



RECEIVED

DEC 20 1988

Dept. of Environmental Reg.  
West Palm Beach

Certified Mail - Return Receipt Requested

December 12, 1988  
EJJ 88-462

Mr. Robert Kukleski  
Florida Department of Environmental Regulation  
1900 S. Congress Ave., Suite A  
West Palm Beach, FL 33406

Subject: Boynton Beach Service Center  
HC 50-151555

Dear Mr. Kukleski,

This has been prepared in response to Mr. J. Scott Benyon's letter of December 7, 1988. With reference to his comments:

Part II (3) Flood Map

A topographic survey of the property was sent to your office on November 30, 1988. The property is approximately six feet above the flood plain.

Part II (B) Containers

Diagrams of the floor plan are enclosed. Included are a pallet layout and secondary containment and inventory calculations. Also enclosed is a copy of the facility inspection record.

Part II (C) Tanks

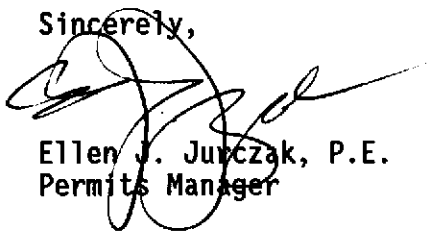
Information on soil testing beneath the tank and return and fill station have been added to the closure plan.

In addition, information on the maintenance of the return and fill station has been added to section II.

Mr. Robert Kukleski  
December 12, 1988  
Page TWO

Please contact me on extension 2246 if you have any questions or require further information.

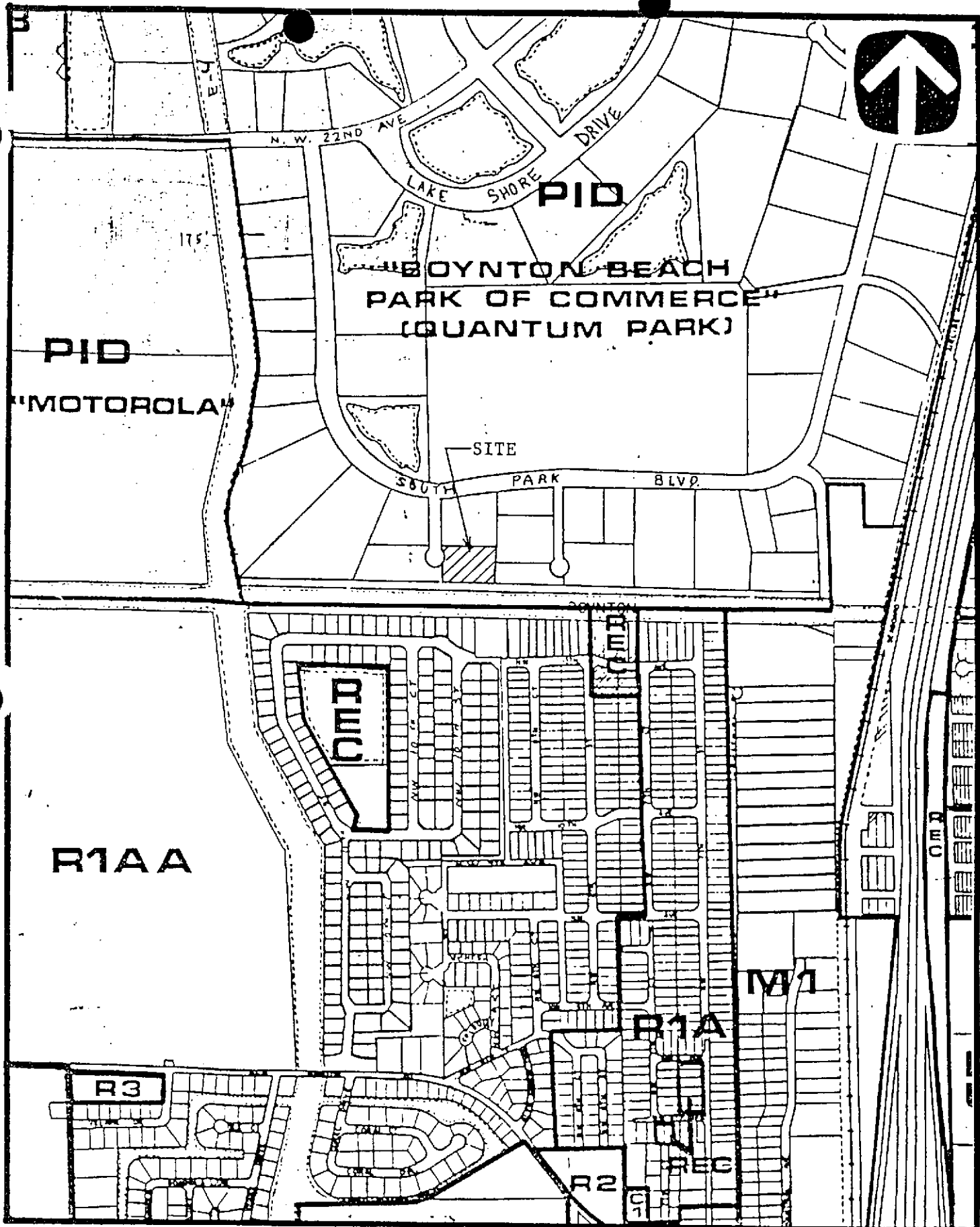
Sincerely,



Ellen J. Jurczak, P.E.  
Permits Manager

EJJ/dfs

cc: F. Stockbarger, Tampa Reg. Mgr.  
T. Sands, Br. Mgr. (3-097-01)  
S. Eaton  
G. DeMers



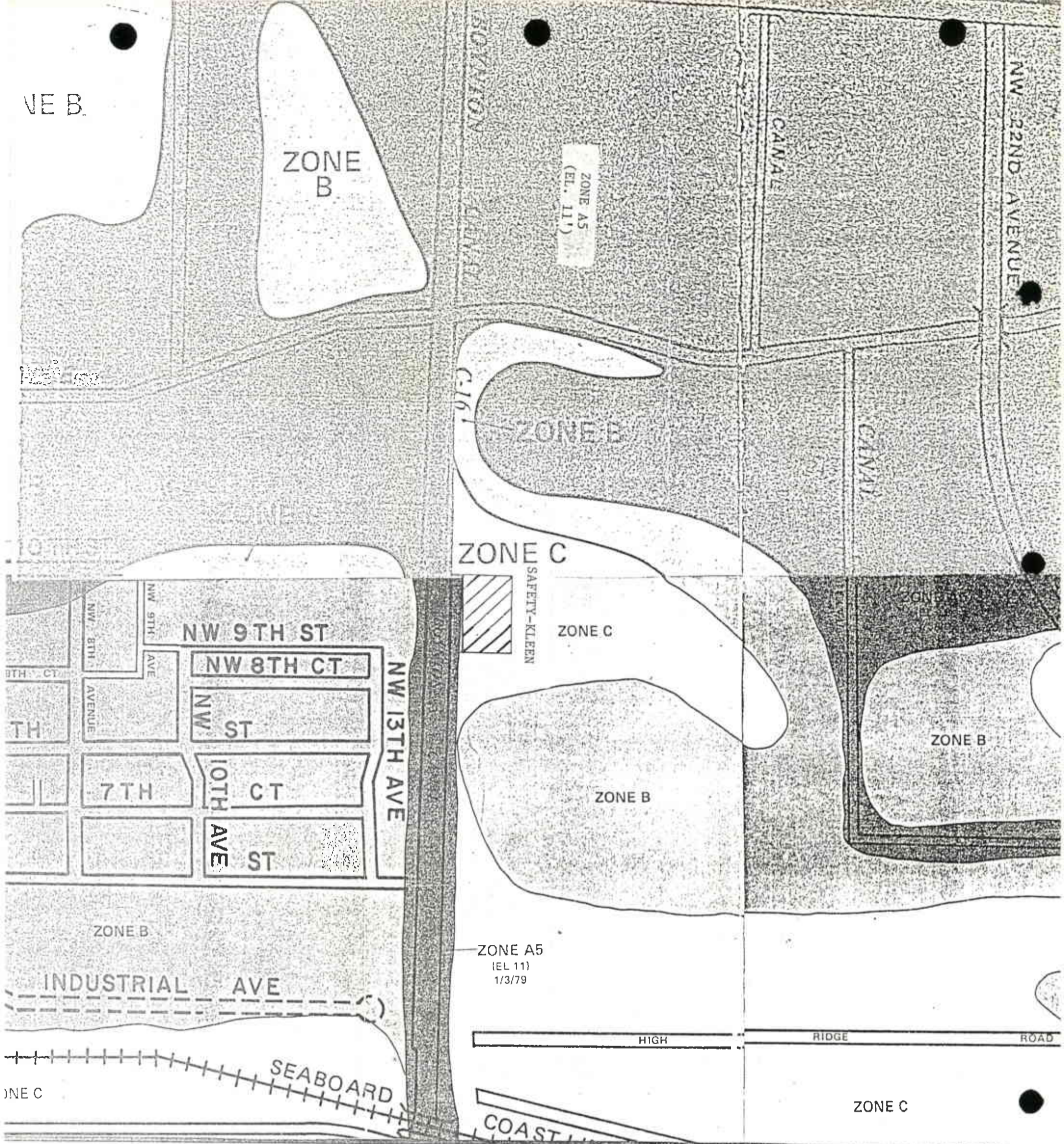
# ZONING MAP

EXHIBIT I.C. 1-1

SCALE FT.



- PID = Planned Industrial Development
- REC = Recreation
- R = Residential
- M1 = Manufacturing



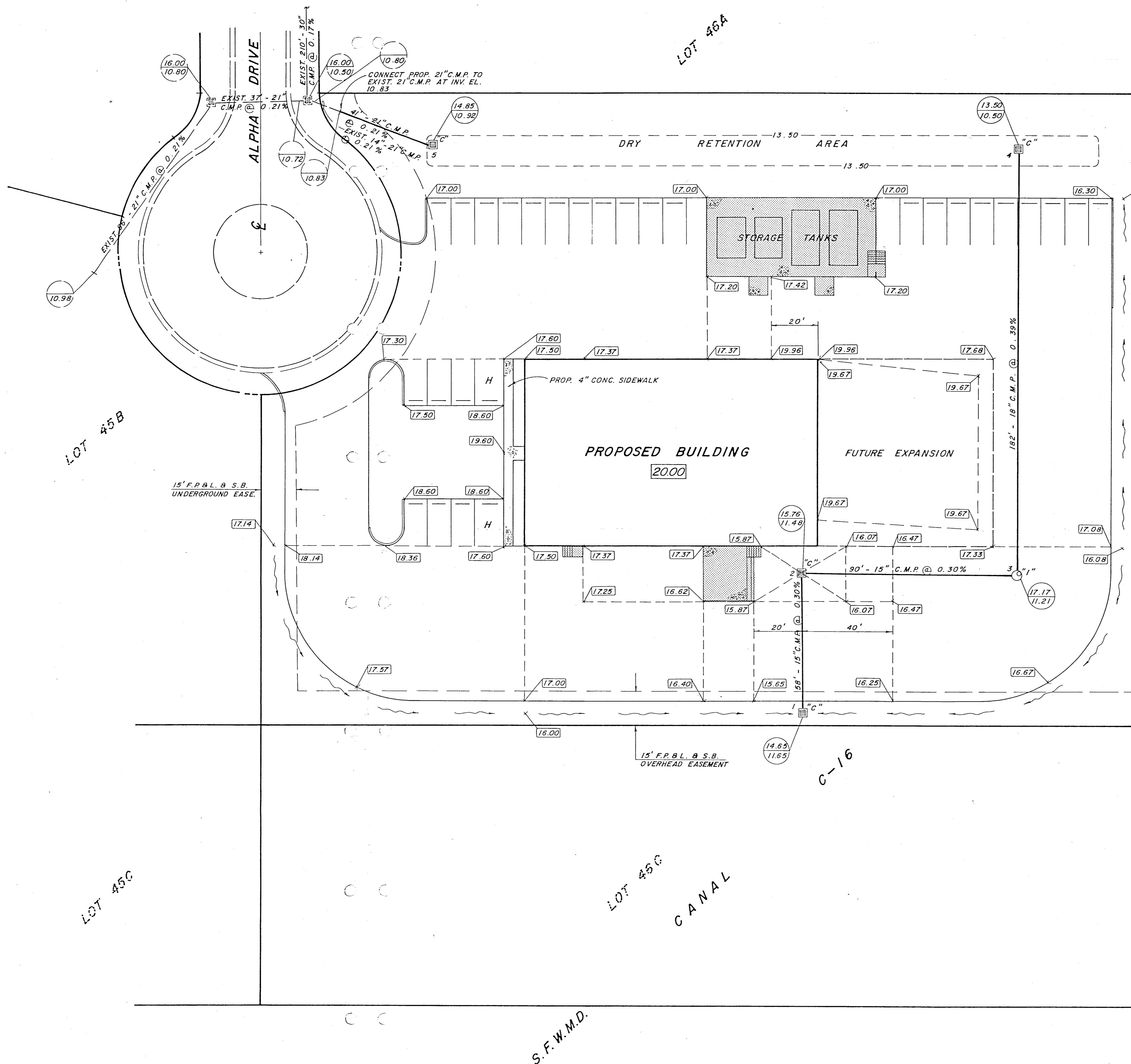
KEY TO MAP

- 500-Year Flood Boundary ———
- 100-Year Flood Boundary ———
- Zone Designations\*
  - ZONE A1
  - ZONE B
  - ZONE A5
  - ZONE B
- 100-Year Flood Boundary ———
- 500-Year Flood Boundary ———
- Base Flood Elevation Line With Elevation In Feet\*\*
- Base Flood Elevation in Feet Where Uniform Within Zone\*\*
- Elevation Reference Mark
- Zone D Boundary ———
- River Mile

SEP 29 1982  
 R. G. REYNOLDS  
 License No. 513  
 State of North Carolina  
 West Palm Beach, FL 33411

\*EXPLANATION OF ZONE DESIGNATIONS

- | ZONE   | EXPLANATION  |
|--------|--|
| A      | Areas of 100-year flood; base flood elevations and flood hazard factors not determined.  |
| A0     | Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; average depths of inundation are shown, but no flood hazard factors are determined.  |
| AH     | Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; base flood elevations are shown, but no flood hazard factors are determined.   |
| A1-A30 | Areas of 100-year flood; base flood elevations and flood hazard factors determined.  |
| A99    | Areas of 100-year flood to be protected by flood protection system under construction; base flood elevations and flood hazard factors not determined.  |
| B      | Areas between limits of the 100-year flood and 500-year flood; or certain areas subject to 100-year flooding with average depths less than one (1) foot or where the contributing drainage area is less than one square mile; or areas protected by levees from the base flood. (Medium shading) |
| C      | Areas of minimal flooding. (No shading)  |
| D      | Areas of undetermined, but possible, flood hazards.  |
| V      | Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors not determined.  |
| V1-V30 | Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors determined.  |

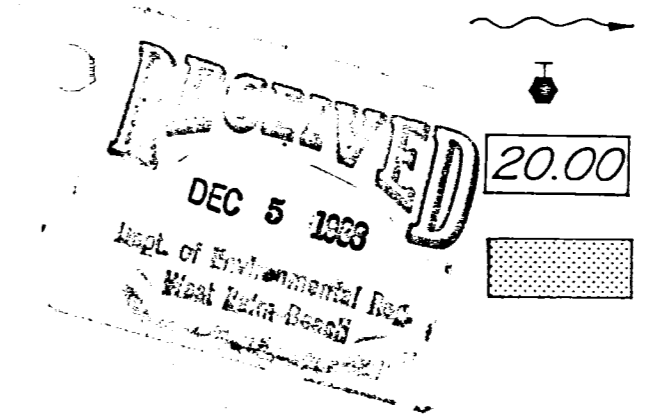


**NOTES:**

1. THE MINIMUM FINISH FLOOR ELEVATION FOR ANY RESIDENTIAL STRUCTURE SHALL BE SET AT OR ABOVE ELEVATION 20.00 M.S.L. WHICH IS ABOVE THE PROJECTED FLOOD STAGE PRODUCED BY THE ONE IN ONE HUNDRED YEAR FREQUENCY STORM. (SEE DRAINAGE AREA MAP).
2. ALL DIMENSIONS SHOWN ON THESE DRAWINGS ARE SCALED DISTANCES. THE CONTRACTOR SHALL CONFIRM ALL MEASUREMENTS IN THE FIELD AND NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCY WITH THE DRAWINGS PRIOR TO PERFORMING THE WORK. ALL QUANTITIES SHALL BE PAID ON THE BASIS OF FIELD MEASUREMENTS OF COMPLETED WORK.
3. C.M.P. MEANS CORRUGATED STEEL PIPE BITUMASTIC COATED.
4. ALL METAL PIPE TO BE INSTALLED JOINT FREE. ANY NECESSARY JOINTS ARE TO BE MADE USING A 12" WIDE BAND WITH MASTIC OR NEOPRENE GASKET PROVIDING WATER TIGHT JOINTS.
5. ALL PAVING AND DRAINAGE WORK TO BE CONSTRUCTED IN FULL ACCORDANCE WITH CITY OF BOYNTON BEACH SUBDIVISION AND PLATTING REGULATION ORD. NO. 77-36.
6. ALL LOTS, ROADWAYS AND BORROW AREAS SHALL BE STRIPPED OF ALL DELETERIOUS (UNUSABLE) MATERIALS AND MATERIALS SHALL BE DISPOSED WITHIN THE SITE.
7. ALL GRADING OF STREETS, INCLUDING THE REMOVAL OF ALL MATERIALS, AND THE FINISHING OF ALL SHOULDERS, SUB-GRADE PREPARATION, SWALES AND BACKSLOPES, IN ACCORDANCE WITH THE TYPICAL SECTIONS SHOWN HEREON SHALL BE INCLUDED IN THE BID PRICE FOR PAVING.
8. ANY EXISTING ROADWAY AND/OR UTILITY THAT IS DAMAGED BY THE CONTRACTOR SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER.
9. ANY MUCK POCKET IS TO BE REMOVED COMPLETELY FROM THE CENTERLINE TO 10' BEYOND THE PAVEMENT ON EACH SIDE.
10. ANY GUMBO ENCOUNTERED TO BE REMOVED WITHIN THE ROADWAY 1.0' BELOW SUBGRADE TO OUTSIDE EDGE OF SHOULDERS.
11. THE CITY OF BOYNTON BEACH SUBDIVISION AND PLATTING REGULATION ORD. NO. 77-36 AS AMENDED AND ADOPTED BY THE CITY COUNCIL OF THE CITY OF BOYNTON BEACH SHALL GOVERN EXCEPT AS NOTED ON THESE PLANS.
12. THE SEQUENCE OF CONSTRUCTION SHALL BE SUCH THAT ALL UNDERGROUND INSTALLATION OF EVERY KIND THAT WILL BE BENEATH THE PAVEMENT CURRENTLY TO BE CONSTRUCTED SHALL BE INSTALLED PRIOR TO THE COMPACTION OF SUBGRADE.
13. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS ON ALL PIPE, PIPE BANDS, DRAINAGE STRUCTURES, GRATES, FRAMES AND COVERS.
14. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE LOCATION OF EXISTING UTILITIES WHETHER SHOWN ON OR NOT SHOWN ON THESE DRAWINGS AND SHALL VERIFY ALL ELEVATIONS BEFORE STARTING CONSTRUCTION.
15. STOP SIGNS AND STREET SIGNS SHALL BE PROVIDED AT ALL INTERSECTIONS TO CONFORM TO CITY OF BOYNTON BEACH STANDARDS.
16. STREET MARKINGS AND TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS AND THE REQUIREMENTS OF THE CITY OF BOYNTON BEACH.

**LEGEND**

- STORM INLET & LOCATION
- STORM PIPE, SIZE & SLOPE
- TOP ELEVATION  
INVERT ELEVATION
- PROPOSED PAVEMENT
- PROPOSED ELEVATION
- EXISTING ELEVATION
- DIRECTION OF FLOW
- STOP / STREET SIGN LOCATION
- FINISH FLOOR ELEVATION
- NOT PART OF THIS CONTRACT



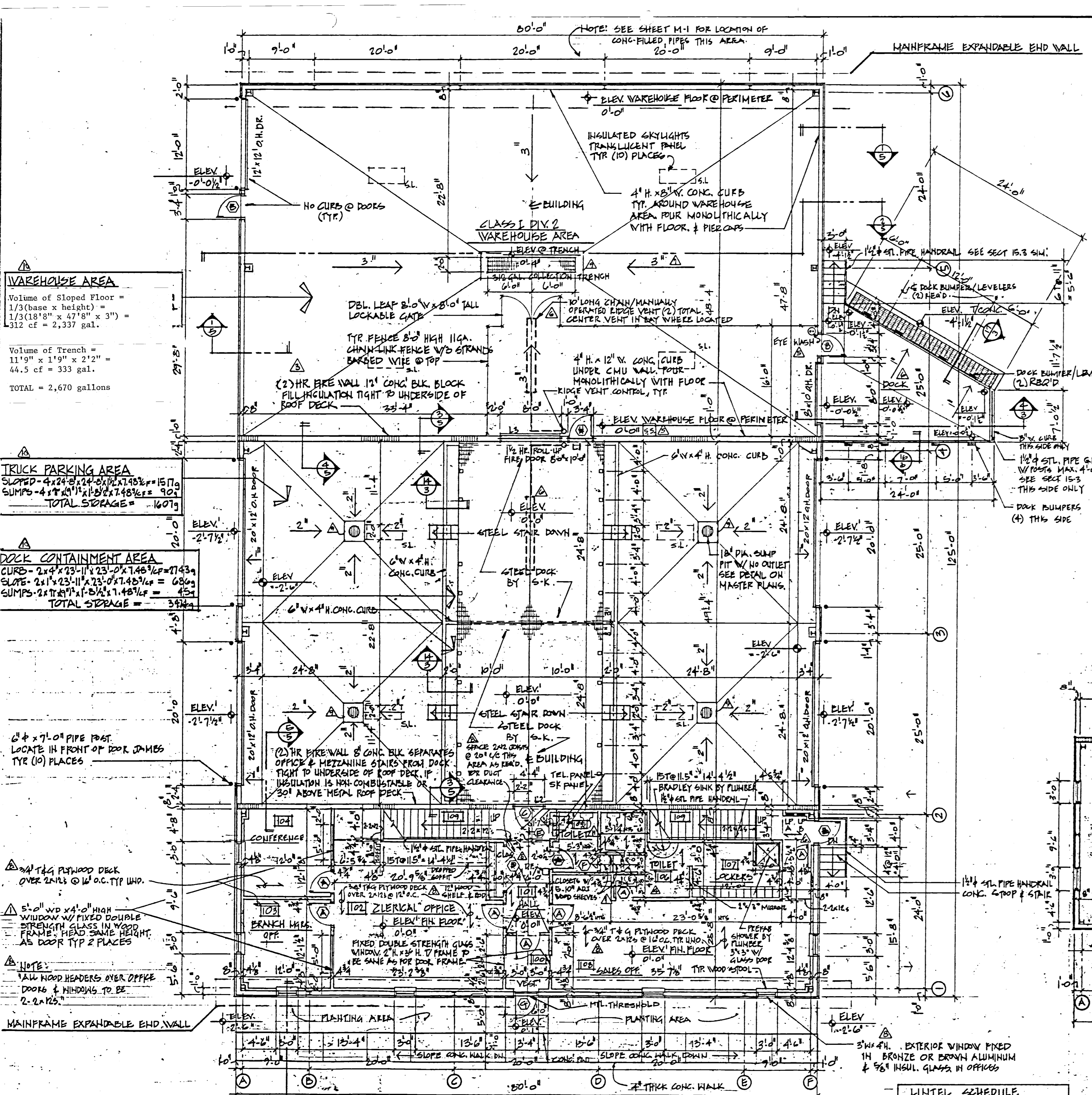
**PAVING AND DRAINAGE PLAN**

**ROSSI AND MALAVASI**  
ENGINEERS, INC.  
WEST PALM BEACH,  
FLORIDA

**SAFETY-KLEEN SERVICE CENTER**  
AT BOYNTON BEACH  
FOR  
**SAFETY-KLEEN CORPORATION**

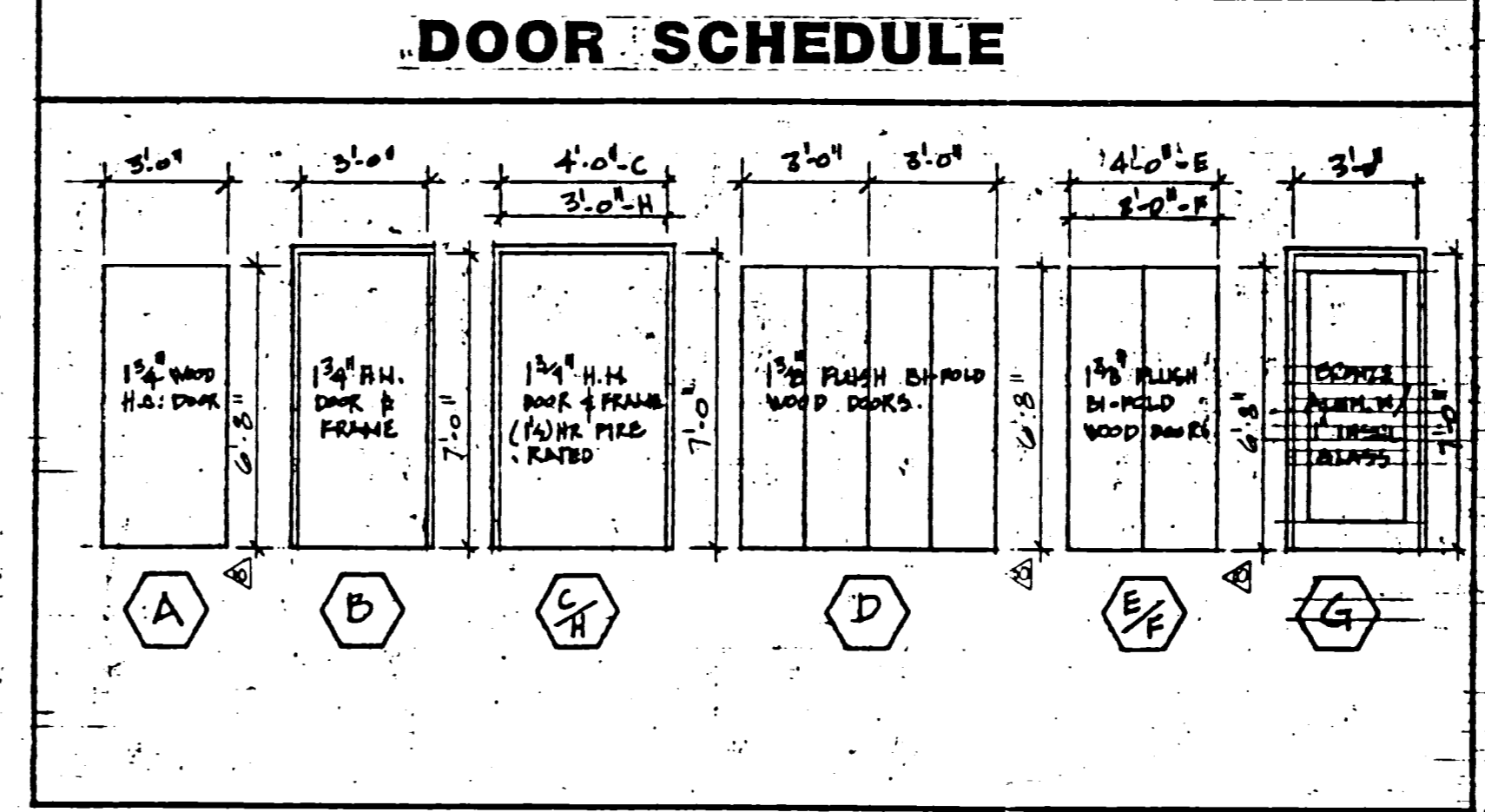
Date	NOVEMBER, 1988	Designed	S. WEISS	Scale	1" = 20'	Sheet	
Drawn	T. J. CURBELO	Job No.	3539-88	File No.	S-1405-00	2	of 5
Checked							

FOR INFORMATION ONLY - SEE PLAN IN BEACH

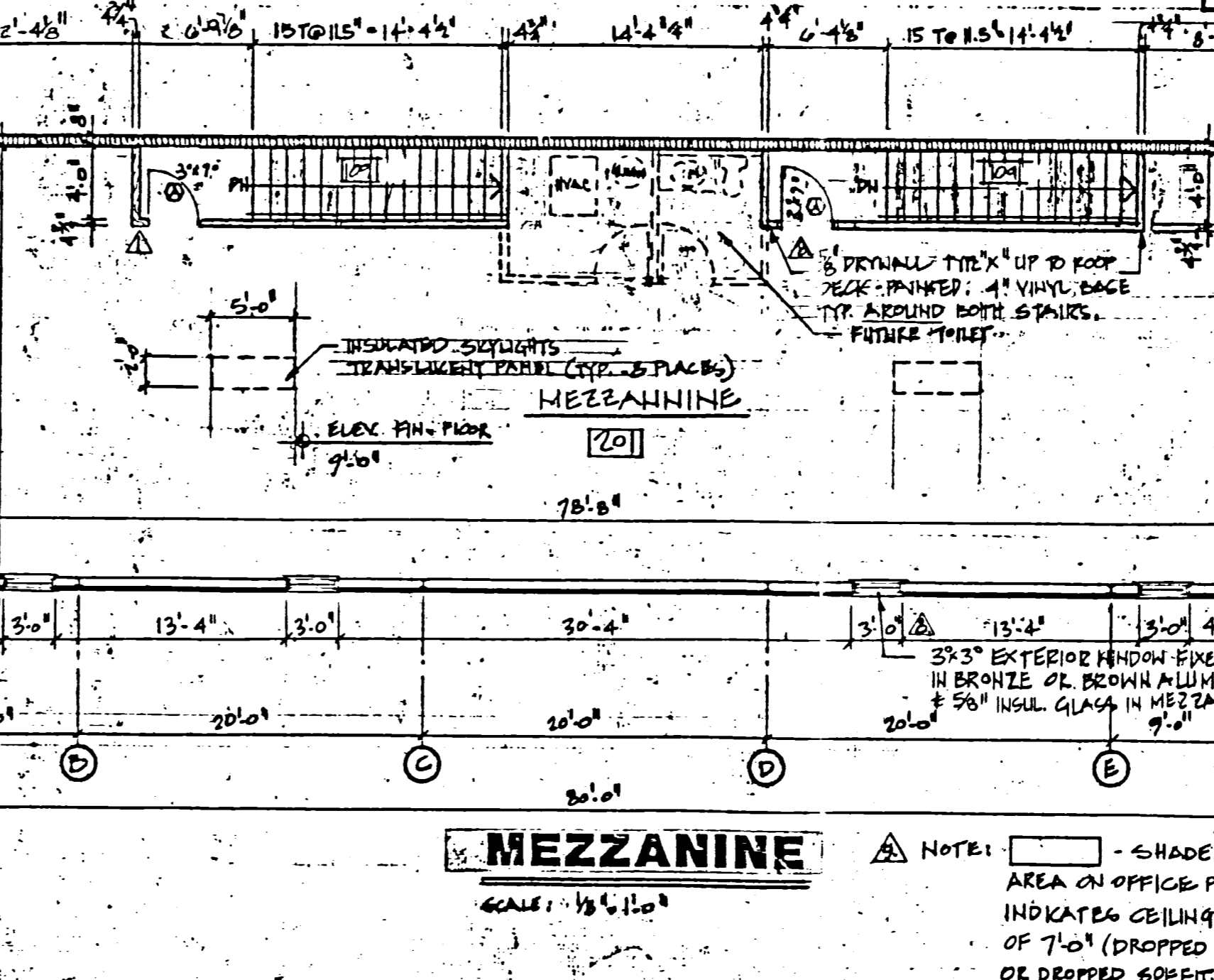


### ROOM FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR	PAGE	WALLS		CEILING		REMARKS
				MATERIAL	FINISH	MATERIAL	FINISH	
100	VESTIBULE	VINYL	4' UT.	DRYWALL	PAINT	DRYWALL	PAINT	6'0"
101	HALL	"	"	DRYWALL	"	"	"	7'0"
102	CLERICAL OFFICE	CARPET	"	"	"	"	"	8'0"
103	BRANCH MANAGERS OFFICE	CARPET	"	DRYWALL	"	"	"	8'0"
104	CONFERENCE	CARPET	"	DRYWALL	"	"	"	8'0"
105	TOILET	VINYL	"	DRYWALL	"	"	"	7'0"
106	TOILET	"	"	"	"	"	"	7'0"
107	LOCKER ROOM	"	"	"	"	"	"	7'0"
108	SALES OFFICE	"	"	"	"	"	"	8'0"
109	STAIRS	VINYL	"	DRYWALL	"	"	"	"
	WAREHOUSE AREA	CONC.	CONC. CURB	CONC. BLK. INSULATION	VINYL ROOF INSULATION	VINYL FACED		
	DOCK AREA	STEEL DOCK CONC.	CONC. CURB	CONC. BLK. INSULATION	VINYL FACED	VINYL FACED		
201	MEZZANINE	T&G PLANK	"	"	"	"	"	"



