

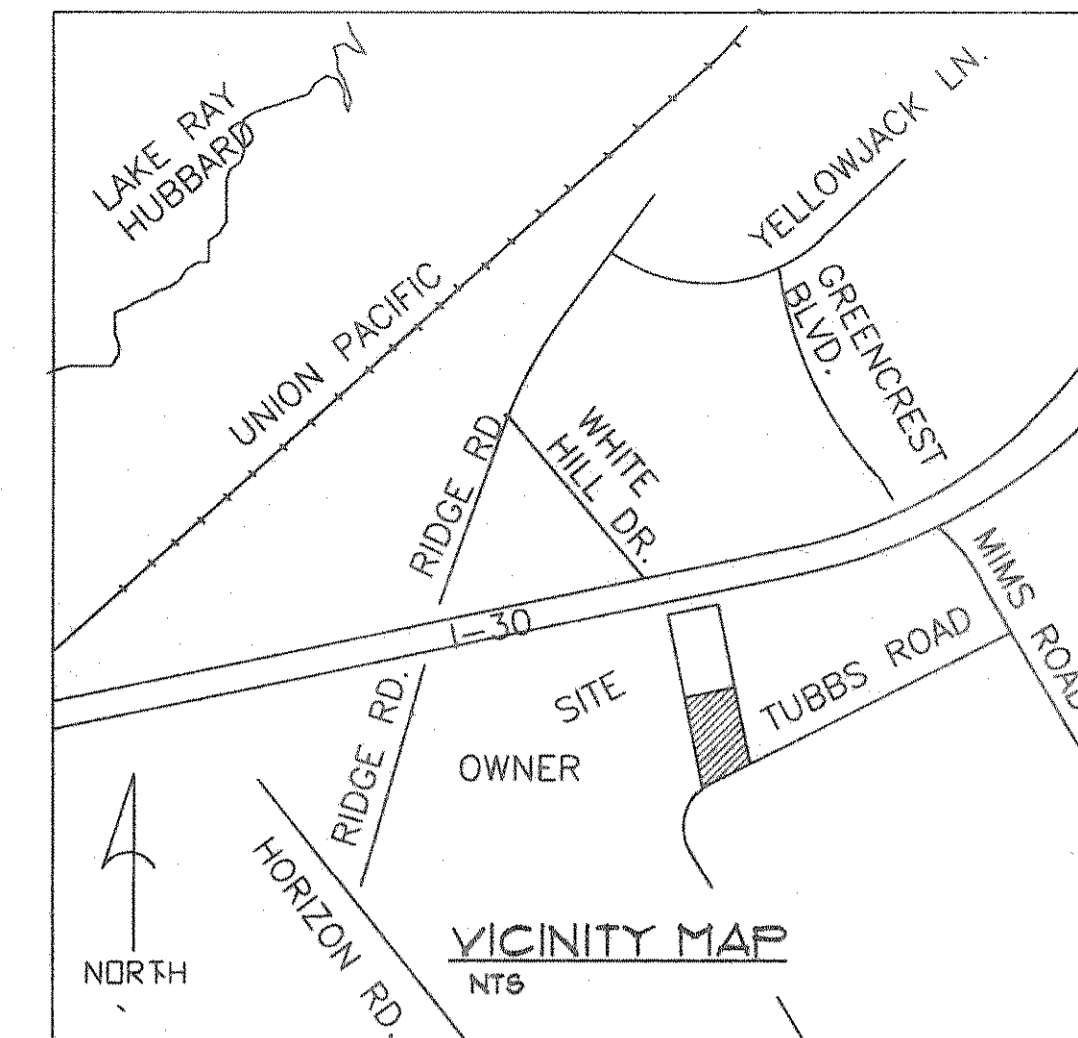
UTILITY, SITE AND LANDSCAPE PLANS

FOR

LAKESIDE BATTING PARK

ADDITION

ROCKWALL, ROCKWALL COUNTY, TEXAS



OWNER

ARCHIE H. UNDERWOOD
801 EAST I-30
ROCKWALL, TEXAS 75087
(214) 722-2791

INDEX

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3	SITE PLAN
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Overturn -
(1) - Landscape irrigation
(2) - grease trap
(3) - water line at top
(4) -

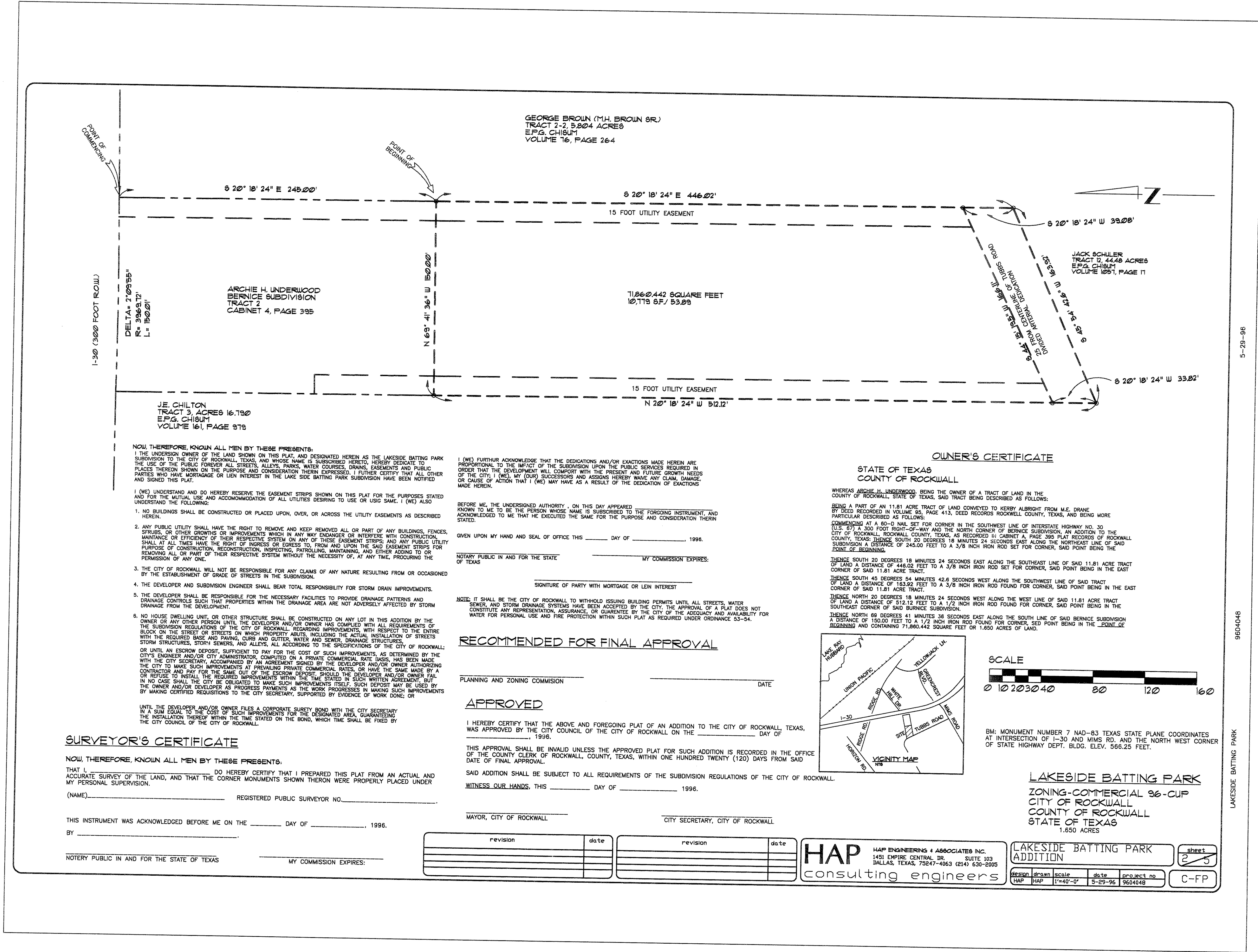
BM: MONUMENT NUMBER 7 NAD-83 TEXAS STATE PLANE COORDINATES
AT INTERSECTION OF I-30 AND MIMS RD. AND THE NORTH WEST CORNER
OF STATE HIGHWAY DEPT. BLDG. ELEV. 566.23 FEET.

revision	date

revision	date

HAP consulting engineers
HAP ENGINEERING & ASSOCIATES INC.
1451 EMPIRE CENTRAL DR. SUITE 103
DALLAS, TEXAS, 75247-4063 (214) 630-2005

LAKE SIDE BATTING PARK				sheet
				1 / 5
design	drawn	scale	date	project no.
HAP	HAP	NTS	4-26-96	9404048
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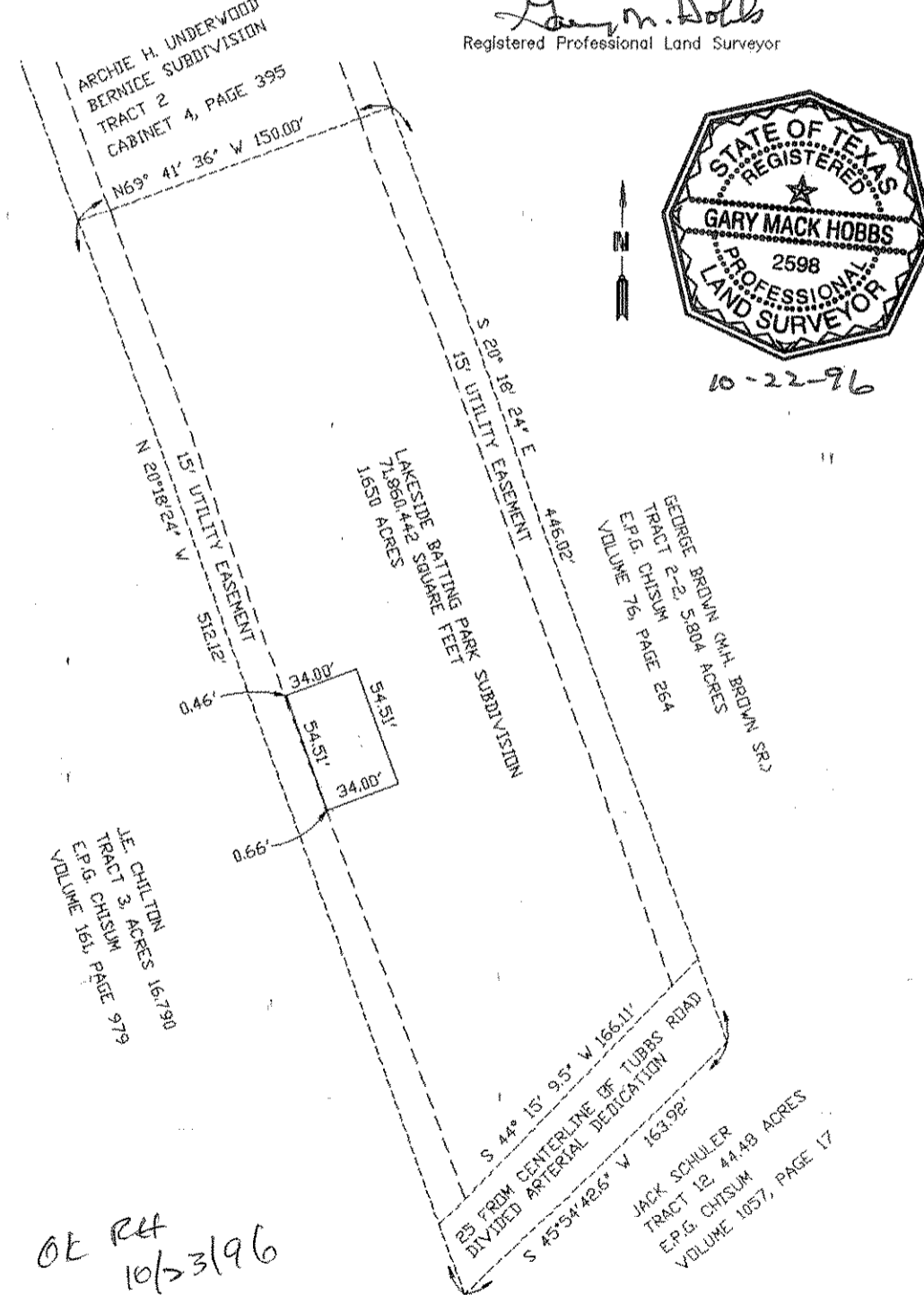
TO ALL PARTIES INTERESTED IN PREMISES SURVEYED:
This is to certify that I have, this date, made a careful and accurate survey on the ground of property located at
No. 801 E/I-30 , in the city of ROCKWALL , Texas, described
as follows:

Dedication Lakeside Batting Park Subdivision
Lakeside Batting Park
 of the City of Rockwall
 Texas, according to the Plot Filed 7/24/96
 Map Records of Rockwall County, Texas and recorded in Cabinet C-349 of the

The plot hereon is a true, correct, and accurate representation of the property as determined by survey, the lines and dimensions of said property being as indicated by the plot; the size, location, and type of building and improvements being within the boundaries of the property, set back from property lines the distances indicated, and that the distance from the nearest intersection street, or road, is as shown on said plot.

THERE ARE NO ENCROACHMENTS, CONFLICTS, OR PROTRUSIONS, EXCEPT

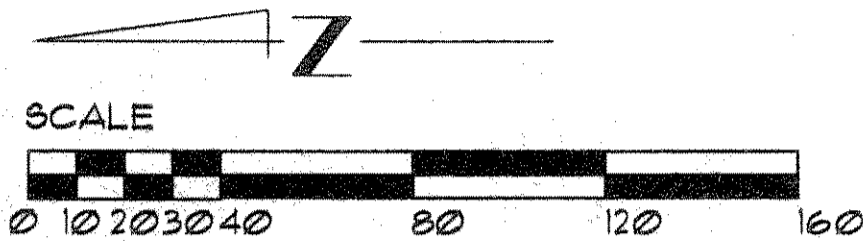
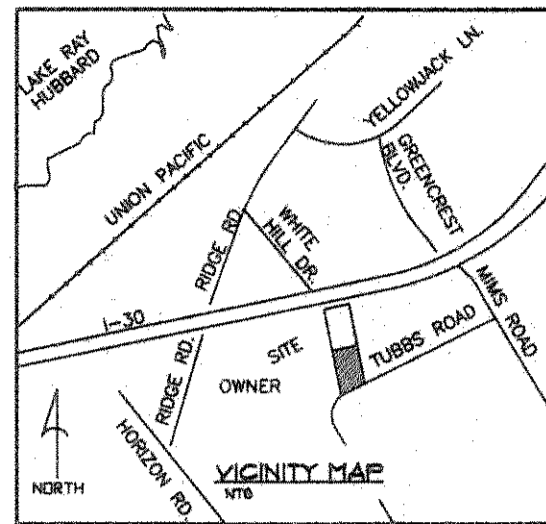
IS, EXCEPT
Henry M. Holls
Registered Professional Land Surveyor



OK R4
10/23/96

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consulting engineers

Scale: NTS Date: 10/22/96
job No.9604048



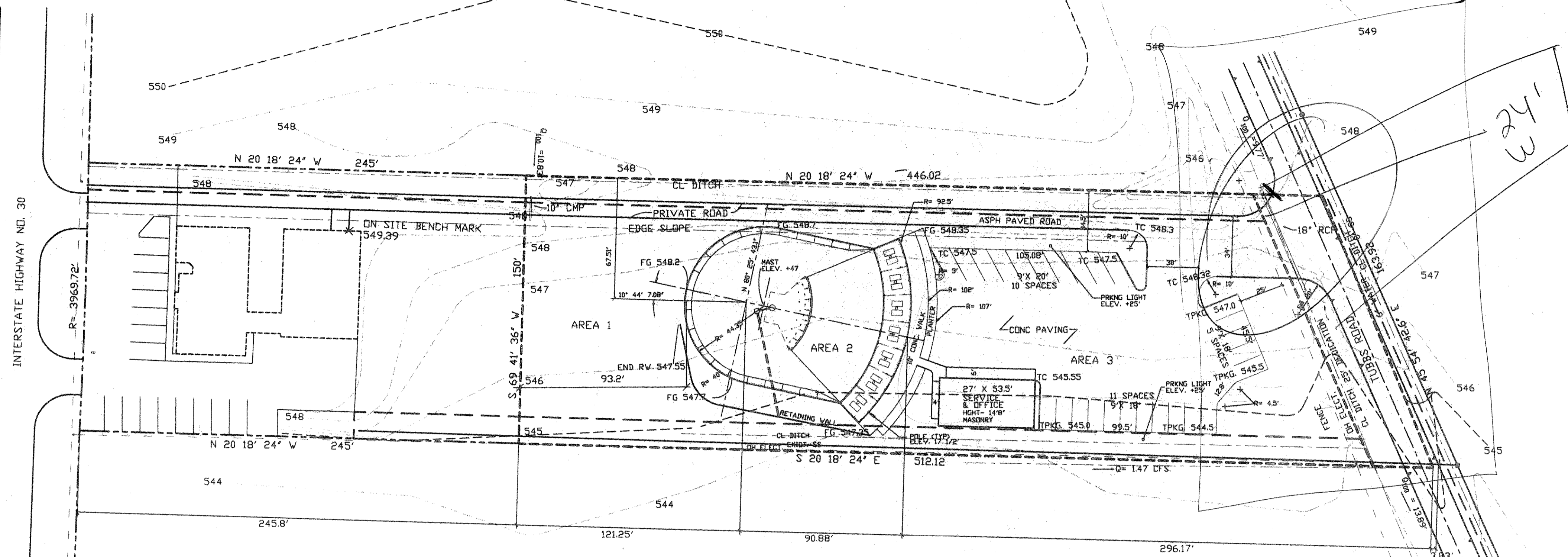
- GENERAL NOTES**
- ALL MATERIAL AND WORKMANSHIP SHALL CONFORM TO CURRENT CONSTRUCTION PRACTICES AND STANDARDS FOR ROCKWALL STANDARD CONSTRUCTION.
 - IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL UTILITIES, MANHOLES, CLEANOUTS, VALVE BOXES, FIRE HYDRANTS, ETC., PRIOR TO AND AFTER THE PLACING OF EXCAVATION.
 - ALL FILL SHALL BE COMPACTED TO A STANDARD PROCTOR DENSITY AT A MAXIMUM OF 4 INCH LIFTS, OR RECOMMENDED BY THE GEOTECHNICAL LABORATORY.
 - THE CONTRACTOR IS RESPONSIBLE TO PRESERVE THE FINAL ALIGNMENT AND GRADE STAKES AS SET BY THE ENGINEER UNTIL THE COMPLETED EXCAVATION IS VERIFIED. IN THE EVENT STAKES ARE LOST THE ENGINEER ACCEPTS NO RESPONSIBILITY FOR ALIGNMENT OR GRADE.
 - PAVING CONTRACTOR SHALL BE RESPONSIBLE FOR FOLLOWING ALL A.A.A. CURBING REGULATIONS AT ALL STREET INTERSECTIONS.
 - CONTACT THE ENGINEER 48 HOURS (TWO WORKING DAYS) PRIOR TO BEGINNING EXCAVATION.
 - STREET ELEVATIONS SHOWN ARE PROPOSED TOP OF CURB ELEVATIONS UNLESS OTHERWISE NOTED.
 - PAVEMENT THICKNESS AND STRENGTH:
C = 3,000 P.S.I. COMP. OR 7 = 900 P.S.I. FLEX.
 - LIME STABILIZED SUBGRADE
A. PREPARE AND TREATING THE SUBGRADE, EXISTING SUBGRADE OR EXISTING BASE BY FILLING WITH LIME AND APPLYING LIME MIXING AND COMPACTING TO THE BASE MATERIAL TO THE REQUIRED DENSITY. THIS ITEM APPLIES TO NATURAL GROUND CLAYS (EXCEPT WHERE CUTS ARE MADE IN SOIL ROCK) OR EXISTING BASE AND SHALL BE CONSTRUCTED AS SPECIFIED HEREIN AND IN CONFORMITY WITH THE TYPICAL SECTIONS, LINES AND GRADDES AS SHOWN ON THE CONTRACT DRAWINGS.
B. TYPE A HYDRATED LIME SHALL CONSIST OF DRY POWDER OBTAINED BY TREATING QUICKLIME WITH ENOUGH WATER TO SATISFY ITS CHEMICAL ACTIVITY FOR WATER UNDER THE CONDITIONS OF ITS HYDRATION. THIS MATERIAL IS TO CONSIST ESSENTIALLY OF CALCIUM HYDROXIDE OR A MIXTURE OF CALCIUM HYDROXIDE AND A SMALL ALLOWABLE PERCENTAGE OF CALCIUM OXIDE, MAGNESIUM OXIDE AND MAGNESIUM HYDROXIDE.
C. IF TYPE B COMMERCIAL LIME SLURRY IS USED, THE SUBCONTRACTOR SHALL SELECT THE BRAND TO BE USED PRIOR TO CONSTRUCTION AND SHALL NOTIFY HAP ENGINEERING & ASSOCIATES INC. IN WRITING FIVE WORKING DAYS BEFORE CHANGING GRADE.
D. COMPACTION OF THE MIXTURE SHALL BEGIN IMMEDIATELY AFTER MIXING. THE MATERIAL SHALL BE SPRINKLED OR SPRINKLED AS NECESSARY TO BOTTOM AND SHALL CONTINUE UNTIL THE ENTIRE DEPTH OF MIXTURE IS UNIFORMLY COMPACTED.
E. THE COURSE SHALL BE SPRINKLED AS REQUIRED AND COMPACTED TO THE EXTENT NECESSARY TO PROVIDE THE DENSITY SHOWN BELOW:

DESCRIPTION	DENSITY, PERCENT
END LIME TREATED SUBGRADE	NOT LESS THAN 95
BASE COURSE	NOT LESS THAN 95
FOR LIME TREATED SUBGRADE	NOT LESS THAN 95
FOR BASE COURSE	NOT LESS THAN 95

F. AFTER THE FINAL LAYER OR COURSE OF THE LIME TREATED SUBGRADE HAS BEEN COMPLETED, IT SHALL BE BROUGHT TO THE REQUIRED LINES AND GRADDES IN ACCORDANCE WITH THE TYPICAL SECTIONS. THE COMPLETED SECTION SHALL THEN BE COVERED BY ROLLING OR A PNEUMATIC TIRE OR OTHER SUITABLE ROLLER SUFFICIENTLY LIGHT TO PREVENT HAP DRAGGING. THE COMPLETED SECTION SHALL BE MOST CURED FOR A MINIMUM OF 7 DAYS BEFORE FURTHER COURSES ARE APPLIED OR ANY TRAFFIC IS ALLOWED. UNLESS OTHERWISE DIRECTED BY HAP ENGINEERING, THE PLANS PROVIDED FOR THE LIME TREATED MATERIAL SHALL BE APPLIED WITH OTHER COURSES OF MATERIAL. MIXING IS TO BE COMPLETED UNLESS OTHERWISE DIRECTED BY HAP ENGINEERING.
G. THE APPLICATION AND MIXING OF LIME WITH THE MATERIAL SHALL BE COMPLETED BY THE CONTRACTOR. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE DENSITY SHOWN BELOW, UNLESS OTHERWISE INDICATED OR AS DIRECTED BY HAP ENGINEERING.

