASONRY OPENING.

GROUND FLOOR AND FOUNDATION PLAN  
SCALE: 1/4" = 1'-0"

CHECK GRAPHIC SCALES BEFORE USING

HIRSCH - KAESTLE - BOOS ARCHITECTS, INC. NEW BRITAIN, CONN.

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND PHILADELPHIA, PA. NORTHERN DIVISION

NAVAL BASE NEW LONDON, CONN. COMMUNITY BUILDING

FOUNDATION PLAN

APPROVED: [Signature] DATE: [Date]

OFFICER IN CHARGE: [Signature] DATE: [Date]

NAVY DRAWING NO. 2007120

CONSTR. CONTR. NO. N62472-72-C-0381

SCALE AS NOTED SPEC. 04-72-0381 SHEET 3 OF 18

JO. 84D3B007

B-1004-3