- ### GENERAL NOTES OFFICE & TOILET
- WALLS 2x4 STUD @ 16" O.C. w/ 5/8" GYPSUM BOARD BOTH SIDES INTERIOR AND ONE SIDE EXTERIOR (UNLESS OTHERWISE NOTED). TWO COATS PAINT - SEMI-GLOSS EGGSHELL COLOR. SEAL ALL BLOCK. ADD WAINSCOT MOOP PANELING 2'-8" WIDE IN ALL OFFICES. SEE PLAN.
  - CEILING AT 8'-0" CLEAR. 2x10 JOISTS IN SHORT DIRECTION @ 16" O.C. 3/4" PLYWOOD DECK & 5/8" GYPSUM BOARD CEILING. TWO COATS PAINT.
  - FLOORING TO HAVE TYPICAL CARPET ADJUSTMENT. CLOSET TO HAVE RAMP & HAT SHELF. TOILET TO HAVE 1/2" DIA. x 42" LONG GIBB GRAB BAR & 1/2" DIA. x 24" LONG REAR GRAB BAR, BOTH MTD. 33" ABOVE FLOOR. 1/2" HAND CLEARANCE.
  - EXTERIOR WINDOWS FIXED BRONZE OR BROWN ALUMINUM AND 5/8" INCL. GLASS.
  - INTERIOR WINDOWS TO BE DOUBLE STRENGTH, DIRECT GET IN WOOD STOPS.
  - DOORS TO BE HOLLOW CORE DICH VENEER IN WOOD FRAMES WITH 2 HINGES PER DOOR. (INTERIOR ONLY). UNDERCUT IT.
  - BOLD DOORS TO BE 1 3/8" FLUSH BI-FOLD WOOD DOORS, SIZE AS REQUIRED FOR OPENING.
  - EXTERIOR DOORS TO BE 1 3/4" H.H. DOORS AND FRAME UNLESS OTHERWISE INDICATED. DOORS TO BE HINGED.
  - PASSAGE DOOR HARDWARE AS FOLLOWS:
    - ALL EXTERIOR PASS DOORS TO HAVE 5 HINGES, KEYS PASSAGE LOCKSET ALWAYS OPERABLE FROM THE INSIDE, KEYS DEAD BOLT WITH INTERNAL THUMB LASH. SEE 4-K FOR KEYING.
    - OFFICE PASS DOOR TO HAVE 2 HINGES, KEYS MESSAGE LOCKSET ALWAYS OPERABLE FROM THE INSIDE. SEE 5-K FOR KEYING.
    - TOILET PASS DOOR TO HAVE 2 HINGES, KEYS PASSAGE LOCKSET ALWAYS OPERABLE FROM THE INSIDE. DOOR CLOSURE. SEE 5-K FOR KEYING.
    - BRANCH MANAGERS OFFICE AND RESIDENTIAL MANAGERS OFFICE TO BE INDIVIDUALLY KEYS.
    - HALL, VESTIBULE & CLERICAL AREAS TO BE KEYS ALIKE.
    - WAREHOUSE AREA TO BE KEYS ALIKE.
  - ALL RESTROOMS TO USE EPOXY SEMI-GLOSS PAINT ON WALLS AND CEILING. EGGSHELL COLOR.
  - FLOOR COVERING AS FOLLOWS:
    - VINYL FLOOR TILE TO BE 12" x 12" SQUARES, 1/8" THICK COMMERCIAL GRADE. ALLOW 3/16" / 64" P.C. INSTALLED. COLOR AND PATTERN SELECTION BY 5-K BRANCH MGR. & 5-K BLDG OFFICE.
    - CARPET TO BE COMMERCIAL GRADE, TIGHT WEAVE, SUITE BACKED, DIRECT CALLED TO CONC. FLOOR SLAB. MIN. 12" WIDE ROLLS TO BE USED w/ PROPERLY GRANED JOINTS. ALLOW 3/16" / 64" P.C. INSTALLED. COLOR & PATTERN SELECTION BY 5-K BRANCH MGR. & 5-K BLDG OFFICE.
    - VINYL BASE TO BE 4" HIGH w/ MITERED INSIDE & OUTSIDE CORNERS. COLOR SELECTION BY 5-K BRANCH MGR. & 5-K BLDG OFFICE.
  - PRE-ENGINEERED BUILDING WALL PANEL TO BE FIN. 2 1/2" DIA. BRUSH ZEPHYR TO BE APPROVED BY ARCHITECT. KLEEN COOR ZEPHYR SUBMIT COLOR ZEPHYR. ROOF PANEL TO BE 2 1/2" DIA. MALAYALING.



### LINTEL SCHEDULE

L1	3'-L 3 1/2" x 3 1/4" x 5/16"
L2	2'-L 4 x 3 1/4" x 5/16"
L3	2'-L 5 x 3 1/4" x 5/16"

ADD CHANGE CLOSET / DUCT & PMS	REL 2-16-88	ADD CHANGED DECK, ADDED RIGGE VENTS	REL 7-5-88
REVISED STORAGE VOLUMES	REL 7-5-88	ADD CHANGED DECK, ADDED RIGGE VENTS	REL 7-5-88
ADD FLOOR TRENCH & SUMP JOINTS, NOTES	REL 11-15-88	ADD CHANGED DECK, ADDED RIGGE VENTS	REL 11-15-88
ADD FLOOR NOTES, CHANGED DOOR HEIGHTS, ETC.	REL 11-30-87	ADD CHANGED DECK, ADDED RIGGE VENTS	REL 11-30-87
ADD WAINSCOT, CHANGED DOOR NOTES, REV. SLOPE TO 3"	REL 10-2-87	ADD CHANGED DECK, ADDED RIGGE VENTS	REL 10-2-87

### LEGEND

(Symbol)	INDICATES DIRECTION SECTION	RF	WALL FINISH
(Symbol)	SECTION NO.	CH.FT.	OVER HEAD DOOR
(Symbol)	DRAWING ON WHICH SECTION APPEARS	W	WAINSCOT
(Symbol)	DRAWING ON WHICH DETAIL APPEARS	N	NAIL
(Symbol)	DRAWING ON WHICH DETAIL APPEARS	E	EXTERIOR
(Symbol)	MASONRY SIGN WALL (IF APPLICABLE)	CL	CENTER LINE
(Symbol)	FIRE RATED MASONRY WALL	ST	STEEL
(Symbol)	WOOD STUD WALL WITH 5/8" TYPE X GIB BOARD	TR	TYPICAL
(Symbol)	INDICATES NO. OF RIGGS SLOPED SLOPE CONC. SLAB IN DIRECTION OF ARROW	DF	FORMING MASONRY SERVICE SHEET
(Symbol)		EN	END

### CONSTRUCTION CONTRACT REQUIREMENTS

- ALL GENERAL CONDITIONS STATED THEREIN SHALL FORM A PART OF THIS CONTRACT.
- CONTRACTORS SHALL SECURE AND PAY FOR ALL PERMITS, INSPECTIONS, LICENSES, ETC. RELATED TO THEIR WORK.
- CONTRACTOR SHALL MAINTAIN THE OWNER'S INSURANCE & FILE, MINIMUM \$500,000.00, WHICH COMPLY WITH SAFETY-KLEEN INSURANCE REQUIREMENTS.

- LIABILITY
  - WORKMAN COMPENSATION
  - AUTOMOBILE
  - HELD HARMLESS CLAUSE TO OWNER AND ENGINEER.
 THESE MUST BE SUBMITTED BEFORE STARTING WORK.

- OWNER SHALL SECURE AND PAY FOR BUILDERS RISK INSURANCE.
- EQUAL OPPORTUNITY POLICIES OF EMPLOYMENT MUST BE MAINTAINED.
- EACH CONTRACTOR SHALL VISIT SITE AND VERIFY ALL EXISTING CONDITIONS.
- ANY ADJOINING PROPERTY DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED AND RESTORED TO ORIGINAL CONDITION BY THE PARTY RESPONSIBLE FOR THE DAMAGE AT HIS OWN EXPENSE.

- ALL CONTRACTORS SHALL REMOVE THEIR OWN RUBBISH AND DEBRIS FROM THE SITE AS IT ACCUMULATES AND TRANSFER SAME TO A LOCATION DETERMINED BY OWNER.
- ALL WORK SHALL COMPLY WITH OSHA, STATE & LOCAL CODES.
- ALL WORK SHALL BE GUARANTEED FOR ONE YEAR AFTER FINAL SETTLEMENT BY OWNER AND ENGINEER.

**Safety-Kleen Corp.**  
 17180 TAMER ROAD • FLOIN, ILLINOIS 61730  
 PHONE 312/977-0400

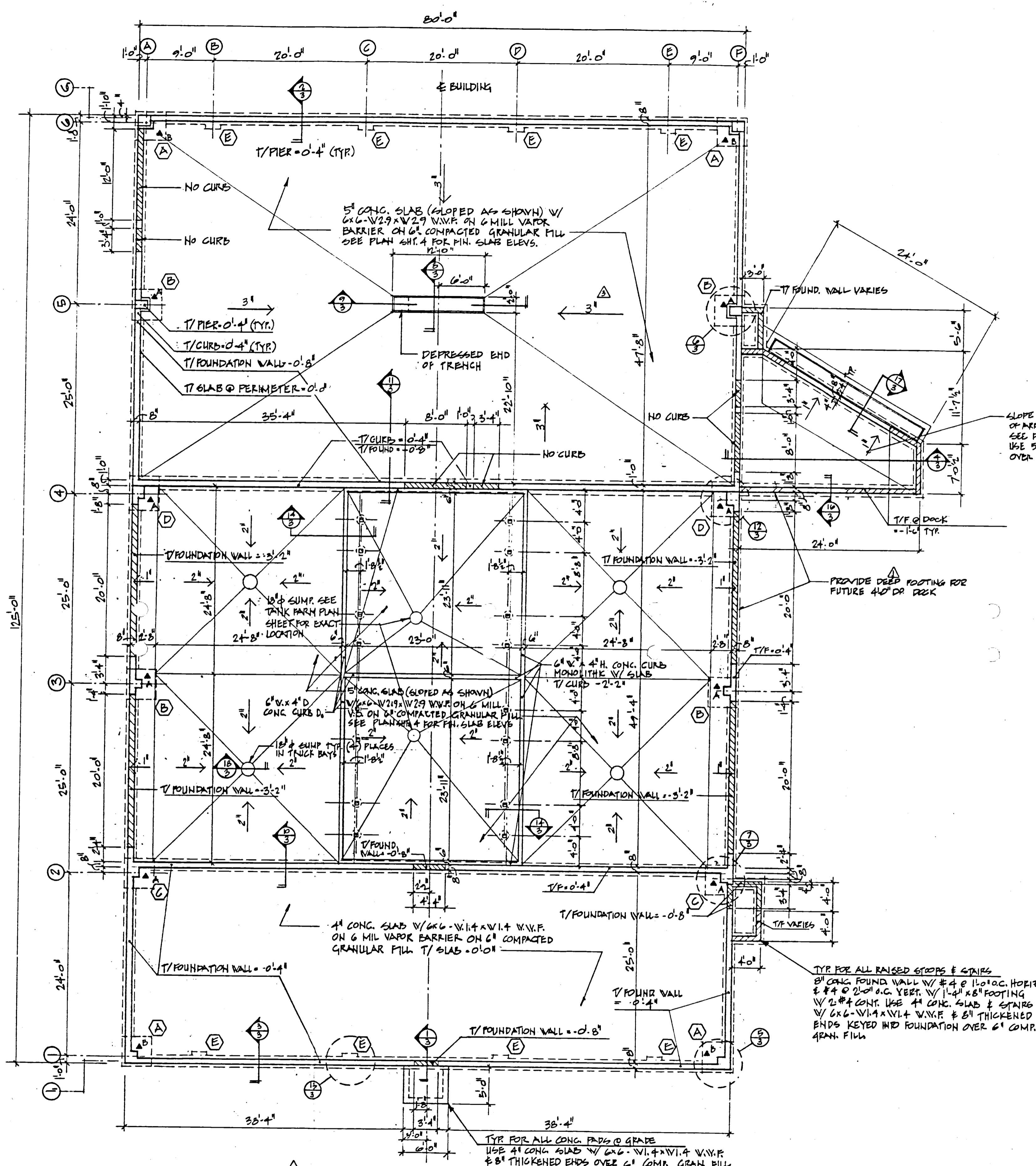
125' x 80' x 18' SERVICE CENTER W/ MIDDOCK FLOOR & MEZZANINE - PLANS

NO. 60000	DATE	BY	CHKD.
4-7-87			
ADD SECTION 16-3 / BUMPERS	DATE	BY	CHKD.
ADD 1/2" DIA. PIPES ALL TO BE	DATE	BY	CHKD.



**NOTES**

1. ALL CONCRETE SHALL HAVE  $f'_c = 3000$  P.S.I. ALL CONCRETE EXPOSED TO WEATHER SHALL HAVE 7% AIR ENTRAINMENT.
2. ALL CONG. FLOORS TO HAVE LIQUID FLOOR SEALER "CLUCE-N-SEAL" MFG. BY SONNEBORN.
3. FURNISH AND INSTALL HAIRPIN ANCHORS PER MFG.'S SPECIFICATIONS.
4. SLOPE ALL CONCRETE SLABS TO SUMP, TRENCHES, FLOOR DRAINS & AWAY FROM BUILDING AS SHOWN ON PLAN.
5. PROVIDE  $1/2" \times 1"$  SAW CUT CONTROL JOINTS @ 20' MAX. CENTER EA. WAY. INSTALL  $3/8"$   $\phi$  "SONO FORM" MFG. BY SONNEBORN USING EPOXY CEMENT. LET FULLY CURE & FILL FLUSH W/ SILICON CAULK.
6. ALL CONSTRUCTION CHANGES AND/OR REVISIONS MUST BE SUBMITTED TO SAFETY-KLEEN CORP. IN WRITING & MUST BE APPROVED IN WRITING.
7. SEE ELEVATIONS FOR LOCATION OF STEPPED FOOTINGS.



**FOUNDATION PLAN**  
SCALE:  $1/8" = 1'-0"$

**LEGEND-ABBREVIATIONS**

	INDICATES DIRECTION SECTION IS VIEWED
	SECTION NO.
	DRAWING ON WHICH SECTION APPEARS
	DETAIL NO.
	DRAWING ON WHICH DETAIL APPEARS
	INDICATES LOCATION OF HAIRPIN ANCHOR & TYPE A/B
	INDICATES TOP FOUNDATION WALL HEIGHT CHANGE OR NO CURB. SEE NOTES ON FOUND. PLAN AS APPL.
	TOP OF CURB
	TOP OF FOUNDATION WALL
	TOP OF PIER
	TYPICAL
	INDICATES NO. OF INCHES SLOPED.
	SLOPE CONG. SLAB DOWN DIRECTION OF ARROW.