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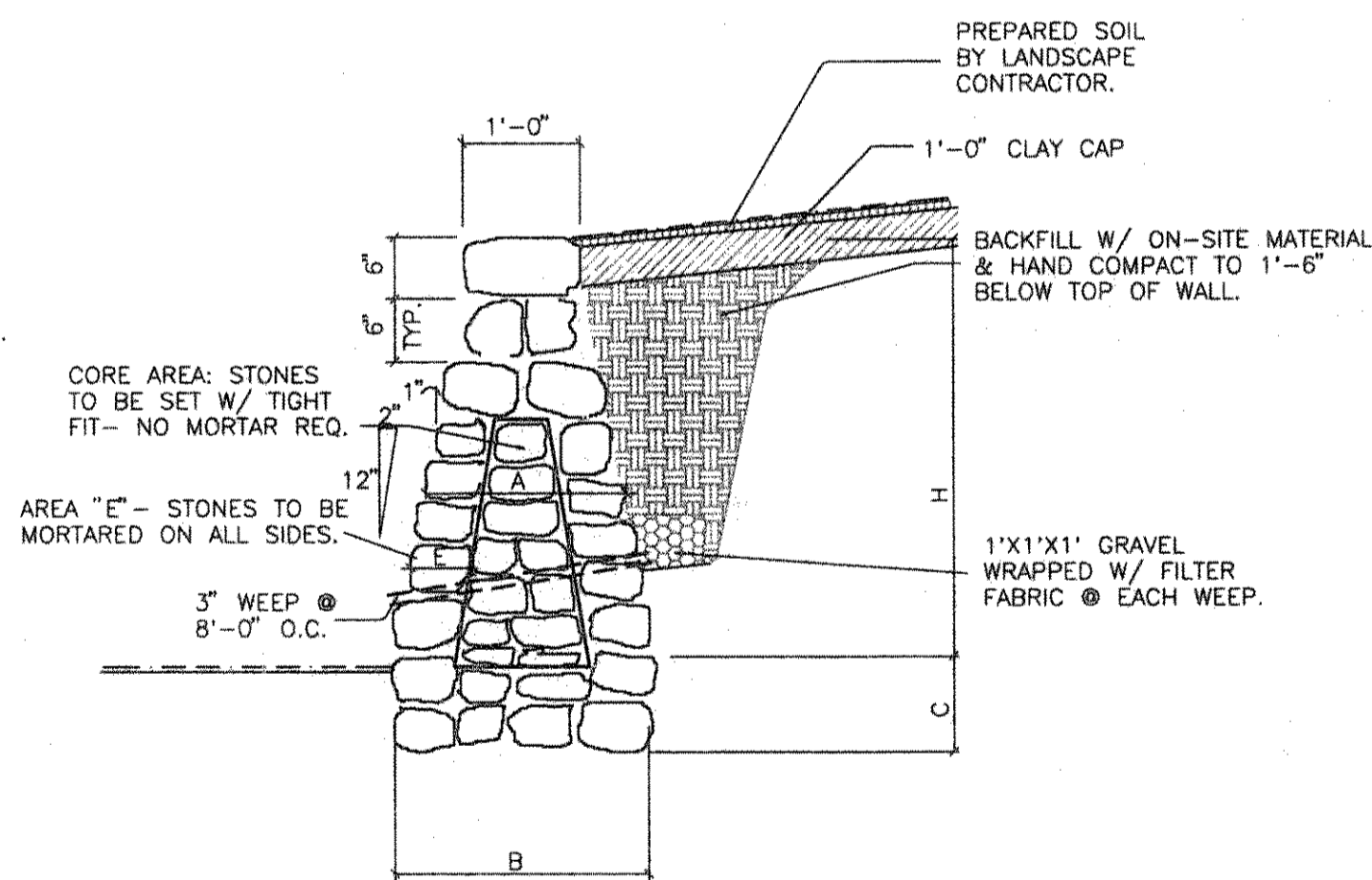
DRAINAGE DESIGN DATA			
AREA NO.	ACRES	Q ₁₀₀ CFS	REMARKS
1	3.925	9.77	OFF SITE TO 18" RCP
2	1.063	2.65	OPEN AREA
3	0.31	0.77	BATTING CAGE AREA
4	0.28	0.70	PARKING
			TOTAL 3+4 = 1.47
			TOTAL 1+2+3+4 = 13.89
T = 20 MIN. Cx ₁₀₀ = 2.49			
C = 0.30			
I ₁₀₀ = 8.3			



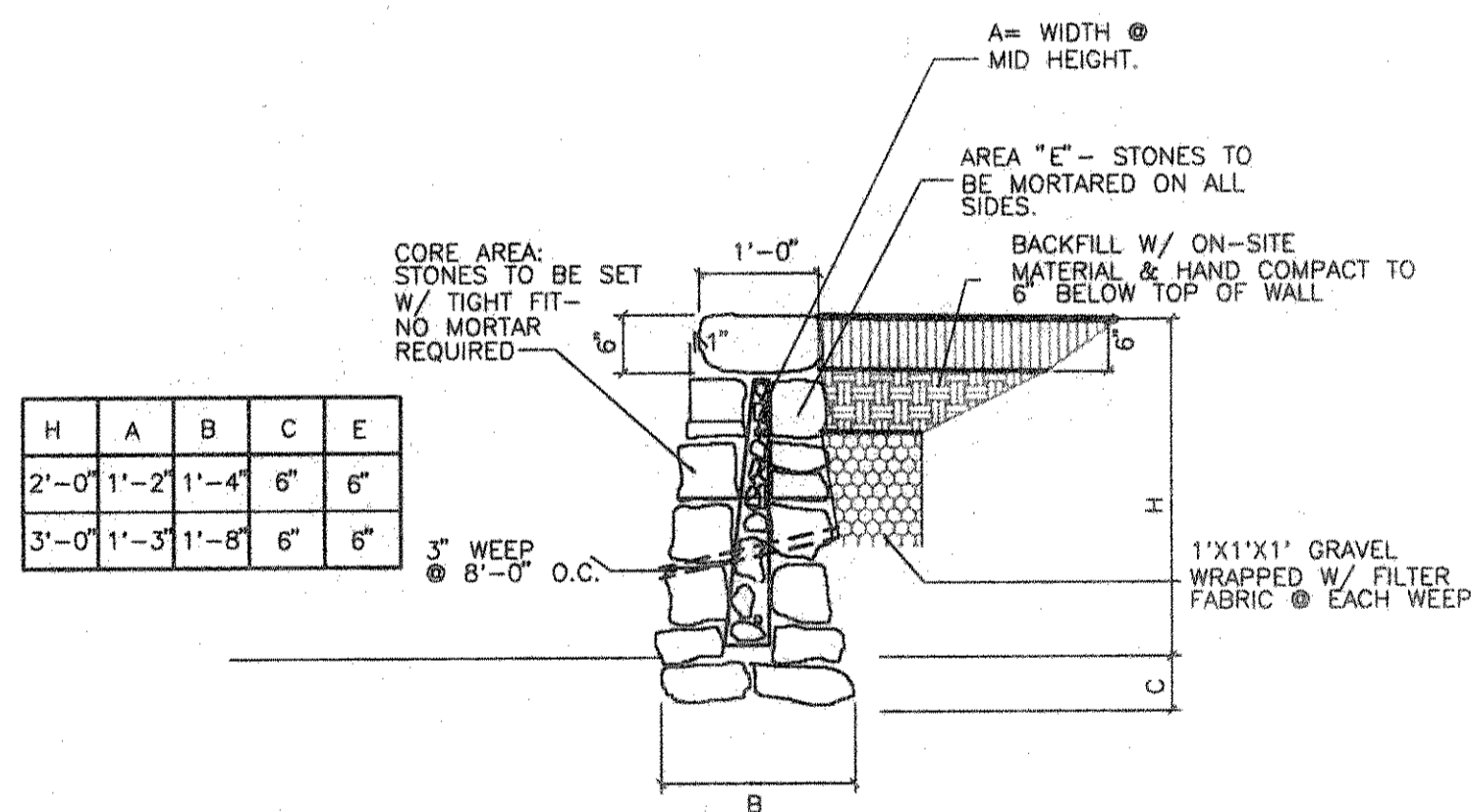
Per Billie Ch...
10' Radius
2/1/97

NOTE:
EXPOSED FACE STONE
EVENLY COURSED - W/ ALL
MORTAR JOINTS DEEP RAKED.

H	A	B	C	E
4'-0"	1'-8"	2'-3"	9"	10"
5'-0"	2'-0"	3'-0"	12"	10"
6'-0"	2'-3"	3'-6"	12"	12"



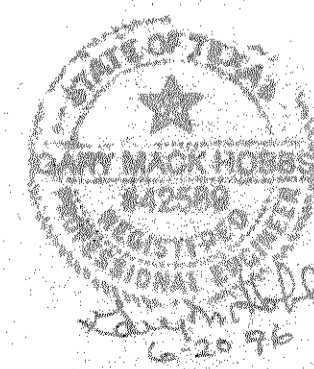
2 STONE GRAVITY WALL
SCALE: NTS



3 STONE GRAVITY WALL
SCALE: NTS

1 SITE PLAN
SCALE: 1"=40'-0"

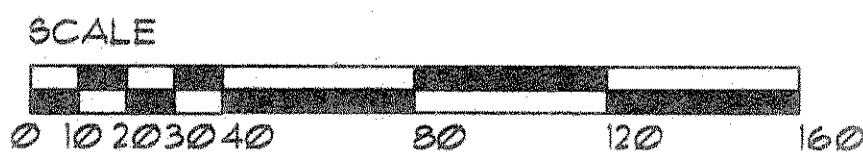
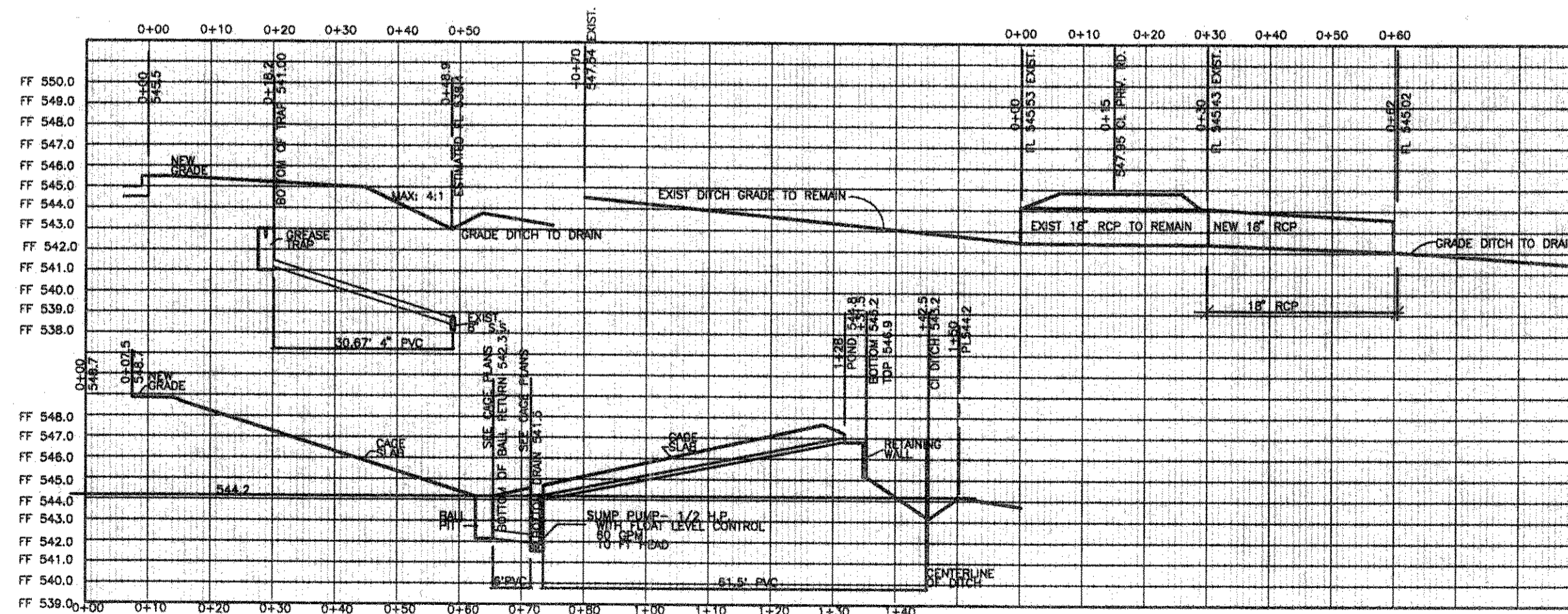
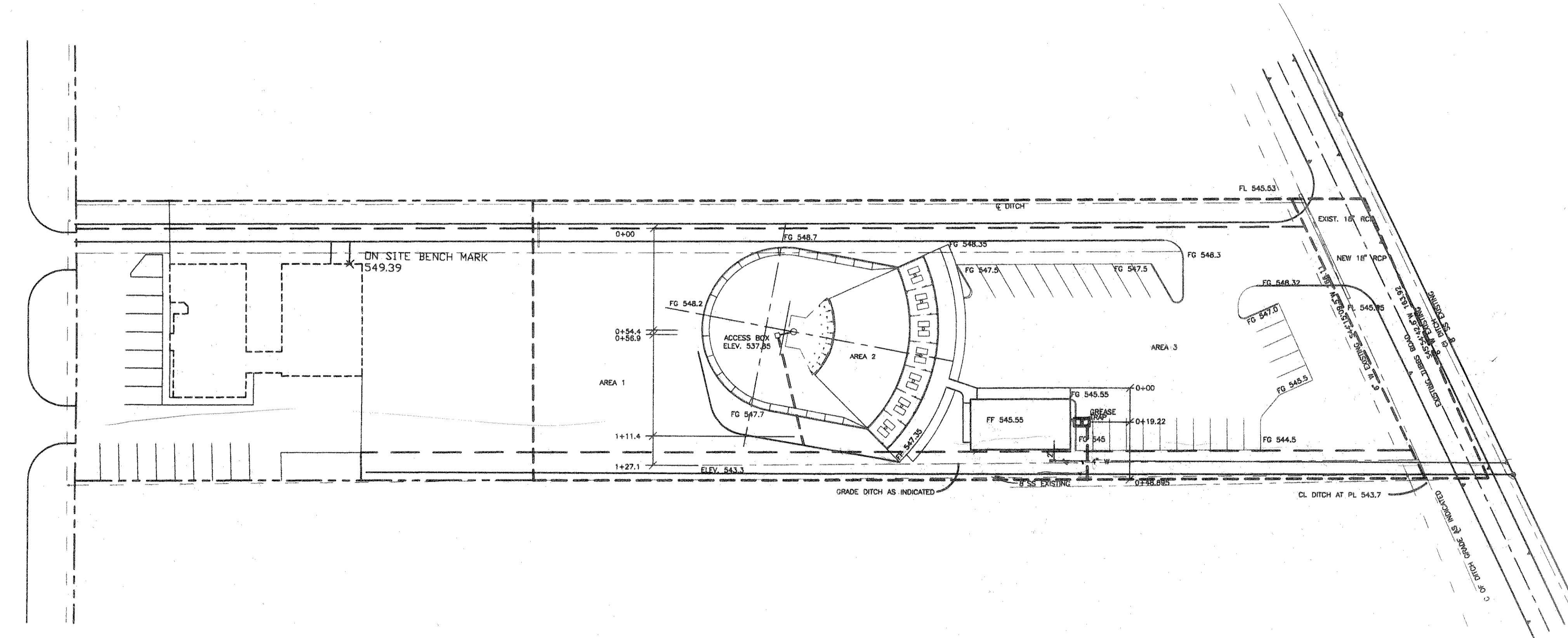
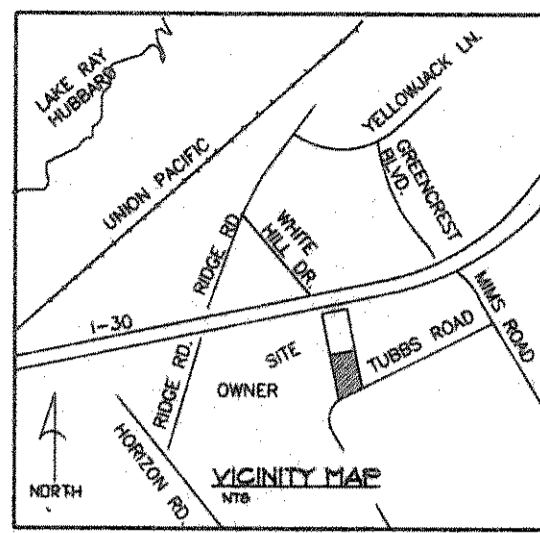
SITE PLAN
CITY OF ROCKWALL



revision	date	revision	date

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LAKESIDE BATTING PARK ADDITION				sheet 3 of 5
design	drawn	scale	date	project no.
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- GENERAL NOTES:
- ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE CITY OF ROCKWALL STANDARD SPECIFICATIONS AND THE STANDARDS AND SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION BY NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS.
 - CONTRACTOR SHALL PROTECT ALL PUBLIC UTILITIES IN THE CONSTRUCTION OF THIS PROJECT. ALL MANHOLES, CLEANOUTS, VALVES BOXES, AND FIRE HYDRANTS MUST BE ADJUSTED TO PROPER LINE AND GRADE BY THE UTILITY CONTRACTOR AFTER PAVING, AND BEFORE FINAL ACCEPTANCE.
 - THE LOCATION OF ALL EXISTING UTILITIES INDICATED ON THE PLANS ARE TAKEN FROM EXISTING PUBLIC RECORDS. THE EXACT LOCATION AND ELEVATION OF ALL PUBLIC UTILITIES SHALL BE DETERMINED BY THE CONTRACTOR. IT SHALL BE THE CONTRACTOR'S DUTY TO ASCERTAIN WHETHER ANY ADDITIONAL FACILITIES OTHER THAN THOSE SHOWN ON THE PLANS MAY BE PRESENT.
 - CONTRACTOR SHALL PROVIDE ENGINEER DIMENSIONS TO ALL SERVICES, AND OTHER INFORMATION TO PRODUCE "AS-BUILT" PLANS.
 - ALL WATER, WASTE WATER, AND ANY OTHER LINES INSTALLED UNDER PAVEMENT TO BE BACKFILLED AND COMPACTED IN 8 INCH LIFTS TO 95% STANDARD PROCTOR DENSITY \pm 2 PERCENTAGE POINTS OF OPTIMUM MOISTURE. ALL LINES OUTSIDE PAVEMENT TO BE BACKFILLED AND COMPACTED IN 8 INCH LIFTS TO 90% STD. PROCTOR.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRENCH SAFETY REQUIREMENTS IN ACCORDANCE WITH CITY STANDARDS, TEXAS STATE LAW AND OSHA STANDARDS.
 - ALL WATER MAINS SHALL BE PVC, BLUE, CLASS 200 DR4 PIPE.
 - WATER DEADHEAD SHALL BE A MINIMUM OF 1" TYPE K COPPER PIPE. EACH SERVICE SHALL BE PROVIDED WITH TWO IN-LINE NYLON BALL CUTOFF VALVES EQUIPPED WITH LOCK WINGS AND CONTAINED INSIDE THE METER BOX. RESIDENTIAL SERVICES SHALL HAVE A 5/8" DIAMETER YOKE AND SHALL BE EQUIPPED WITH A DUAL CHECK COMPONENT (AS PART OF THE YOKE) AND SHALL BE OF MATERIALS APPROVED BY THE CITY (SEE CITY OF ROCKWALL STANDARD CONSTRUCTION DETAILS). ALL OTHER WATER SERVICES SHALL BE EQUIPPED WITH A SEPARATE DOUBLE CHECK BACK-SIPHONAGE DEVICE IN A SEPARATE BOX MEETING THE SPECIFICATIONS OF THE CITY OF ROCKWALL. ALL TAPPING SADDLES AND CONNECTION NIPPLES TO WATER YOKE SHALL BE BRONZE. SERVICE TO EACH LOT SHALL HAVE A MAXIMUM COVER OF 20 INCHES. WATER SERVICE LINES SHALL NOT BE SPLICED UNDER EXISTING OR PROPOSED STREETS OR PAVED AREAS.
 - ALL WATER MAINS SHALL HAVE A MINIMUM COVER OF 42 INCHES BELOW FINISH GRADE OR AS REQUIRED TO CLEAR OTHER UTILITIES. TRACE WIRE REQUIRE ONE (1) FOOT ABOVE WATER MAINS.
 - WHEN INSTALLING WATER MAINS AT SANITARY SEWER CROSSINGS, NO JOINT OF WATER MAIN SHALL BE WITHIN NINE (9) FEET OF THE CENTERLINE OF THE WASTE WATER PIPE.
 - WATER MAINS SHALL BE TESTED AND DISINFECTED IN ACCORDANCE WITH AWWA C501.
 - CONTRACTOR SHALL PROVIDE ADEQUATE CONCRETE THRUST BLOCK AND RETAINER GLANDS AT ALL BENDS AND DEFLECTIONS GREATER THAN 10 DEGREES IN MAINS AND HYDRANT ASSEMBLIES.
 - A MINIMUM CLEARANCE OF 24 INCHES SHALL BE PROVIDED BETWEEN WATER MAINS AND STORM SEWER INLETS.
 - PVC PIPE SHALL HAVE A 6" SAND BEDDING WITH 6" OF SAND ON EACH SIDE AND 12" OF SAND OVER TOP OF PIPE.
 - POLY-WRAP (MINIMUM 5 MIL THICKNESS) FOR ALL DUCTILE IRON PIPE, MJ FITTINGS, VALVES, RISERS, TAPPING SADDLES AND HYDRANT LINES. PIPE SHALL BE DOUBLE WRAPPED AT ALL JOINTS AND BENDS. EXTEND UP EACH SERVICE AT LEAST 6 INCHES.
 - RETAINING GLANDS AND GALVANIZED "ALL THREAD" RODS SHALL BE PROVIDED ON ALL BENDS WITH CONCRETE THRUST BLOCKING AND POLYWRAP.
 - TAPPING SLEEVES: STAINLESS STEEL TAPPING SLEEVES FOR PVC PIPING WITH THRUST BLOCKING; SOLID SLEEVE COMPACT DUCTILE IRON (NOT AVAILABLE, CAST IRON) FOR DUCTILE IRON PIPE WITH THRUST BLOCKING.
 - NO COMPRESSION FITTINGS WILL BE ALLOWED ON COPPER SERVICE LINES.
 - ALL ROAD BORES SHALL BE MADE USING DRY BORE EQUIPMENT. NO WET BORES WILL BE ALLOWED.
 - BACTERIOLOGICAL TESTS SHALL BE REQUIRED ON ALL NEW WATER MAINS PRIOR TO ACCEPTANCE OF THE PROJECT. A MINIMUM OF ONE BACTERIOLOGICAL QUALITY TEST IS REQUIRED FOR EVERY 1,000 FEET OF LINE. THE RESULTS MUST BE NEGATIVE WITH NO (0/100m) COLIFORM.
 - FIRE HYDRANTS TO BE LOCATED THREE (3) FEET BEHIND BACK OF CURB AND CENTERED ON LOT LINES OR AT CURB RETURNS. UTILITY CONTRACTORS SHALL PLACE BLUE FIRE-LITE REFLECTOR IN CENTERLINE OF STREET, CLOSEST TO FIRE HYDRANT.
 - FIRE HYDRANT CONNECTIONS TO MAINS SHALL BE AS FOLLOWS: PROVIDE FLAT FLANGE ON IN-LINE TEE; CONNECT WITH MJ FLANGE RESILIENT WEDGE GATE VALVE. PROVIDE RETAINER GLANDS AT ALL MJ CONNECTIONS AT HYDRANT.
 - FIRE HYDRANTS TO BE PAINTED AS FOLLOWS: YELLOW COLOR CODED TO BE SHERWIN-WILLIAMS OR EQUAL # BS4137.
 - ALL WASTE WATER MAINS SHALL BE PVC, GREEN, SDR 35, ASTM D3034.
 - ALL WASTE WATER SERVICES SHALL BE FOUR INCHES (4") PVC AND LOCATED AT LOT CENTERLINE. SERVICE CLEANOUT PER ROCKWALL DETAILS.
 - CONTRACTOR SHALL PROVIDE 2' - 6" x 2' - 6" THICK CONCRETE PAD (3000 PSI @ 28 DAYS) FOR VALVE STACKS AND WASTE WATER CLEANOUTS FALLING OUTSIDE OF PAVED AREAS, AND 2' - 6" x 2' - 6" BLOCK OUT PROVIDED IN PAVED AREA. MANHOLES FALLING IN A PAVED AREA SHALL HAVE A 4' x 4' BLOCK OUT.
 - WASTE WATER SHALL BE SUBJECT TO AN AIR TEST AND/OR LEAKAGE TEST PRIOR TO ACCEPTANCE.
 - CONTRACTOR SHALL BE REQUIRED TO PROVIDE TV INSPECTION OF ALL WASTE WATER LINES PRIOR TO ACCEPTANCE AND SUBMIT FILM OF TEST WITH "AS-BUILT" DRAWINGS AT CONTRACTORS EXPENSE.
 - ALL 4" WASTE WATER SERVICES SHALL HAVE A MINIMUM OF 4' (FOUR FEET) AND MAXIMUM OF 8' (EIGHT FEET) OF COVER AT THE PROPERTY LINE. THE 4" WASTE WATER WYE CONNECTION FOR EACH LATERAL SHALL BE ENCASED IN CONCRETE PER CITY OF ROCKWALL STANDARD CONSTRUCTION DETAILS. UTILITY CONTRACTOR SHALL PAINT AND "S" ON CURB (AFTER PAVING) INDICATING ALL WASTE WATER SERVICES. ALL LATERALS TO HAVE CLEANOUT AT PROPERTY LINE.
 - ALL MANHOLES SHALL BE EQUIPPED WITH A MANHOLE RAIN PAN AND CHIMNEY SEAL.