**RECEIVED**  
SEP 30 1988  
Dept. of Environmental Reg.  
West Palm Beach

**Safety-Kleen Corp.**  
777 810 TIMBER ROAD • ELGIN, ILLINOIS 60120 PHONE 312/897-8480

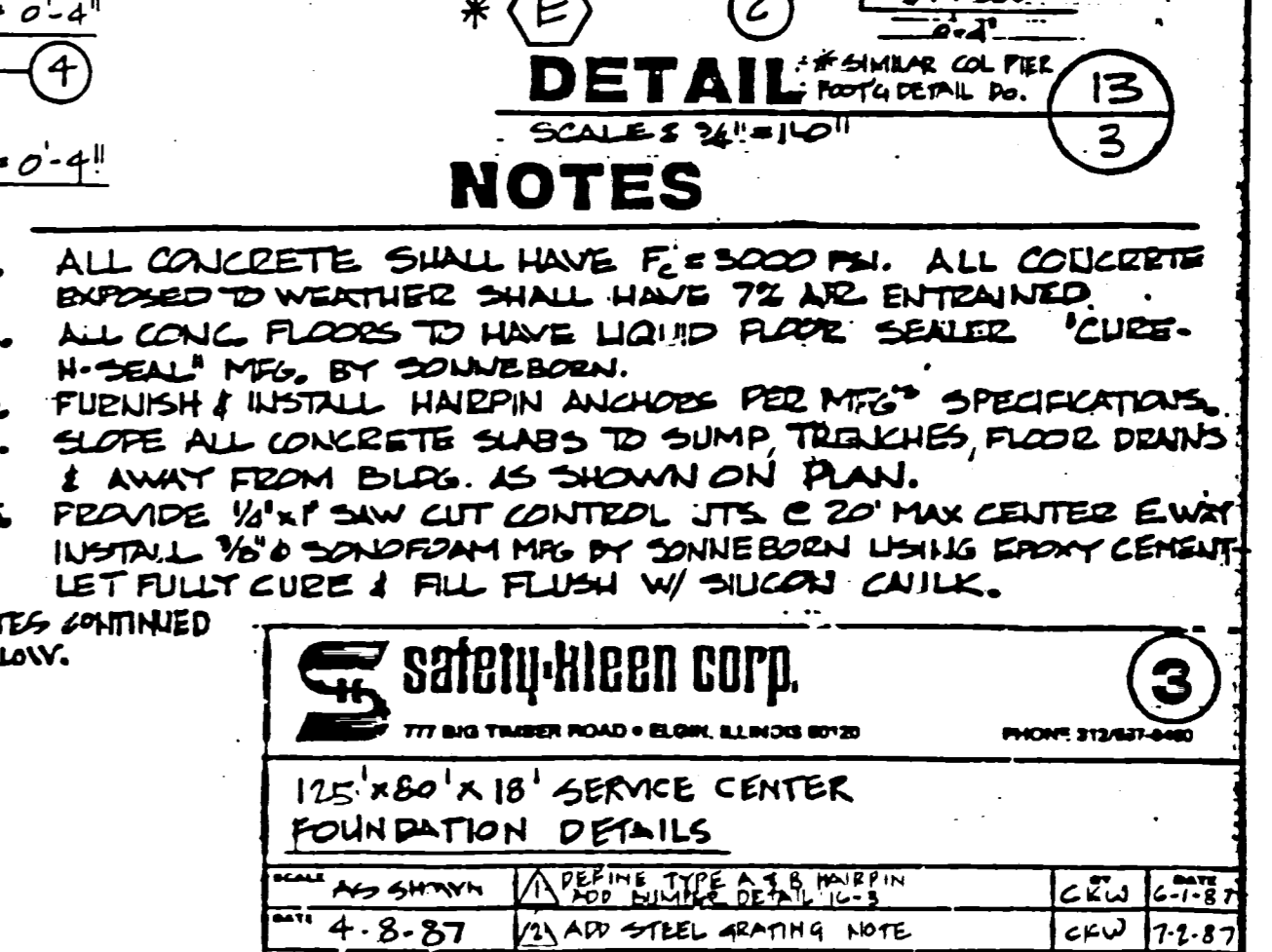
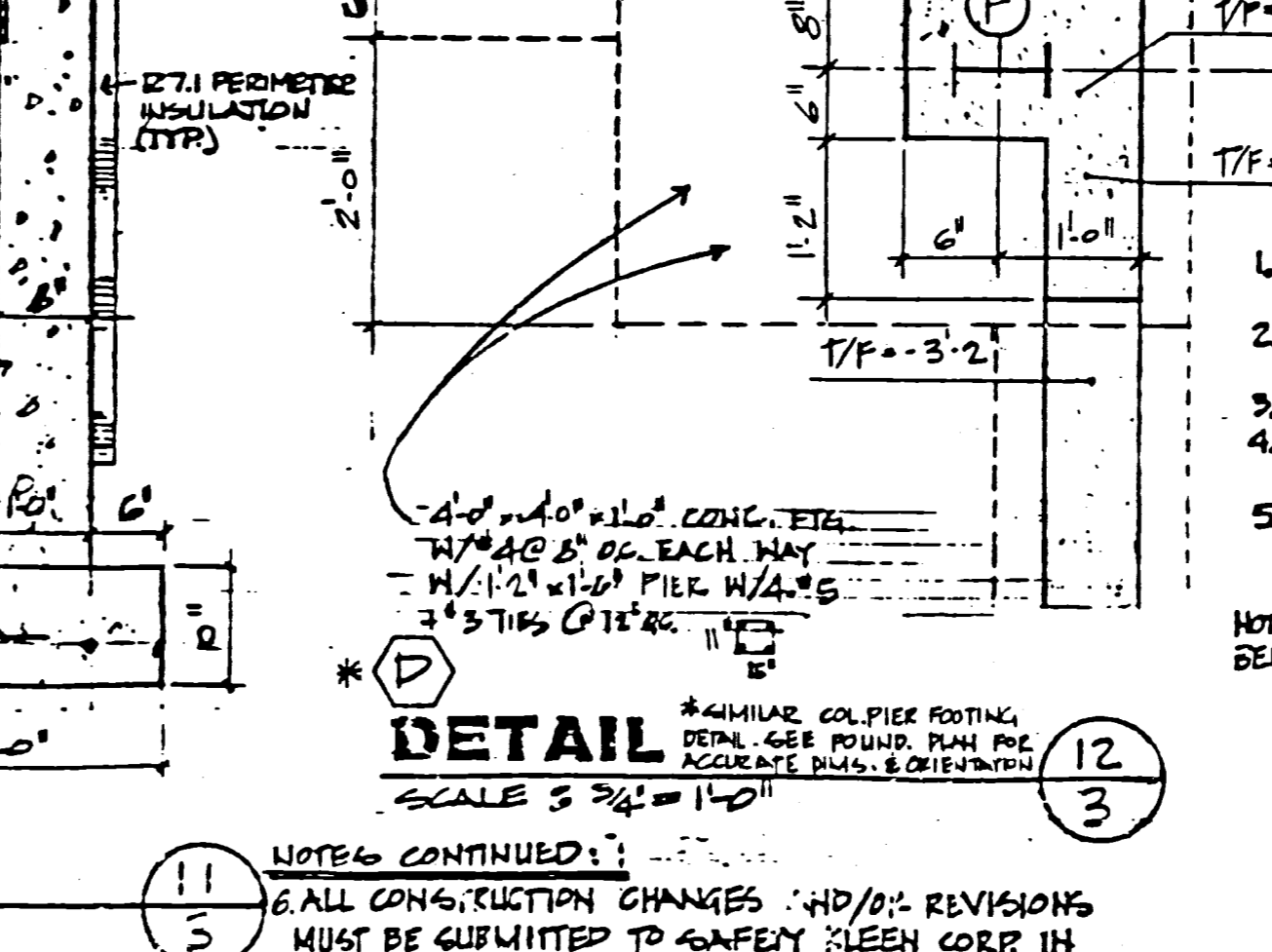
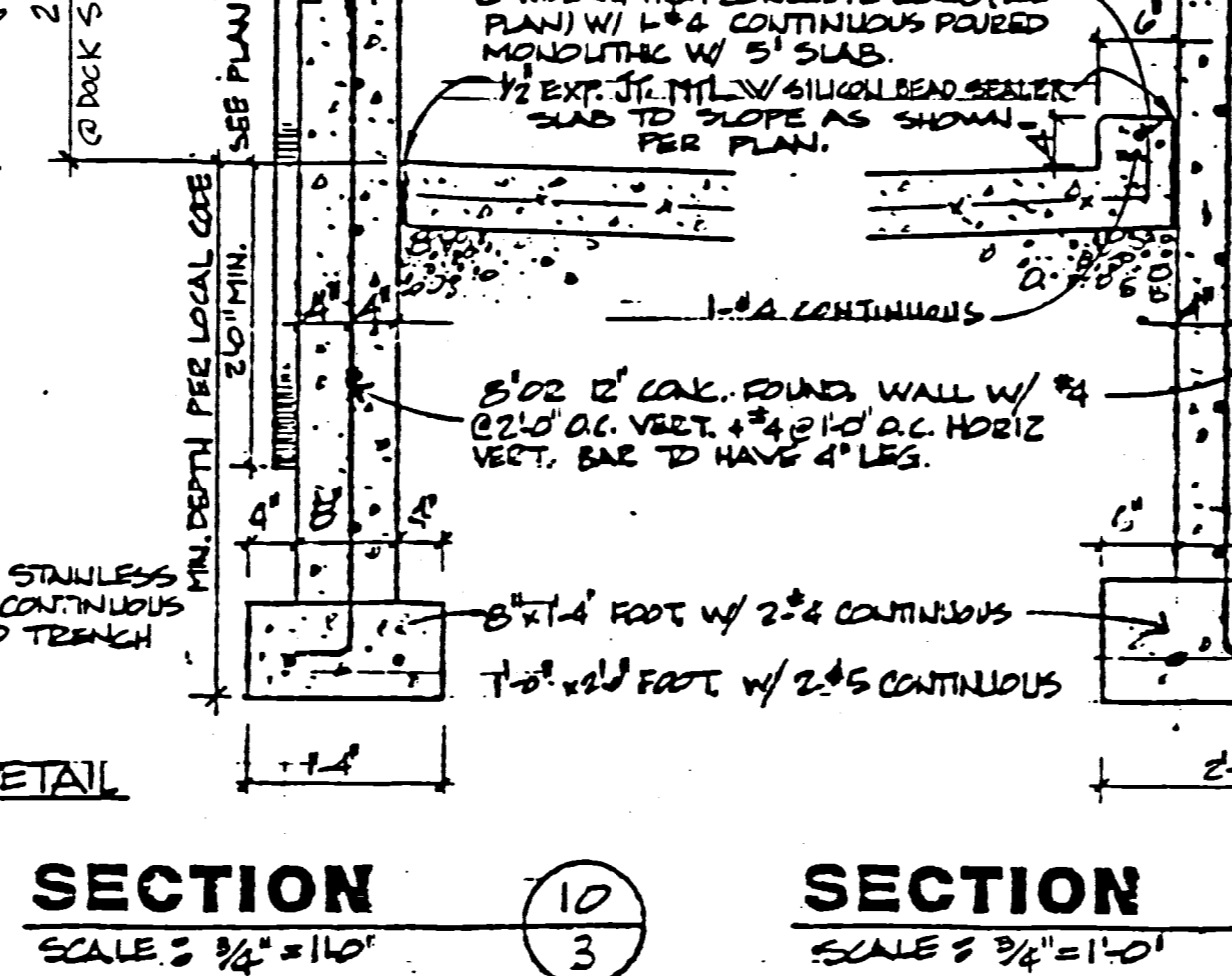
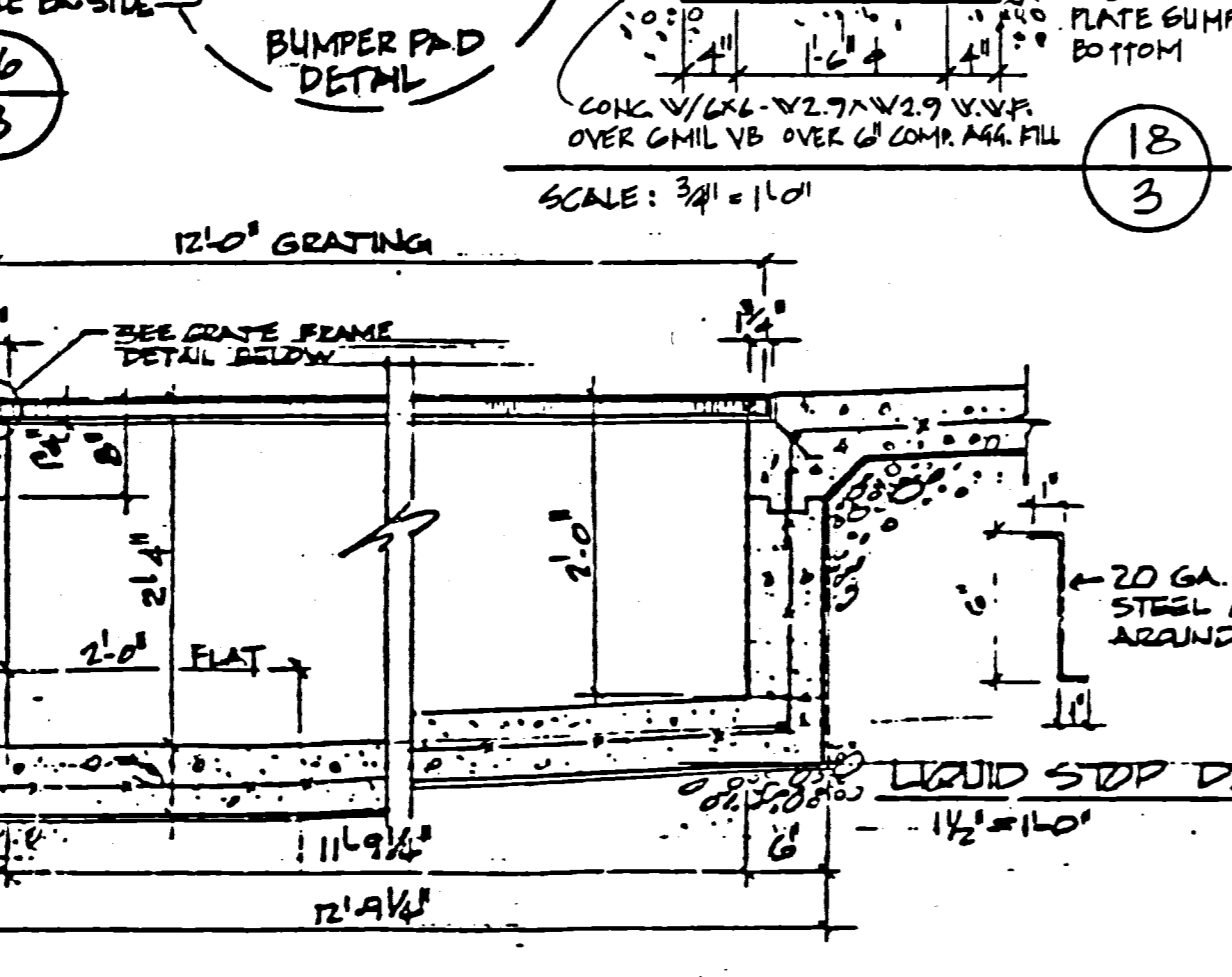
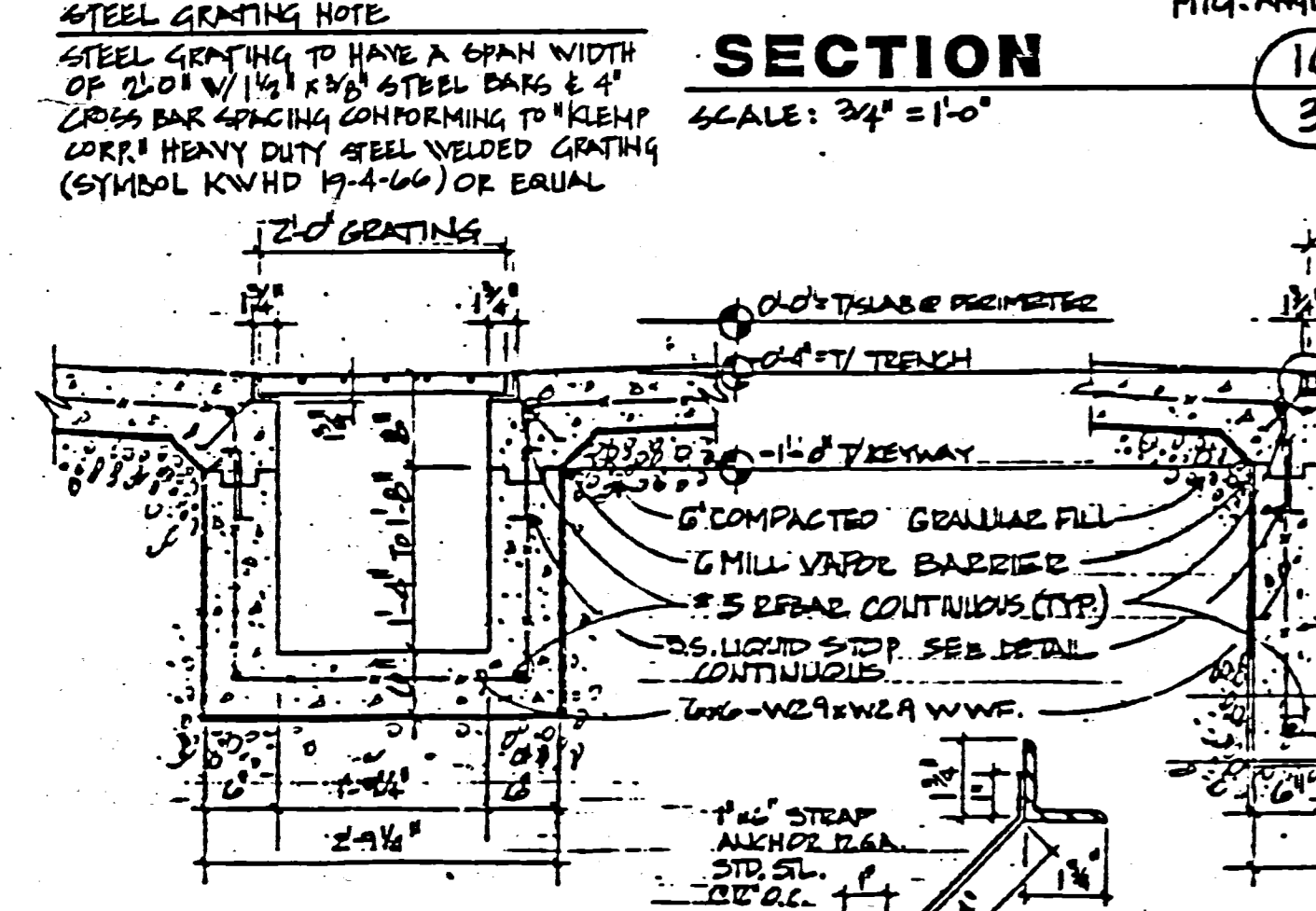
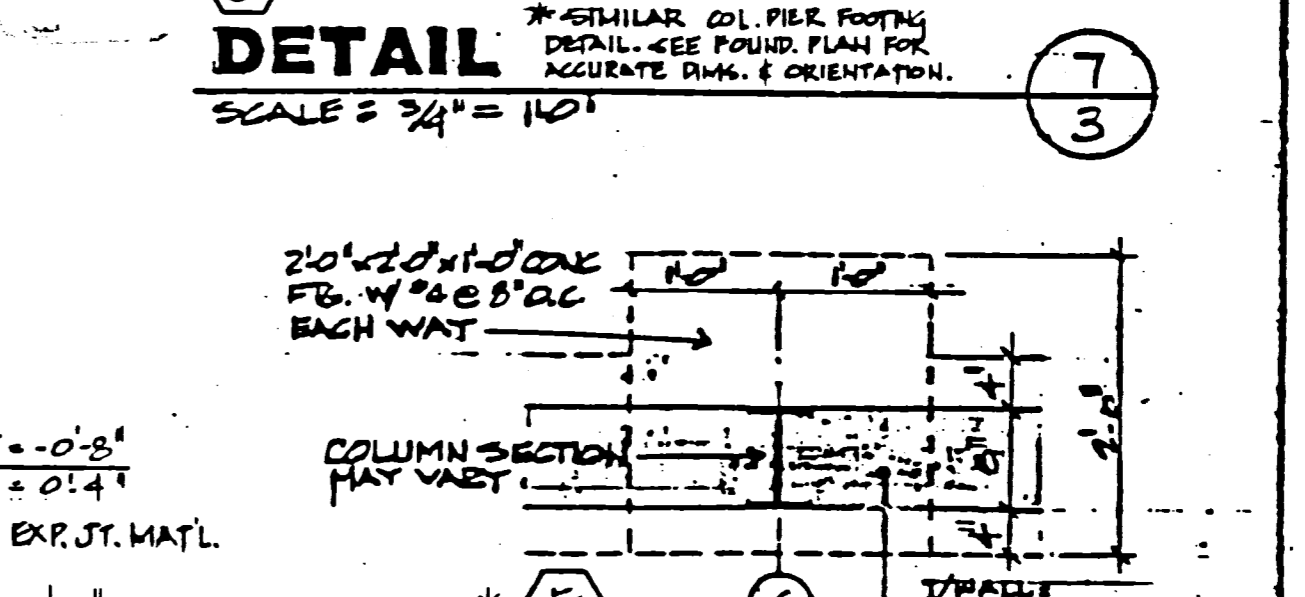
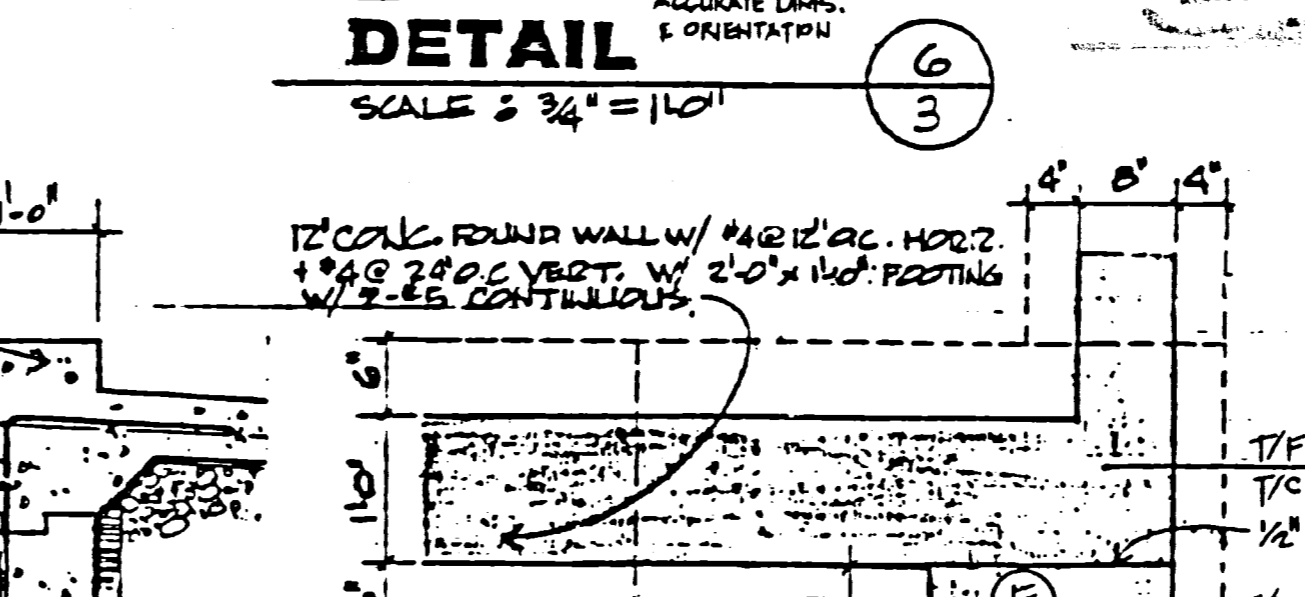
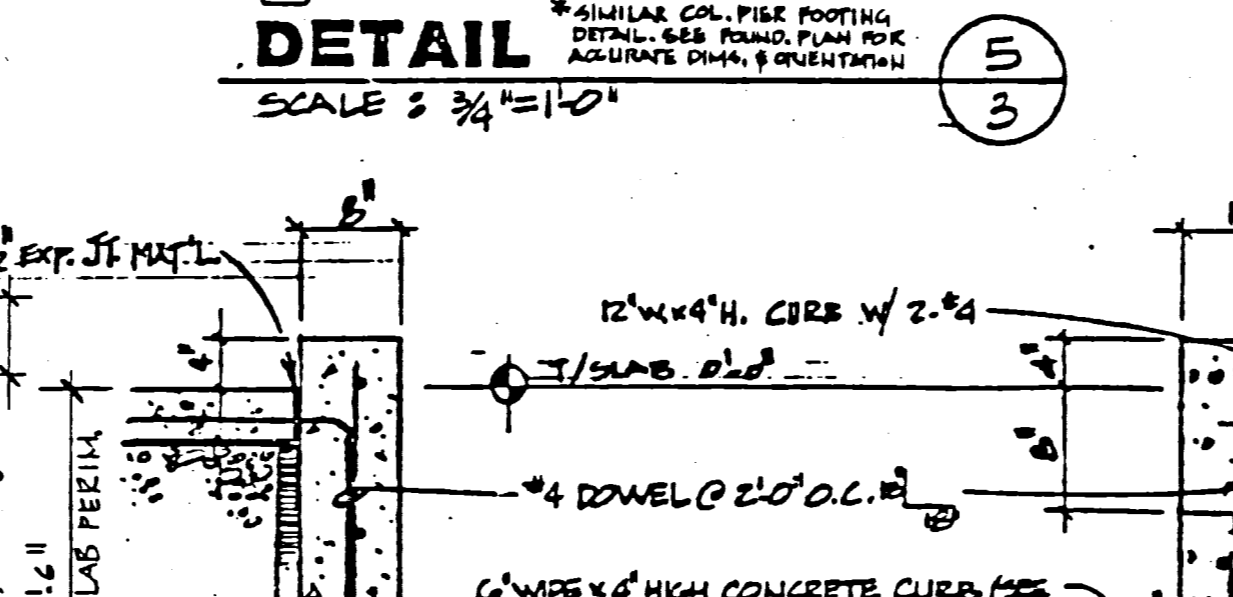
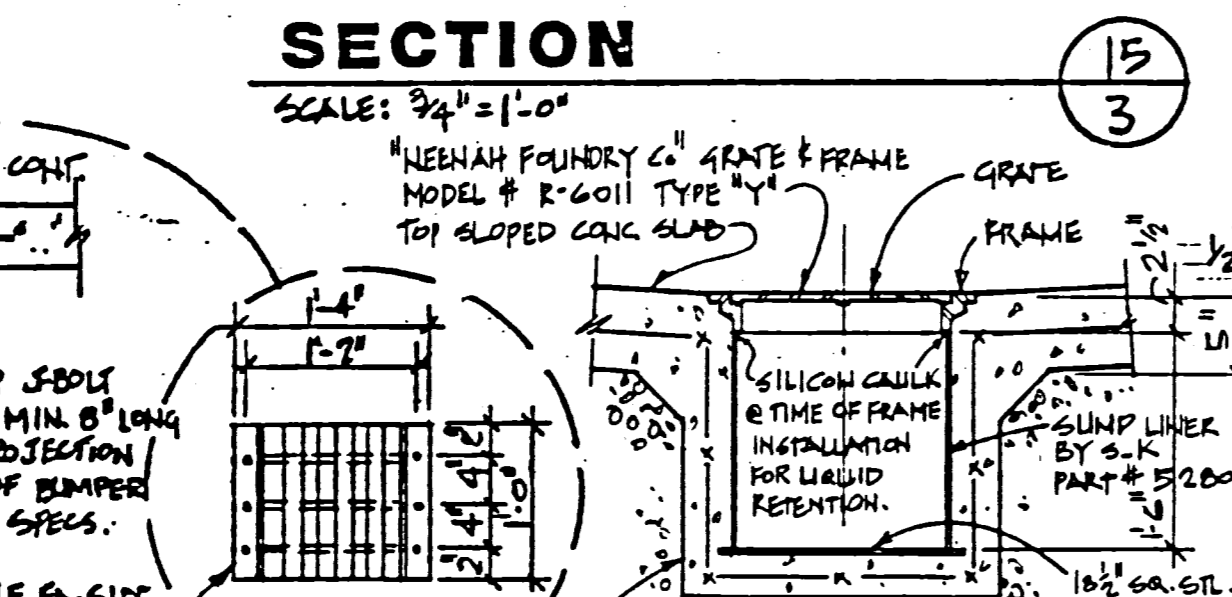
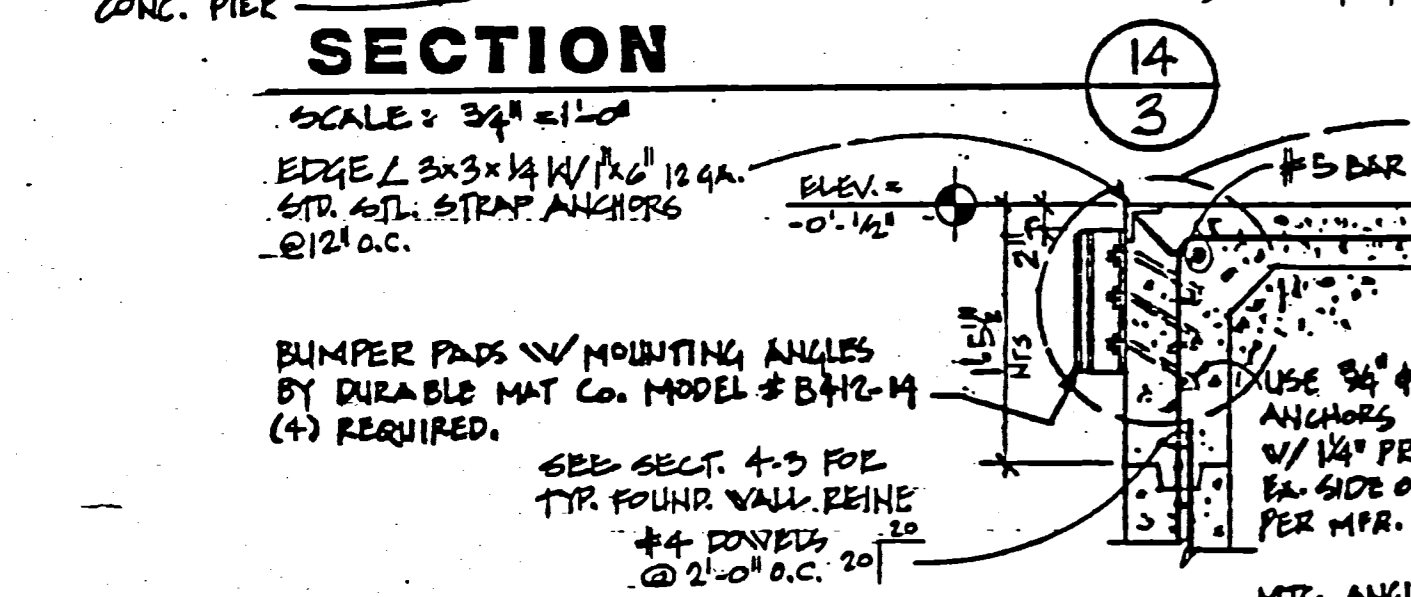
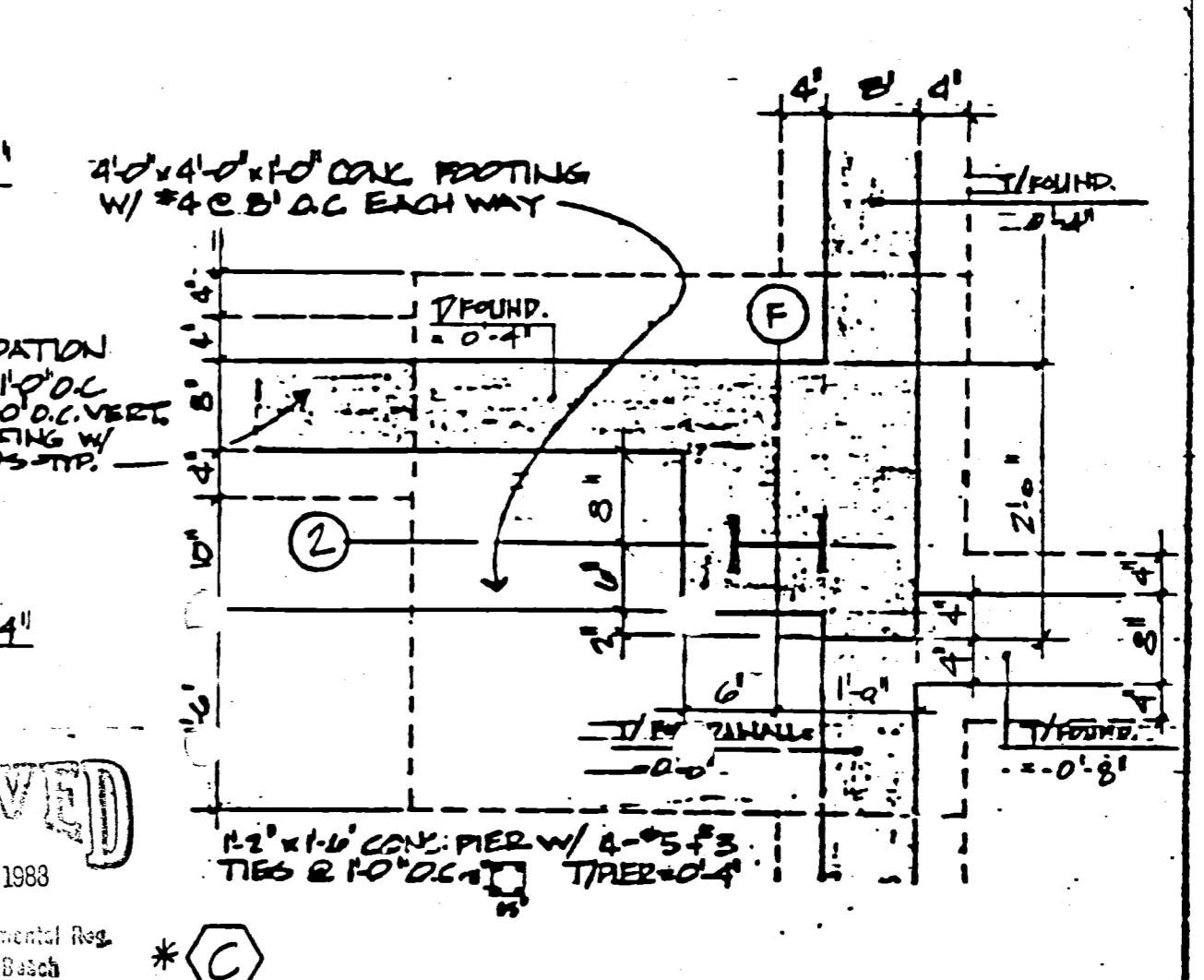
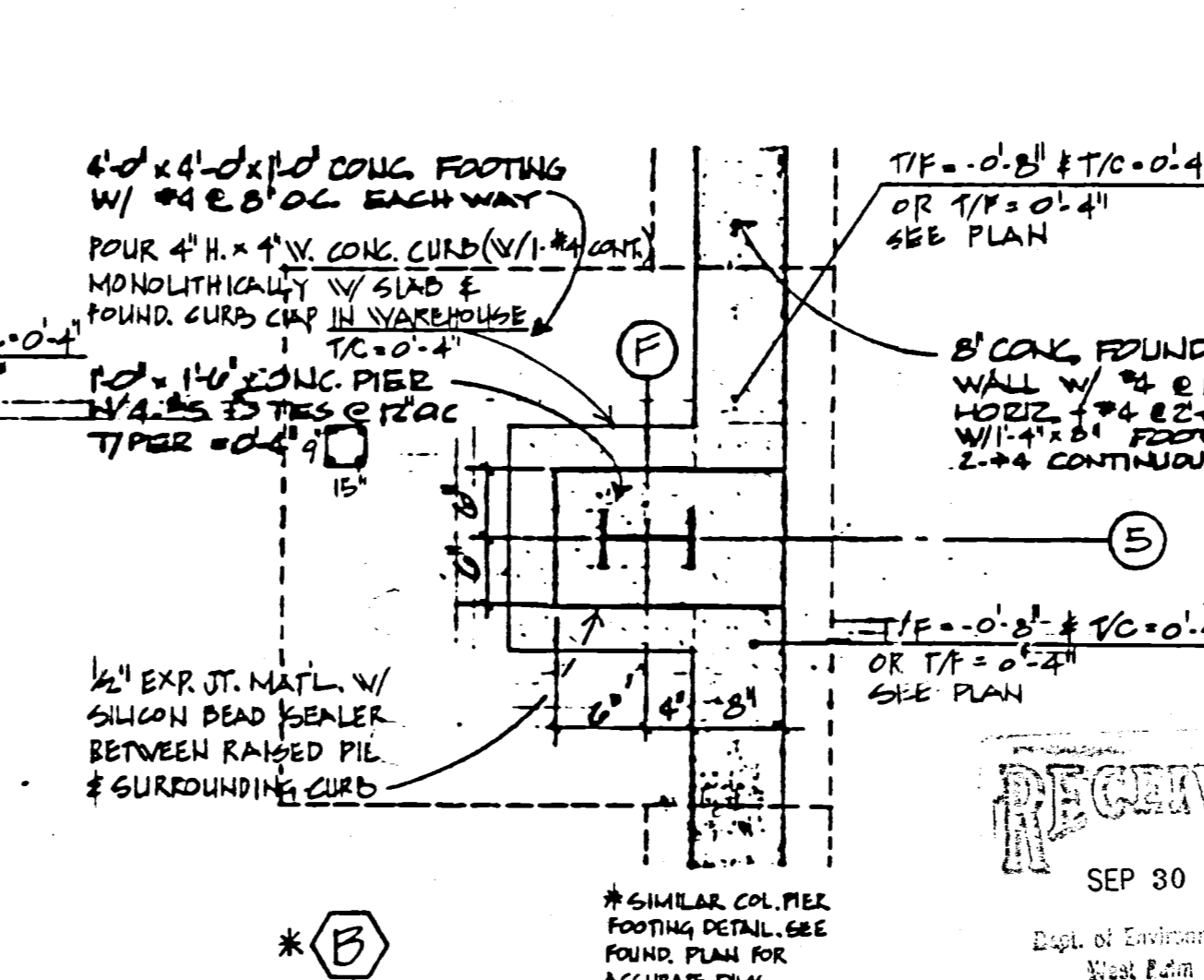
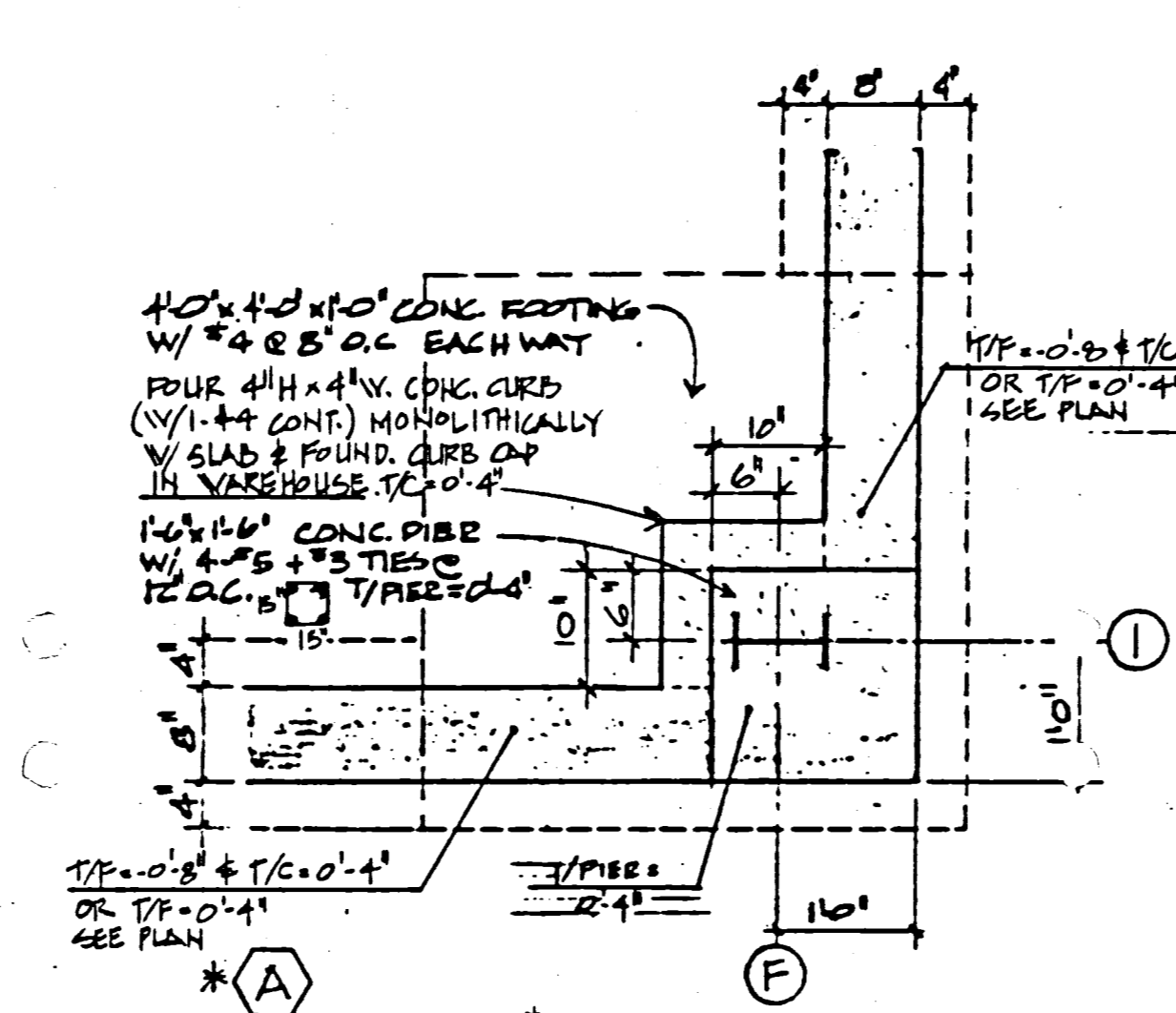
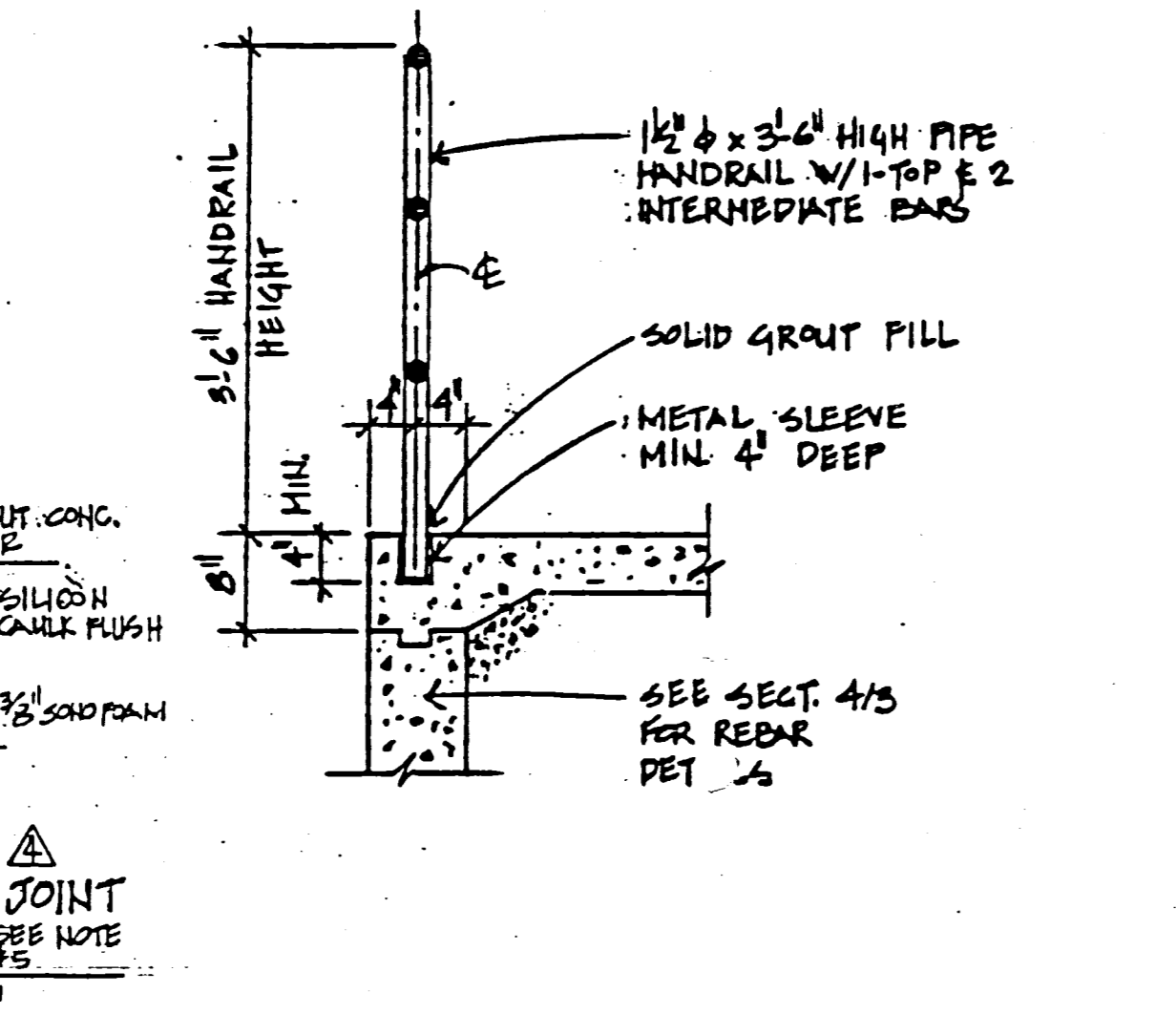
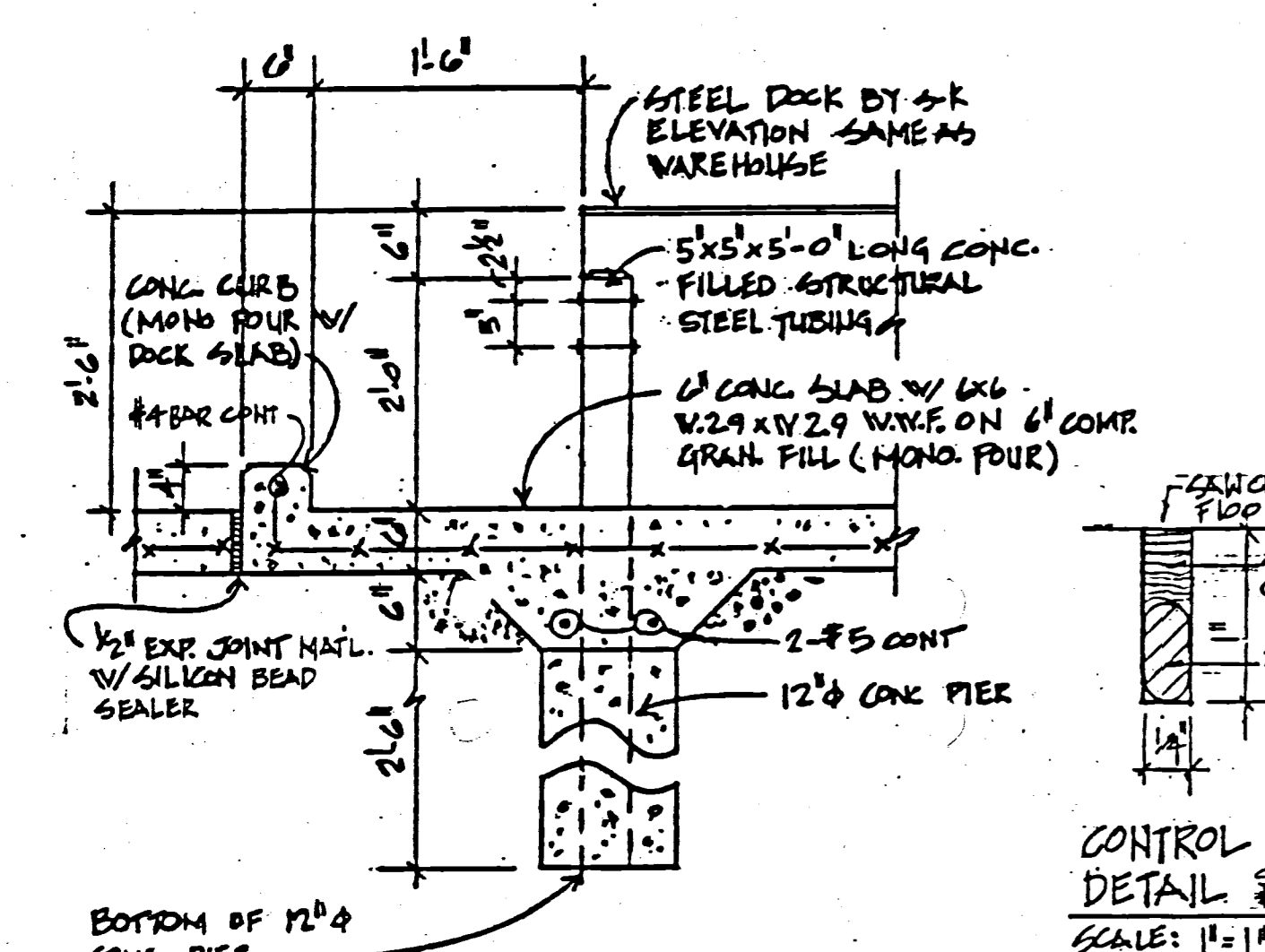
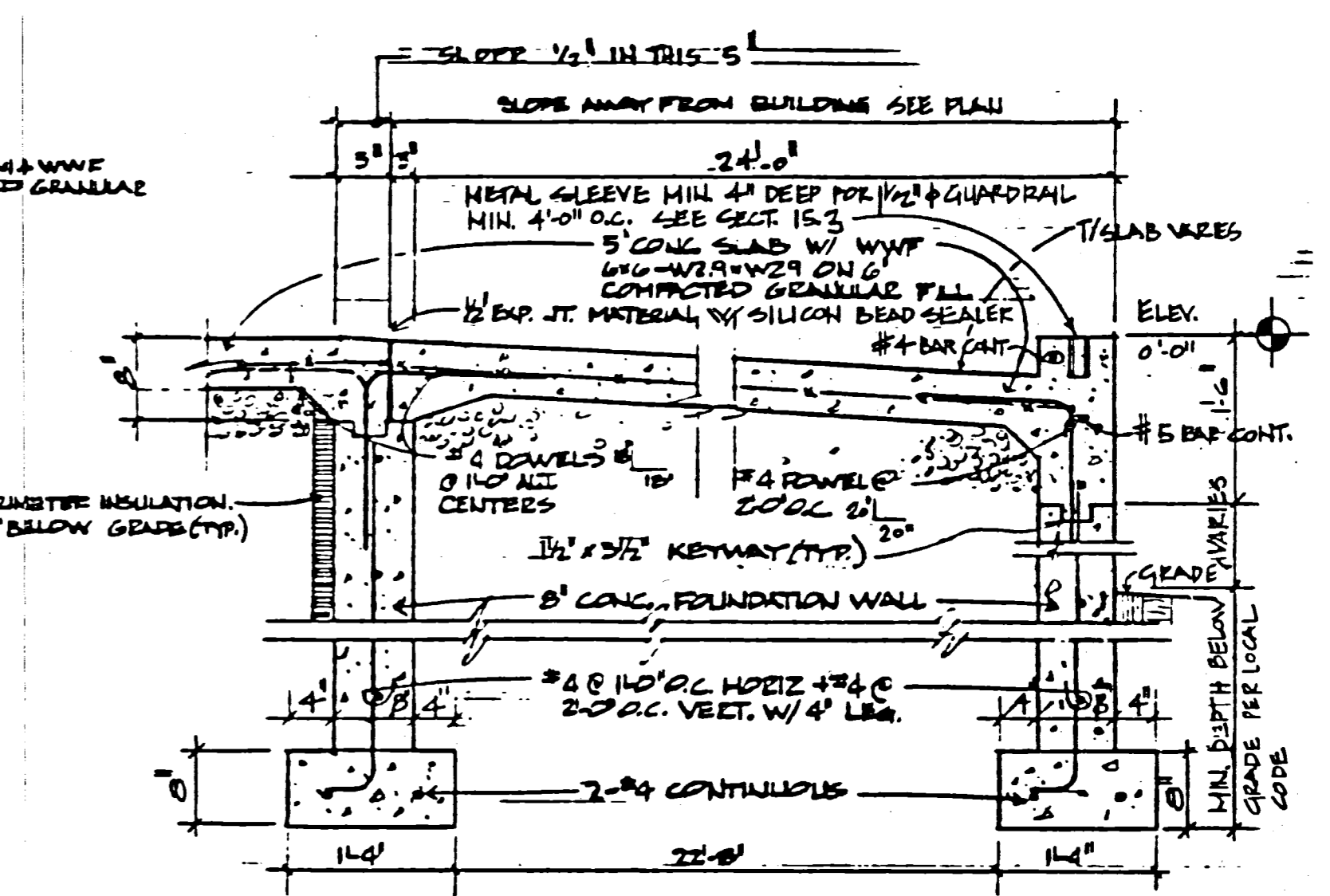
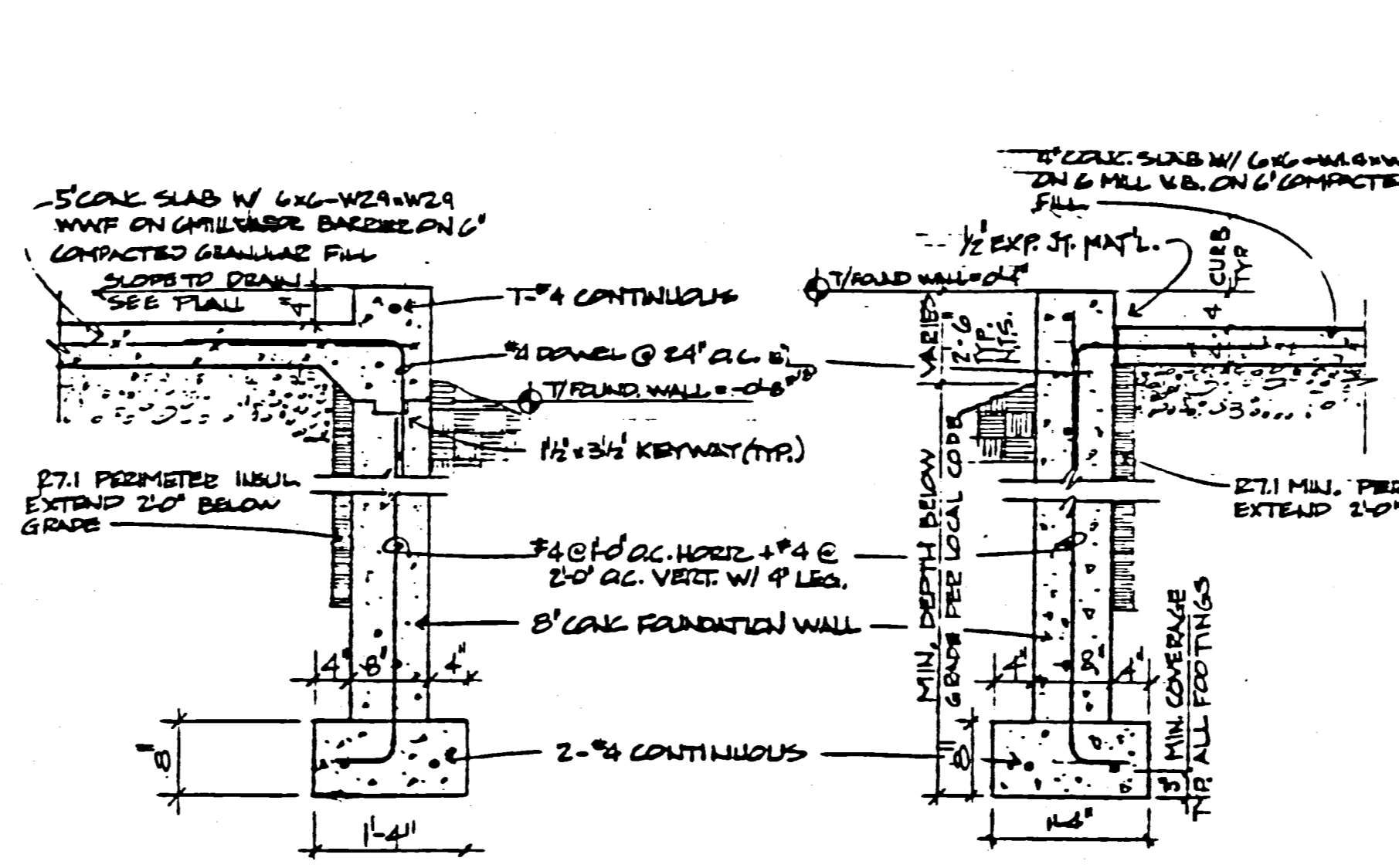
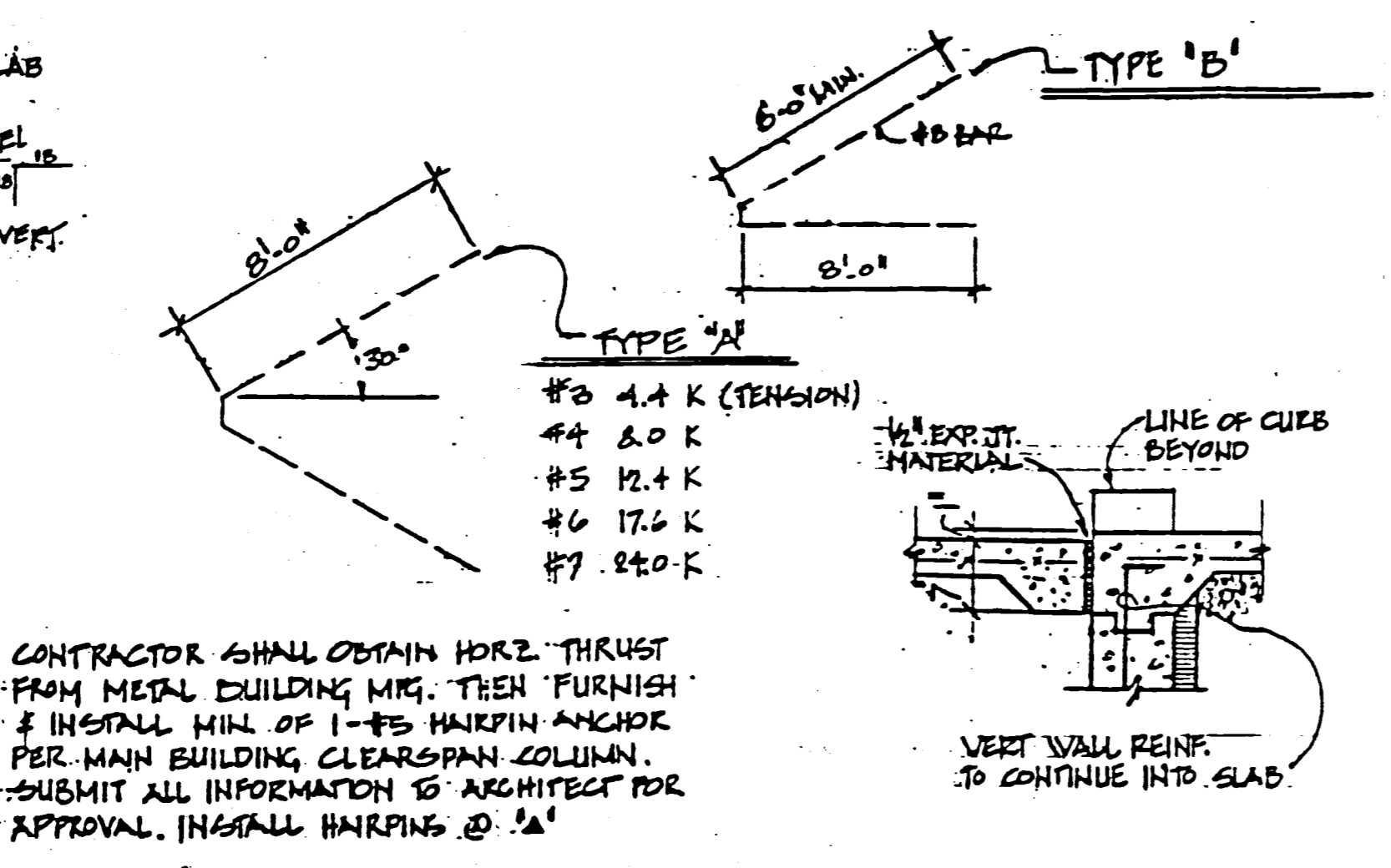
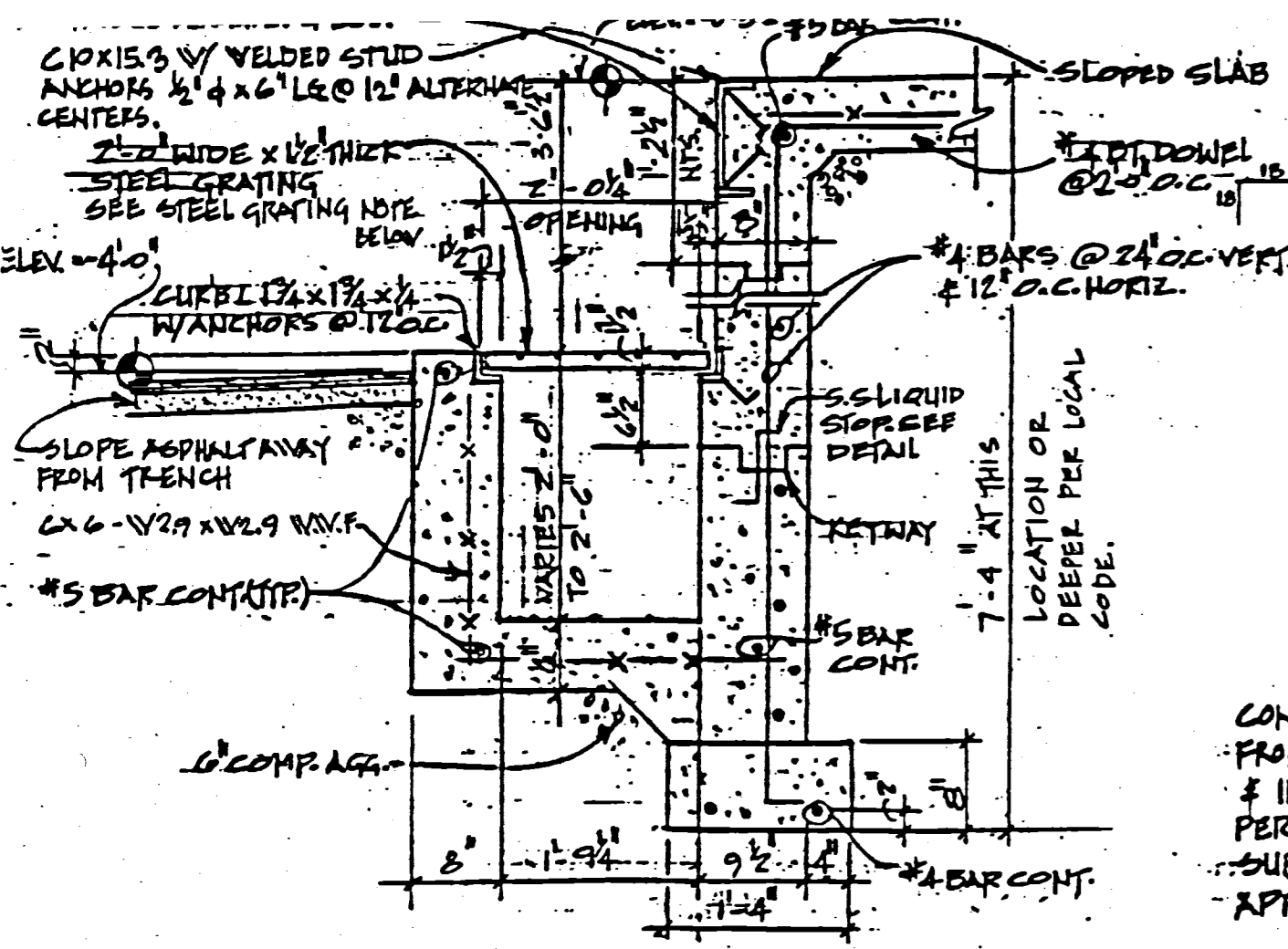
**125' x 80' x 15' SERVICE CENTER FOUNDATION PLAN**

SCALE: AS SHOWN	REVISIONS	BY	DATE
DATE: 4-B-BT	DEEPEM FOOTINGS	LTD	5/19/87
DR: KLB	OVERALL REVISIONS	RLB	8/24/87
DESIGN: KLB	CHANGED 4' SLOPE TO 3' SLOPE	RLB	10-11-87

FOR SERVICE CENTER BRANCH  
BOYNTON BEACH, FL. C-3-077-01

**1D13043**





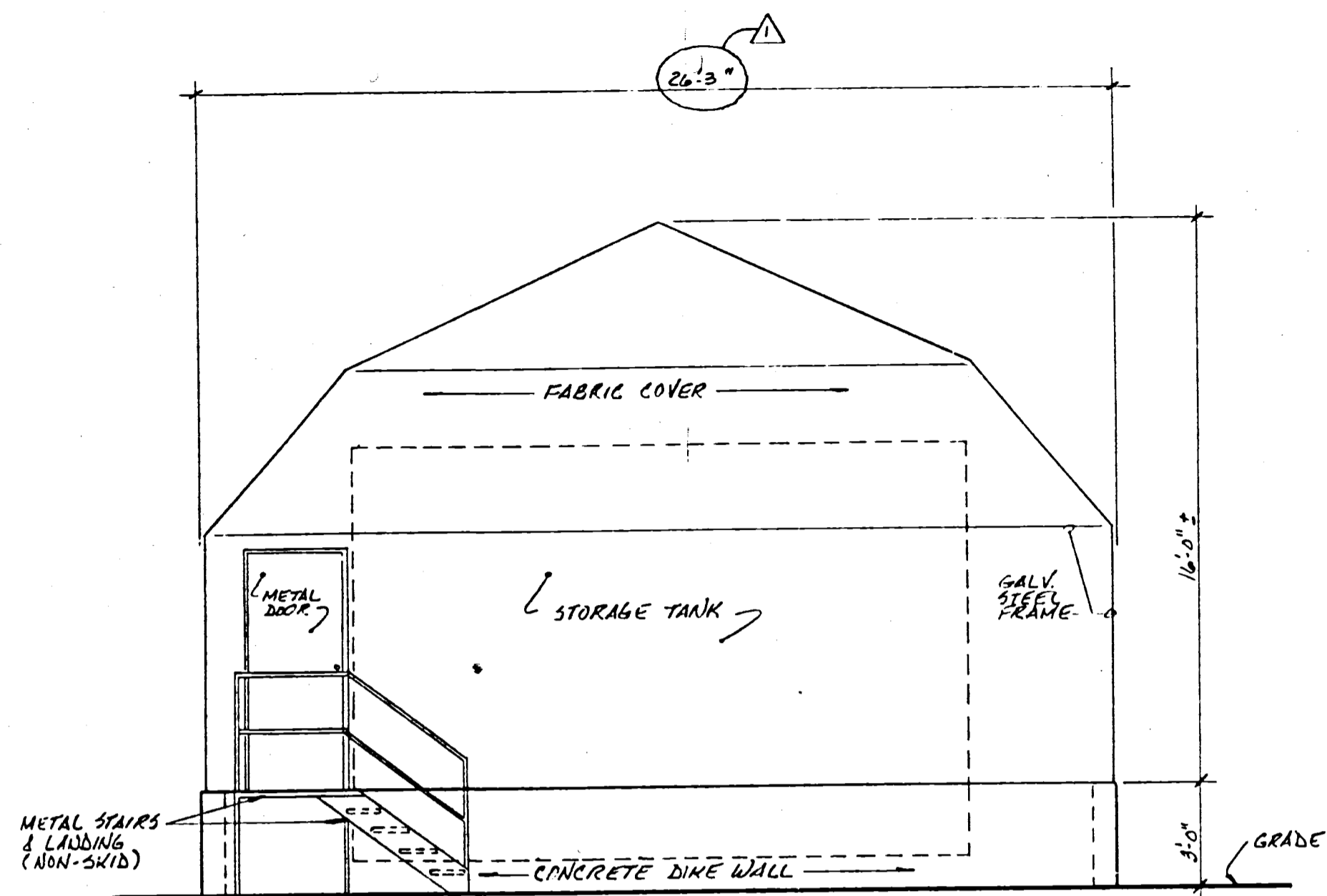
- NOTES**
- ALL CONCRETE SHALL HAVE  $F_c = 3000$  PSI. ALL CONCRETE EXPOSED TO WEATHER SHALL HAVE 7% AIR ENTRAINMENT.
  - ALL CONC. FLOORS TO HAVE LIQUID FLOOR SEALER 'CURB-N-SEAL' MFG. BY SONNEBORN.
  - FURNISH & INSTALL HAIRPIN ANCHORS PER MFG'S SPECIFICATIONS & AWAY FROM BLDG. AS SHOWN ON PLAN.
  - SLOPE ALL CONCRETE SLABS TO SUMP, TRENCHES, FLOOR DRAINS & AWAY FROM BLDG. AS SHOWN ON PLAN.
  - PROVIDE 1/2" SAW CUT CONTROL JOINTS @ 20' MAX CENTER EWAY. INSTALL 1/2" SONOPRIM MFG. BY SONNEBORN USING BRONZE CEMENT. LET FULLY CURE & FILL FLUSH W/ SMOOTH CAULK.
- NOTES CONTINUED BELOW.