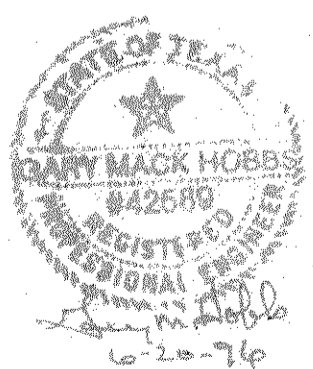
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LAKESIDE BATTING PARK ADDITION					sheet
4					
design	drawn	scale	date	project no	C
HAP	HAP	1"=40'-0"	6-14-96	9604048	



WATER & WASTE WATER
CITY OF ROCKWALL

PLANT MATERIALS LIST				
KEY	DESCRIPTION		SIZE	REMARKS
PC	PYRUS CALLERYANA 'BRADFORD' / BRADFORD PEAR		3" CAL.	SINGLE TRUNK
UC	ULMUS CRASSIFOLIA / CEDAR ELM		3" CAL.	SINGLE TRUNK
LI	LAGERSTROEMIA INDICA / GRAPE MYRTLE (NATCHEZ) (OR EQUAL)		8'-10' HT.	3 TRUNKS MIN.
PF	PHOTINIA FRASERI / FRASER'S PHOTINIA		5 GALLON	48" O.C.
RI	RAPIHOLEPIUS INDICA / INDIAN HAWTHORN (JACK EVANS OR EQUAL)		5 GALLON	48" O.C.

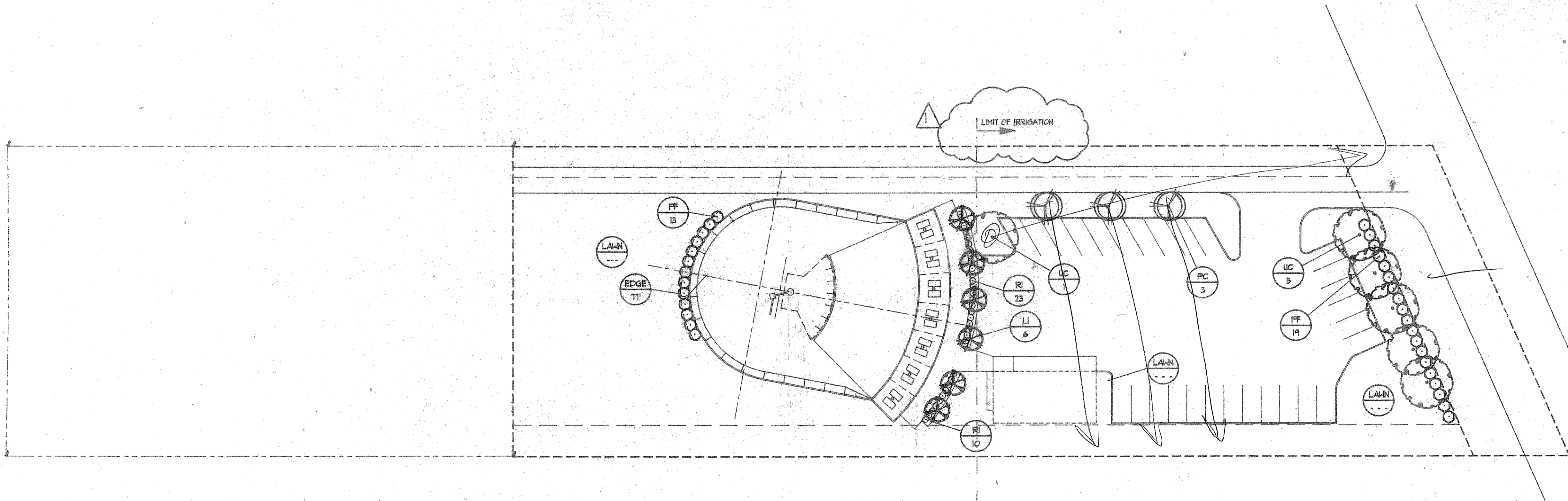
LANDSCAPE TABULATION:

REQUIRED:	PROVIDED:
15% TOTAL ACREAGE: 10,711 SF.	
15% FRONTAGE: 5,364 SF.	12,035.5 SF.

PLANTING NOTES

1. GENERAL
ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE CITY AND COUNTY CODES, AND THESE PLANS.
- A. THE CONTRACTOR SHALL CAREFULLY INSPECT THE SITE AND VERIFY ALL CONDITIONS AND DIMENSIONS SHOWN ON THE PLANS PRIOR TO COMMENCEMENT OF ANY WORK UNDER THIS CONTRACT.
- B. THE CONTRACTOR SHALL CARRY ALL WORKER'S COMPENSATION, PUBLIC LIABILITY, AND PROPERTY DAMAGE INSURANCE AS REQUIRED BY OWNER.
- C. THE CONTRACTOR SHALL APPLY FOR ALL PERMITS AND PAY FOR SAME.
- D. IRRIGATION WORK SHALL BE REQUIRED IN DESIGNATED AREAS AND ALL IRRIGATION WORK SHALL HAVE BEEN INSPECTED AND APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO BEGINNING ANY GROUND COVER PLANTING WORK.
- E. THE OWNER'S SUPERINTENDENT OWNER'S REPRESENTATIVE WILL INSPECT THE PLANTING WORK. PRIOR TO STARTING WORK, THE CONTRACTOR SHALL CONTACT THE OWNER'S REPRESENTATIVE AND COORDINATE ALL INSPECTIONS.
- F. THE QUALITY OF WORKMANSHIP AND MATERIALS SHALL BE OF THE HIGHEST STANDARDS. COOPERATION AND FLEXIBILITY IS EXPECTED OF THE CONTRACTOR TOWARD WORKING WITH THE OWNER/OWNER'S REPRESENTATIVE IN PRODUCING THE BEST POSSIBLE PRODUCT.
- G. UPON COMPLETION OF EACH PHASE OF WORK, THE CONTRACTOR SHALL THOROUGHLY CLEAN THE SITE OF ALL ACCUMULATED RUBBISH, DEBRIS, AND OTHER EXTRANEOUS MATERIAL.
2. SCOPE OF WORK
CONTRACTOR SHALL FURNISH ALL MATERIAL, LABOR, TRANSPORTATION, EQUIPMENT AND PROPERTY TO COMPLETE THE LANDSCAPING OF THE PLANTING AREAS AS INDICATED ON OR REASONABLY IMPLIED BY THE DRAWINGS AND/OR NOTES.
- A. INCLUDED AS A PART OF THE WORK, BUT NOT NECESSARILY LIMITED BY IT, ARE THE FOLLOWING ITEMS:
- INSTALLATION OF STEEL EDGING OR TRENCH PER PLAN
 - FINE GRADING OF ALL PLANTING AREAS
 - PREPARATION OF ALL PLANTING AND TREE HOLES
 - FURNISHING AND INSTALLING ALL REQUIRED BACKFILL MATERIALS AND MISC. MATERIALS
 - FURNISHING AND INSTALLING ALL PLANT MATERIALS
 - PROVIDING MAINTENANCE THROUGHOUT THE PROJECT PERIOD
 - CLEAN-UP AND WEEDING OF ALL LANDSCAPE AREAS
 - GUARANTEE OF ALL PLANT MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE YEAR
- B. THE CONTRACTOR SHALL REMOVE ALL WEEDS, ROCKS OVER 2" DIAMETER, DEBRIS AND OTHER EXTRANEOUS MATERIAL FROM THE JOB SITE IN A LEGAL MANNER PRIOR TO PROCEEDING WITH ANY WORK UNDER THIS CONTRACT.
- C. THE OWNER SHALL PROVIDE ROUGH GRADE TO WITHIN 1/10TH OF 1 FOOT OF FINISH GRADE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FINISH GRADE, INCLUDING ANY MINOR ADJUSTMENTS TO EARTH BERM AND SLOPE CHANGES, PROVIDE FINISH GRADE IN PLANTING AREAS 1/8" MINIMUM FLOW. FINISH GRADES SHALL BE 2" BELOW ADJACENT WALKS, CURBS, DRIVEWAYS, ETC., IN GROUND COVER AREAS AND 1" BELOW IN TURF.
- D. ALL PLANT MATERIALS SHALL COMPLY WITH THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK, AMERICAN ASSOCIATION OF NURSERYMEN. ALL TREES AND SHRUBS SHALL BE PLANTED PER THESE NOTES AND AS DETAILED. ALL PLANT MATERIAL SHALL BE OF THE HIGHEST QUALITY AND LARGEST REASONABLE SIZE AVAILABLE FOR THE SPECIFIED CONTAINER SIZE (WITHOUT BEING ROOT BOUND). SHRUB MATERIALS SHALL BE VIGOROUSLY GROWING, HEALTHY PLANT MATERIAL, FULL AND BUSHY, OF HINES WHOLESALE NURSERY/MONROVIA NURSERY COMPANY QUALITY, OR EQUAL. THE OWNER'S REPRESENTATIVE WILL APPROVE ALL PLANT MATERIAL WHEN SPOTTED FOR PLANTING, AND WILL NOT HESITATE TO REJECT ANY MATERIAL OF QUESTIONABLE QUALITY, OR OF LESS THAN THE LARGEST REASONABLE SIZE MATERIAL AVAILABLE.

6. THE OWNER'S REPRESENTATIVE SHALL APPROVE THE LOCATION OF ALL THE ONE, THREE, FIVE, SEVEN GALLON AND LARGER PLANT MATERIAL AS APPROXIMATELY SPOTTED IN THE FIELD BY THE CONTRACTOR. ALL BOXED MATERIAL SHALL BE STAKED FOR LOCATION APPROVAL. PRIOR TO PLANT FIT EXCAVATION PRIOR TO PLANTING, THE OWNER'S REPRESENTATIVE WILL SELECT THE BEST SIDE AND FACE ALL SPECIMEN TREES.
7. TREES TIES SHALL BE "TWIST-BRACE", INSTALL PER MANUFACTURER'S SPECIFICATIONS.
8. ALL GROUND COVER AS NOTED IN THE LEGEND SHALL BE ROOTED TIP CUTTINGS FROM FLATS, OR LINERS, AND SHALL BE PLANTED IN STAGGERED ROWS CONTINUOUSLY UNDER ALL TREES AND SHRUBS IN THE AREAS AS DESIGNATED ON THE PLANS AND AT THE SPACING INDICATED IN THE LEGEND (IF APPLICABLE).
9. TO ALL PLANTING AREAS AND PRIOR TO IRRIGATION SYSTEM INSTALLATION CROSS RIP OR OTHERWISE TILL 12" DEEP. AFTER CROSS RIPPING, ROTO-TILL SOIL PREP. AMENDMENTS 6" DEEP.
10. FOR BACKFILL AROUND TREES AND SHRUBS, USE THE FORMULA AS INDICATED IN THE SOIL PREP / BACKFILL NOTE. MIXING SHALL BE DONE AT ONE LOCATION.
11. SOIL PREPARATION / BACKFILL
ALL PLANTING SHALL BE DONE IN PREPARED SOIL, COMPOSED OF THE FOLLOWING: 50% NATIVE EXISTING SOIL, 25% SHARP SAND, 25% PEAT HUMUS AND 5-10-5 COMMERCIAL FERTILIZER IN APPROPRIATE QUANTITIES TO THE MIXTURE.
12. WEED ABATEMENT
TO ALL PLANTING AREAS, AFTER EARTHWORK, INSTALLATION OF IRRIGATION SYSTEM AND SOIL PREPARATION, THE FOLLOWING WEED ABATEMENT WORK SHALL BE DONE:
- A. APPLY SULFATE OF AMMONIA AT THE RATE OF 5 LBS. PER 1000 SQ. FT. TO ALL AREAS TO BE PLANTED.
- B. KEEP AREAS MOIST BY REGULAR IRRIGATION FOR A PERIOD OF TWO WEEKS (MINIMUM) TO GERMINATE EXISTING WEED SEEDS.
- C. KILL WEEDS WITH CONTACT WEED KILLER PER LICENSED HERBICIDE AGENCY SPECIFICATIONS. AFTER COMPLETE WEED KILL, REMOVE WEED RESIDUE AND TOP GROWTH.
13. PRE-EMERGENT PROGRAM
PRIOR TO INSTALLATION OF GROUND COVER, CONTRACTOR SHALL INSTALL A PRE-EMERGENT HERBICIDE, EPTAN OR EQUAL, TO ALL PROPOSED GROUND COVER AREAS PER MANUFACTURER'S RECOMMENDATIONS.
14. MAINTENANCE
THE CONTRACTOR SHALL MAINTAIN ALL PLANTED AREAS THROUGHOUT THE CONTRACT PERIOD. MAINTENANCE SHALL CONSIST OF PROPER WATERING, FERTILIZATION, WEEDING, AND GENERAL CLEAN-UP. PLANTS SHALL BE KEPT IN A HEALTHY GROWING CONDITION.
15. PLANT ESTABLISHMENT PERIOD
THE PLANT ESTABLISHMENT PERIOD SHALL COMMENCE UPON THE OWNER'S AND THE OWNER'S REPRESENTATIVE WRITTEN APPROVAL OF ALL PHASES OF PLANTING INSTALLATION AND SHALL BE FOR NINETY (90) CONTINUOUS CALENDAR DAYS. PLANT ESTABLISHMENT WORK SHALL INCLUDE THREE (3) FERTILIZER APPLICATIONS TO ALL PLANTING AREAS AT THE THIRTY (30) DAY INTERVALS DURING THE PLANT ESTABLISHMENT PERIOD.
16. PLANT ESTABLISHMENT PROCEDURES
THE GENERAL CARE AND MAINTENANCE OF ALL AREAS SHALL CONSIST OF PROPER WATERING, FERTILIZATION, WEEDING, CLEAN-UP AND AS FOLLOWS:
- A. CULTIVATE AND WEED AT NOT LESS THAN TEN (10) WORKING DAY INTERVALS.
- B. THREE FERTILIZER APPLICATIONS, PER NOTE ABOVE WITH FERTILIZER AT THE RATE AND FORMULA AS INDICATED IN THE SOIL PREP/BACKFILL NOTE.
- C. CONTRACTOR SHALL MAINTAIN THE IRRIGATION SYSTEMS IN A LIKE NEW OPERATING CONDITION, ADJUSTING HEAD HEIGHTS, THROW AND SPRAY ARCS AS NECESSARY. THE CONTRACTOR IS RESPONSIBLE FOR PROPER WATERING OF ALL PLANTING AREAS, AND SHALL REPLACE ANY MATERIAL DAMAGED DUE TO IMPROPER MOISTURE.
- D. ANY CONCENTRATED DEVELOPMENT OF WEED GROWTH THAT MAY APPEAR IN PLANTING AREAS DURING PLANT ESTABLISHMENT PERIOD SHALL BE REMOVED AT THIRTY (30) DAY INTERVALS. THE CONTRACTOR MAY ELECT TO REMOVE SUCH CONCENTRATIONS OF WEEDS MANUALLY OR BY AN APPROVED HERBICIDE PROGRAM.
- E. DURING THE COURSE OF THE MAINTENANCE WORK, THE CONTRACTOR SHALL REMOVE SURPLUS MATERIALS AND DEBRIS FROM THE SITE AND SHALL KEEP THE PREMISES IN A NEAT AND CLEAN CONDITION AT ALL TIMES.
- F. DURING THE PLANT ESTABLISHMENT PERIOD, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ADEQUATE PROTECTION FROM ALL PLANTING AREAS. ANY DAMAGED AREAS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.



REVISIONS:		
DATE	DESCRIPTION	
5-7-96	1 AS NOTED	

PROJECT:
LAKESIDE BATTING
PARK ADDITION
ROCKWALL, TEXAS

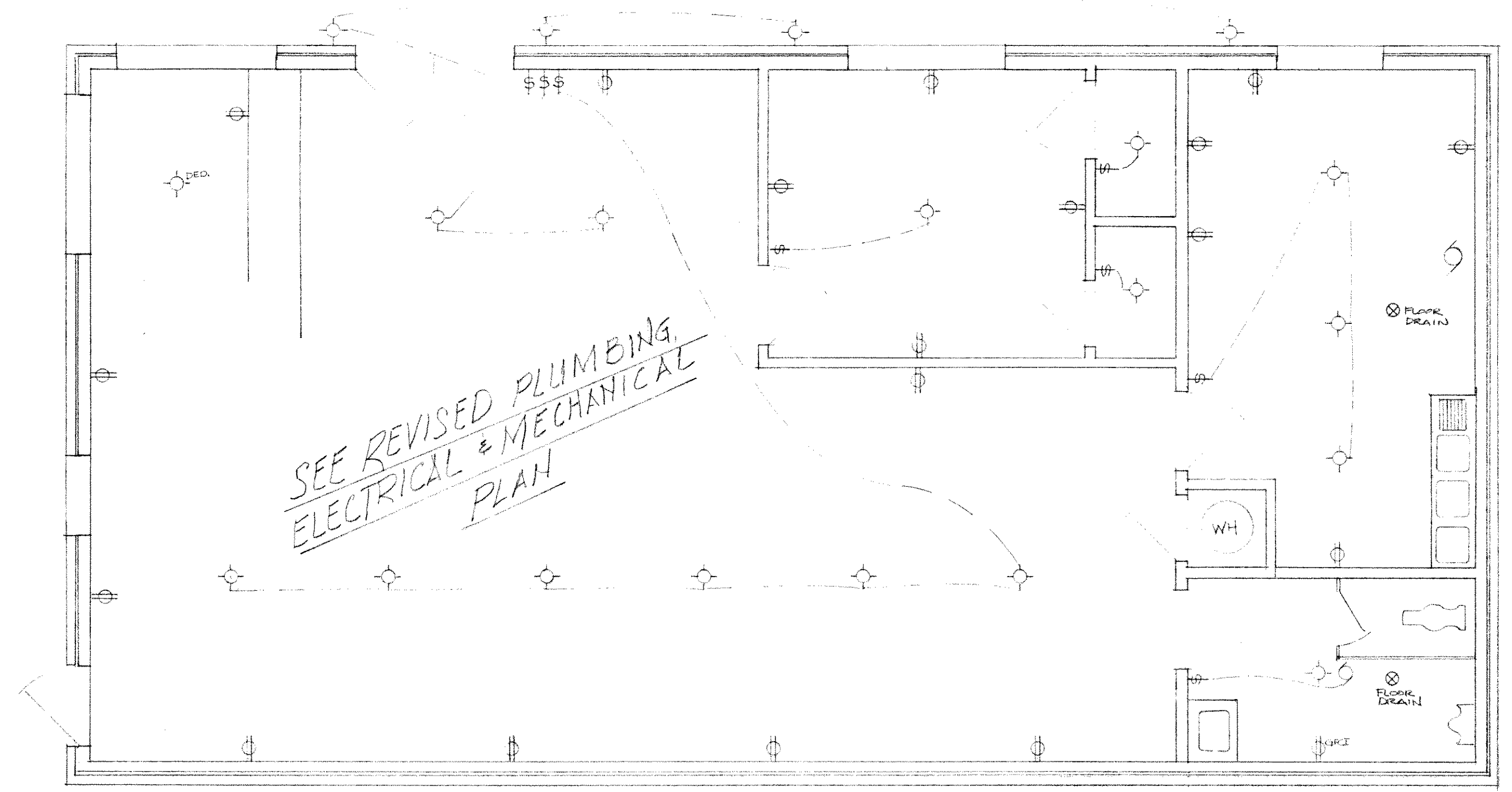
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DATE:	
SCALE: 1" = 30'	
DRAWN BY: mcb	
CHECKED BY:	
SHEET NO.	5
	OF 5

REVISIONS	BY

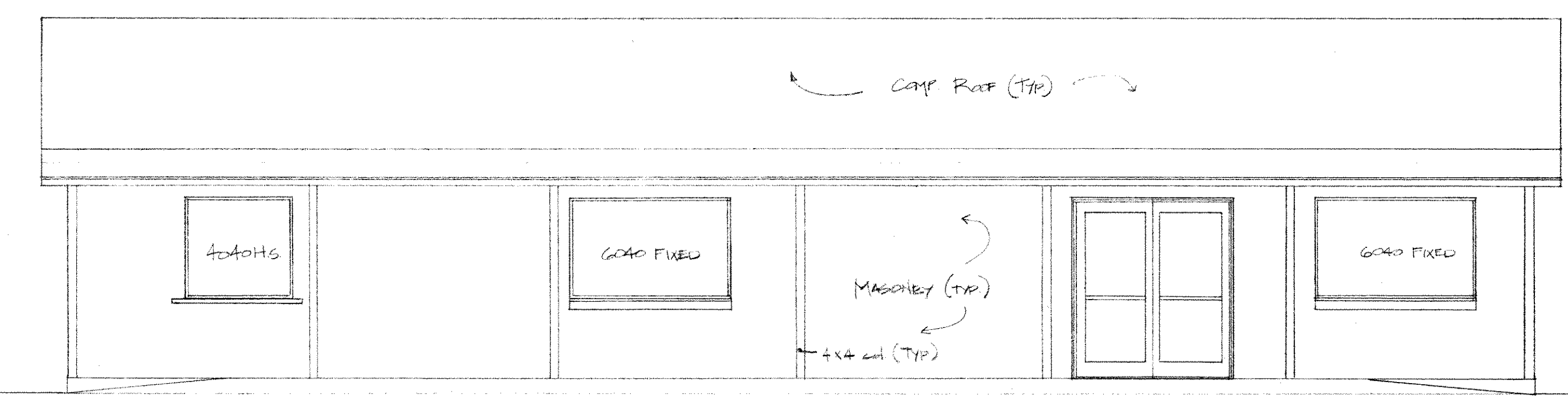
FOR DR. ARCHIE UNDERWOOD
 801 I.H. 30
 Rockwall, Texas 75087

CONCESSION BUILDING

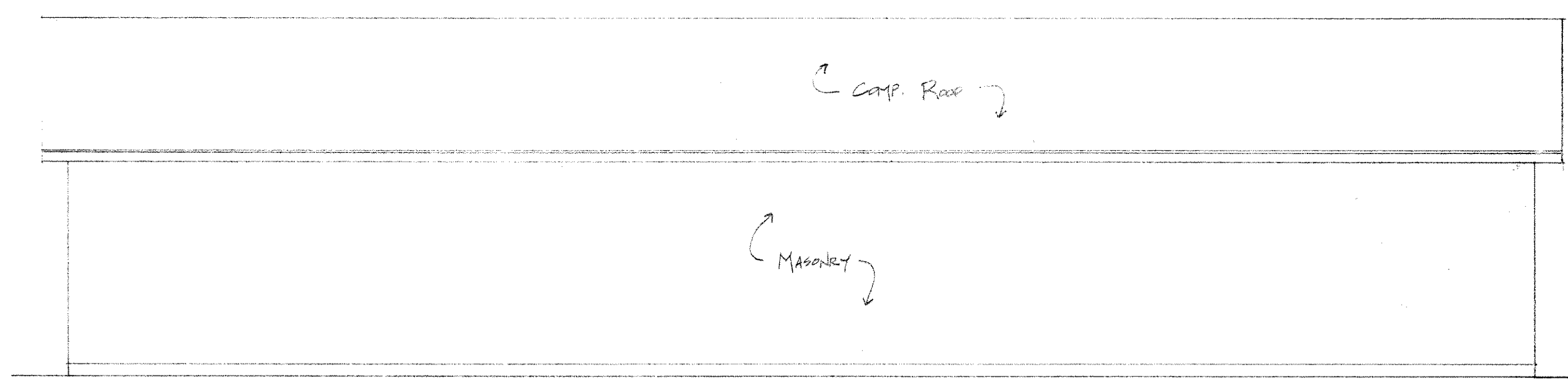
Date	4/24/90
Scale	1/4" = 1'-0"
Drawn	J. GRINNARD
Job	
Sheet	1
Of	1 Sheets



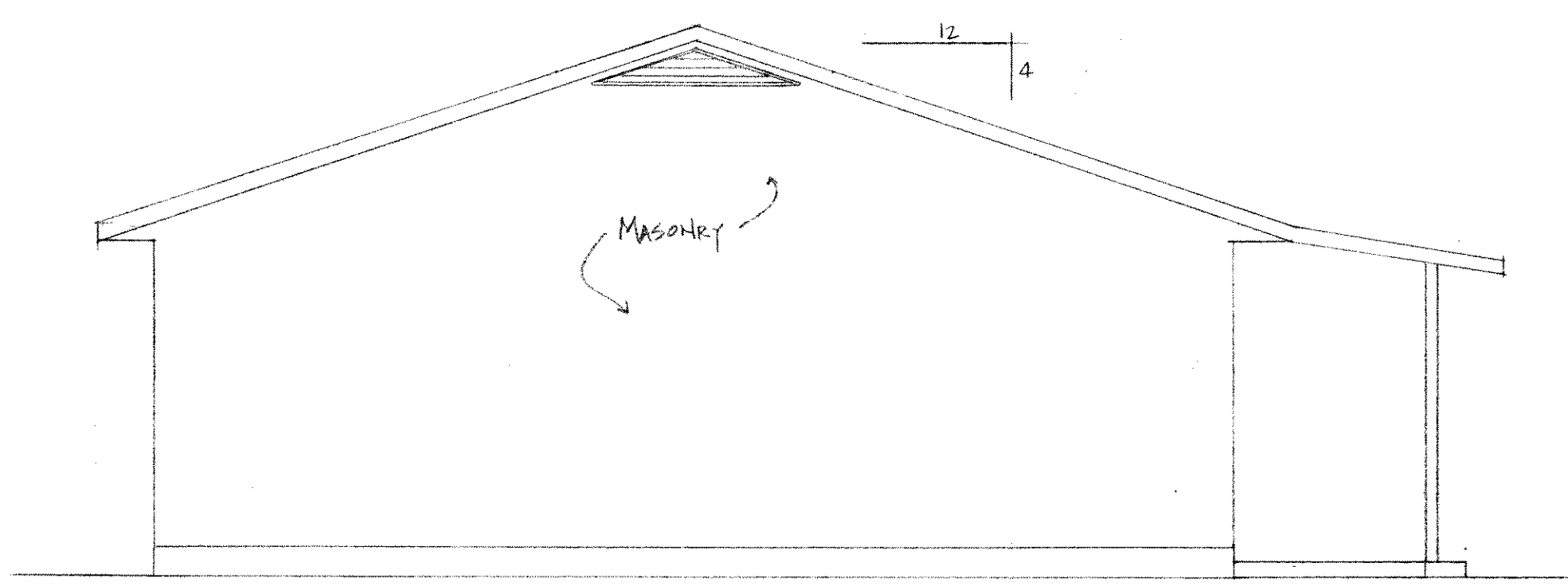
PLUMBING, ELECTRICAL & MECHANICAL PLAN
 SCALE 1/4" = 1'-0"



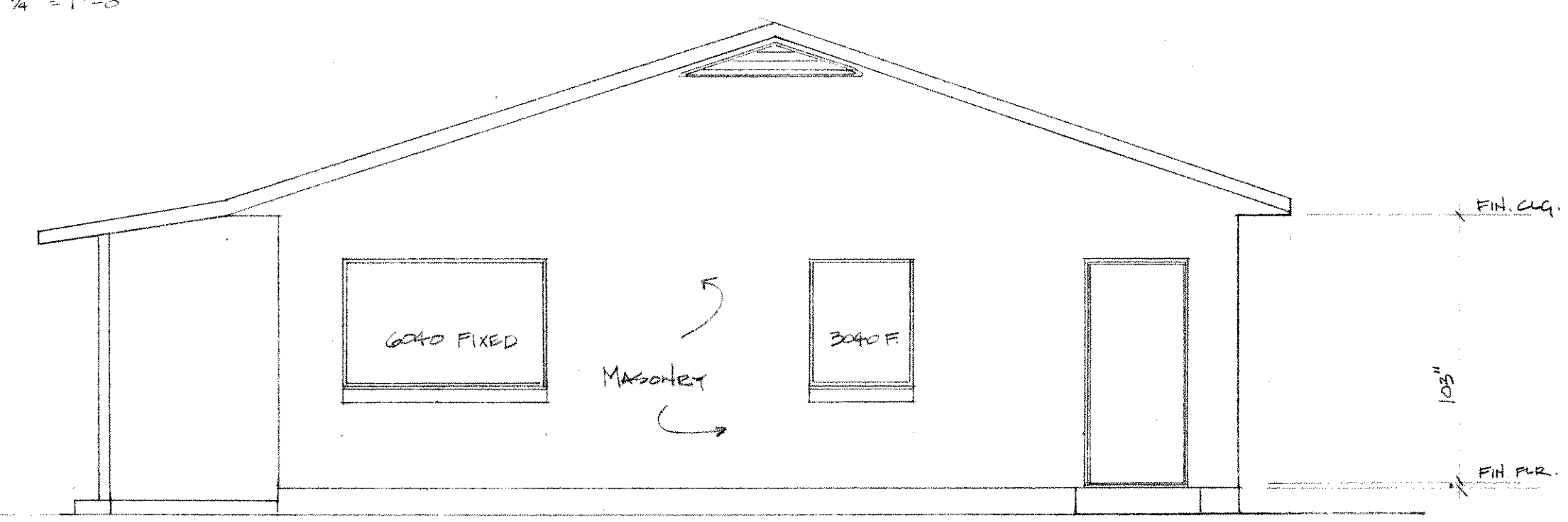
EAST ELEVATION
 SCALE 1/4" = 1'-0"



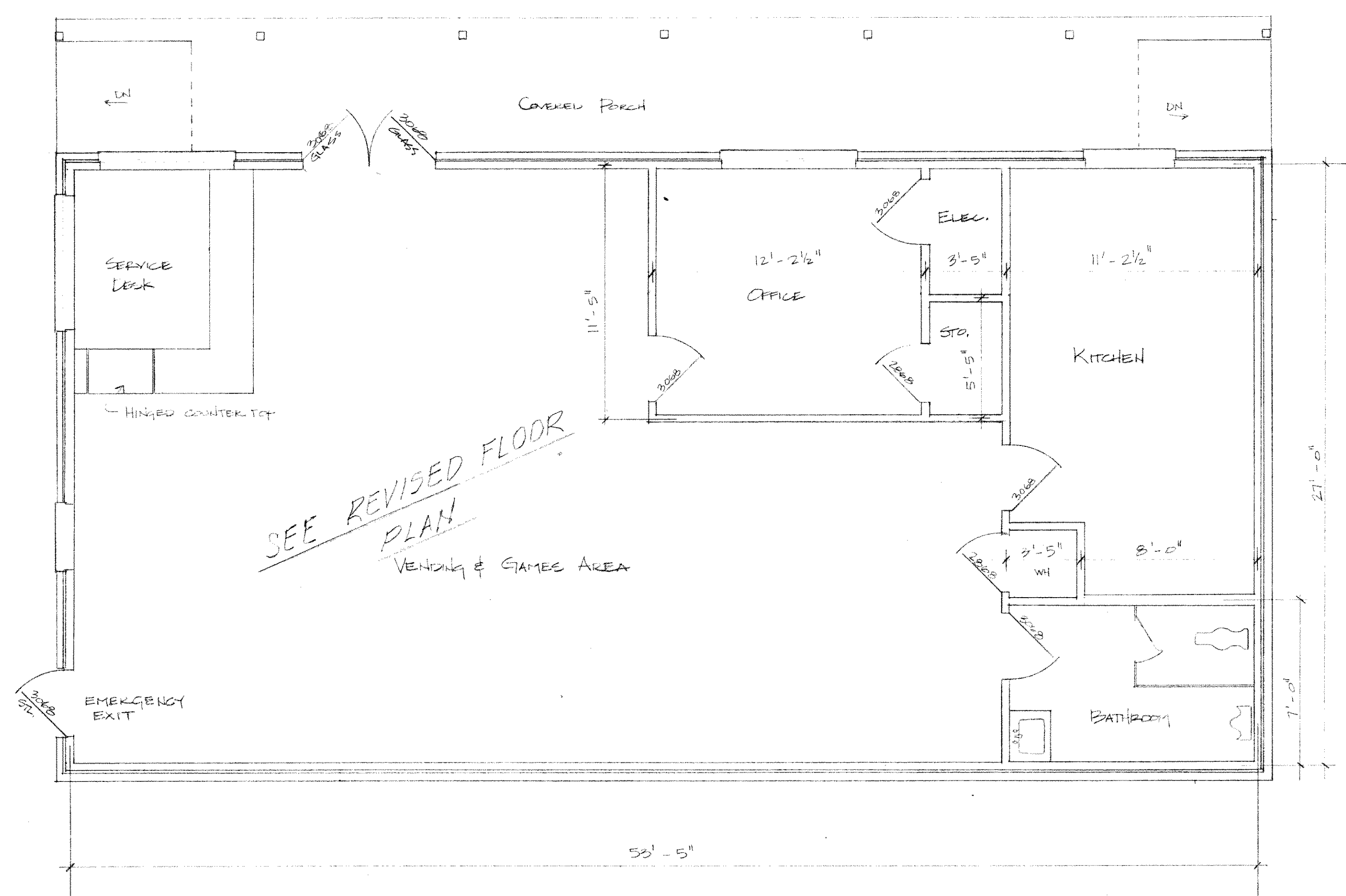
WEST ELEVATION
 SCALE 1/4" = 1'-0"



SOUTH ELEV.

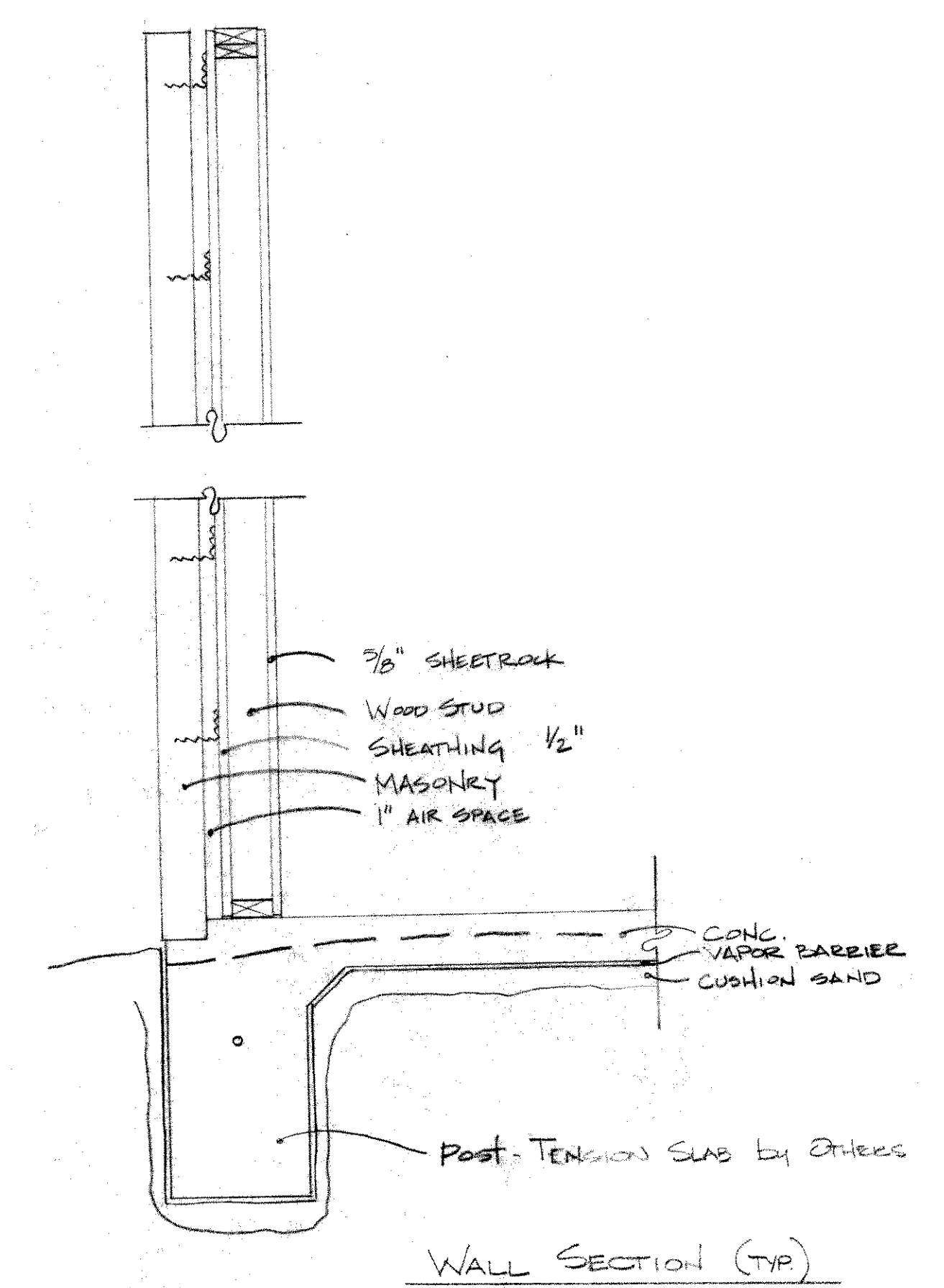


NORTH ELEV.

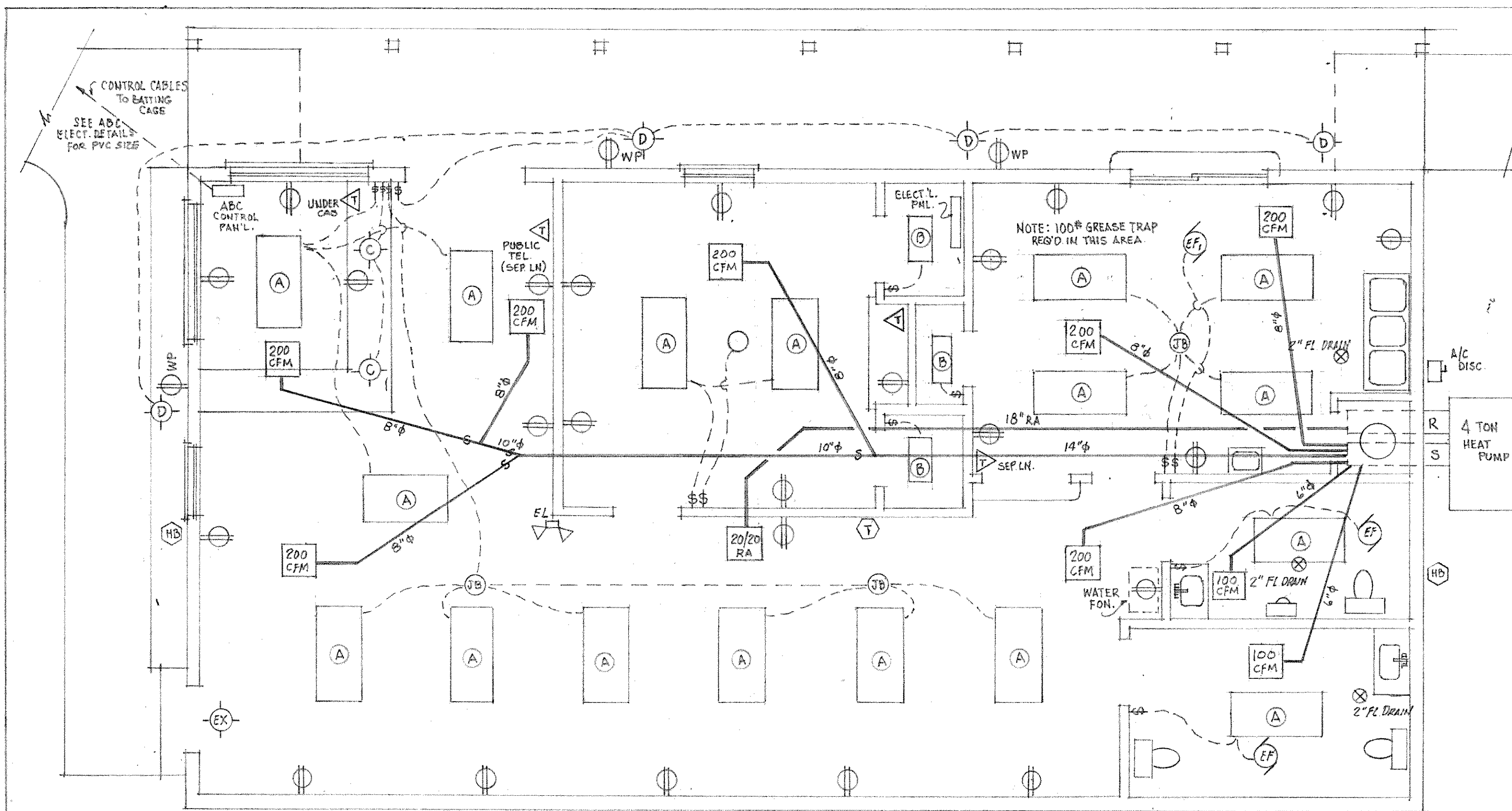


FLOOR PLAN
 SCALE 1/4" = 1'-0"

- NOTES:
- KITCHEN REQ. 100# GREASE TRAP
 - POST TENSIONED SLAB BY OTHERS
 - CEILING TO BE LAY IN ACOUSTIC TILE IN A T-BAR GRID SYSTEM THROUGHOUT
 - FLOOR COVERING TO BE DETERMINED
 - ROOF TRUSSES (IF ANY) BY OTHERS



WALL SECTION (TYP)



BUILDING LIGHTING FIXTURE SCHEDULE	
TYPE	DESCRIPTION
A	LITHONIA CAT. NO. 2GT440A12-120ES LPESCW HIGH EFFICIENCY 4-LITE GRID TROFFER OR EQUAL.
B	LITHONIA CAT. NO. GT240A12-120ES LP HIGH EFFICIENCY 2-LITE GRID TROFFER OR EQUAL.
C	LITHONIA CAT. NO. LG75BFFL-150WAZ1 LAMP THERMAL PROTECTOR 8 5/8\" OPENING DOWN LIGHT OR EQUAL.
D	LITHONIA CAT. NO. TWL TO 6-120 BRONZE FINISH WALL PAK - 70 W. HPS LAMP OR EQUAL.
EX	LITHONIA CAT. NO. QMSW IREL RED PANEL, SINGLE STENCIL FACE, UNIVERSAL MTG 120/277 DUAL VOLTAGE MAINTENANCE FREE LEAD CALICUM BATTERY EMERGENCY EXIT LIGHT OR EQUAL.
EL	LITHONIA CAT. NO. ELM 120/277 DUAL VOLTAGE WALL OR CEILING MTG. 6 VOLT MAINTENANCE FREE LEAD CALICUM BATTERY EMERGENCY LIGHTING FIXTURE OR EQUAL.
EF	BROAN CAT. NO. 684 CEILING EXHAUST FAN 2.5 SONES CENTRIFUGAL BLOWER WHEELS W/ 4\" POLE MOTOR FOR HIGH CAPACITY, LOW SOUND LEVEL OR EQUAL.
EF	BROAN CAT. NO. 504 CEILING EXHAUST FAN 10\" 6.5 SONES HEAVY OR EQUAL - (FOR WALL MTG. BROAN CAT. NO. 12C-10)

- T1 DENOTE LOCATION OF TELEPHONE OUTLETS.
 NEED TWO (2) SEPT. LINES FOR SERVICE CENTER BLDG.
 1- SEPT. LINE FOR CONCESSION AREA
 TELEPHONE CO. TO HAVE SEPT. LINE FOR PUBLIC PHONE
 T DENOTES A/C THERMOSTAT LOCATION
 HB DENOTES OUTSIDE HOSE BIBBS
 1 AT NORTH SIDE OF BATTING CAGE FENCE
 2 AT SERVICE CENTER BLDG.

PLUMBING NOTES:

- ALL PLUMBING UNDER SLAB.
 ALL COPPER TO BE TYPE L SOFT
 ALL PLASTIC TO BE SCH. 40 PVC
 COPPER PENETRATING SLAB TO BE SLEVED WITH POLY SLEEVING.
 ALL PLUMBING TO BE TESTED WITH WATER IF POSSIBLE FOR LOCAL INSPECTIONS AFTER ROUGH IN.
 TOP OUT: ALL PLASTIC & COPPER WILL BE EXTENDED OUT OF WALLS AND THROUGH ROOF AS REQ'D.
 ALL COPPER IN EXTERIOR WALLS TO BE INSULATED WITH PROPER INSULATION.
 FINAL: ALL FIXTURES TO BE INSTALLED TO MEET LOCAL PLUMBING CODES.
 CONCESSION AREA: 1
 1- 2\" FLOOR DRAIN, 1- 2\" HUB DRAIN, 1- 100# GREASE TRAP (DETERM. LOCATION IN FIELD)
 CONTRACTOR TO PLUMB 3-COMPARTMENT SINK & MOP SINK (BOTH SINKS FURNISHED BY OWNER)
 LADIES TOILET:
 1- 2\" FLOOR DRAIN
 FURNISH AND INSTALL 1- WHITE HC TOILET FIXTURE W/ SLOAN VALVE AND 1- STD. WHITE TOILET FIXTURE W/ SLOAN VALVE.
 1- 4\" CHROME LAV. W/ WRIST BLADE
 MENS TOILET:
 FURNISH AND INSTALL 1- WHITE HC TOILET FIX W/ SLOAN VALVE AND 1- WHITE URINAL W/ SLOAN VALVE
 1- 4\" CHROME LAV. W/ WRIST BLADE.
 1- 2\" FLOOR DRAIN
 OUTSIDE HOSE BIBBS:
 INSTALL 3- OUTSIDE HOSE BIBBS AS SHOWN.
 CONTRACTOR TO PLUMB 30 GAL HOT WATER HTR & PLUMB DRINKING FOUNTAIN (FURN. BY OWNER).