**Safem-Hleen Corp.**  
777 BIG TRAMER ROAD • ELKTON, MARYLAND 21921  
PHONE 302-487-4400

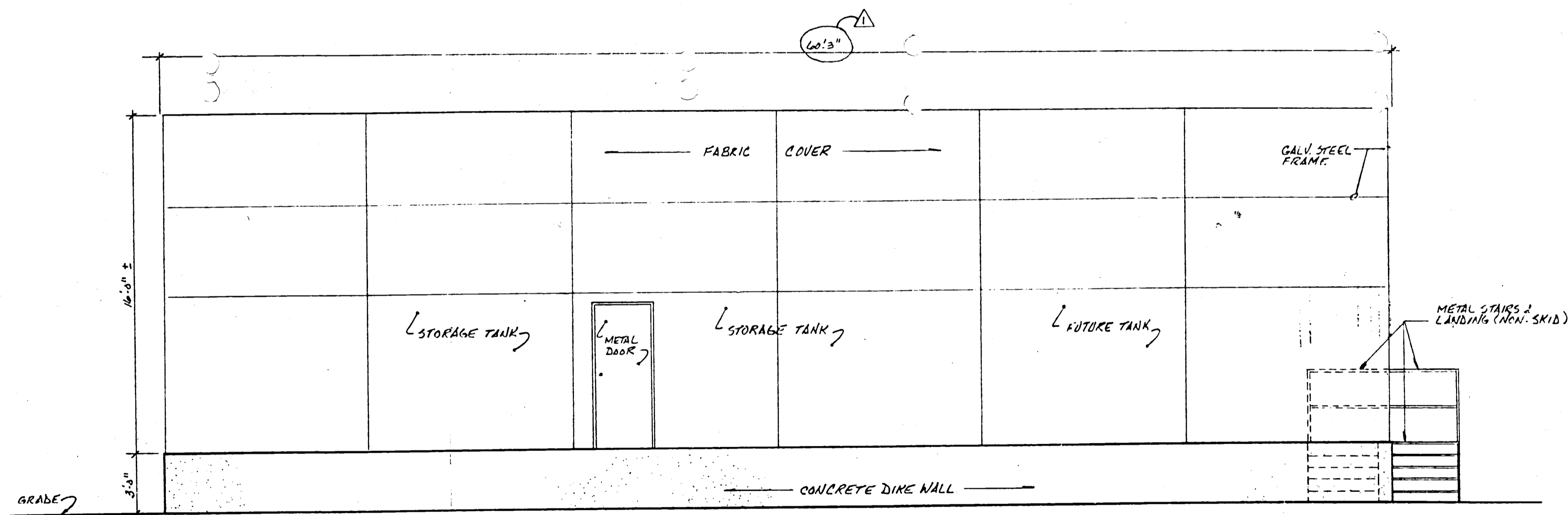
**175' x 80' x 18' SERVICE CENTER FOUNDATION DETAILS**

ADD SHEET	REVISE TYPE OR SIZE	DATE
4-8-87	ADD STEEL GRATING NOTE	CRW 7-2-87
ELLS	REV. DETAIL/ADD CHANGE NOTE	PLB 8-11-87
	OVERALL REVISIONS, ADD REV. SECTIONS	PLB 8-28-87

FOR SERVICE CENTER BRANCH  
BOYNTON BEACH, FL. (307) 01 1D3044



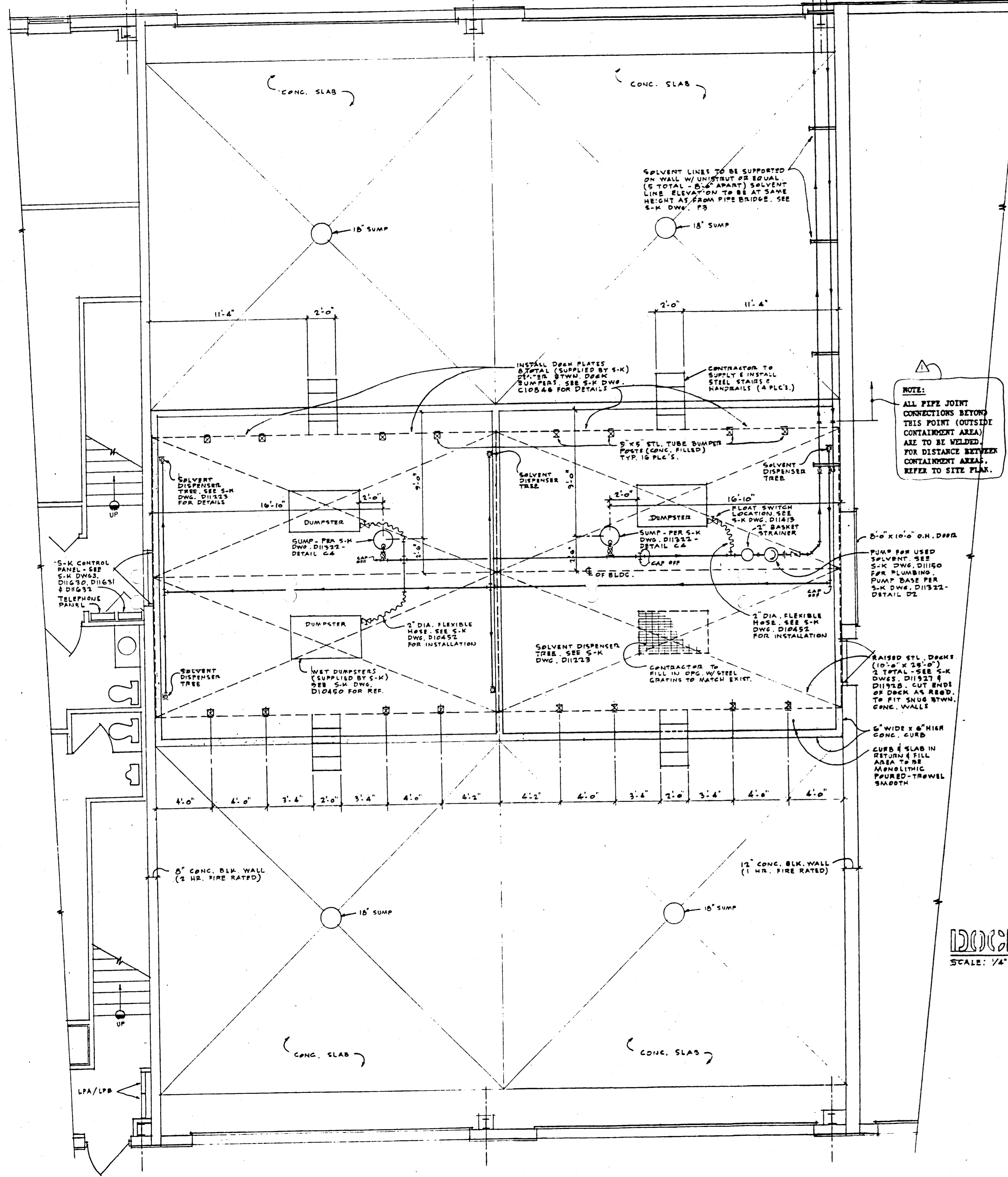
**END ELEVATION**  
SCALE: 1/4" = 1'-0"



**SIDE ELEVATION**  
SCALE: 1/4" = 1'-0"

**RECEIVED**  
SEP 30 1988  
Dept. of Environmental Reg.  
West Palm Beach

<b>S safety-keen corp.</b>		777 BIG TIMBER ROAD • ELGIN, ILLINOIS 60120		PHC-00 312-717-8480	
<b>TANK FARM ELEVATIONS</b>					
SCALE: 1/4" = 1'-0"	REVISIONS	BY	DATE	<b>P5</b>	
DATE: 5-26-87	Δ CHANGED TANK FARM SIZE	C.E.	11/1/88		
DR: RD					
TITLE: FOR: SERVICE CENTER BRANCH - BOYNTON BEACH, FL. (2-09-1981) <b>D13056</b>					

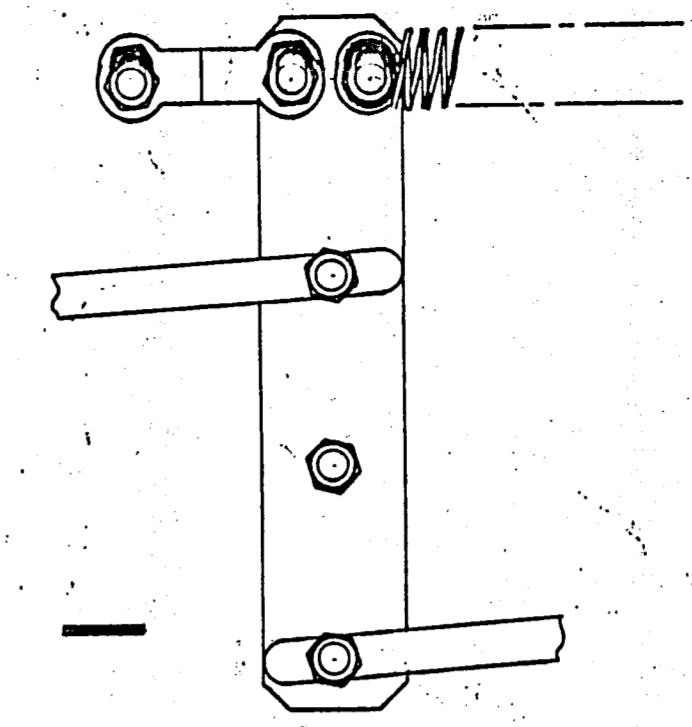
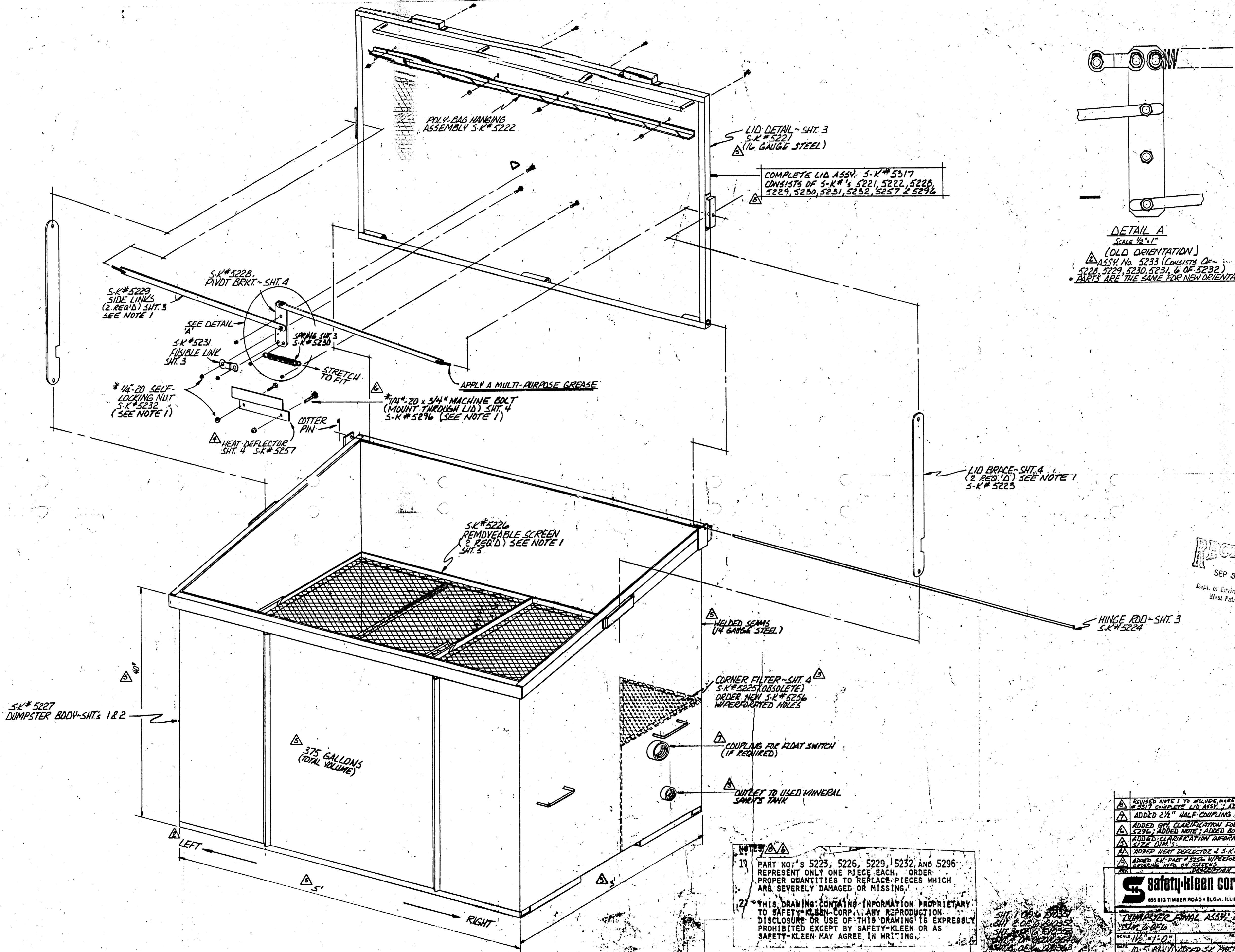


**DOCK PLAN - RETURN & FILL AREA**  
SCALE: 1/4" = 1'-0"

RECEIVED  
SEP 30 1987  
SAFETY-CLEAN CORP.  
777 BUS TUBER ROAD • ELGIN, ILLINOIS 60120  
PHONE 312/977-0400

<b>125'x80'x18' SERVICE CENTER</b>			
<b>S safety-clean corp.</b> 777 BUS TUBER ROAD • ELGIN, ILLINOIS 60120 PHONE 312/977-0400			
<b>DOCK PLAN - Return &amp; Fill Area</b>			<b>(P2)</b>
SCALE	1/4" = 1'-0"	REVISIONS	BY DATE
DATE	5/18/87	ADDED NOTE	C.S. 9/11/87
DRW	C.S.	CHK	
APP			
TITLE FOR SERVICE CENTER BRANCH; 30YNTON BEACH, FL. (3-097-01)			NO. D13053

PLANNING 49-5000



DETAIL A  
SCALE 1/2"=1"  
(OLD ORIENTATION)  
ASSY. No. 5233 (CONSISTS OF -  
5228, 5229, 5230, 5231, 6 OF 5232)  
PARTS ARE THE SAME FOR NEW ORIENTATION.

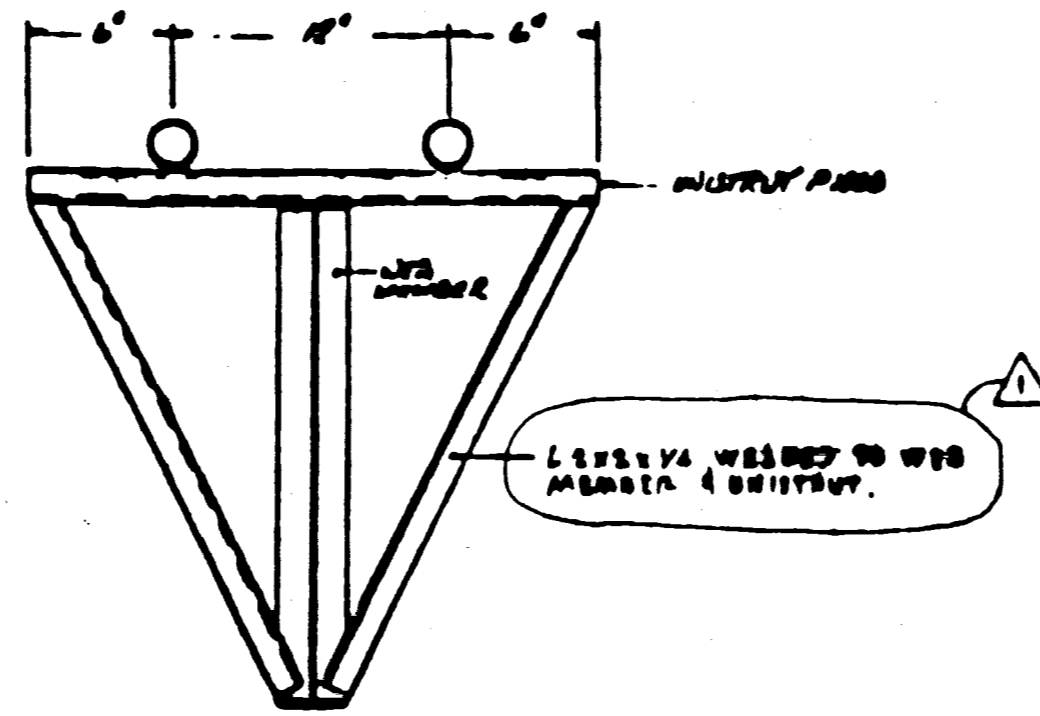
RECEIVED  
SEP 30 1988  
Dept. of Environmental Reg.  
West Palm Beach

NOTES:  
19 PART NO.'S 5225, 5226, 5229, 5232, AND 5296 REPRESENT ONLY ONE PIECE EACH. ORDER PROPER QUANTITIES TO REPLACE PIECES WHICH ARE SEVERELY DAMAGED OR MISSING.  
20 THIS DRAWING CONTAINS INFORMATION PROPRIETARY TO SAFETY-KLEEN CORP. ANY REPRODUCTION, DISCLOSURE OR USE OF THIS DRAWING IS EXPRESSLY PROHIBITED EXCEPT BY SAFETY-KLEEN OR AS SAFETY-KLEEN MAY AGREE IN WRITING.

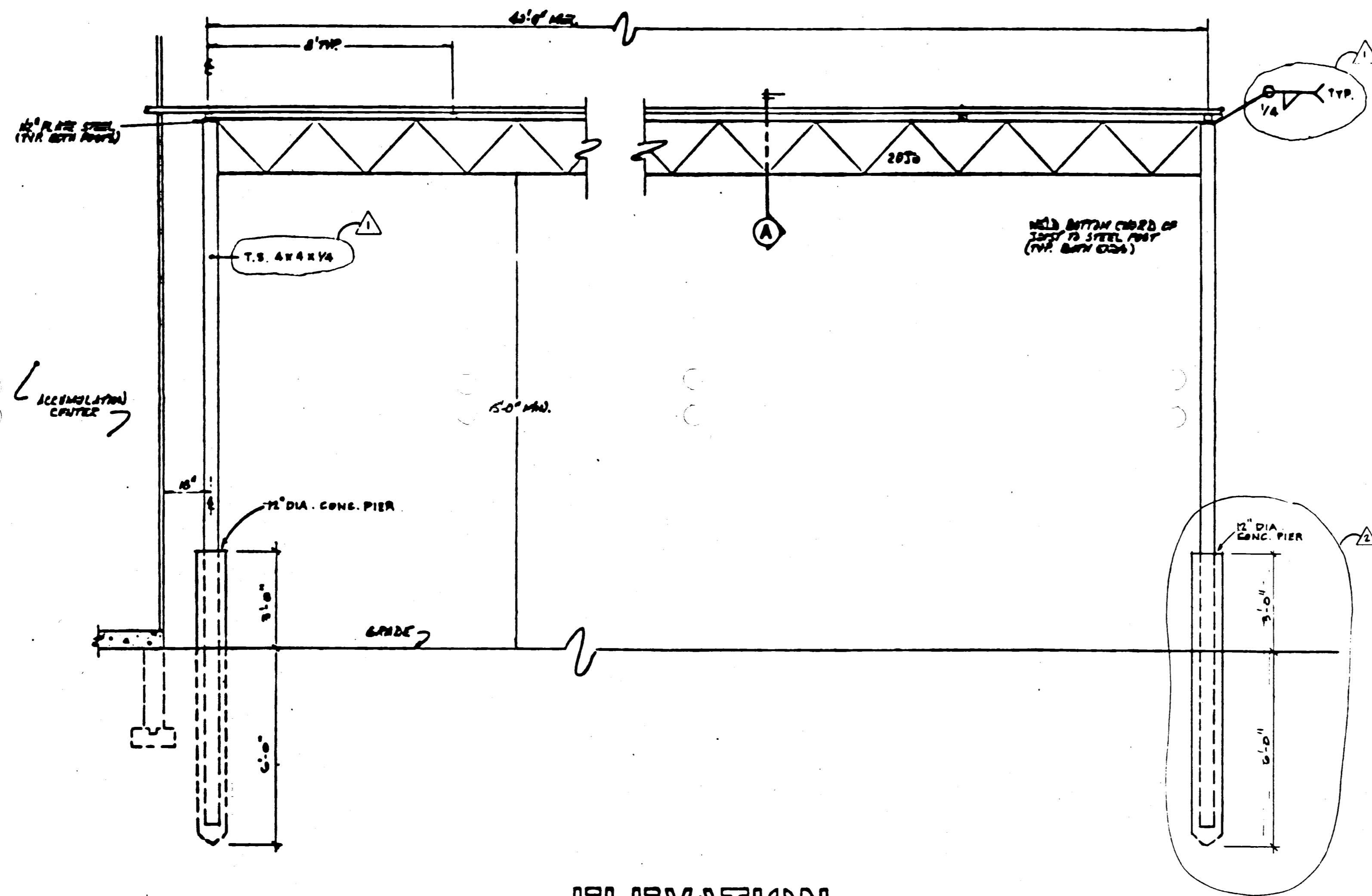
NO.	DESCRIPTION	DATE	BY
1	REVISED NOTE 1 TO INCLUDE MARK PART # 17 ADDED S-K # 5217 CHANGE LID ASSY. ADDED NOTE 2	8-13-84	RD
2	ADDED 2 1/2" HALF COUPLING	9-28-83	RD
3	ADDED COR. CLASSIFICATION FOR PART # 5222 & 5226, ADDED NOTE, ADDED BOLTS FOR HEAT DEFLECTOR	4-29-83	RD
4	ADDED CLASSIFICATION INFORMATION & OVERALL SIZE DIM'S.	3-13-83	RD
5	ADDED HEAT DEFLECTOR & S-K # 5257	5-11-82	RD
6	ADDED S-K # 5296 & 5297, PERFORATED HOLES, ENHANCED DRAWING WITH DIMENSIONS	6-11-82	RD
7	ADDED CORNER FILTER	8-11-82	RD

**safety-kleen corp.**  
856 BIG TIMBER ROAD • ELGIN, ILLINOIS 60120 PHONE 312/837-3400

DUMPSTER FINAL ASSY. DETAILS (S-K# 5222)  
SCALE 1/2"=1"  
DATE 11/2/82  
BY RD  
CHECKED BY RD  
APPROVED BY RD



**SECT. A**



**ELEVATION**

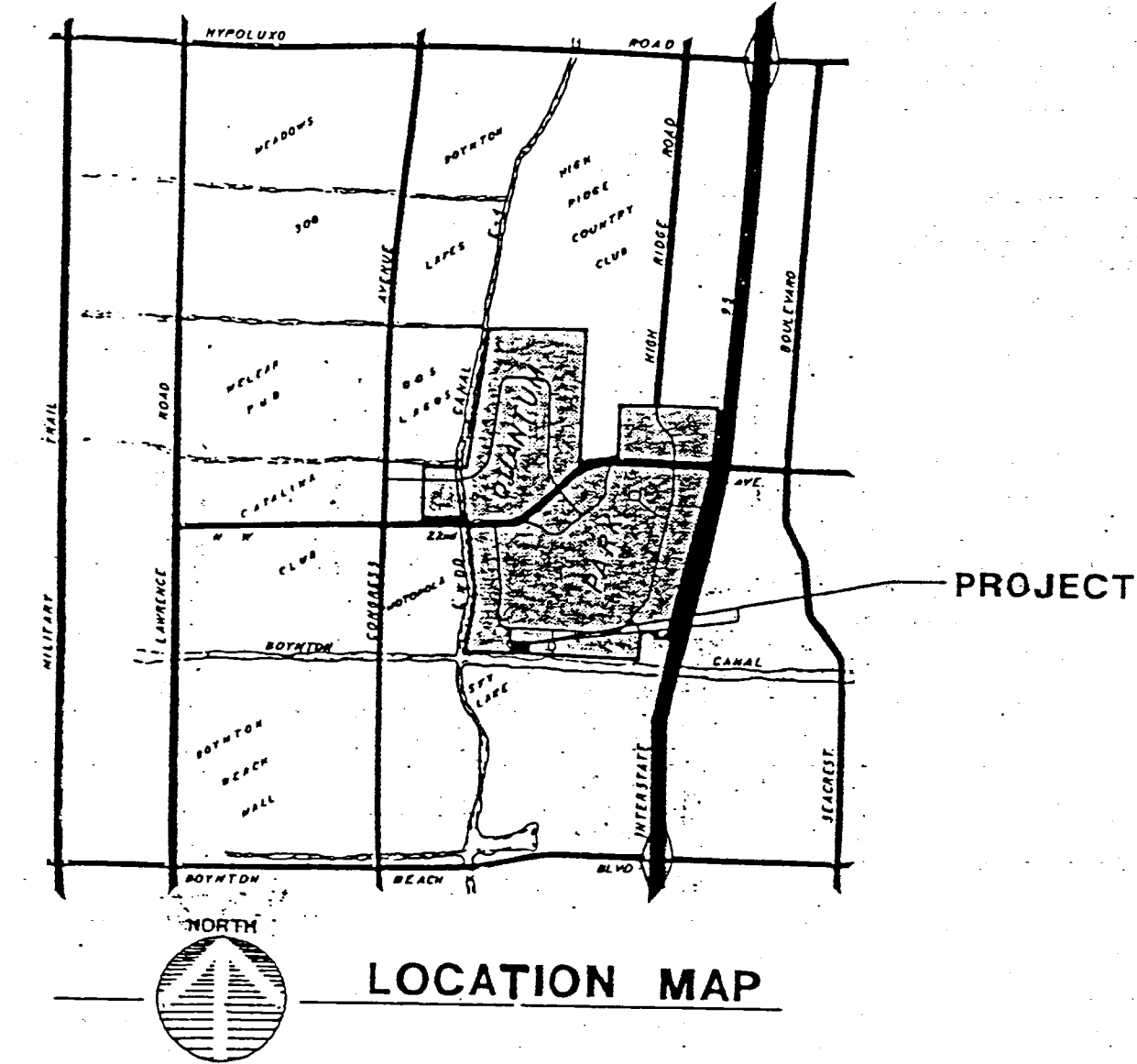
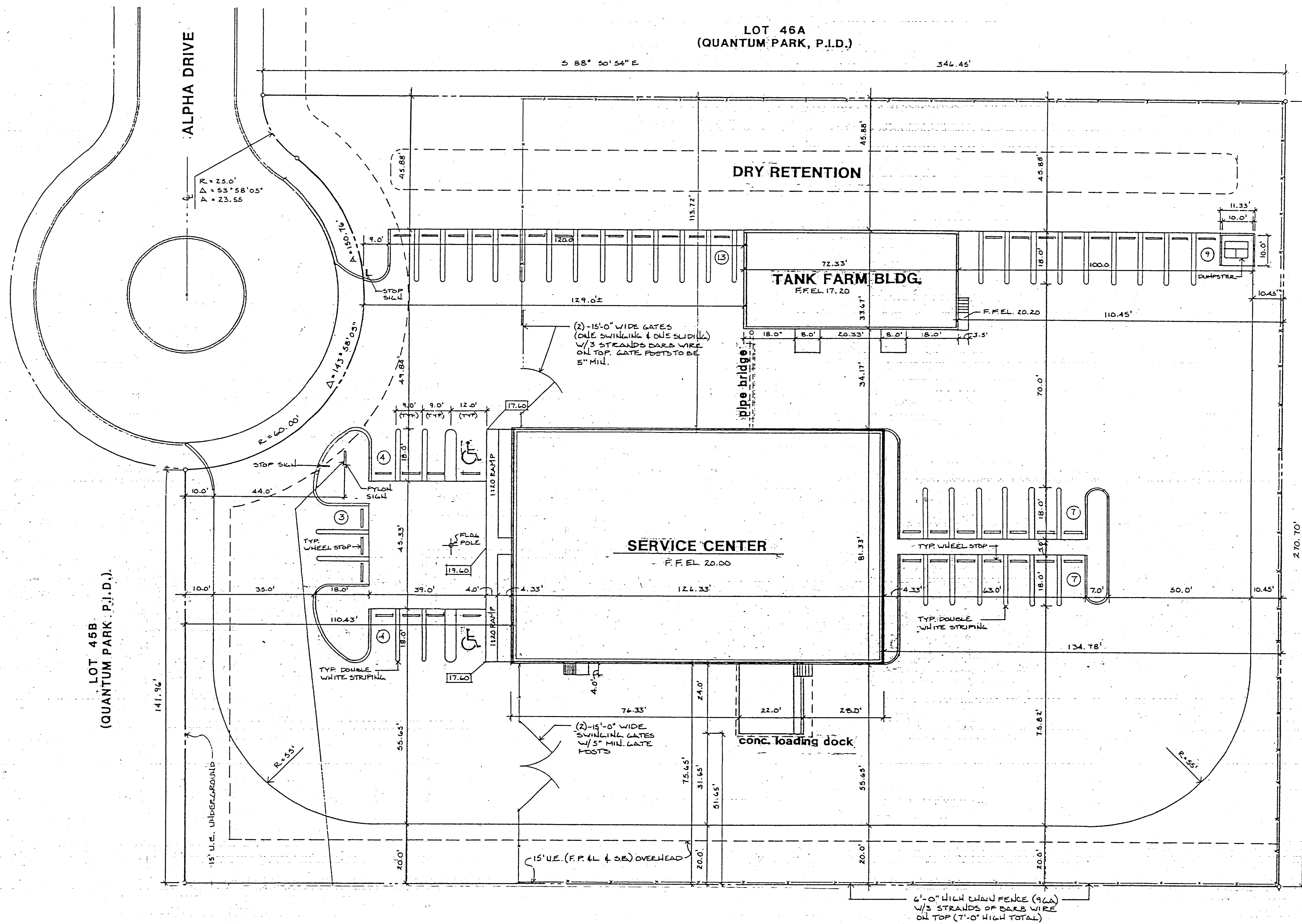
SCALE: 3/8" = 1'-0"

NOTE:  
FINISH W/ RED OXIDE PRIMER.

RECEIVED  
SEP 30 1983  
Eng. & Architectural Dept.  
New York Beach

<b>125'x60'x18' SERVICE CENTER</b>			
<b>S safetq-kleen corp.</b> 7775 TIMBER ROAD - ELON, N.C. 27624 PHONE 312/987-6888			
<b>PIPE BRIDGE DETAILS (P3)</b>			
SCALE: AS NOTED	ENGR. DRS. NO.	C.S.	DATE
3/18/85	REVISIONS PER CWM/AMV	C.S.	01/1/86
RD	ADDED DETAILS, ADDED CONC. PIER	C.S.	04/27/87
FOR SERVICE/ACCUMULATION CTR. BOYNTON BEACH, FL (3097-01)			D13054

LOT 46A  
(QUANTUM PARK, P.I.D.)

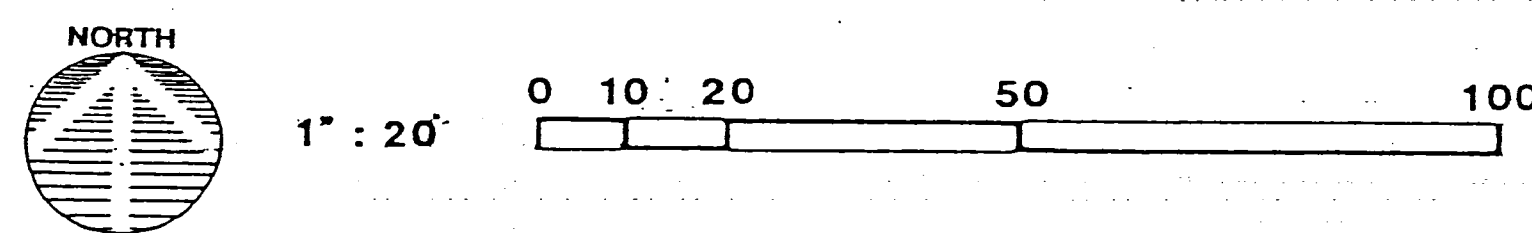
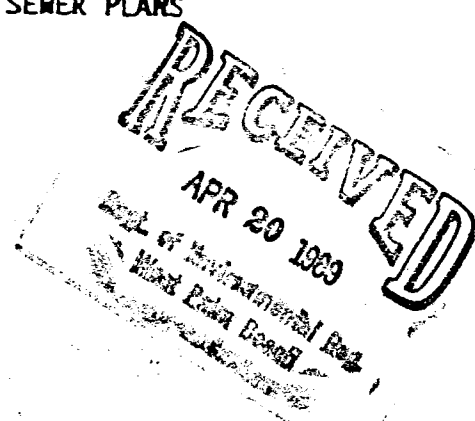


DATA

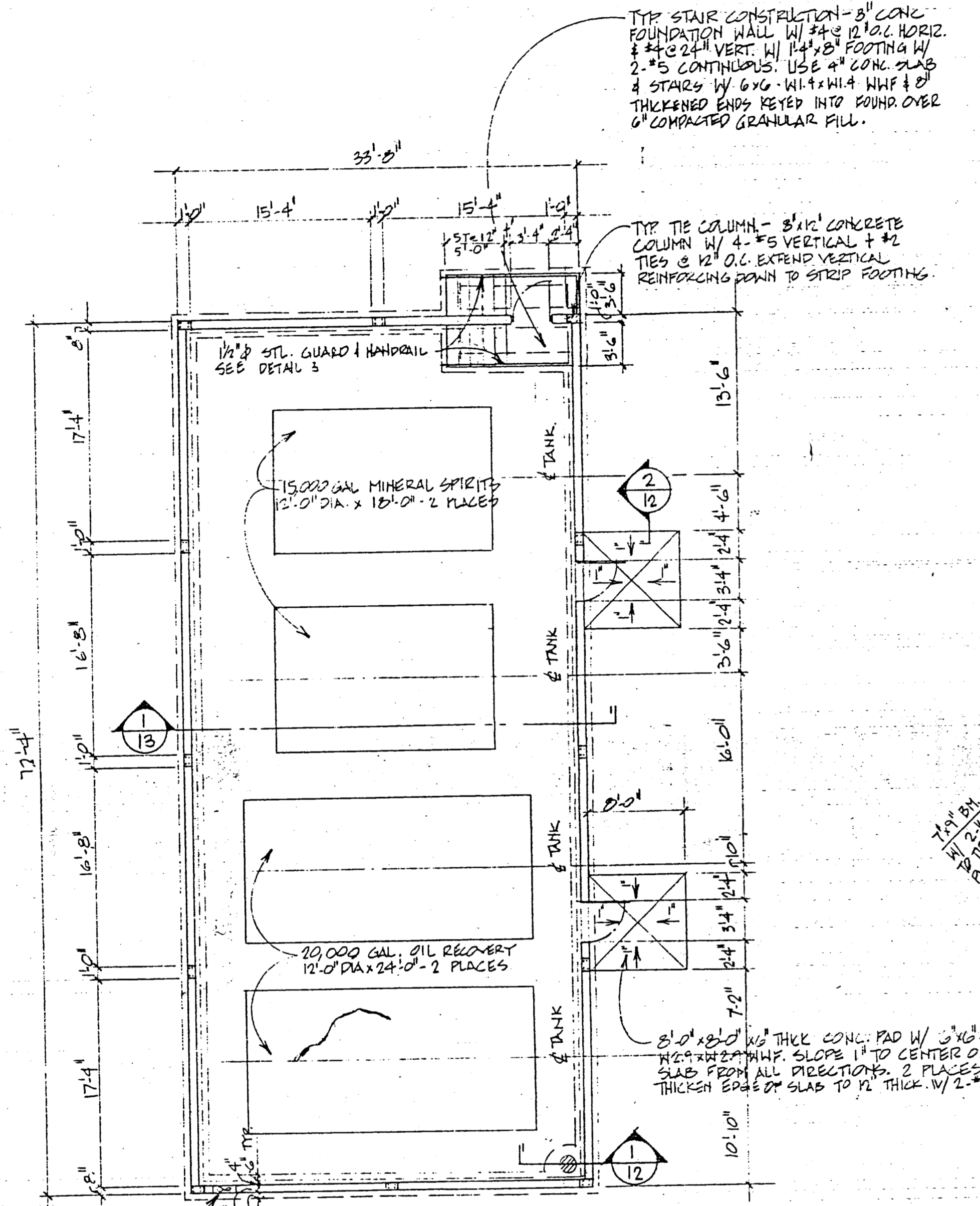
TOTAL AREA (LOTS 46-B & 46-C)	3.19 AC.	100.0 %
LOT 46-B	2.17 AC.	68.0 %
LOT 46-C (C-16 R/M)	1.02 AC.	32.0 %
DEVELOPMENT AREA (LOT 46-B)	2.17 AC.	100.0 %
BUILDING COVERAGE	0.29 AC.	13.4 %
PARKING & DRIVEWAYS	1.16 AC.	53.5 %
LANDSCAPE AREAS	0.37 AC.	17.1 %
DRY RETENTION AREA	0.35 AC.	16.0 %
IMPERVIOUS AREA	1.45 AC.	66.9 %
PERVIOUS AREA	0.72 AC.	33.1 %
PARKING REQUIRED (INCLUDING TANK FARM BLDG.)	30 SPACES	
PARKING PROVIDED (EXCLUDING TANK FARM BLDG.)	25 SPACES	
PARKING PROVIDED	47 SPACES	
HANDICAPPED PARKING REQUIRED	2 SPACES	
HANDICAPPED PARKING PROVIDED	2 SPACES	
INTERIOR LANDSCAPE REQUIRED (25 P.S.)	500 S.F.	
INTERIOR LANDSCAPE PROVIDED	3,794 S.F.	