ELECTRICAL PANEL SCHEDULE									
UG FEED POSITION		FLUSH MOUNTING		MAINS 225A 240 VAC RATED		SERVICE VOLTAGE 120/240V 1Ø3W PANEL DESCRIPTION 42 CKT.			
CB	LOAD SERVED	CKT	LOAD	WATTS	CKT.	LOAD SERVED	CB	NOTE: THIS PANEL REPLACES PANEL A & B SHOWN ON ABC ELECT L SHEET #CA OF ABC PLANS THIS PANEL LOCATED IN SERVICE CENTER BLDG.	
			A	B					
20	BATTING CAGE POLE LTG	1			2	CONTROL PANEL	20		
2		3			4	WALL PAKS LTG.	20		
20	PARKING LIGHTS	5			6	CONVEYOR	20		
2		7			8	SUMP PUMP	20		
50	A/C UNIT	9			10	POLDG. LTG.	20		
2		11			12	BLDG. LTG.	20		
60	AUX. HEAT UNIT	13			14	BLDG. LTG.	20		
2		15			16	POLDG. LTG.	20		
30	HOT WATER HTR.	17			18	LTG./RECEPT. B.C.	20		
2		19			20	MOTOR NO. 4 IHP	20		
20	MOTOR NO. 1 IHP	21			22	MOTOR NO. 5 IHP	20		
20	MOTOR NO. 2 IHP	23			24	MOTOR NO. 6 IHP	20		
20	MOTOR NO. 3 IHP	25			26	MOTOR NO. 7 IHP	20		
20	BLDG. RECEPTS	27			28	BATTING CAGE RECEPT.	20		
20	BLDG. RECEPTS	29			30	BATTING CAGE RECEPT.	20		
20	BLDG. RECEPTS	31			32	SPARE TO JB/BC	20		
20	BLDG. RECEPTS	33			34	SPACE ONLY	20		
20	SPARE	35			36	SPACE ONLY	20		
20	SPARE	37			38	SPACE ONLY	20		
20	SPARE	39			40	SPACE ONLY	20		
20	SPACE ONLY	41			42	SPACE ONLY	20		

PLUMBING, ELECTRICAL & MECHANICAL PLAN

SCALE 1/4" = 1'-0"

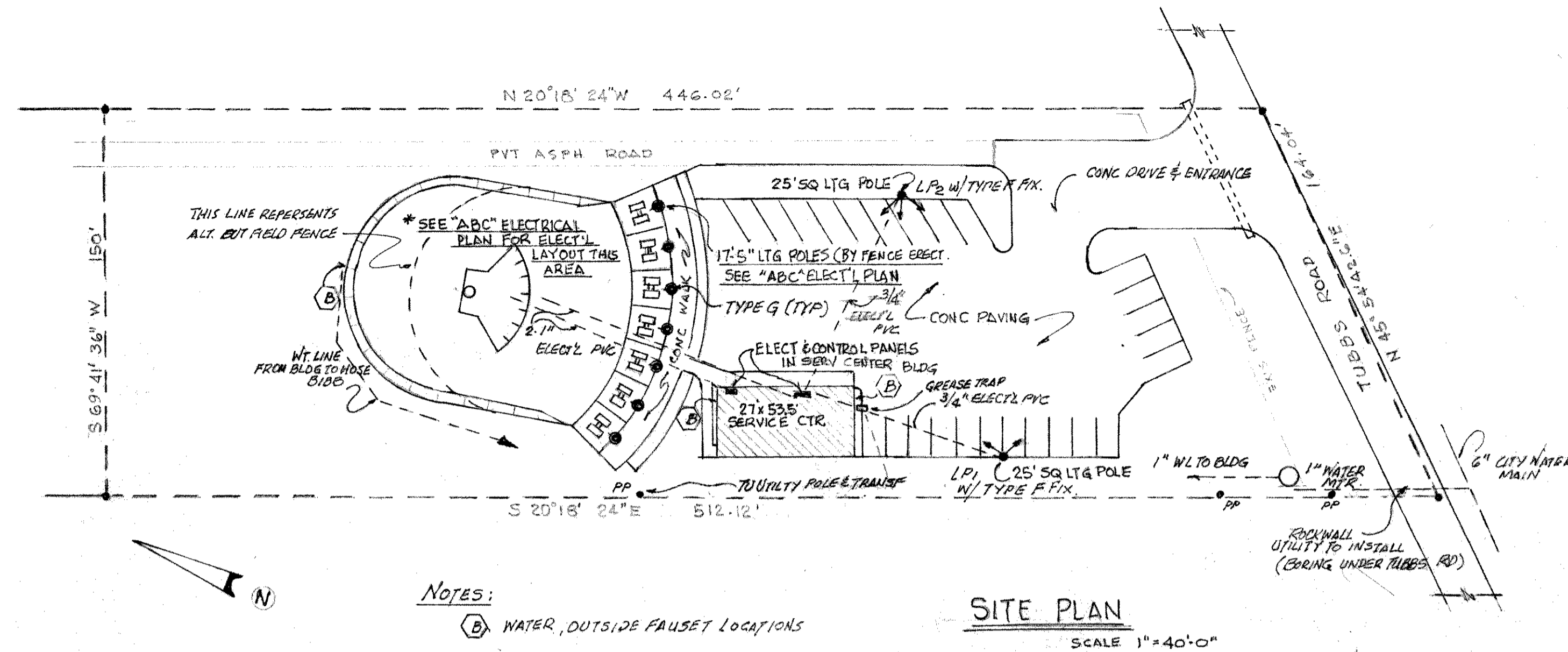
H/A/C NOTES & MAT'L LIST

- QTY 7 - 24/24 TO 8\" LAYIN DIFUSERS
 2 - 24/24 TO 6\" LAYIN DIFUSERS
 1 - 20/20 RA GRILL
 VOLUME DAMPER AT EACH DIFUSER
 1 - JANITROL HEAT PUMP CAT. NO. PH48-10 OR EQUAL
 1 - JANITROL AUX. HEAT CAT. NO. HRB15-1 OR EQUAL
 1 - HEAT PUMP THERMOSTAT
 A/C CONTRACTOR TO INSTALL APPROVED FLEX. DUCT OR SHEET METAL DUCTS
 ALL A/C WORK & MTL. INSTALLED TO MEET LOCAL CITY CODES & SPECS.

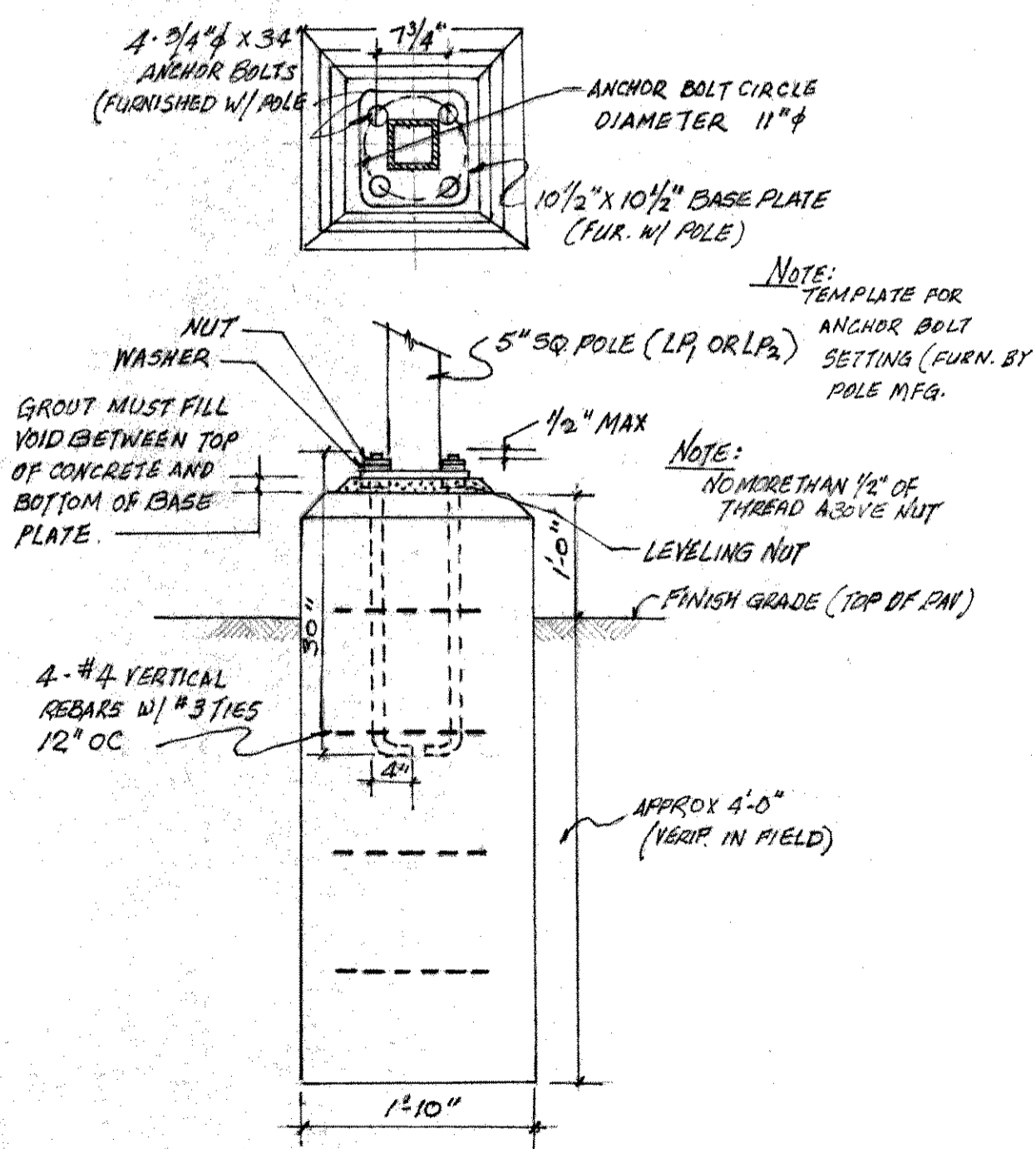
LAKESIDE BATTING PARK ADDITION
SERVICE CENTER BUILDING

DATE: 6-7-96 SCALE 1/4" = 1'-0" REV. NO. 2-9-2-96

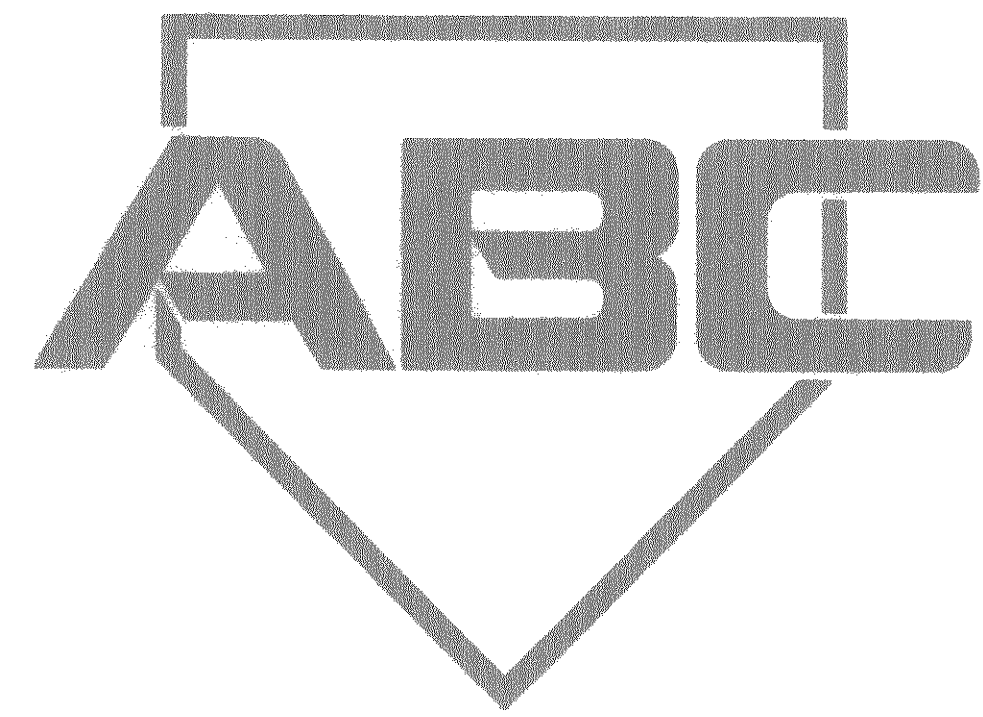
SHEET NO.
SC
2
4



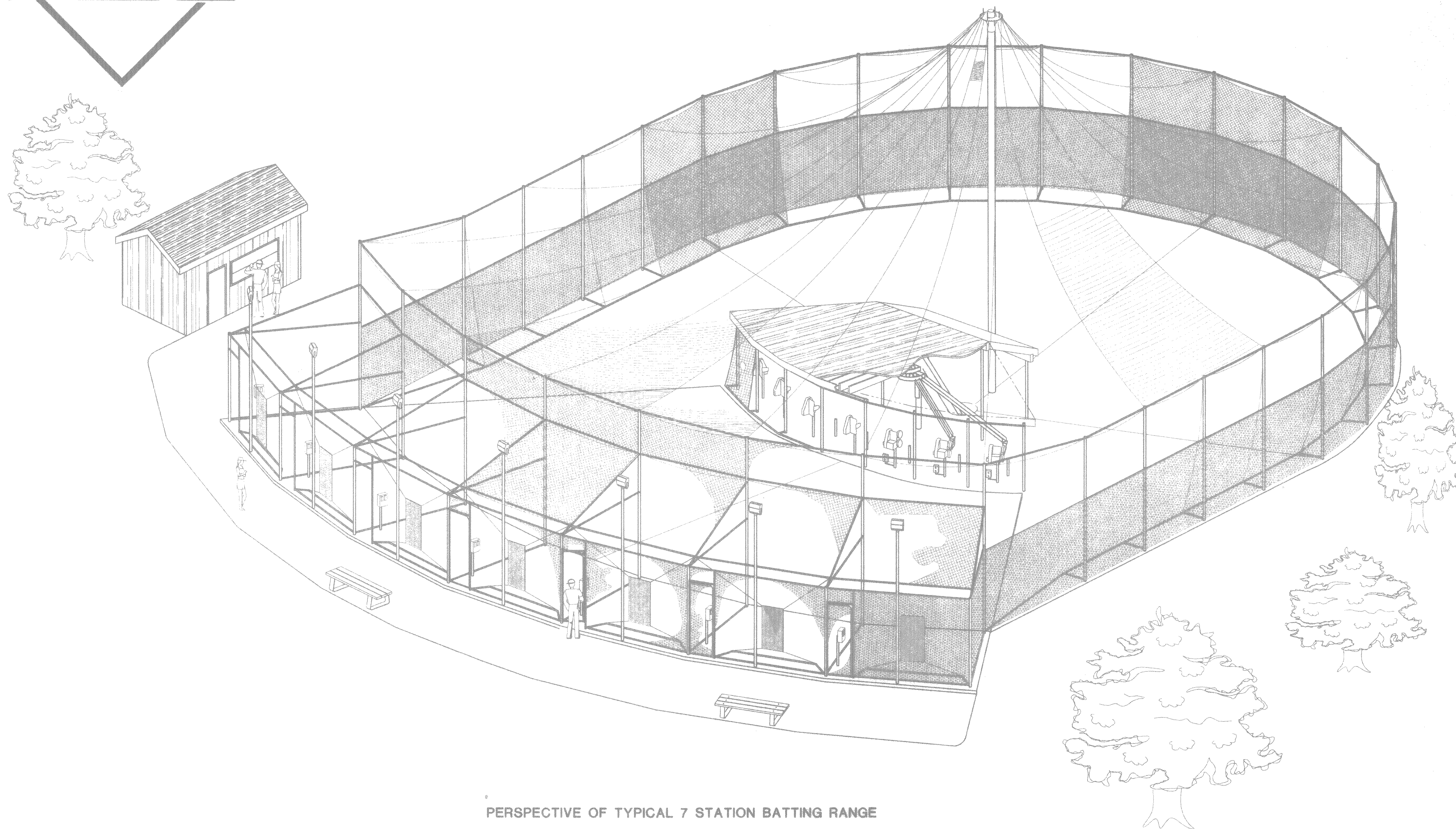
LIGHTING FIXTURE & POLE SCHEDULE	
BATTING CAGES & PARKING AREA	
TYPE	DESCRIPTION
F	LITHONIA CAT. NO. TFL400 M RA2 TFFS LP COMPACT NEMA, HEAVY DUTY CONSTRUCTION DIE- CAST ALUMINUM HOUSING AND FRONT COVER W/ THERMAL AND SHOCK-RESISTANCE TEMPERED GLASS LENS; BRONZE FINISH, 400 W METAL HALIDE LAMP (FURNISHED), 120V HIGH POWER FACTOR CONSTANT WATTAGE BALLAST W/ TYPE TFFS TENON SLIPFITTER TO FIT 2" OR 2 1/2" PIPE OR EQUAL
G	LITHONIA CAT. NO. TFL400 M RA2 TFFS LP SAME AS TYPE F ABOVE OR EQUAL
LP ₁	WHITCO CAT. NO. 25-05 SNT11 BC B2 25 FT. SQUARE NON-TAPERED STEEL POLE W/ UNIFORM WALL THICKNESS OF .120" (11 GAGE) TO CONFORM TO ASTM A500 GRADE B, DESIGNED TO WITHSTAND DEAD LOADS AND THEORETICAL DYNAMIC LOADS DEVELOPED BY SUSTAINED WINDS OF 100 MPH W/ CAT. NO. BH 36-2 - 2 LITE BULL HORN OR EQUAL
LP ₂	WHITCO CAT. NO. 25-05 SNT BC B2, 25 FT SQUARE NON-TAPERED STEEL POLE, SAME AS TYPE LP ₁ ABOVE EXCEPT W/ CAT. NO. BAGO-3 3 LITE BULLHORN OR EQUAL



PARKING AREA LIGHT POLE
FOUNDATION DETAIL
POLE LP₁ & LP₂
SCALE 3/4" = 1'-0"



7 STATION BATTING RANGE



PERSPECTIVE OF TYPICAL 7 STATION BATTING RANGE
DO NOT USE COVER SHEET FOR CONSTRUCTION PURPOSES

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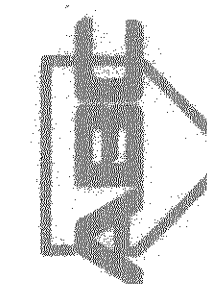
REVISIONS

A

DESIGN	STAFF
DRAWN	STAFF
JOB NO.	95549
DATE	08/18/1995

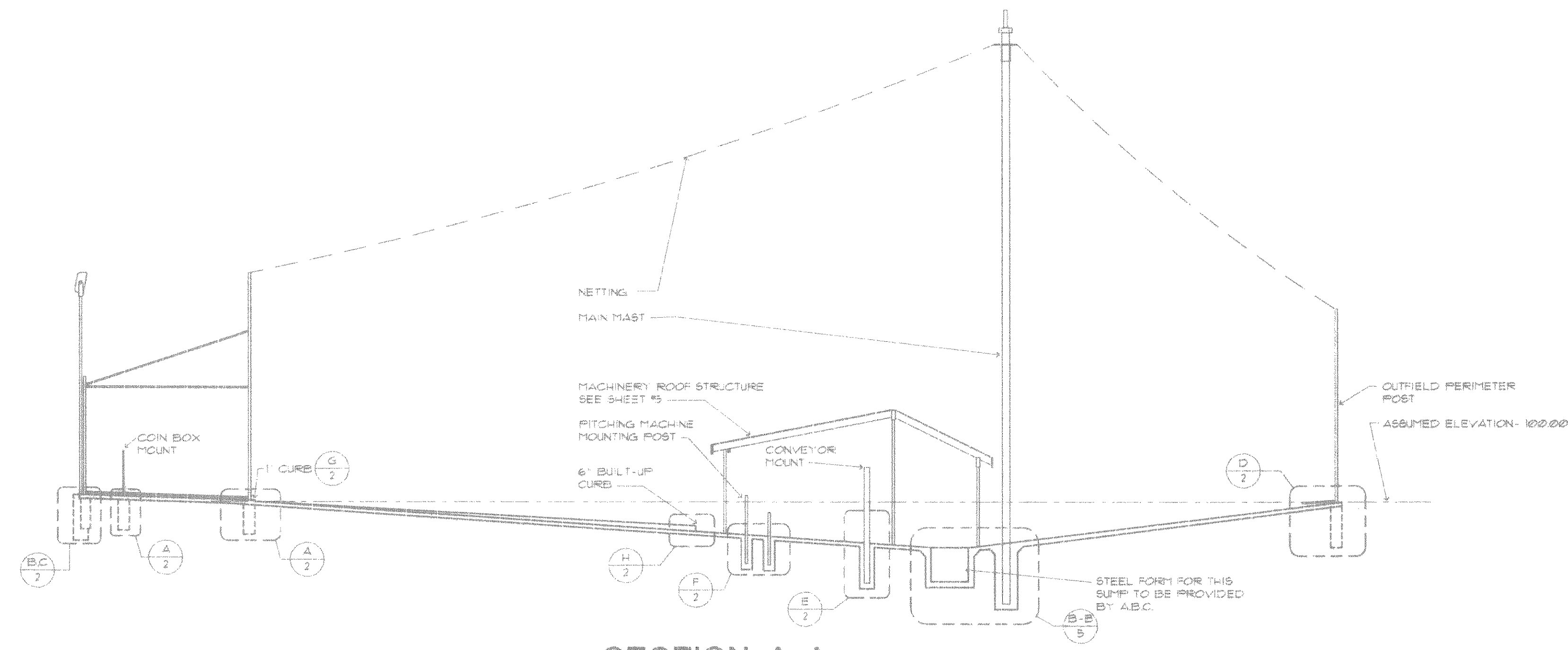
AUTOMATED BATTING CAGES

8811 HUFF N.E., SALEM, OREGON, 97303
PHONE - (503) 390-5714

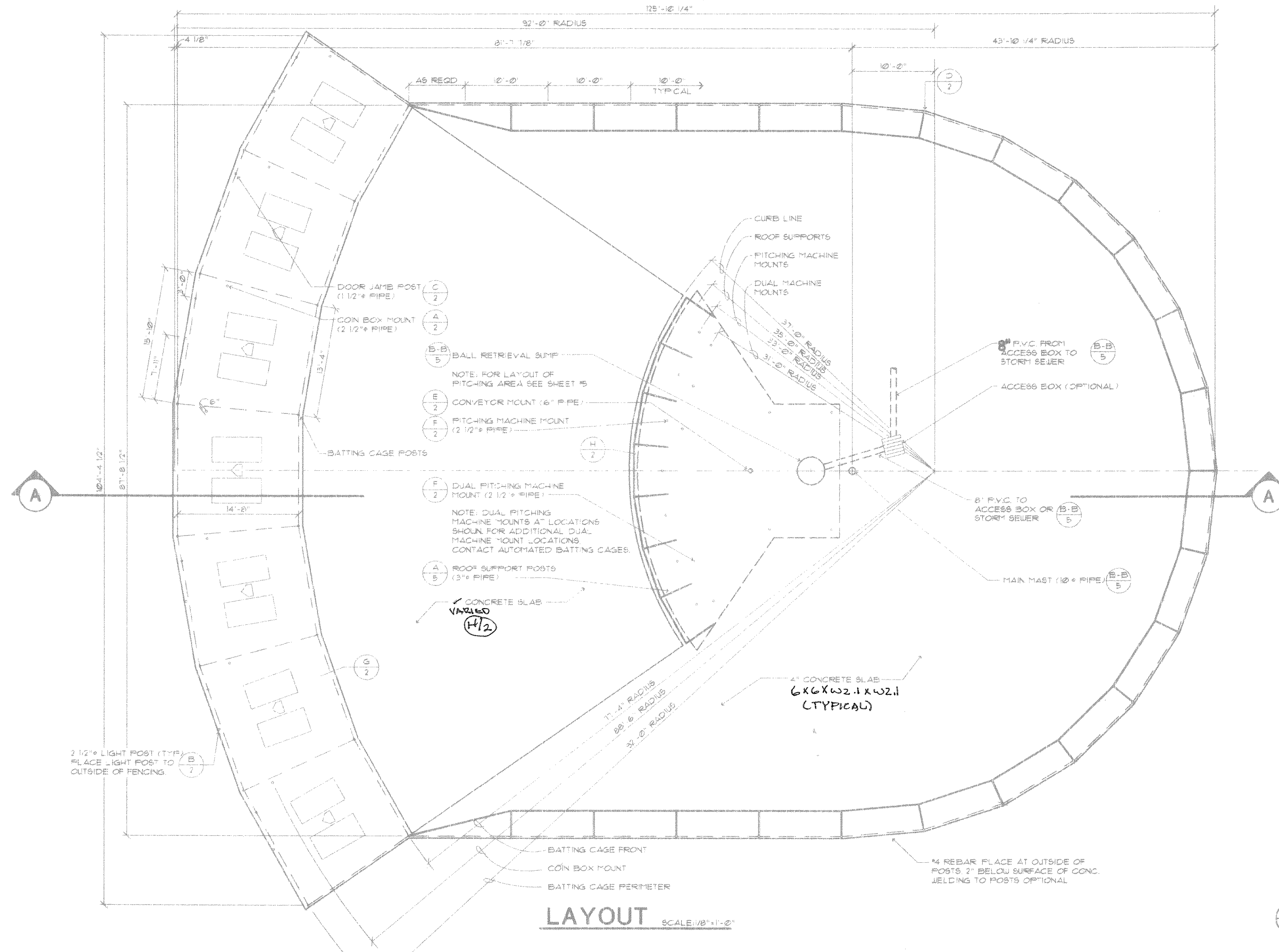


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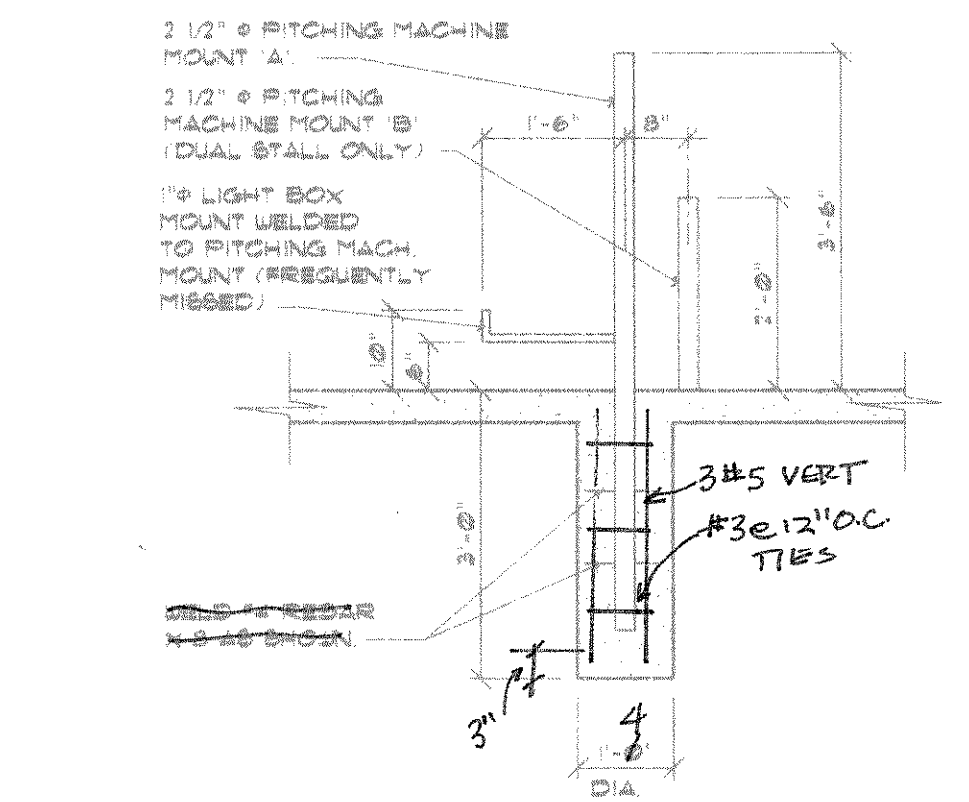
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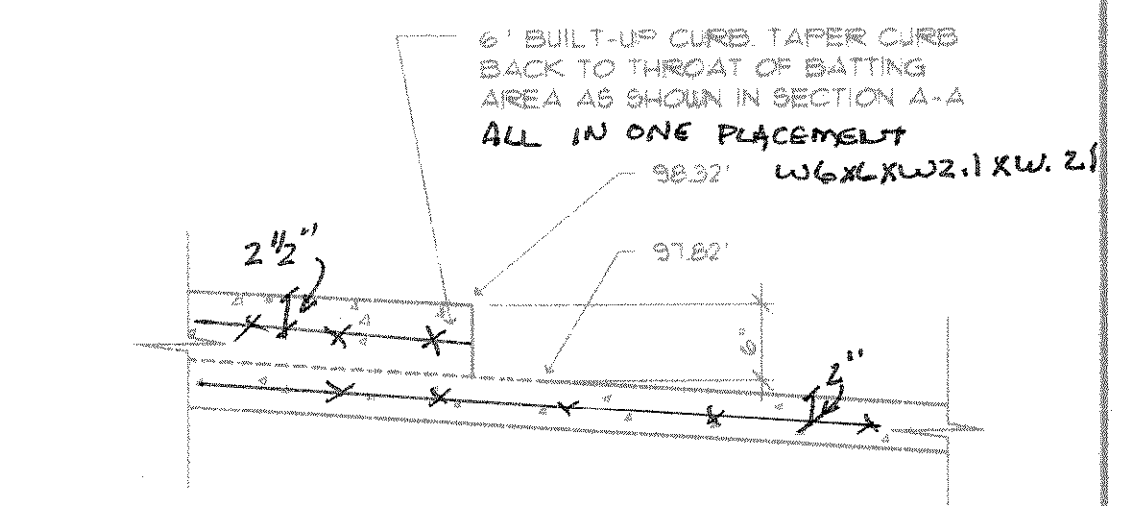
SECTION A-A
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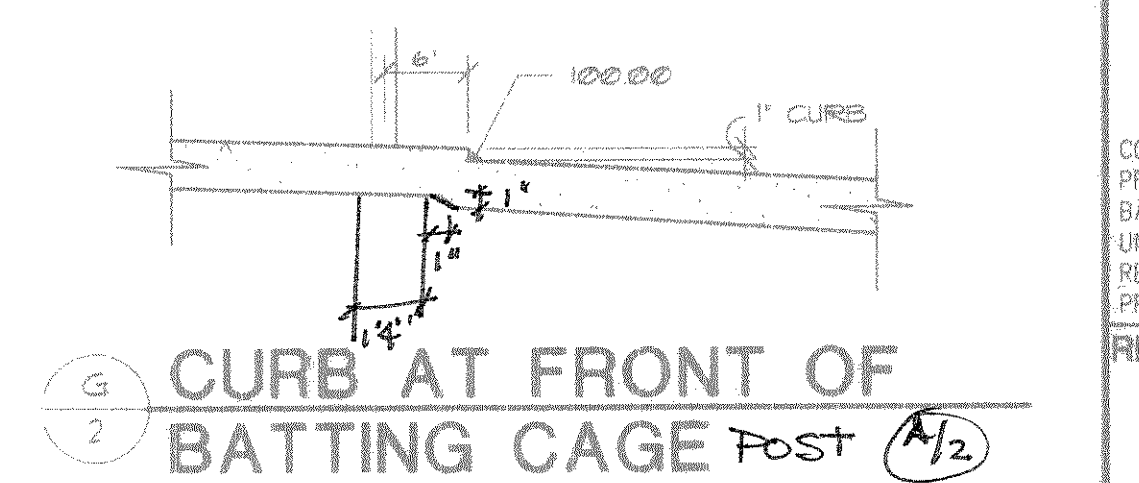
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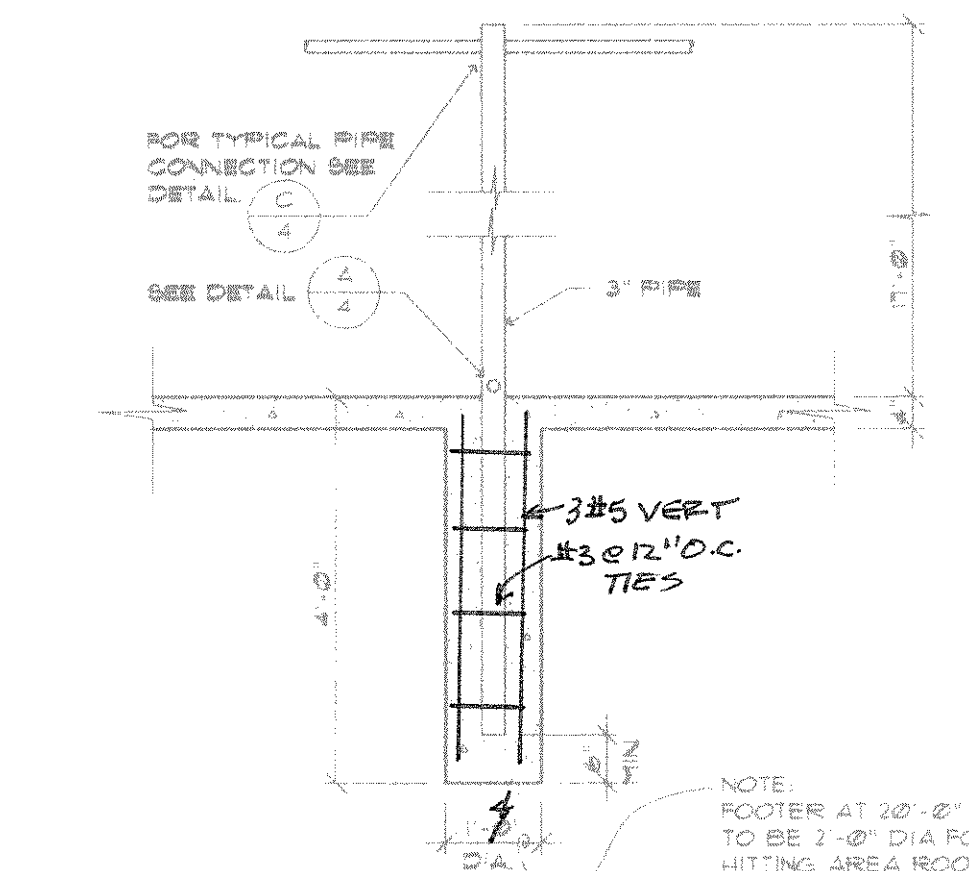
PITCHING MACHINE and LIGHT BOX MOUNTING POSTS
SCALE: 1/2" = 1'-0"



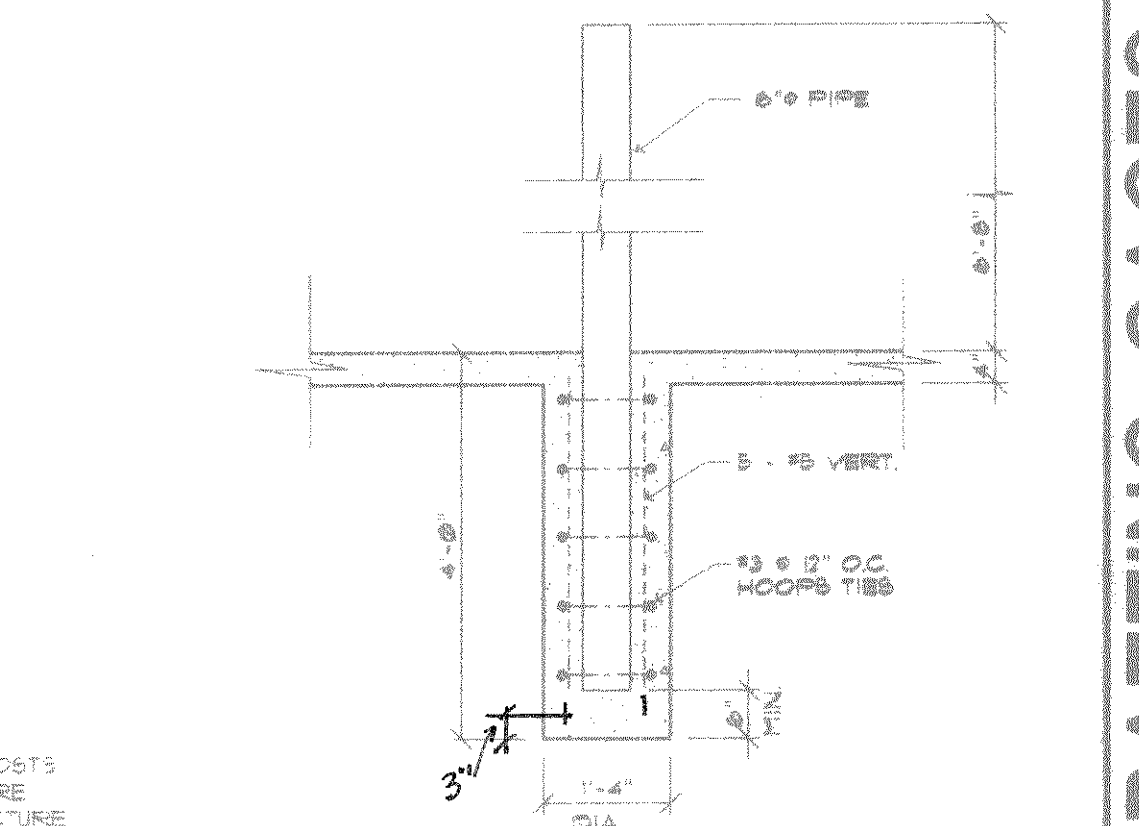
CURB AT 37'-0" RADIUS



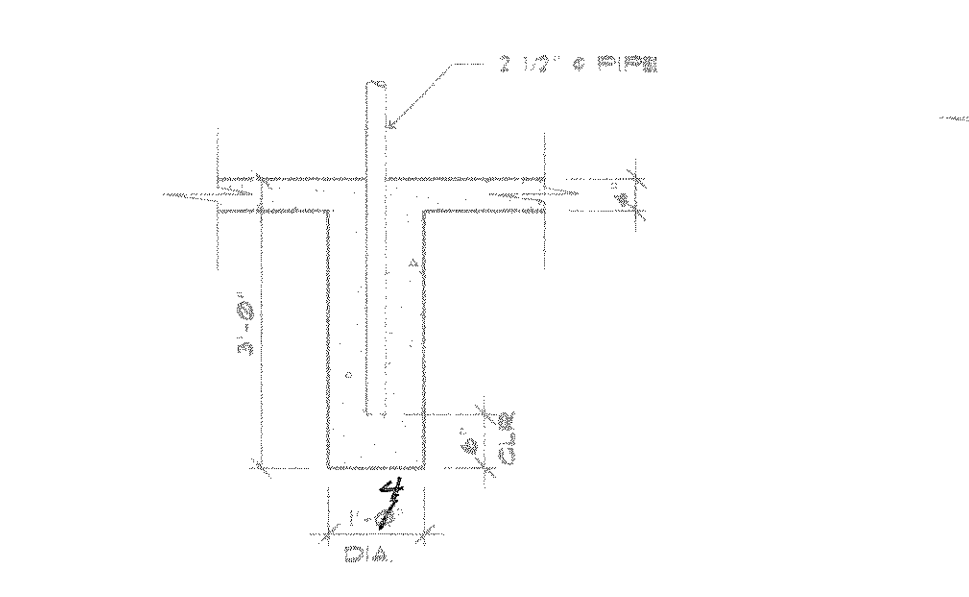
CURB AT FRONT OF BATTING CAGE Post



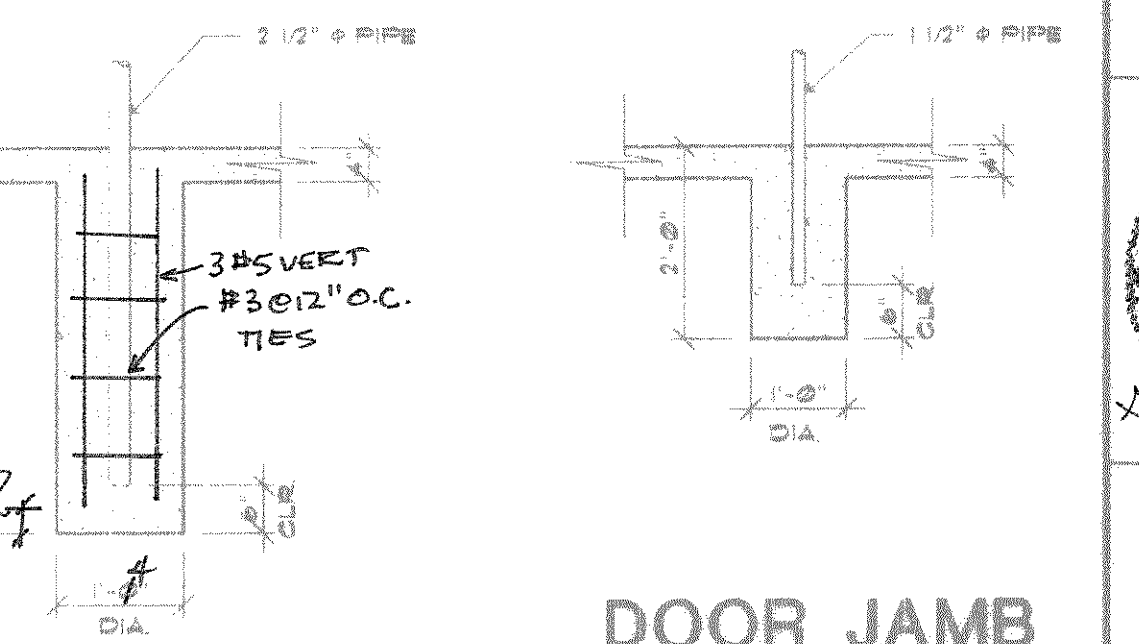
OUTFIELD PERIMETER POSTS
SCALE: 1/2" = 1'-0"



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



COIN BOX MOUNTS
SCALE: 1/2" = 1'-0"



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

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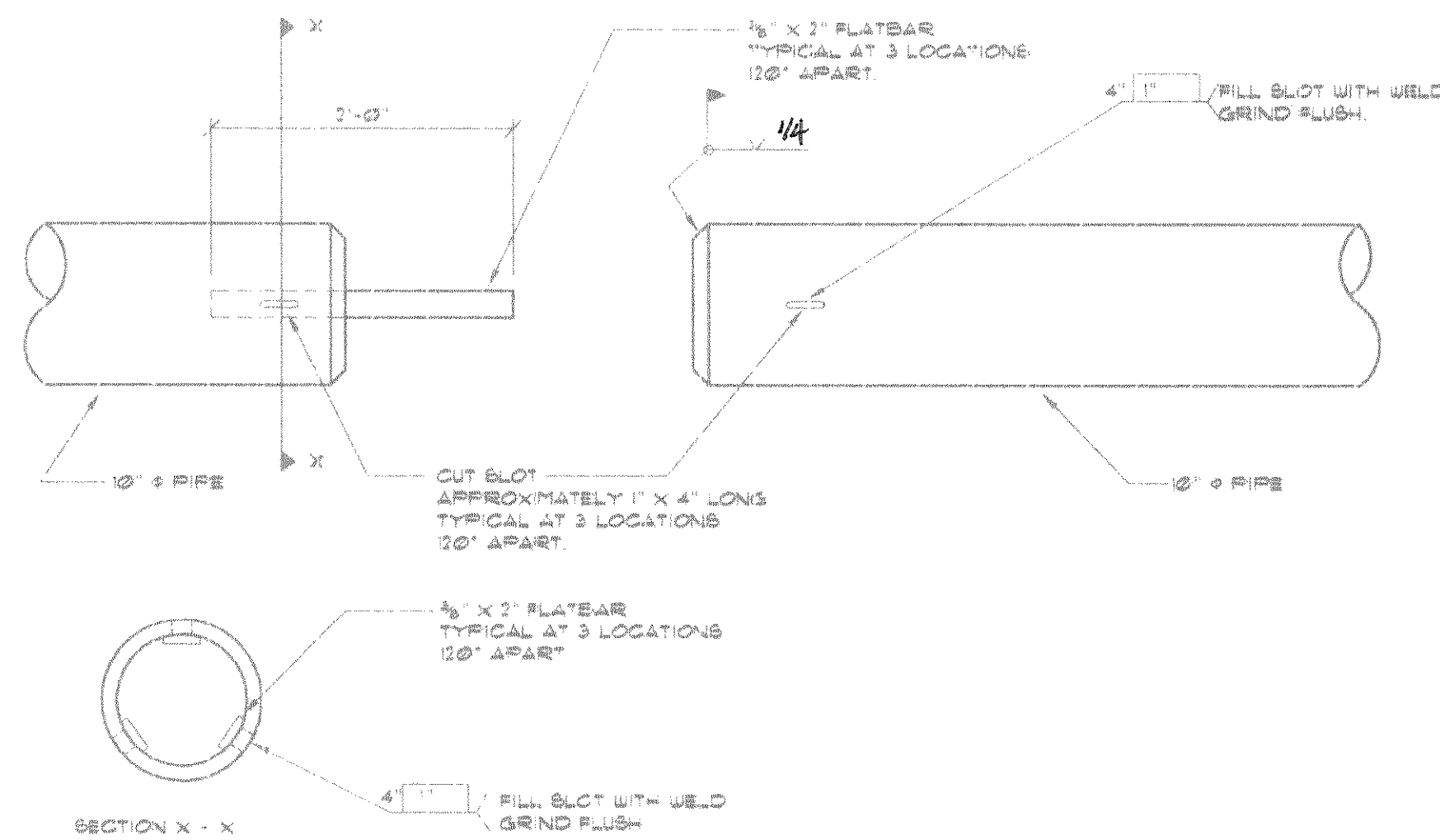
REVISIONS
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DESIGN
DRAWN
JOB NO.
DATE 3/2/96

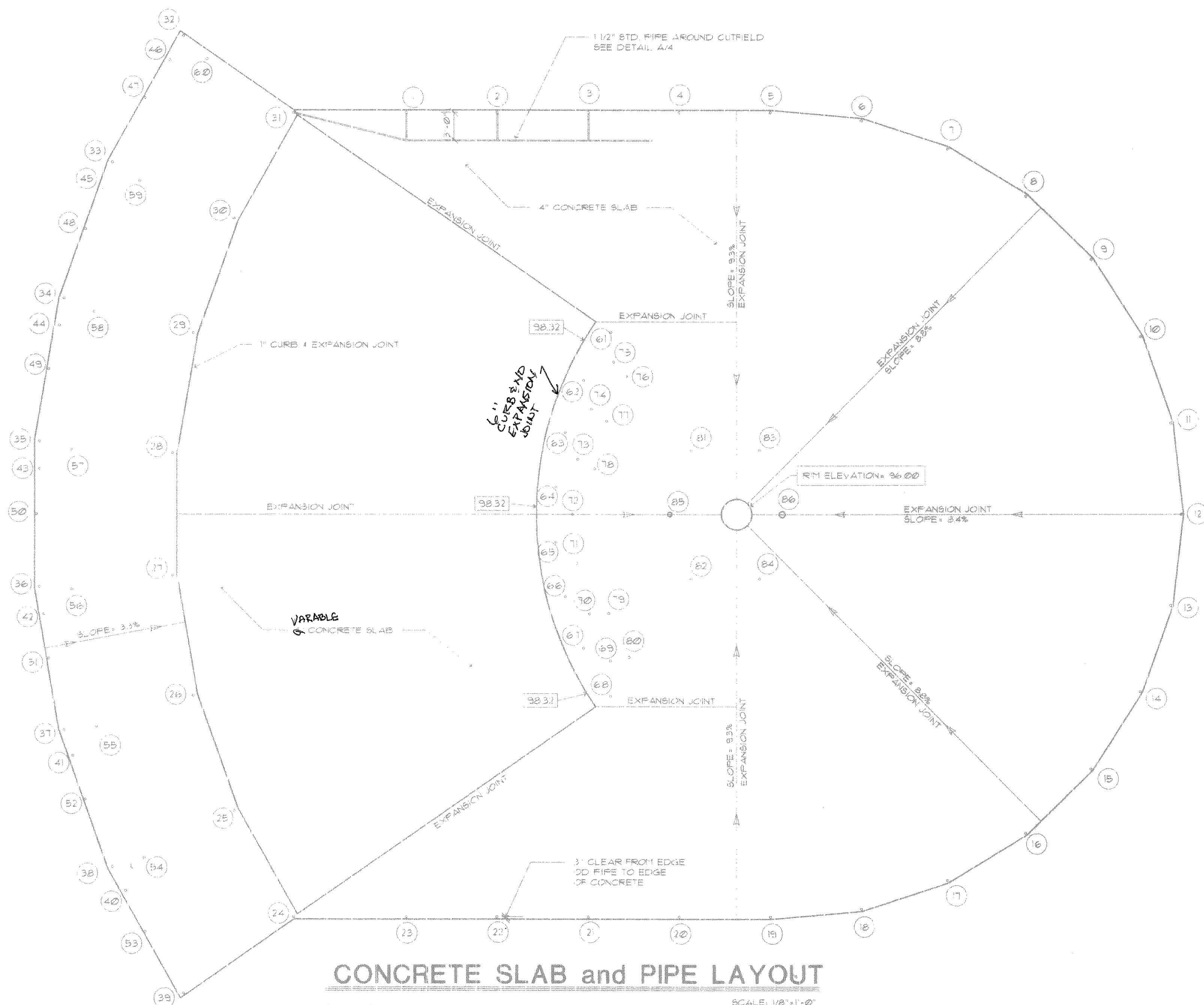
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PHONE - (503) 390-5714

STATE OF OREGON
GARY MACK HOBBS
#42589
REGISTERED PROFESSIONAL ENGINEER
10-9-96

2
7
T-STATION RANGE



1 MAIN MAST SPLICE
3 SCALE: NOT TO SCALE



CONCRETE SLAB and PIPE LAYOUT

NOTE: SEE SHEET NO. 7 FOR
MORE GRADING INFORMATION

SCALE: 1/8\"/>

PIPE SCHEDULE			
PIPE NUMBER	NOMINAL DIAMETER IN INCHES	ELEVATION AT TOP OF PIPE	ELEVATION AT TOP OF CONC SLAB
1 THRU 23	3"	117.00	120.00
24 THRU 31	3"	120.17	120.00
32 THRU 39	2 1/2"	118.00	120.56
40 THRU 46	1 1/2"	110.50	120.58
47 THRU 53	2 1/2"	118.00	120.56
54 THRU 60	2 1/2"	124.45	120.45
61 THRU 68	3"	125.76	97.76
69 THRU 75	2 1/2"	120.95	97.45
76 THRU 80	2 1/2"	93.45	97.36
81, 82	3"	121.54	96.54
83, 84	3"	123.59	96.59
85	6"	123.34	96.68
86	10"	141.25	96.25

OUTFIELD POST
BATTING CAGE
BATTING CAGE
DOOR JAM
LIGHT POST
COIN BOX
ROOF
PITCHING MACHINE
DUAL PITCHING
STANDARD PIPE
STANDARD PIPE
CONVEYOR
MAIN MAST

NOTE: ASSUMED ELEVATION 120.00 IS SLAB GRADE AT OUTFIELD PERIMETER
SEE SECTION A-A, SHEET 2/1

RECOMMENDED PIPE DIMENSIONS		
NOMINAL PIPE SIZE	DIAMETER	THICKNESS
1"	1 3/8"	133
1 1/2"	2"	145
2"	2 1/2"	154
2 1/2"	3"	203
3"	3 1/2"	216
6"	6 3/8"	280
10"	10 3/4"	365
12"	12 3/4"	426

SCHEDULE CONFORMS TO ASTM A-53 GRADE B

GENERAL NOTES

GENERAL:

ALL WORK SHALL BE COMPLETED UNDER TERMS AND CONDITIONS OF THESE DOCUMENTS
AND SHALL BE IN STRICT COMPLIANCE WITH THE GOVERNING LOCAL, COUNTY AND STATE CODES.