GENERAL NOTES

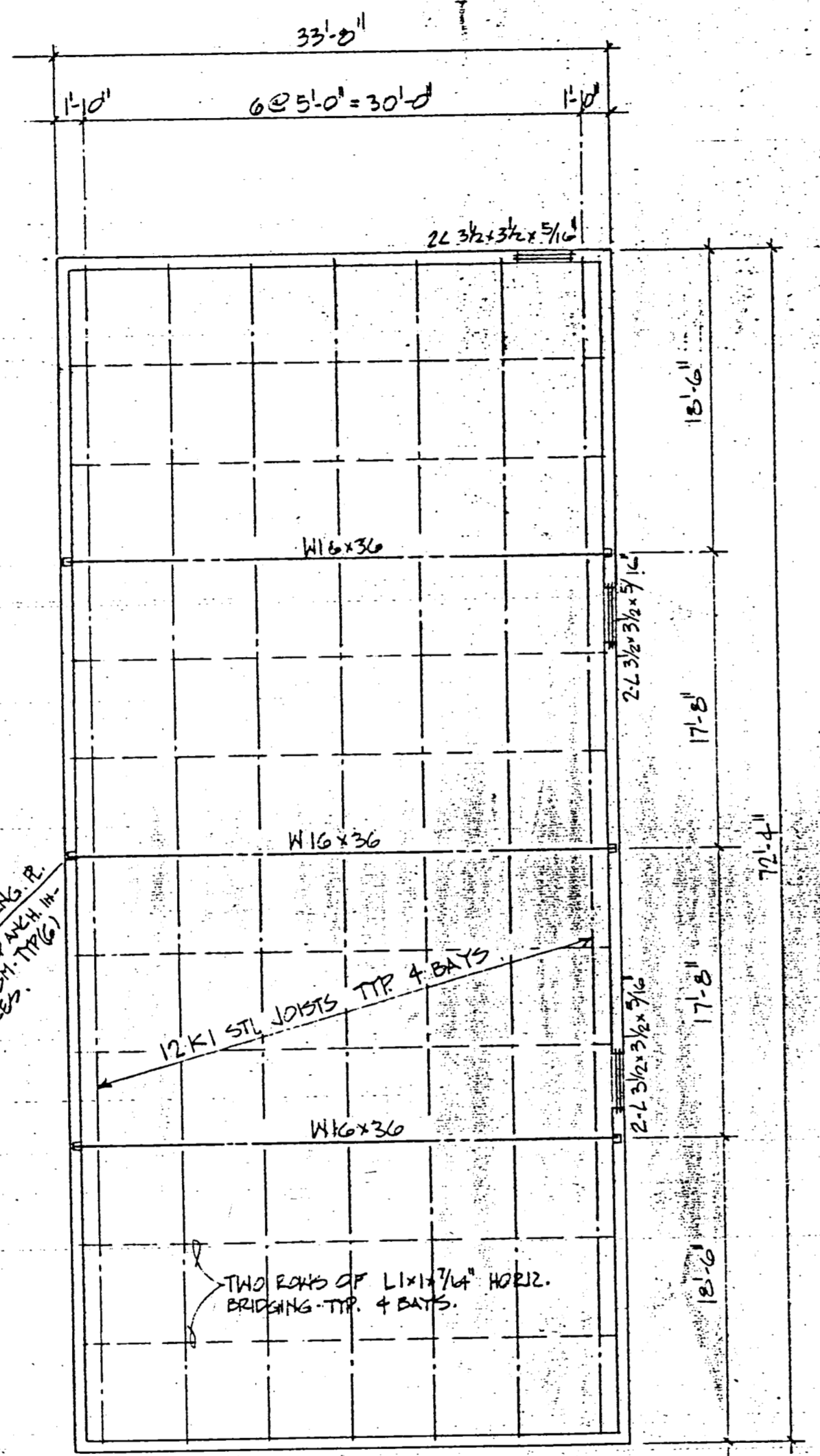
- FOR PAVEMENT ELEVATIONS REFER TO PAGE 2 OF 6 OF PAVING & DRAINAGE PLANS PREPARED BY ROSSI & MALAVASI, ENGINEERS.
- FOR WATER AND SEWER LINES, REFER TO PAGE 2 OF 3 OF WATER & SEWER PLANS PREPARED BY ROSSI & MALAVASI, ENGINEERS.



NO.				DESCRIPTION				BY		CHKD		APPR		DATE	
REVISIONS															
TITLE															
SITE PLAN															
SAFETY-KLEEN CORP. 777 BIRD TOWER ROAD, ELGIN, ILLINOIS 60120 PHONE 312/897-8408															
PROJ. ENGR. APPL.				OPERATIONS APPL.				SCALE				DRAWN		DATE	
								CAL				1-3-83			
BRANCH (3-097-03)								DRAWING NO. D13439				REV.			
BOYNTON BEACH, FL															



**FLOOR PLAN**  
SCALE: 1/8" = 1'-0"



**ROOF FRAMING PLAN**  
SCALE: 1/8" = 1'-0"

**DESIGN LOADS**

**ROOF**  
 LIVE LOAD — 30 PSF  
 DEAD LOAD — 10 PSF  
 TOTAL — 40 PSF

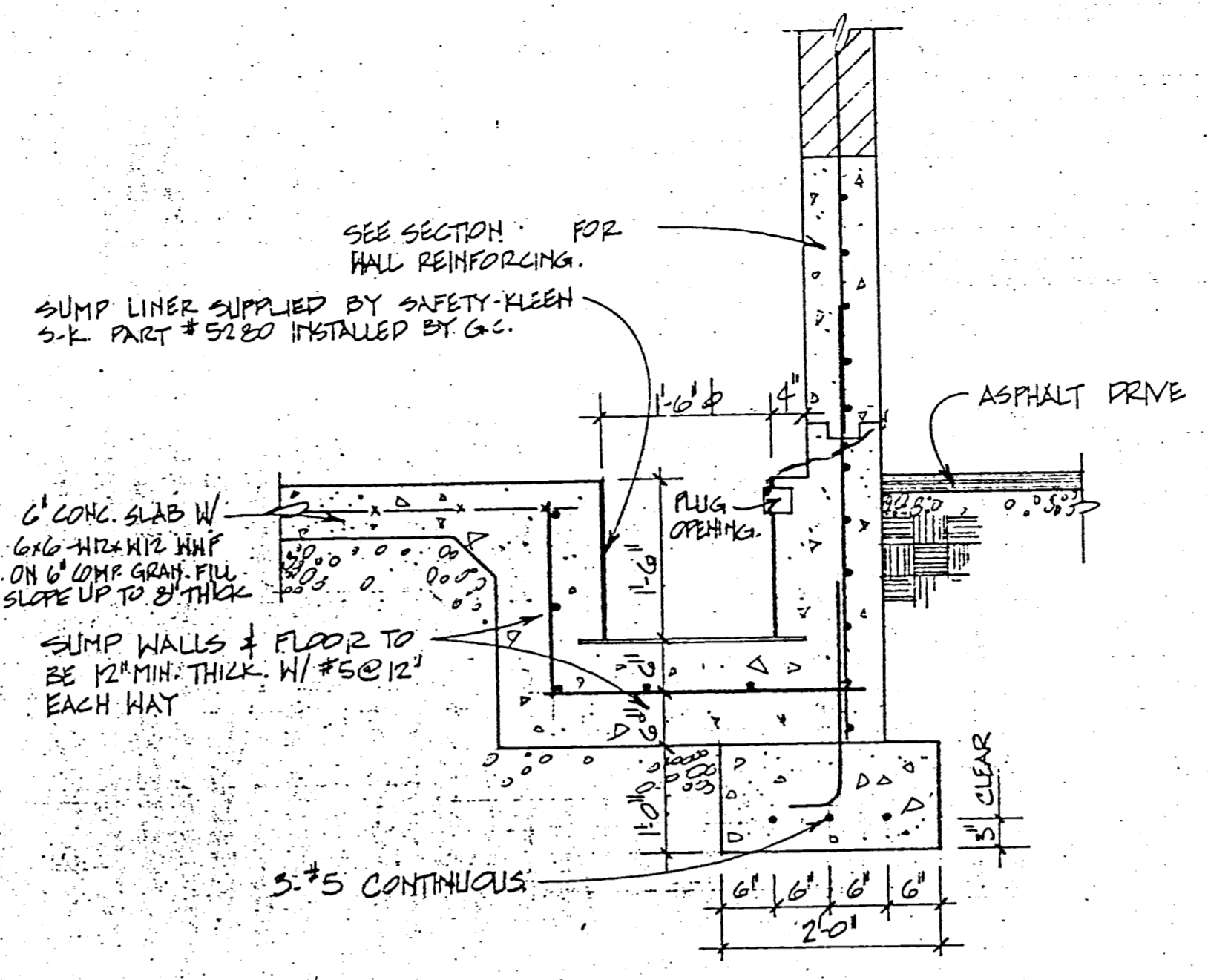
**WIND**  
 BASIC SPEED = 120 MPH  
 BASIC PRESSURE = 29 PSF (UP TO 30' HIGH)

**WALLS**  
 0.8(24) = 23.2 PSF (NORMAL TO WALL)  
 -0.5(24) = 14.5 PSF (SECTION)

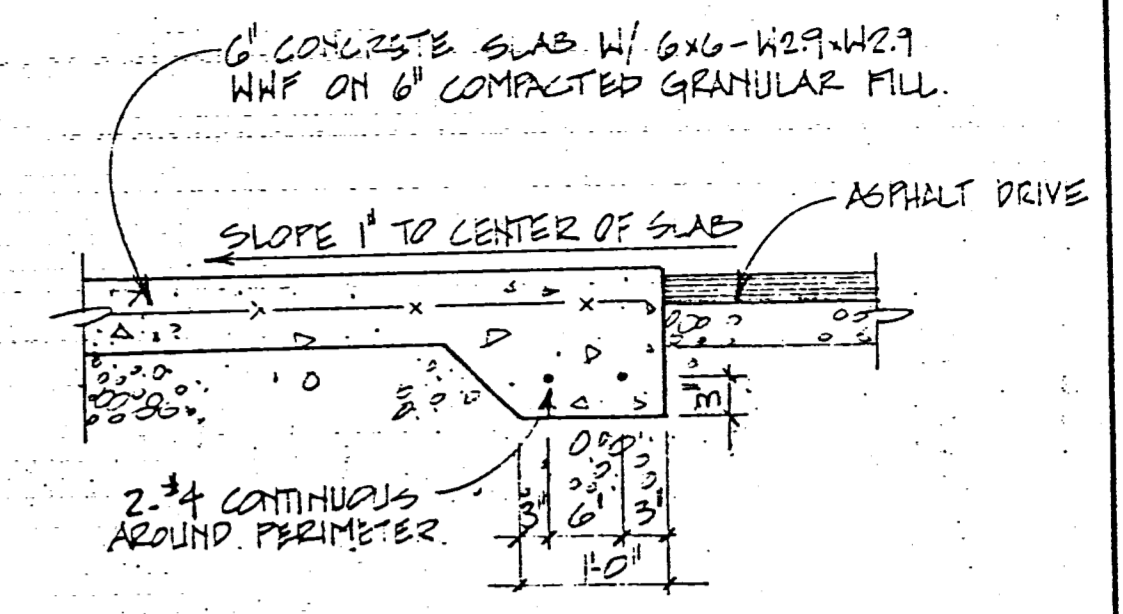
**ROOF**  
 10(24) = 240 PSF UPLIFT.

**DIKE VOLUME CALC**

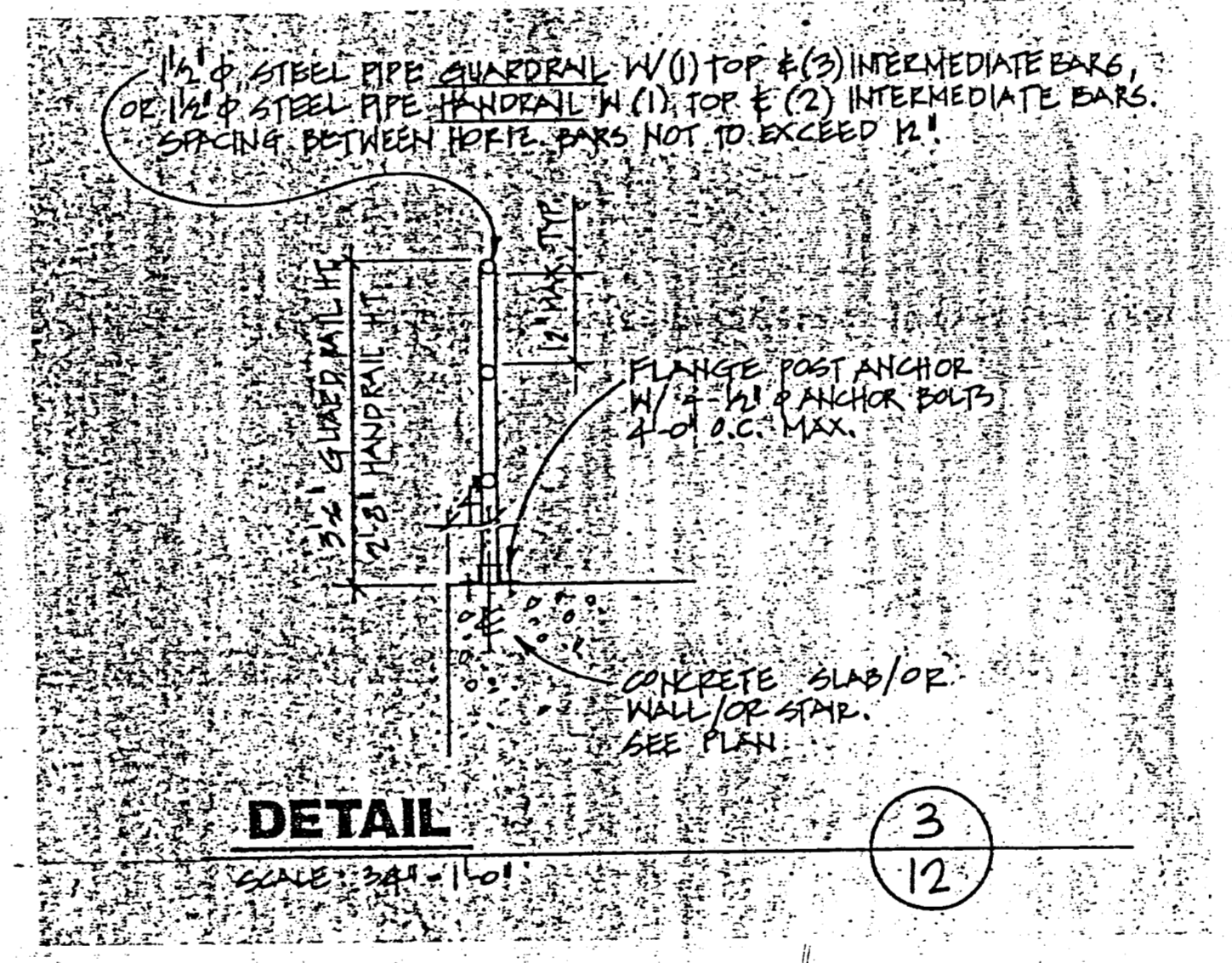
DIKE VOLUME:  $(71'-0" \times 32'-4" \times 3'-0") (748) = 51514 \text{ GAL (+)}$   
 TANK DISPLACEMENT VOLUME: 2-15K & 1-20K  
 AREA OF SEGMENT (A) = LENGTH OF TANK  
 $A = R^2 \cos^{-1} \frac{h}{R} - h \sqrt{R^2 - h^2}$   
 $R = 6'-0"$   
 $h = (3'-0") - (0'-6") = 2'-6"$   
 $d = (6'-0") - (2'-6") = 3'-6"$   
 $A = 17.032 \text{ FT}^2$   
 - 2-15K DISPLACEMENT:  $(17.032 \text{ FT}^2) (2 \text{ TANKS}) (18'-0" \times 748) = 4586 \text{ GAL (-)}$   
 - 1-20K DISPLACEMENT:  $(17.032 \text{ FT}^2) (1 \text{ TANK}) (24'-0" \times 748) = 3057 \text{ GAL (-)}$   
 STAIR DISPLACEMENT:  $748 (0'-6" \times 1'-0") (3'-6" \times 15") + (3'-0") (5'-4") (3'-6") = 615 \text{ GAL (-)}$   
 VOLUME OF LARGEST TANK - 20K  
 TOTAL EXCESS - 23256 GAL (-)



**SECTION 1**  
SCALE: 3/4" = 1'-0"

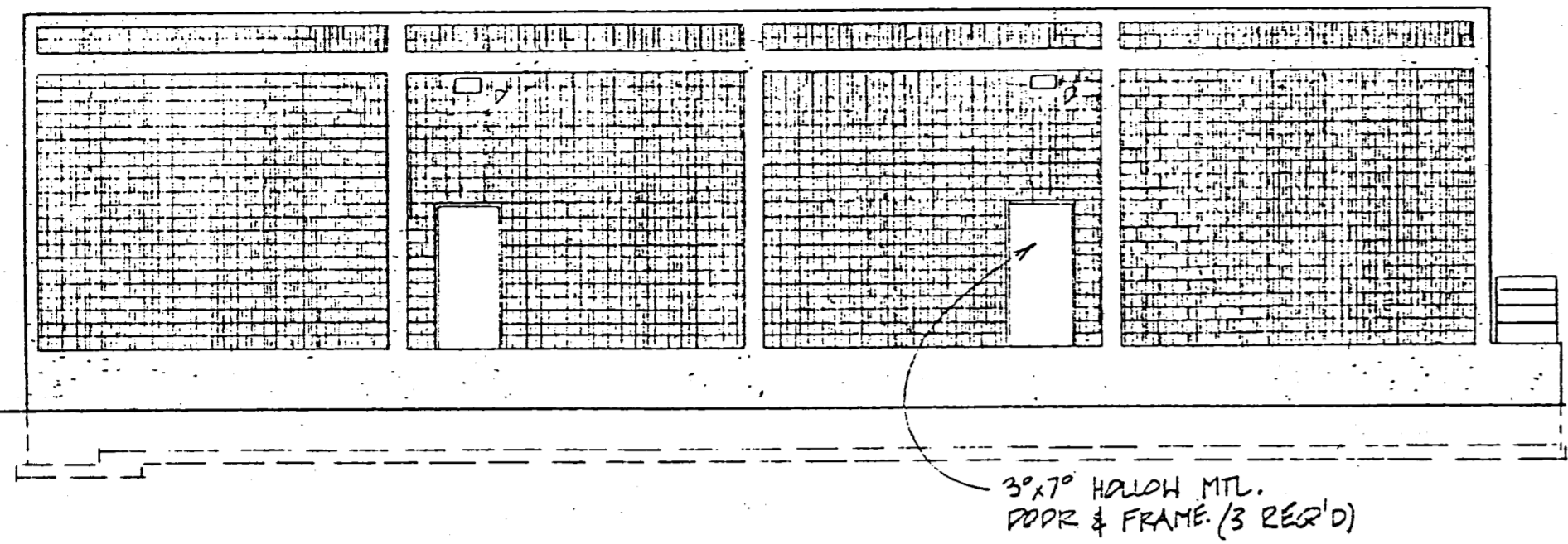


**SECTION 2**  
SCALE: 3/4" = 1'-0"

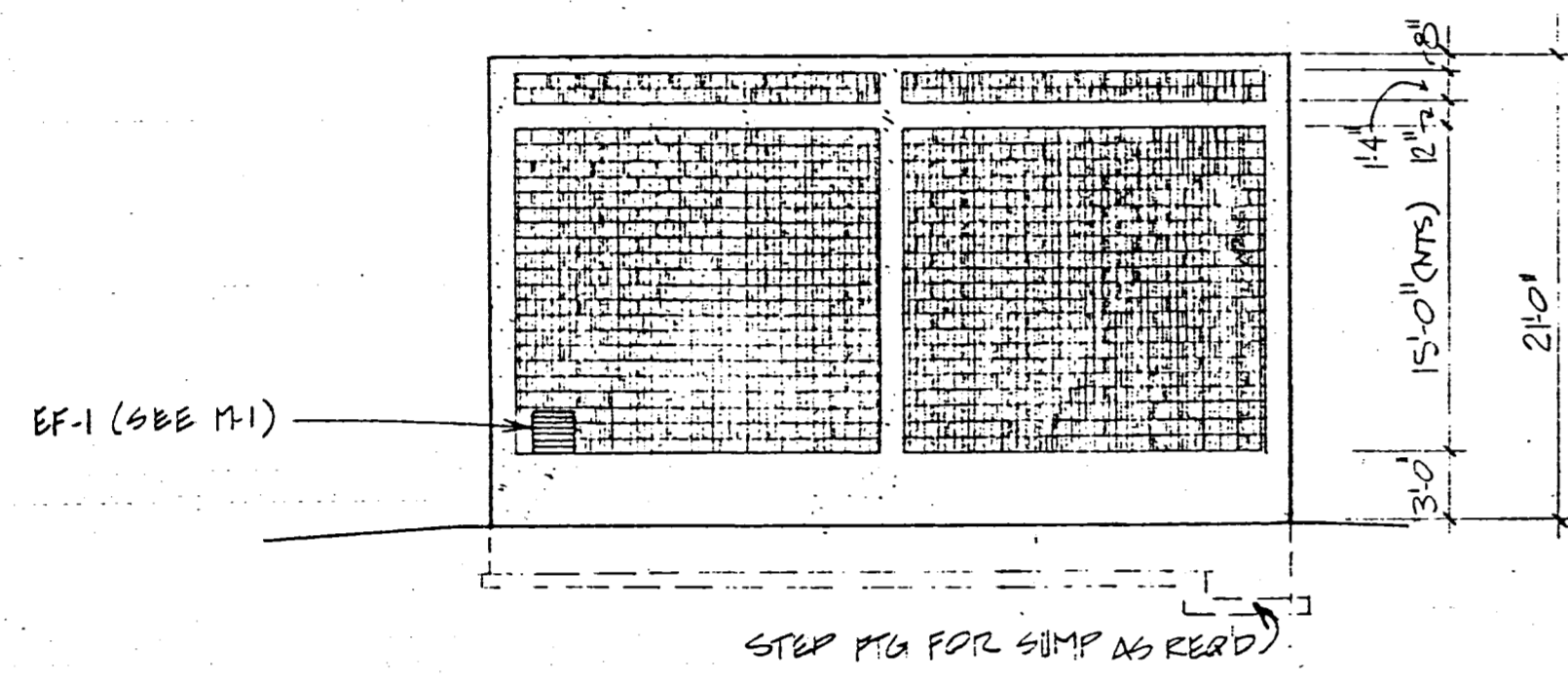


**DETAIL 3**  
SCALE: 3/4" = 1'-0"

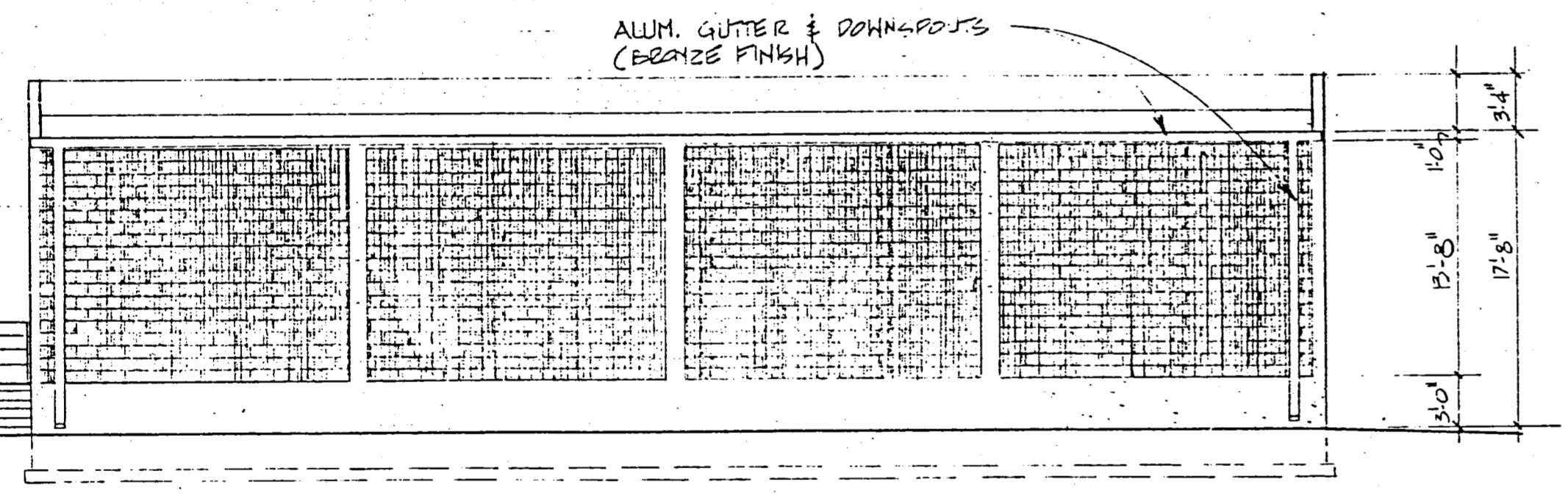
<b>Safety-Kleen Corp.</b> 777 BIG TIMBER ROAD • ELGIN, ILLINOIS 60123 PHONE 312/997-6490	
TANK FARM ENCLOSURE FLOOR PLAN, ROOF FRAMING PLAN	
DATE: 11-22-89 DRAWN BY: [Signature] CHECKED BY: [Signature]	<b>12</b> REVISIONS: 1. AS NOTED 2. ADDED DIKE VOL. CALC.
FOR SERVICE CENTER BRANCH: SECTION BEACH (3.047-01)	



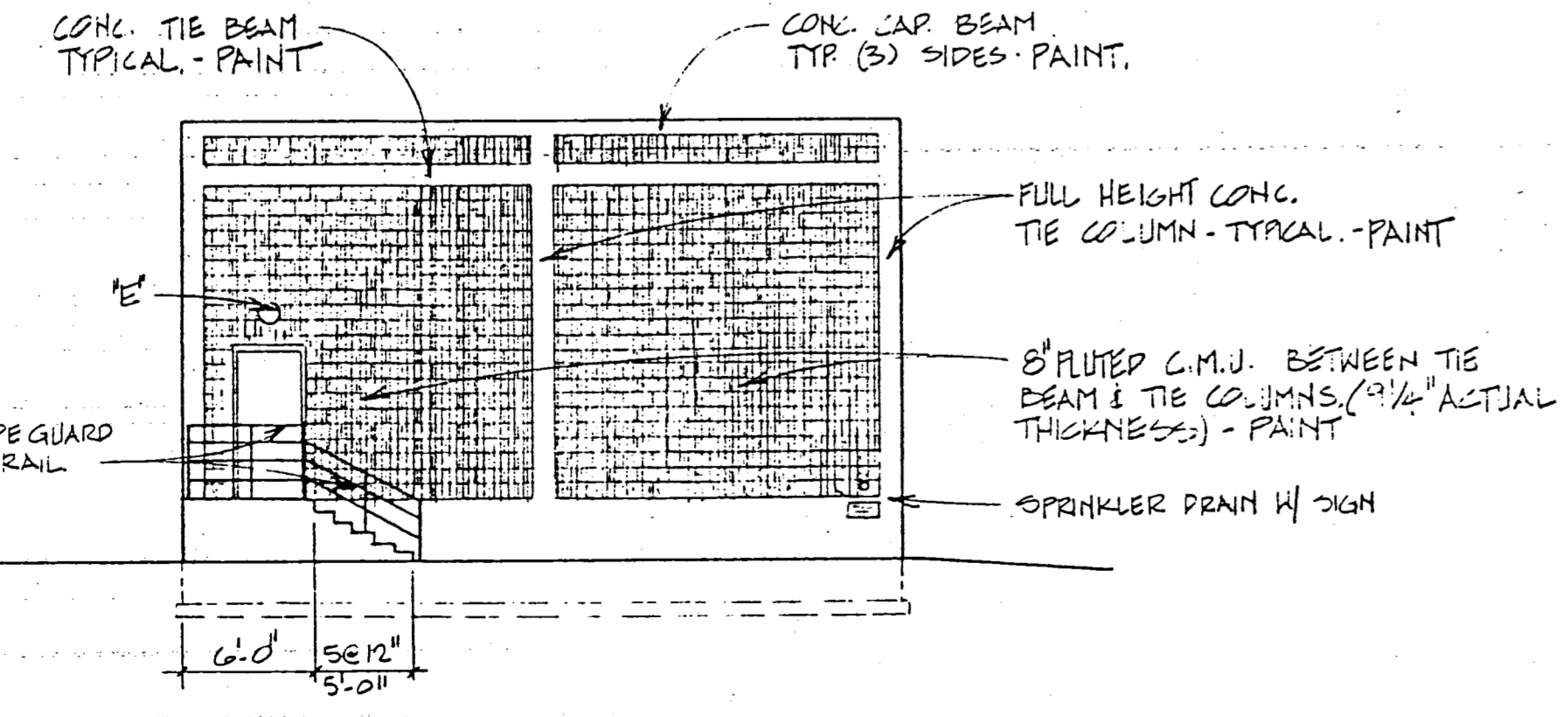
**SOUTH ELEVATION**  
SCALE: 1/8" = 1'-0"