CONCRETE:

ALL CONCRETE FOR FOOTINGS, SLABS AND WALKS SHALL BE STANDARD 2500 PSI, 28 DAY
STRENGTH. ALL CEMENT SHALL BE PORTLAND CEMENT CONFORMING TO ASTM C-150, TYPE I OR 2.
CONCRETE SHALL HAVE A MINIMUM OF 5 BAGS OF CEMENT PER CUBIC YARD.

CONCRETE FLATWORK SHALL BE AS INDICATED ON DRAWINGS. SEE PLANS FOR SUGGESTED
LOCATIONS OF EXPANSION AND CONTRACTION JOINTS. SMOOTH FINISH IN OUTFIELD AND LIGHT
BROOM FINISH IN STALLS.

ALL CONCRETE FOOTINGS ON VERTICAL POSTS TO BE POURED IN A TWO STEP PROCESS.
FIRST POUR WILL INCLUDE THE CONCRETE BASE. SECOND POUR WILL INCLUDE PLACING MEMBER
IN HOLE AND POURING AROUND MEMBER. THIS PROCESS IS USED AS A METHOD OF SETTING
POST WITHOUT USE OF SHORING OR HOLDING DEVICES.

CONCRETE REINFORCING:

REINFORCING BARS SHALL BE DEFORMED, INTERMEDIATE GRADE STEEL CONFORMING WITH
"SPECIFICATIONS FOR BILLET-STEEL CONC. REINFORCEMENT BARS," ASTM A-615 GRADE 60.

WELDED WIRE FABRIC SHALL CONFORM TO ASTM-105.

STRUCTURAL STEEL:

ALL STRUCTURAL STEEL PIPING SHALL BE GALVANIZED STEEL PIPE (6\"/>

ALL WELDING SHALL BE PERFORMED BY A CERTIFIED WELDER CONFORMING TO AWS STANDARDS.

GALVANIZED STEEL FENCING:

FABRIC TO BE 9 GAUGE GALVANIZED WIRE TO A HEIGHT OF 10\"/>

NETTING:

HEAVY DUTY OUTDOOR (SUNTREATED) TYPE COVER ENTIRE OUTFIELD AND PERIMETER TO 11\"/>

PIPE CONNECTIONS:

PIPE CONNECTIONS ARE SHOWN AS RADIUS END CUTS WITH WELDS. ALTERNATE CONSTRUCTION
TO BE PIPE FITTINGS WITH WELDS AT OWNERS OPTION.

THE FOLLOWING ITEMS ARE AVAILABLE FROM A.B.C.

PITCHING MACHINE, BASEBALL
PITCHING MACHINE, SOFTBALL
BALL COLLECTOR ASSEMBLY
BALL CONVEYOR ASSEMBLY
BALL RETRIEVAL BUMP LINER
BALL SORTER AND DISTRIBUTION ASSEMBLY
COIN BOX
CABLE PULLEY ASSEMBLY
WINCH AND CABLE
NETTING SLIDE COLLAR
CONTROL BOX (MICROPROCESSOR)
COMPLETE CAGE NETTING

NOTE:

A.B.C. IS NOT RESPONSIBLE FOR ANY INQUIRIES
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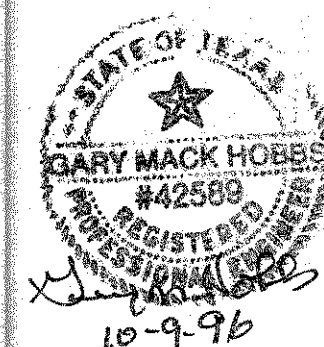
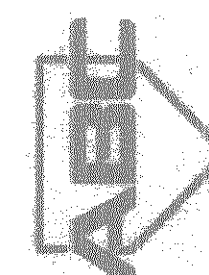
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JOB NO.

DATE

AUTOMATED BATTING CAGES

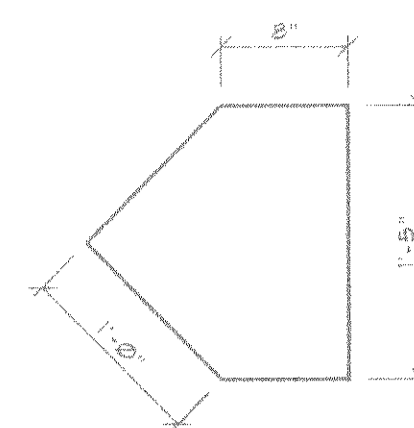
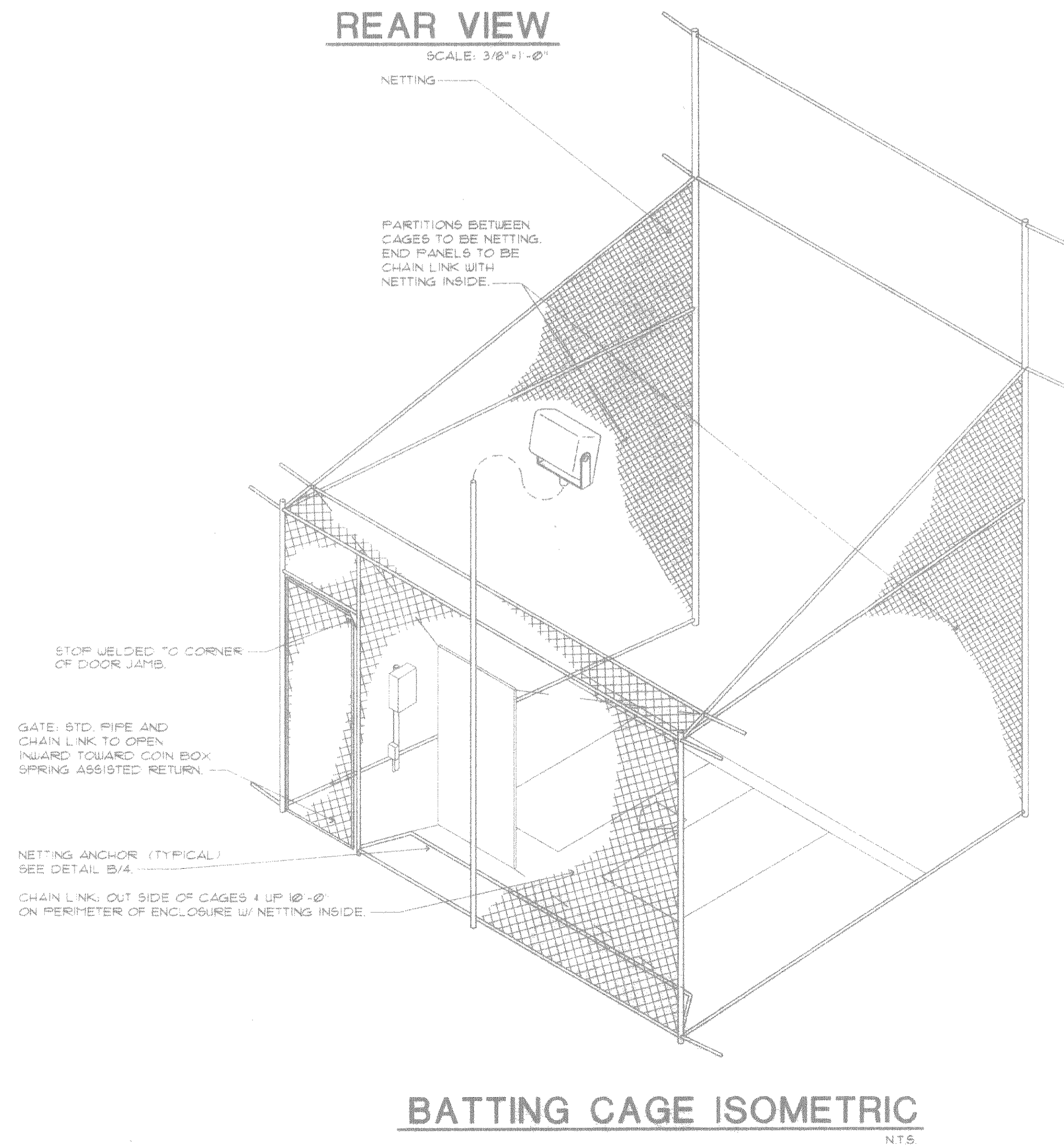
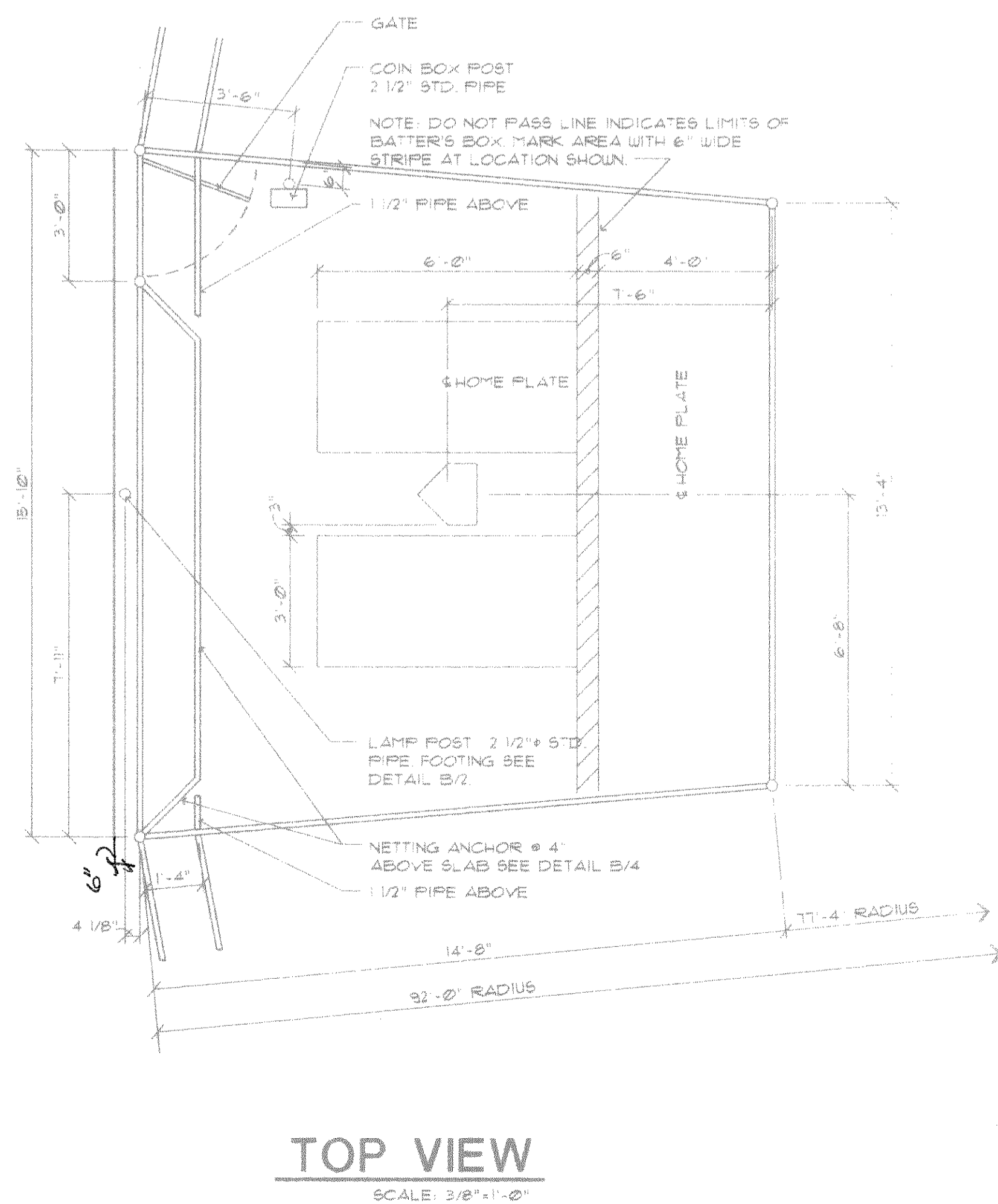
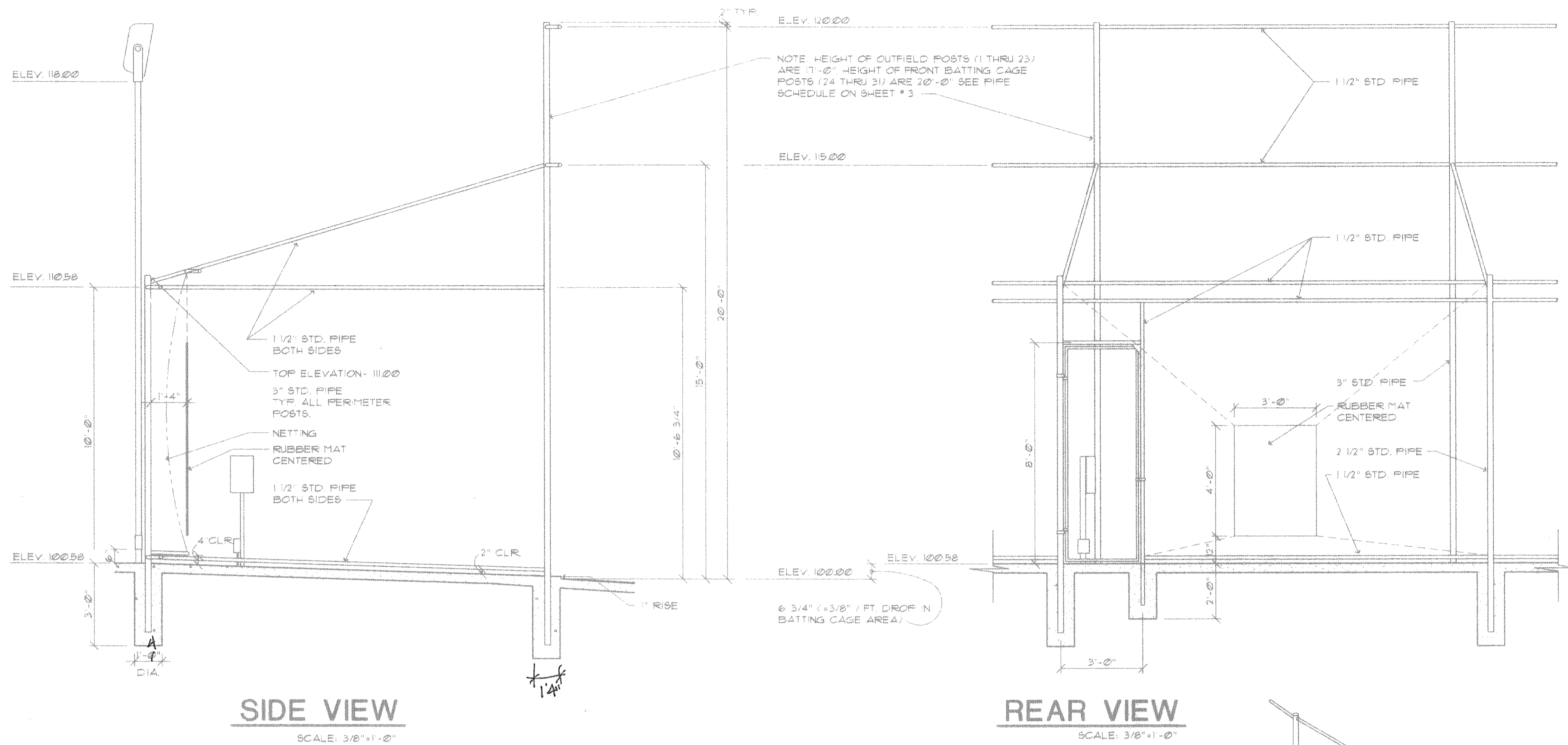
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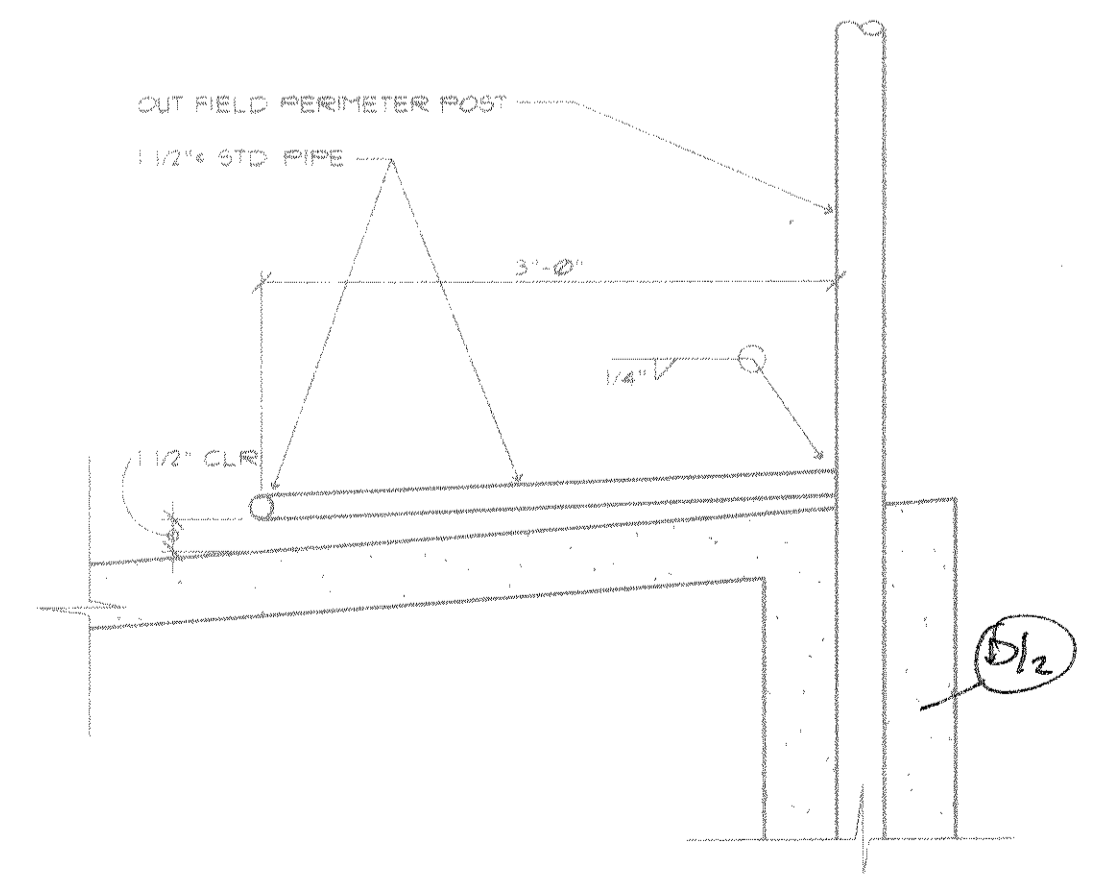
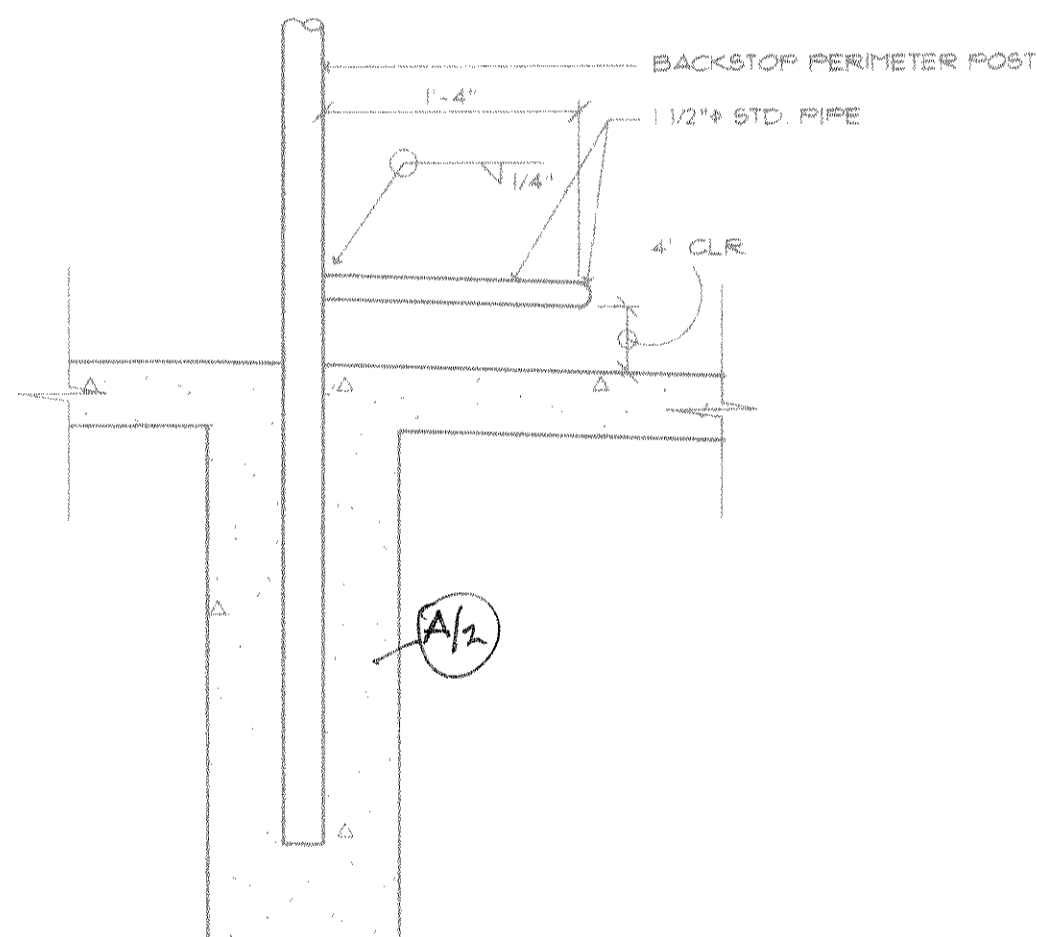
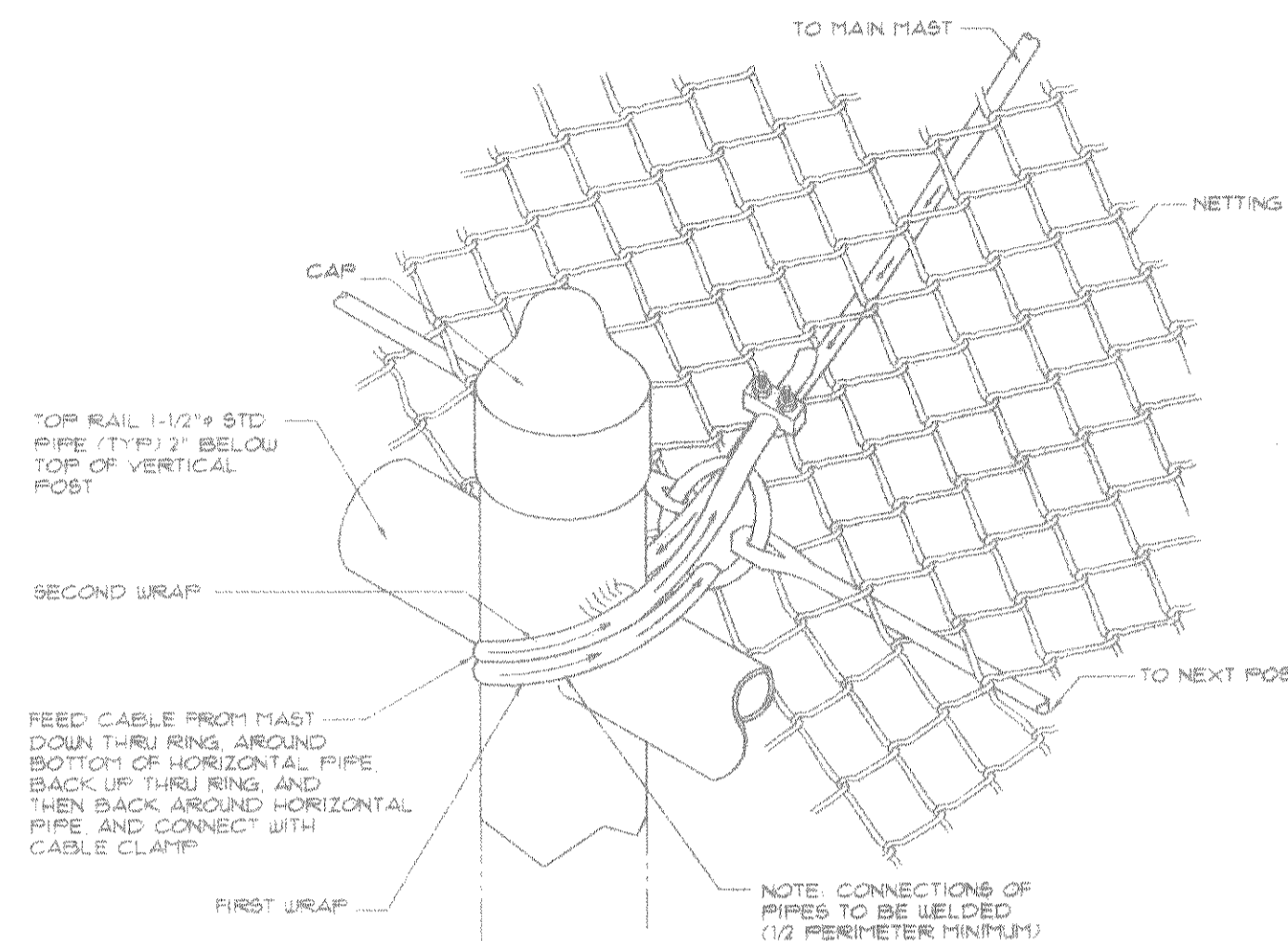
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1-STATION RANGE