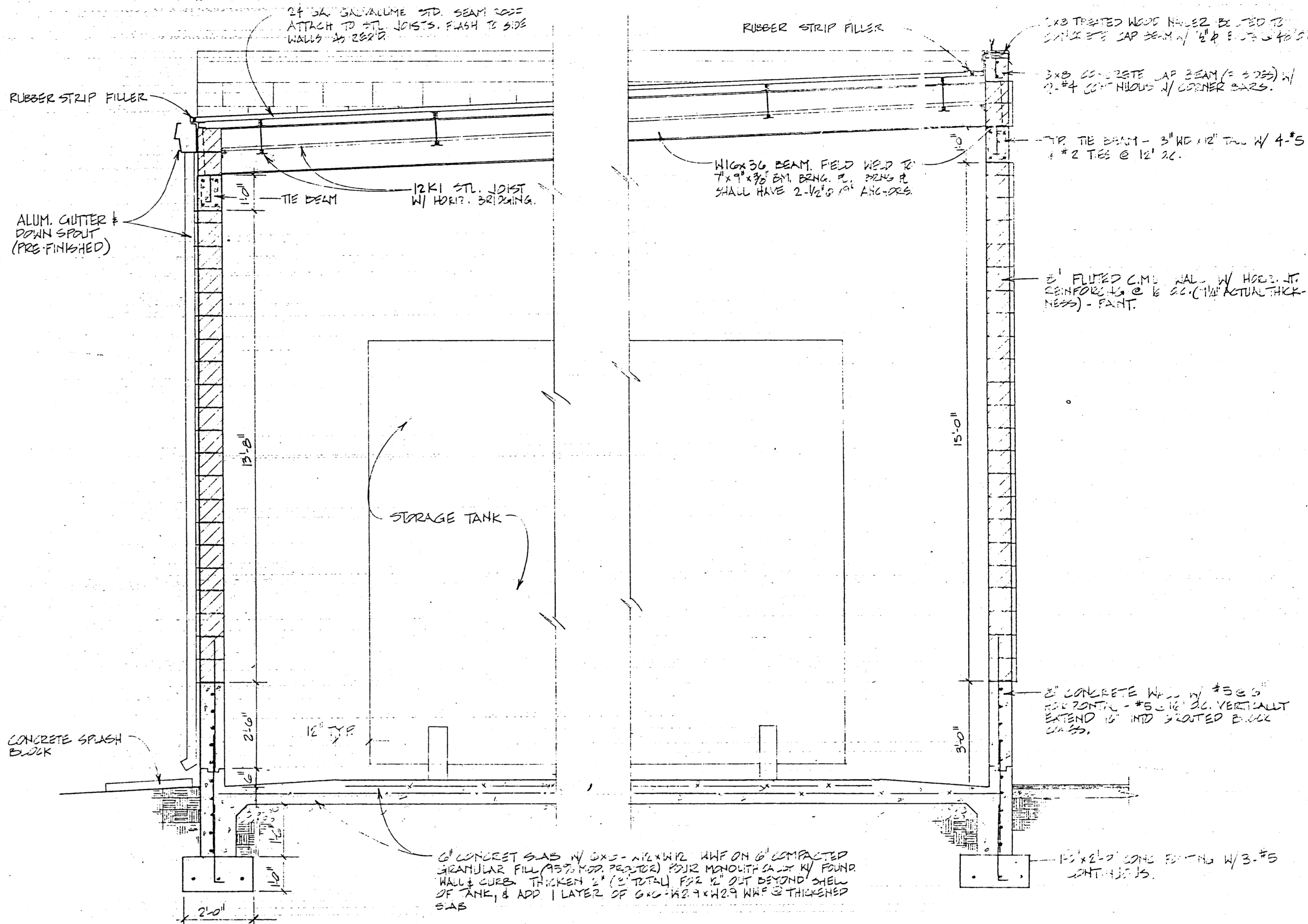
**WEST ELEVATION**  
SCALE: 1/8" = 1'-0"



**NORTH ELEVATION**  
SCALE: 1/8" = 1'-0"



**EAST ELEVATION**  
SCALE: 1/8" = 1'-0"



**SECTION**  
SCALE: 1/2" = 1'-0"

13

777 B-3 TIMBER ROAD • ELGIN, ALABAMA 36023      PHONE 312/697-8460			
<b>TANK FARM ENCLOSURE ELEVATIONS &amp; BUILDING SECTION</b>			
SCALE	DATE	REVISIONS	BY DATE
1/8" = 1'-0"	11/22/83		
1/8" = 1'-0"	11/22/83		
1/8" = 1'-0"	11/22/83		
FOR SERVICE CENTER BRANCH BAYTON BEACH, FL (304) 975-0101			<b>13</b> DIB293



# SAFETY-KLEEN SERVICE CENTER AT BOYNTON BEACH

## DEVELOPMENT PLANS

**SECTION 20  
TOWNSHIP 45 SOUTH  
RANGE 43 EAST**



**VICINITY SKETCH**

### INDEX OF SHEETS

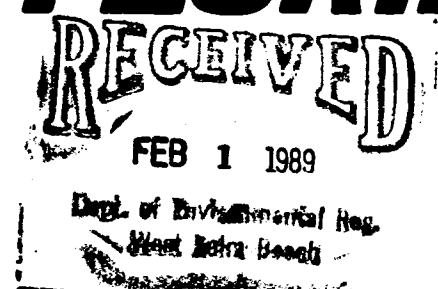
Sheet no.	Description
1	COVER SHEET
2	PAVING AND DRAINAGE PLAN
3	DRAINAGE AREA MAP
4	PAVING AND DRAINAGE DETAILS
5	DIMENSION CONTROL PLAN
6	EXISTING TOPO PLAN

**PREPARED FOR:**

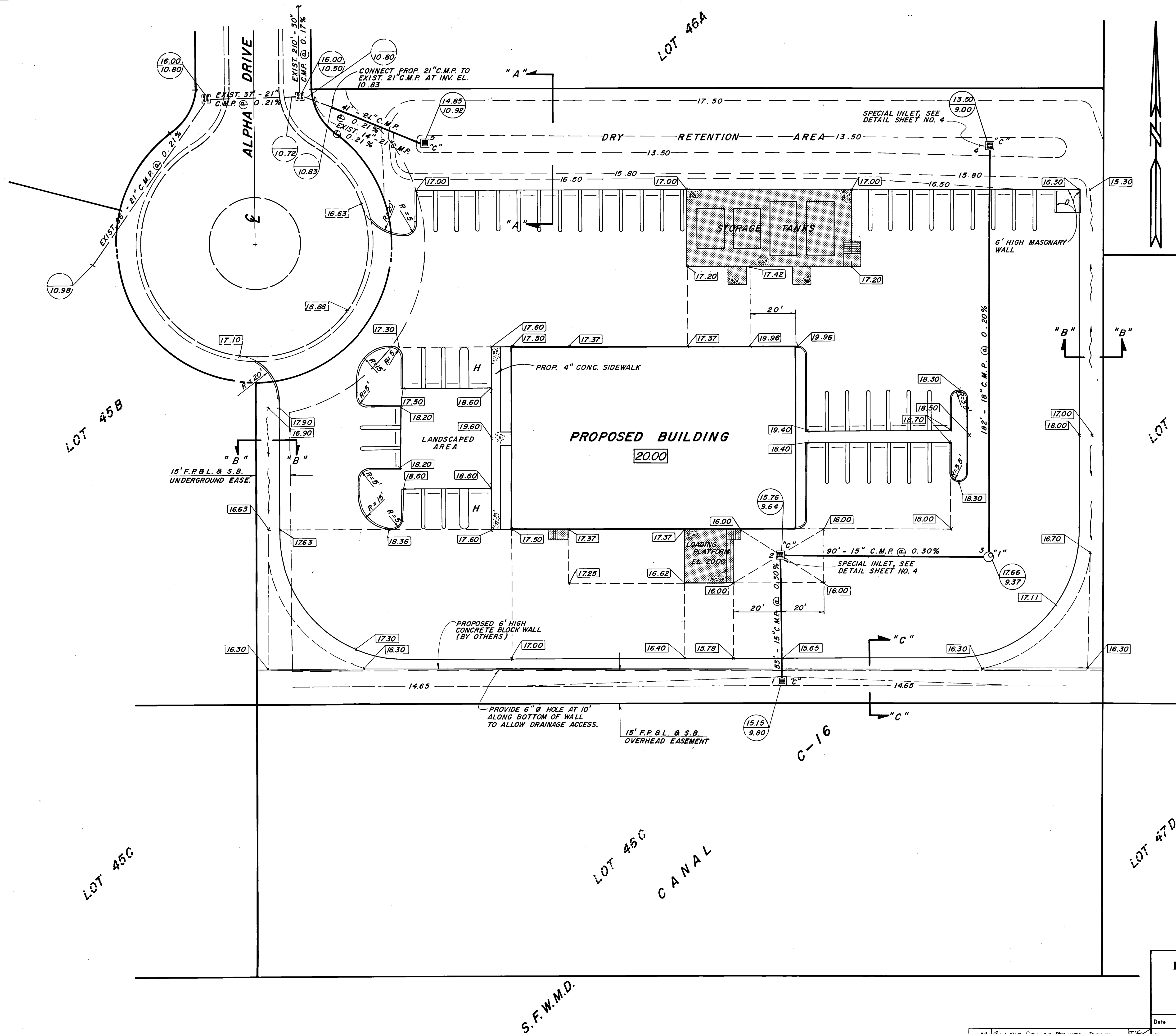
**S safety-kleen corp.**

**PAVING & DRAINAGE  
PREPARED BY:**

**ROSSI AND MALAVASI  
ENGINEERS, INC.  
1675 PALM BCH. LAKES BLVD.  
WEST PALM BEACH, FLORIDA  
33401  
PHONE: 689-0554**



JAN 26 1989



NOTES:

1. THE MINIMUM FINISH FLOOR ELEVATION FOR ANY RESIDENTIAL STRUCTURE SHALL BE SET AT OR ABOVE ELEVATION 20.00 M.S.L. WHICH IS ABOVE THE PROJECTED FLOOD STAGE PRODUCED BY THE ONE IN ONE HUNDRED YEAR FREQUENCY STORM. (SEE DRAINAGE AREA MAP).
2. ALL DIMENSIONS SHOWN ON THESE DRAWINGS ARE SCALED DISTANCES. THE CONTRACTOR SHALL CONFIRM ALL MEASUREMENTS IN THE FIELD AND NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCY WITH THE DRAWINGS PRIOR TO PERFORMING THE WORK. ALL QUANTITIES SHALL BE PAID ON THE BASIS OF FIELD MEASUREMENTS OF COMPLETED WORK.
3. C.M.P. MEANS CORRUGATED STEEL PIPE BITUMASTIC COATED.
4. ALL METAL PIPE TO BE INSTALLED JOINT FREE. ANY NECESSARY JOINTS ARE TO BE MADE USING A 12" WIDE BAND WITH MASTIC OR NEOPRENE GASKET PROVIDING WATER TIGHT JOINTS.
5. ALL PAVING AND DRAINAGE WORK TO BE CONSTRUCTED IN FULL ACCORDANCE WITH CITY OF BOYNTON BEACH SUBDIVISION AND PLATTING REGULATION ORD. NO. 77-36.
6. ALL LOTS, ROADWAYS AND BORROW AREAS SHALL BE STRIPPED OF ALL DELETERIOUS (UNSUITABLE) MATERIALS AND MATERIALS SHALL BE DISPOSED WITHIN THE SITE.
7. ALL GRADING OF STREETS, INCLUDING THE REMOVAL OF ALL MATERIALS, AND THE FINISHING OF ALL SHOULDERS, SUB-GRADE PREPARATION, SHALES AND BACKSLOPES, IN ACCORDANCE WITH THE TYPICAL SECTIONS SHOWN HEREON SHALL BE INCLUDED IN THE BID PRICE FOR PAVING.
8. ANY EXISTING ROADWAY AND/OR UTILITY THAT IS DAMAGED BY THE CONTRACTOR SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER.
9. ANY MUCK POCKET IS TO BE REMOVED COMPLETELY FROM THE CENTERLINE TO 10' BEYOND THE PAVEMENT ON EACH SIDE.
10. ANY GUMBO ENCOUNTERED TO BE REMOVED WITHIN THE ROADWAY 1.0' BELOW SUBGRADE TO OUTSIDE EDGE OF SHOULDERS.
11. THE CITY OF BOYNTON BEACH SUBDIVISION AND PLATTING REGULATION ORD. NO. 77-36 AS AMENDED AND ADOPTED BY THE CITY COUNCIL OF THE CITY OF BOYNTON BEACH SHALL GOVERN EXCEPT AS NOTED ON THESE PLANS.
12. THE SEQUENCE OF CONSTRUCTION SHALL BE SUCH THAT ALL UNDERGROUND INSTALLATION OF EVERY KIND THAT WILL BE BENEATH THE PAVEMENT CURRENTLY TO BE CONSTRUCTED SHALL BE INSTALLED PRIOR TO THE COMPACTION OF SUBGRADE.
13. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS ON ALL PIPE, PIPE BANDS, DRAINAGE STRUCTURES, GRATES, FRAMES AND COVERS.
14. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE LOCATION OF EXISTING UTILITIES WHETHER SHOWN ON OR NOT SHOWN ON THESE DRAWINGS AND SHALL VERIFY ALL ELEVATIONS BEFORE STARTING CONSTRUCTION.
15. STOP SIGNS AND STREET SIGNS SHALL BE PROVIDED AT ALL INTERSECTIONS TO CONFORM TO CITY OF BOYNTON BEACH STANDARDS.
16. STREET MARKINGS AND TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS AND THE REQUIREMENTS OF THE CITY OF BOYNTON BEACH.

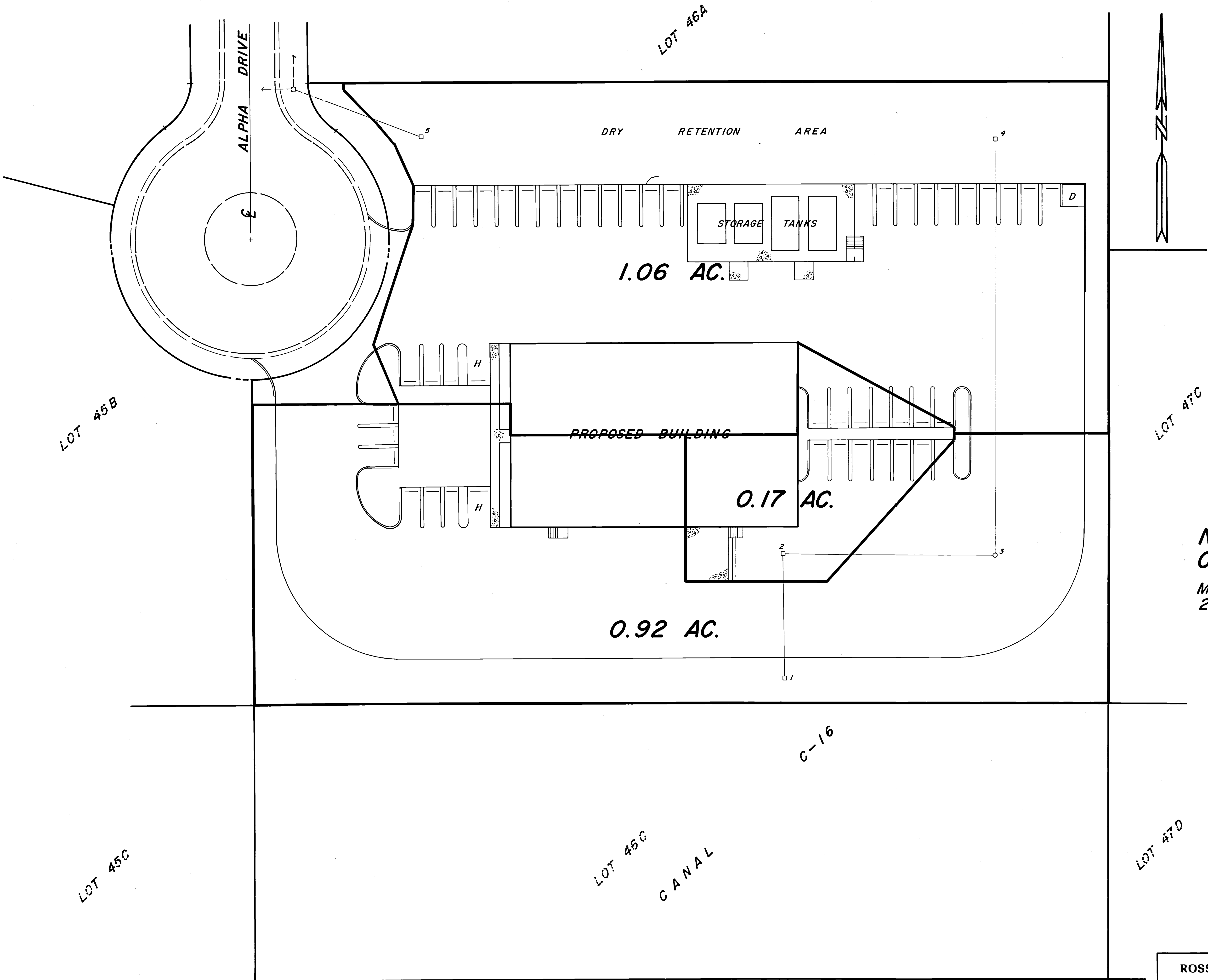
LEGEND

- STORM INLET B LOCATION
- 24" C.M.P. @ 0.20% STORM PIPE, SIZE B SLOPE
- TOP ELEVATION  
INVERT ELEVATION
- PROPOSED PAVEMENT
- PROPOSED ELEVATION
- EXISTING ELEVATION
- DIRECTION OF FLOW
- STOP / STREET SIGN LOCATION
- 20.00 FINISH FLOOR ELEVATION
- NOT PART OF THIS CONTRACT

PAVING AND DRAINAGE PLAN

<b>ROSSI AND MALAVASI</b> ENGINEERS, INC. WEST PALM BEACH, FLORIDA		<b>SAFETY - KLEEN</b> <b>SERVICE CENTER</b> <b>AT BOYNTON BEACH</b> FOR <b>SAFETY - KLEEN CORPORATION</b>	
Date	NOVEMBER, 1988	Designed	S. WEISS
Drawn	T. J. CURBELO	Scale	1" = 20'
Checked		Job No.	3539 - 88
Approved		File No.	S - 1405 - 00
			Sheet
			2 of 6

JAN 26 1989



**NOT TO BE USED FOR  
CONSTRUCTION**  
MINIMUM FINISH FLOOR ELEVATION  
20.00 N.G.V.D.

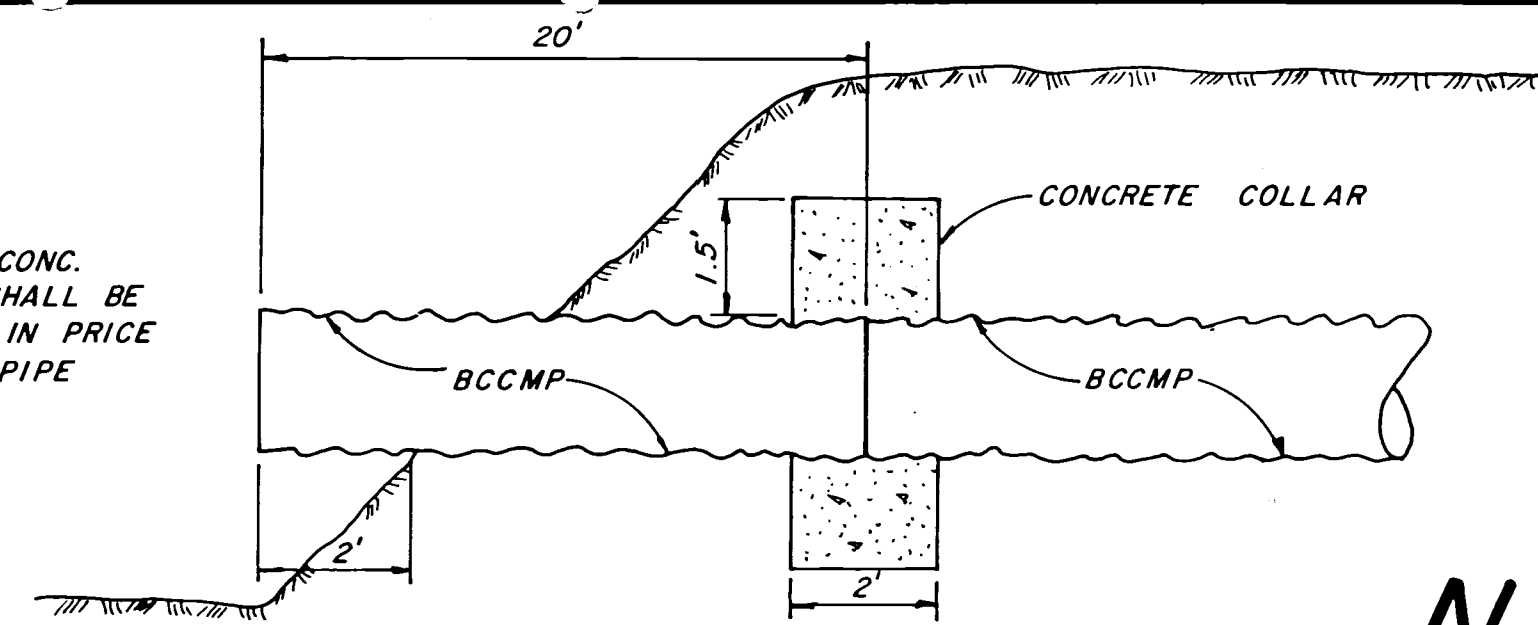
*[Signature]*  
JAN 26 1989

ROSSI AND MALAVASI ENGINEERS, INC. WEST PALM BEACH, FLORIDA		DRAINAGE AREA MAP <b>SAFETY-KLEEN SERVICE CENTER AT BOYNTON BEACH</b> FOR <b>SAFETY-KLEEN CORPORATION</b>	
Date	NOVEMBER, 1988	Designed	S. WEISS
Drawn	T. J. CURBELO	Scale	1" = 20'
Checked		Job No.	3539 - 88
Approved		File No.	S - 1405 - 00
			Sheet <b>3</b> of 6

1-11-89 PER. PER. CITY OF BOYNTON BEACH

S.F.W.M.D.

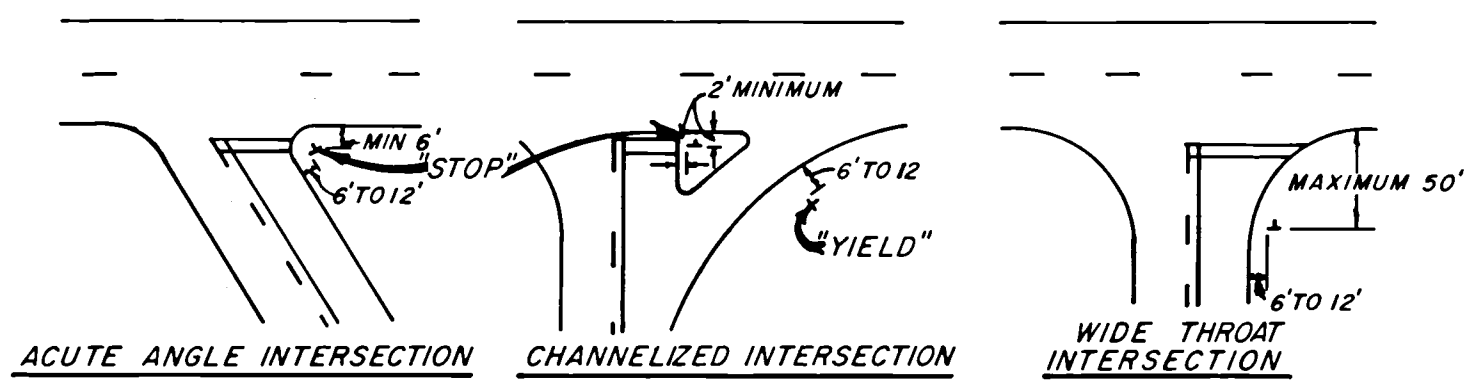
NOTE:  
COST OF CONC. COLLAR SHALL BE INCLUDED IN PRICE BID FOR PIPE



**STORM PIPE DETAIL AT LAKE OUTFALL**

NOT TO SCALE

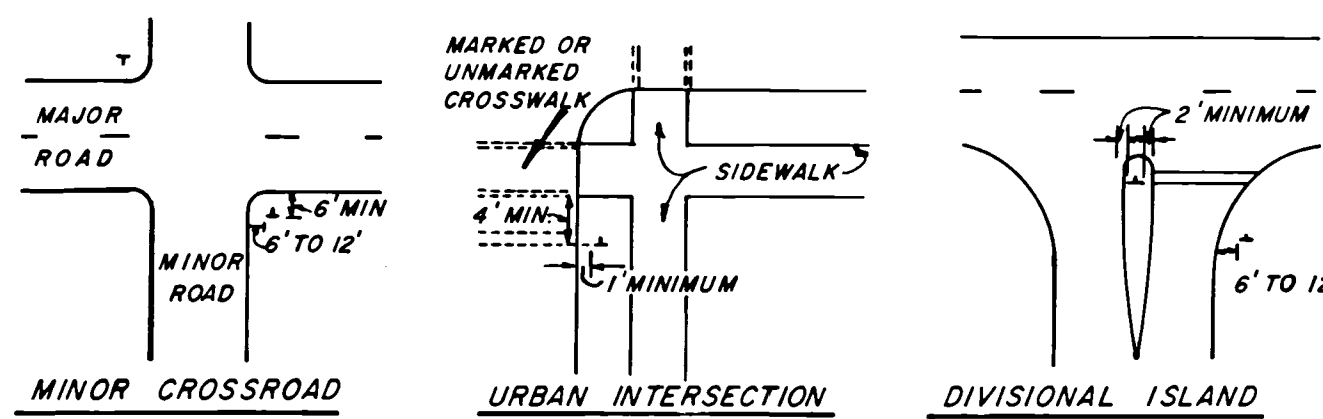
N/A



ACUTE ANGLE INTERSECTION

CHANNELIZED INTERSECTION

WIDE THROAT INTERSECTION



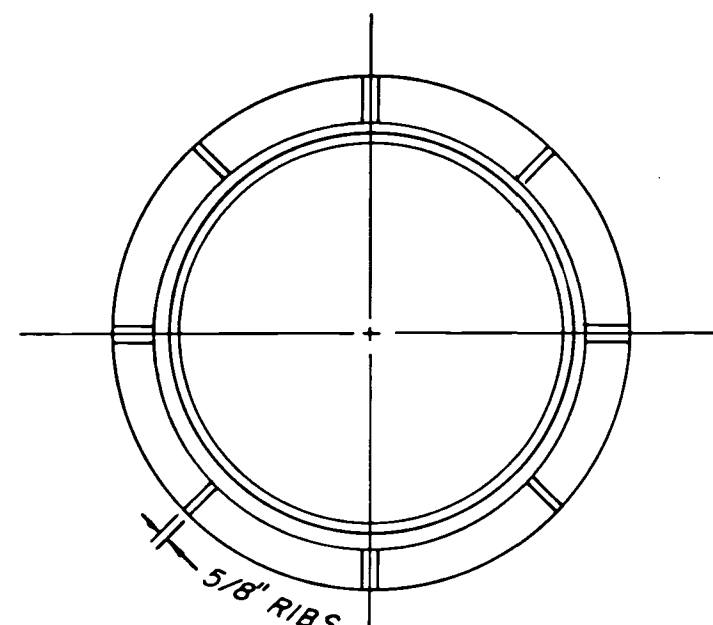
MINOR CROSSROAD

URBAN INTERSECTION

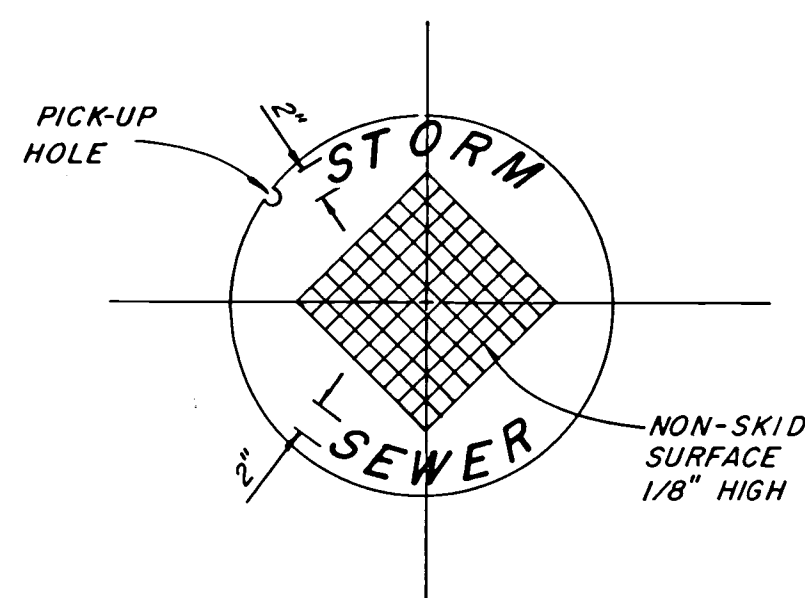
DIVISIONAL ISLAND

**TYPICAL LOCATIONS FOR STOP SIGNS AND YIELD SIGNS**

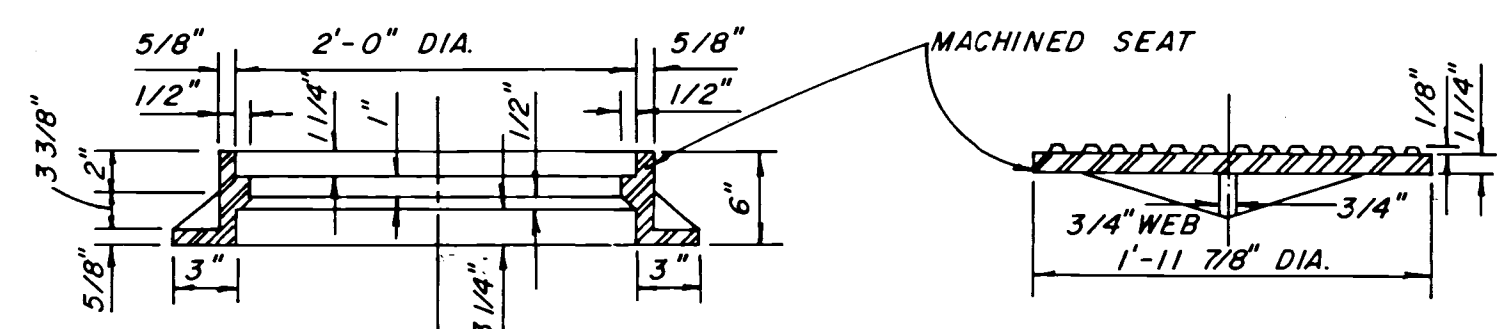
N/A



PLAN-FRAME



PLAN-COVER



SECTION

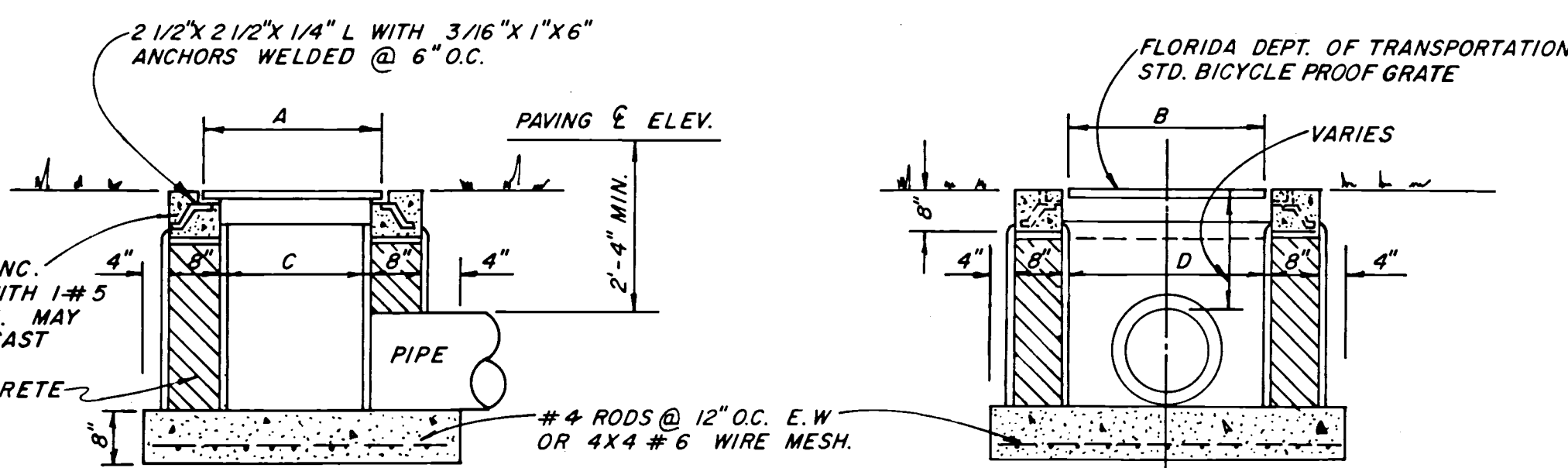
FRAME WEIGHT - 150 LBS.

SECTION

COVER WEIGHT - 140 LBS.

**TYPE "A" FRAME & COVER**

SCALE: 1" = 1'-0"



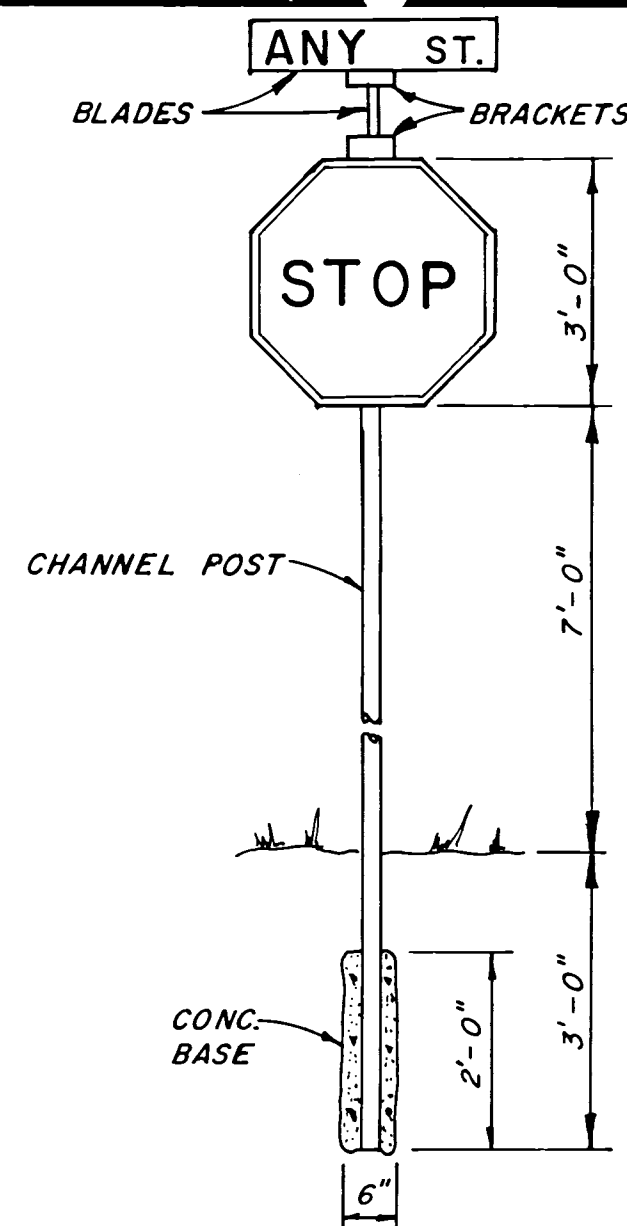
CROSS SECTION

LONGITUDINAL CROSS SECTION

TYPE INLET	A	B	C	D	WEIGHT
C	2'-4"	3'-0"	2'-0"	3'-1"	235 LBS.
E	3'-4"	4'-4"	3'-0"	4'-6"	465 LBS.

**INLET DETAILS**

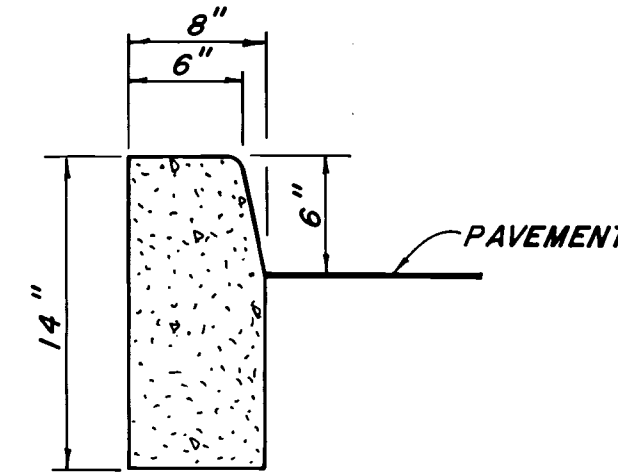
SCALE: 1/2" = 1'-0"



**STREET/STOP SIGN DETAIL**

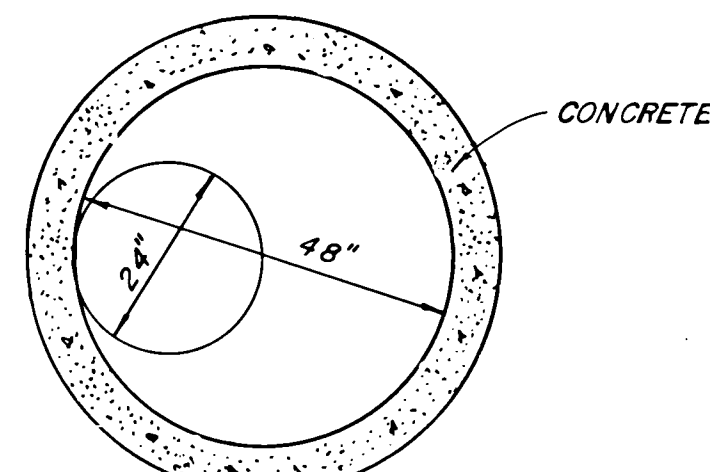
NOT TO SCALE

NOTE: THERE SHALL BE ONE STREET MARKER LOCATED AT EACH INTERSECTION.

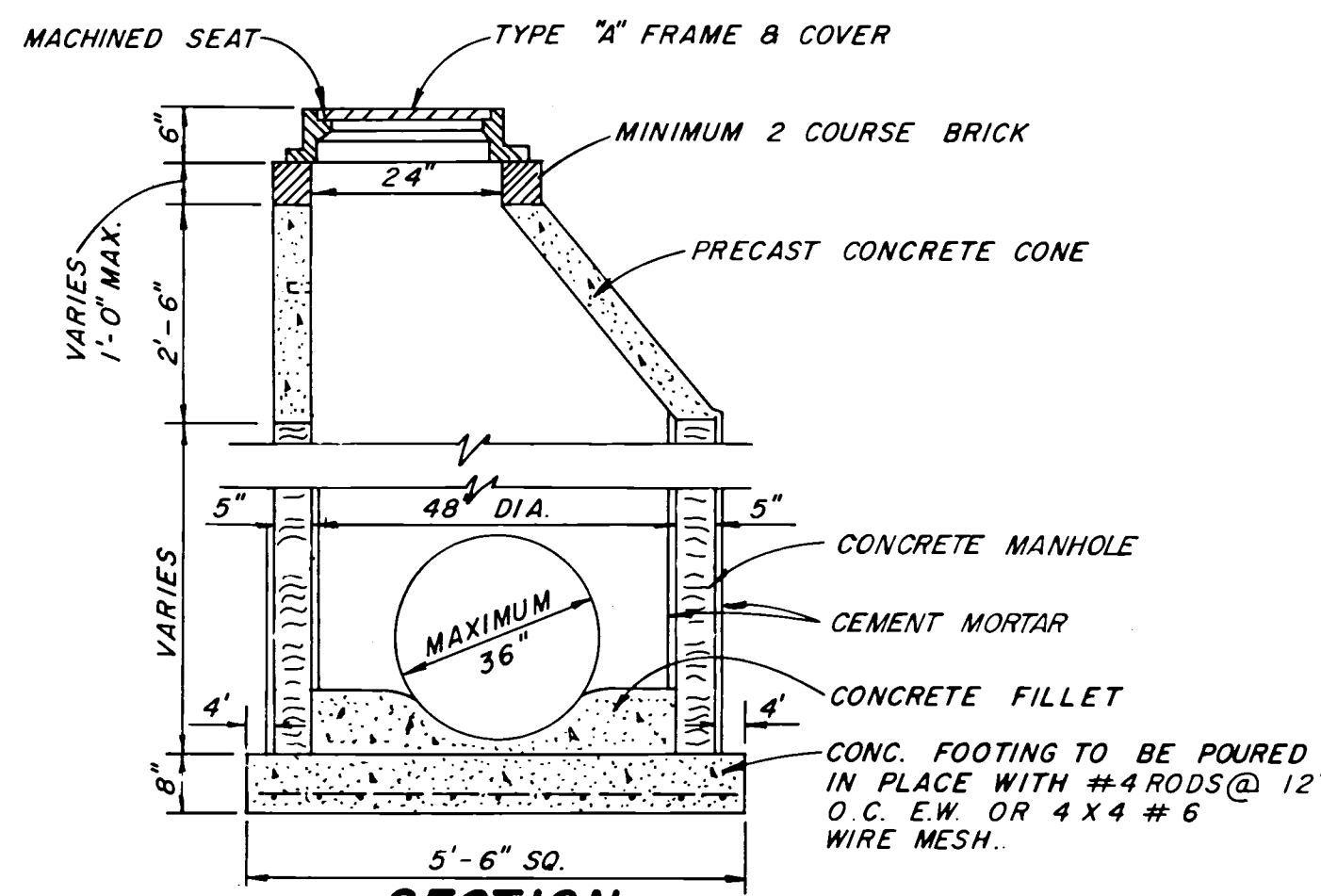


**RAISED CURB DETAIL**

NOT TO SCALE



PLAN



**TYPE I MANHOLE DETAIL**

SCALE 1/2" = 1'-0"

**TYPE II MANHOLE**

N/A

FOR PIPES LARGER THAN 36", MANHOLE SHALL BE CONSTRUCTED SAME AS TYPE "F" INLET BELOW CONCRETE DECK SLAB (SEE DETAIL) MANHOLE TO BE SAME AS TYPE I MANHOLE ABOVE CONC. DECK SLAB.

NOTES:

1. DOUBLE STRIPING IS REQUIRED FOR BOTH STANDARD AND HANDICAPPED PARKING STALLS.
2. MARKINGS SHALL BE FLUSH WITH PAVEMENT.
3. HANDICAPPED PARKING STALL WILL BE OF BLUE PAINT.

**PARKING LOT**

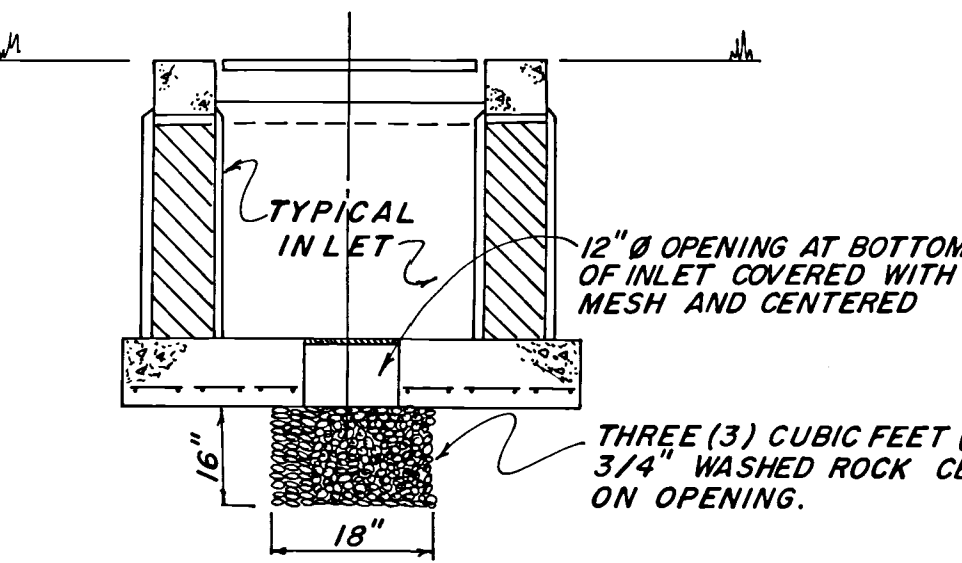
**STRIPING DETAIL**

NOTES:

1. DOUBLE STRIPING IS REQUIRED FOR BOTH STANDARD AND HANDICAPPED PARKING STALLS.
2. MARKINGS SHALL BE FLUSH WITH PAVEMENT.
3. HANDICAPPED PARKING STALL WILL BE OF BLUE PAINT.

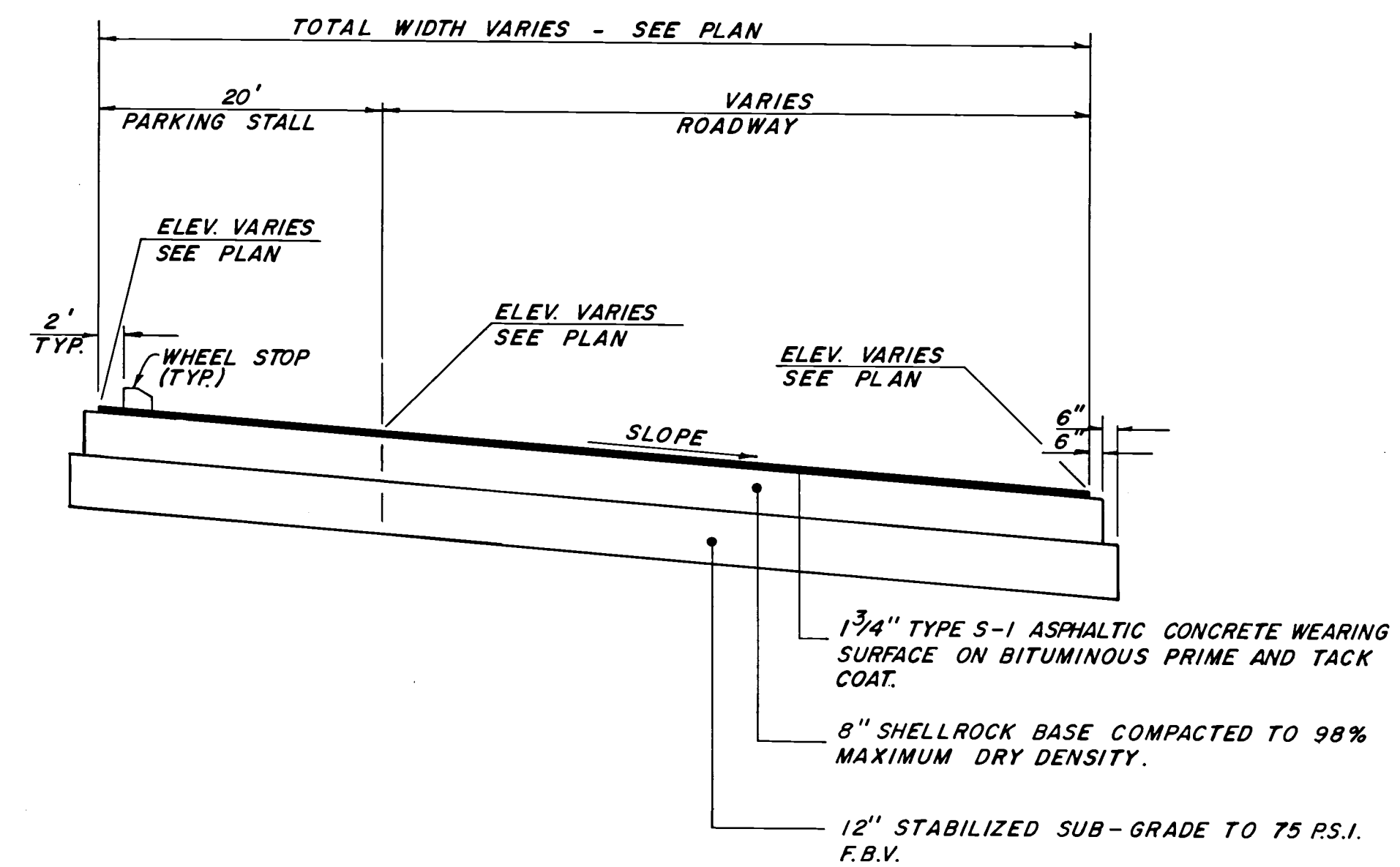
**PARKING LOT**

**STRIPING DETAIL**



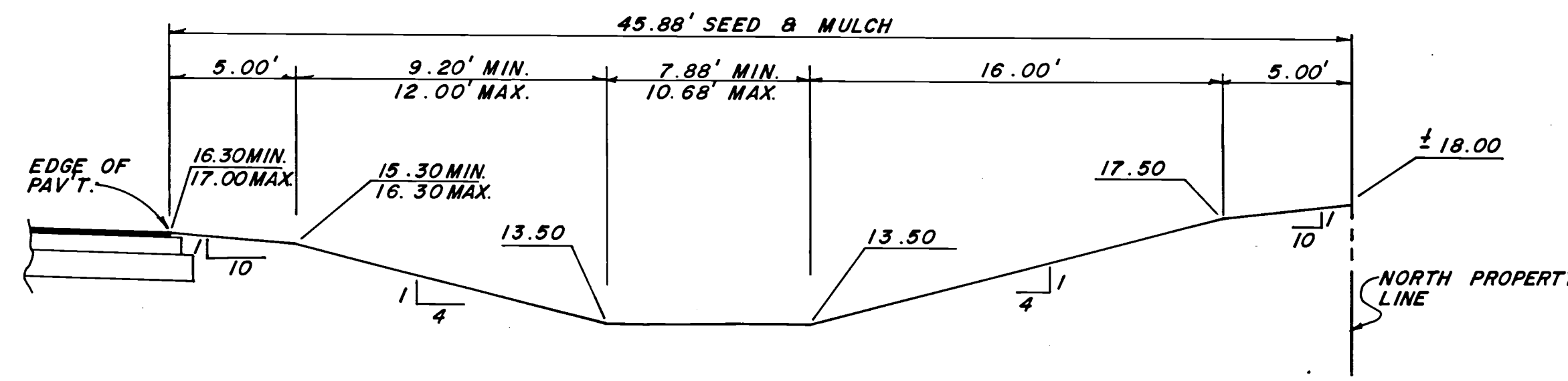
**SPECIAL INLET DETAIL**

N.T.S.



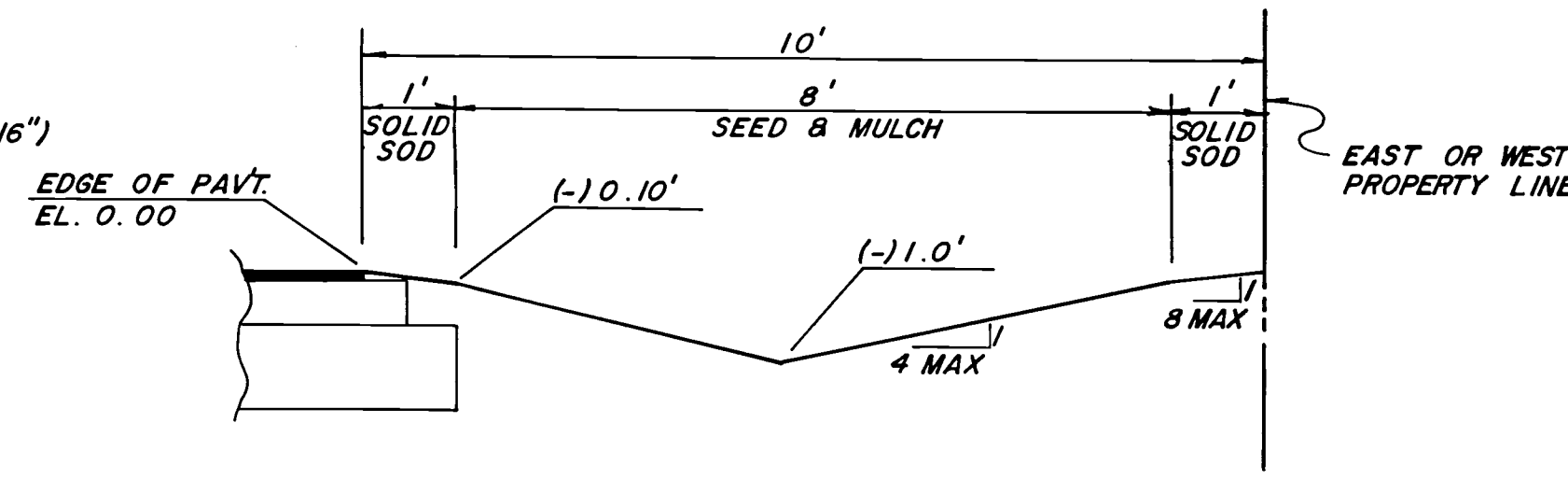
**TYPICAL SECTION - ROADWAY & PARKING AREA**

NOT TO SCALE



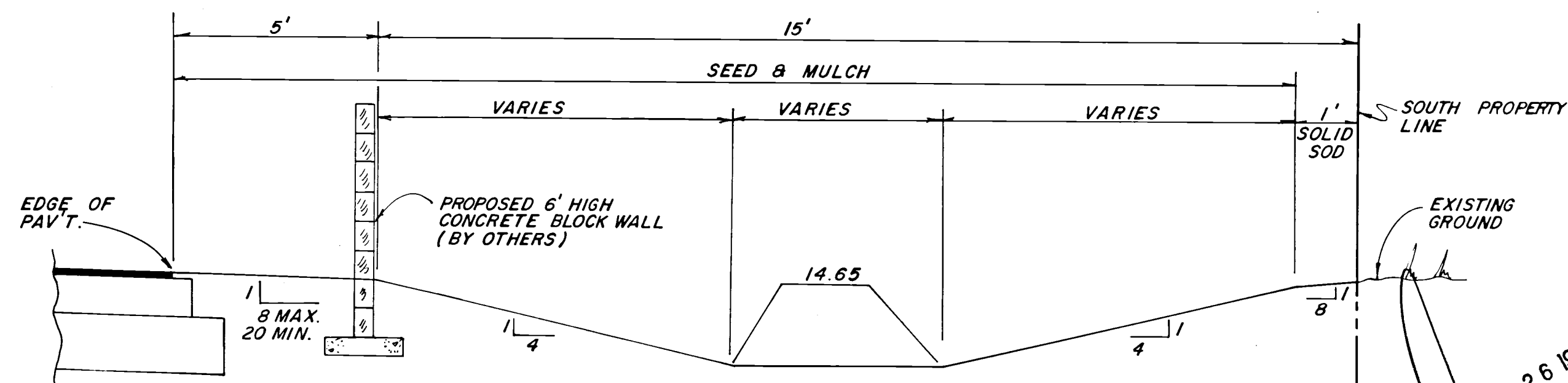
**SECTION "A - A" - TYPICAL DRY RETENTION AREA**

NOT TO SCALE



**SECTION "B - B" - TYPICAL SWALE SECTION**

NOT TO SCALE



**SECTION "C - C"**

NOT TO SCALE

ROSSI AND MALAVASI  
ENGINEERS, INC.  
WEST PALM BEACH,  
FLORIDA

PAVING & DRAINAGE DETAILS

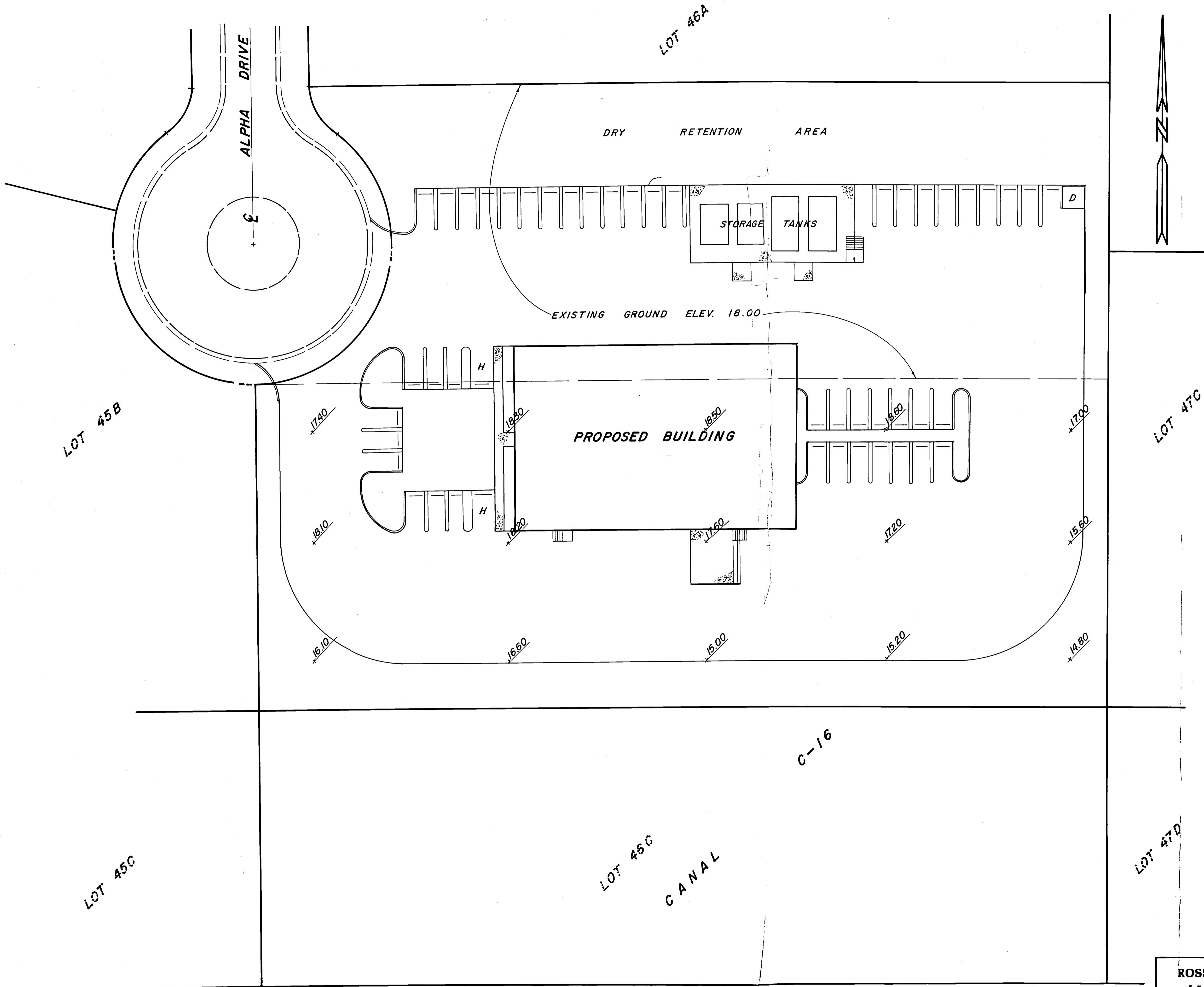
**SAFETY - KLEEN SERVICE CENTER AT BOYNTON BEACH**

FOR SAFETY - KLEEN CORPORATION

Date	NOVEMBER, 1988	Designed	S. WEISS	Scale	1" = 20'	Sheet	4 of 6
Approved		Drawn	D. FREDERICK	Job No.	3539 - 88		
		Checked		File No.	S-1405-00		

JAN 26 1989





JAN 26 1989

EXISTING TOPO PLAN  
**SAFETY-KLEEN  
 SERVICE CENTER  
 AT BOYNTON BEACH**  
 FOR  
**SAFETY-KLEEN CORPORATION**

ROSSI AND MALAVASI  
 ENGINEERS, INC.  
 WEST PALM BEACH,  
 FLORIDA

Date	NOVEMBER, 1988	Designed	S. WEISS	Scale	1" = 20'	Sheet	
Drawn	T.J. CURBELO	Job No.	3539-88	File No.	S-1/3-00	6	of 6
Checked		File No.	S-1/3-00				

S.F.W.M.D.