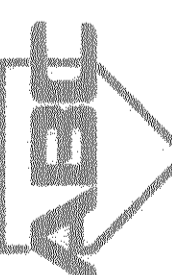


HOME PLATE DETAIL



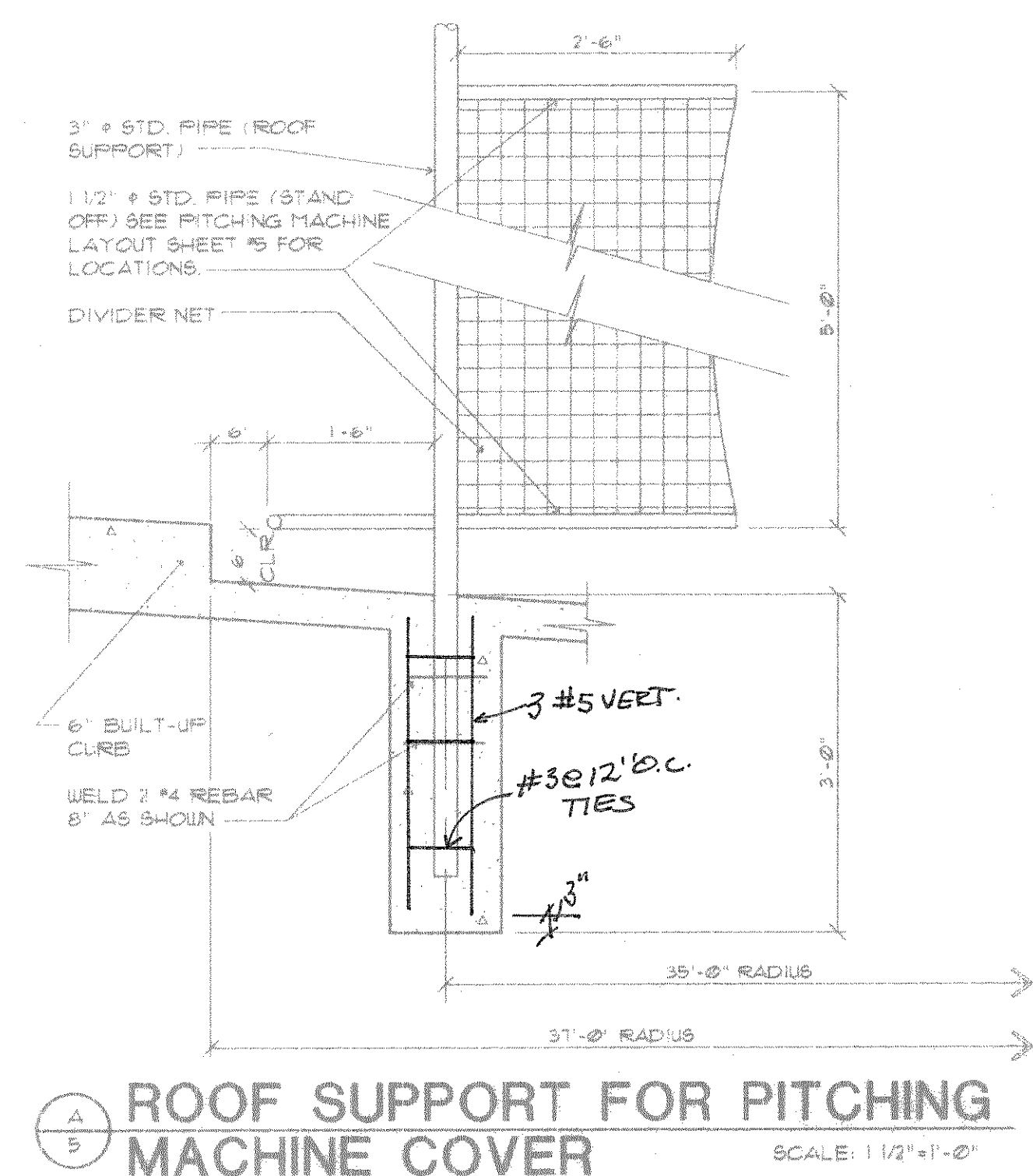
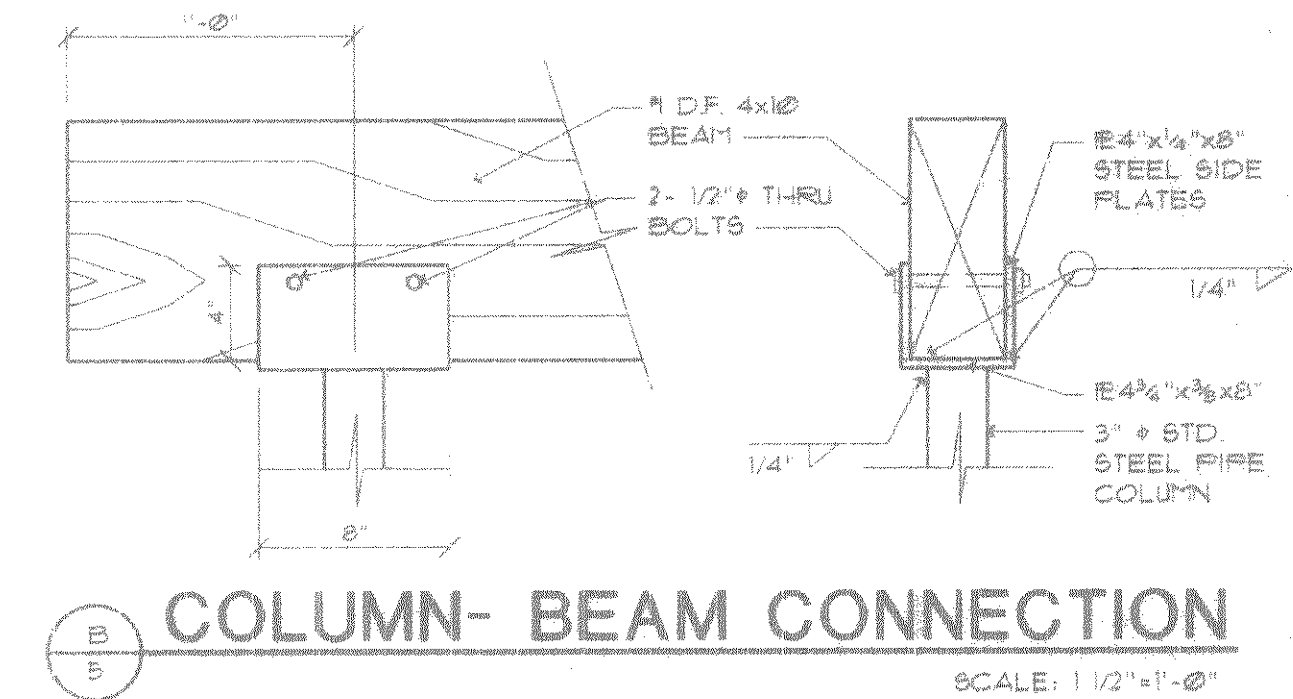
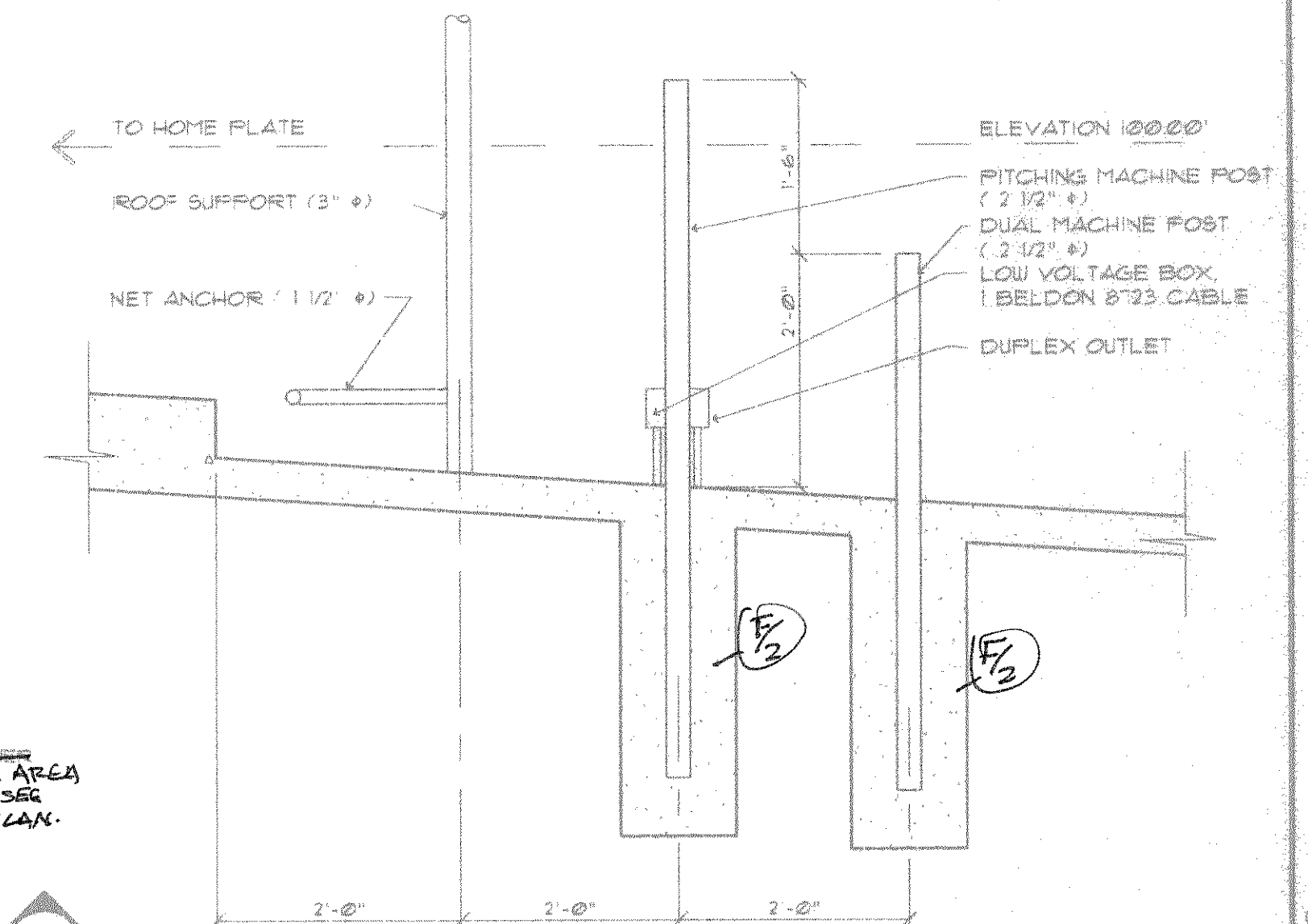
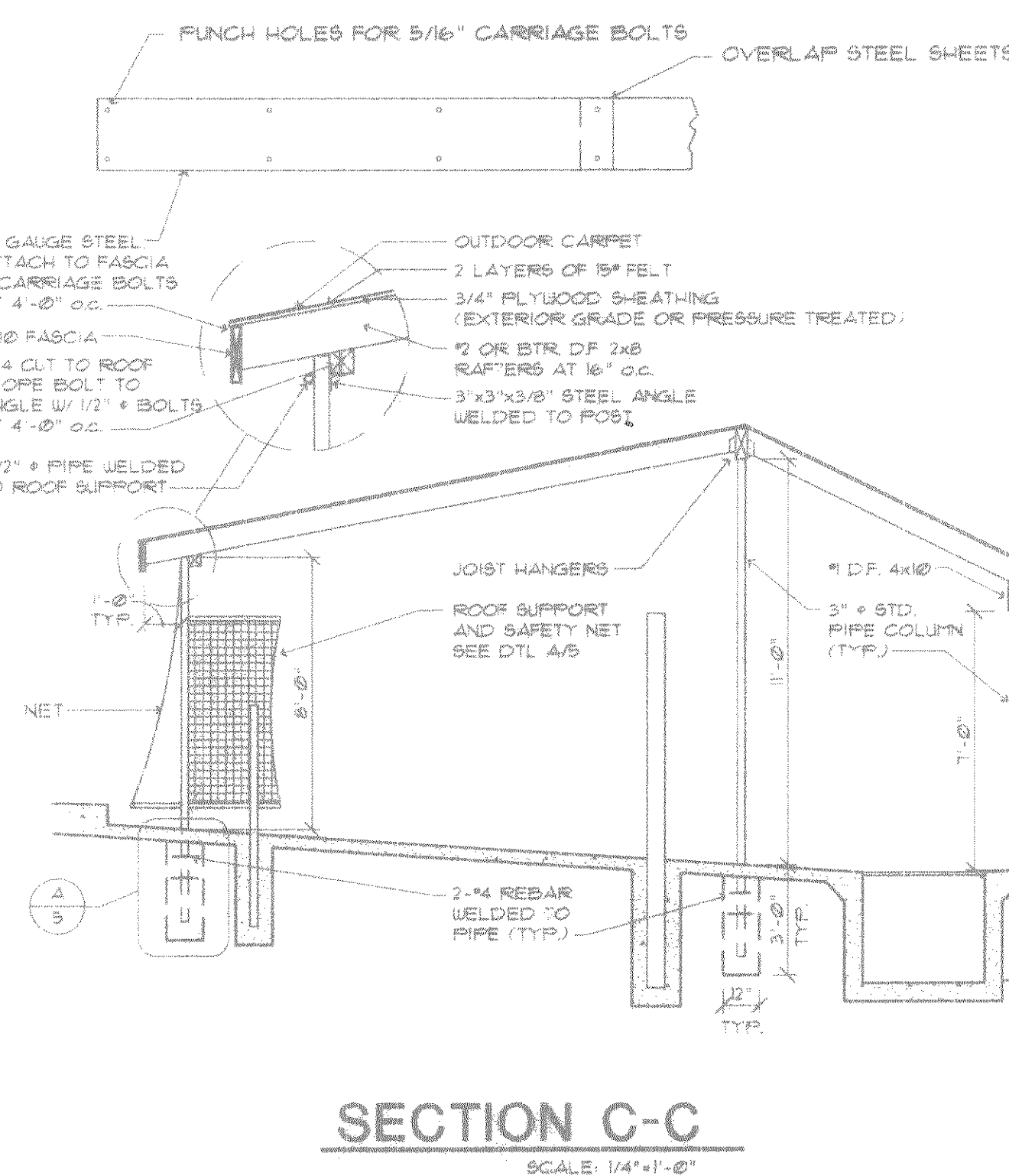
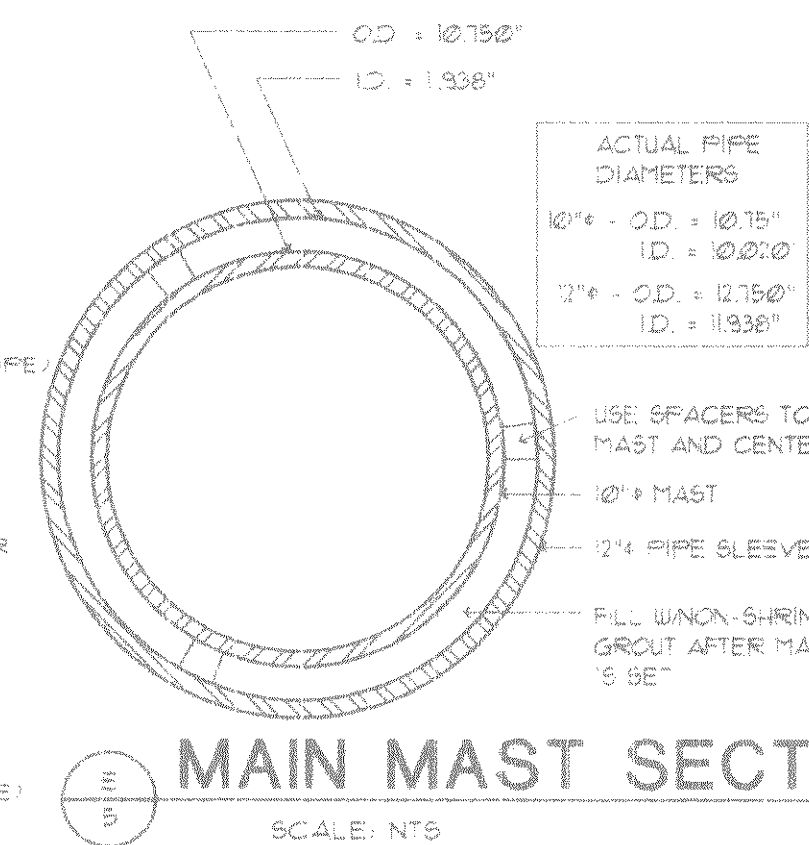
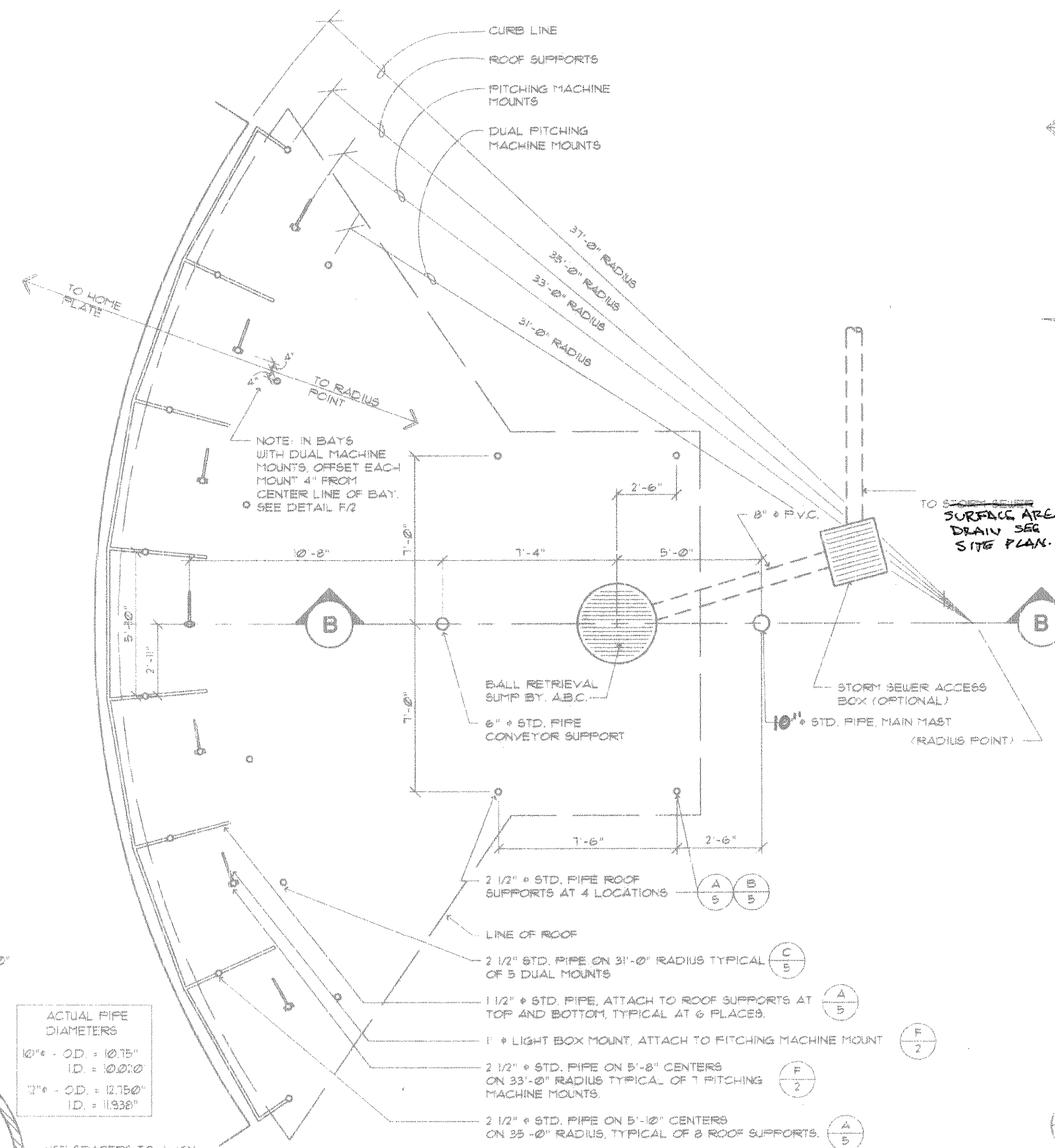
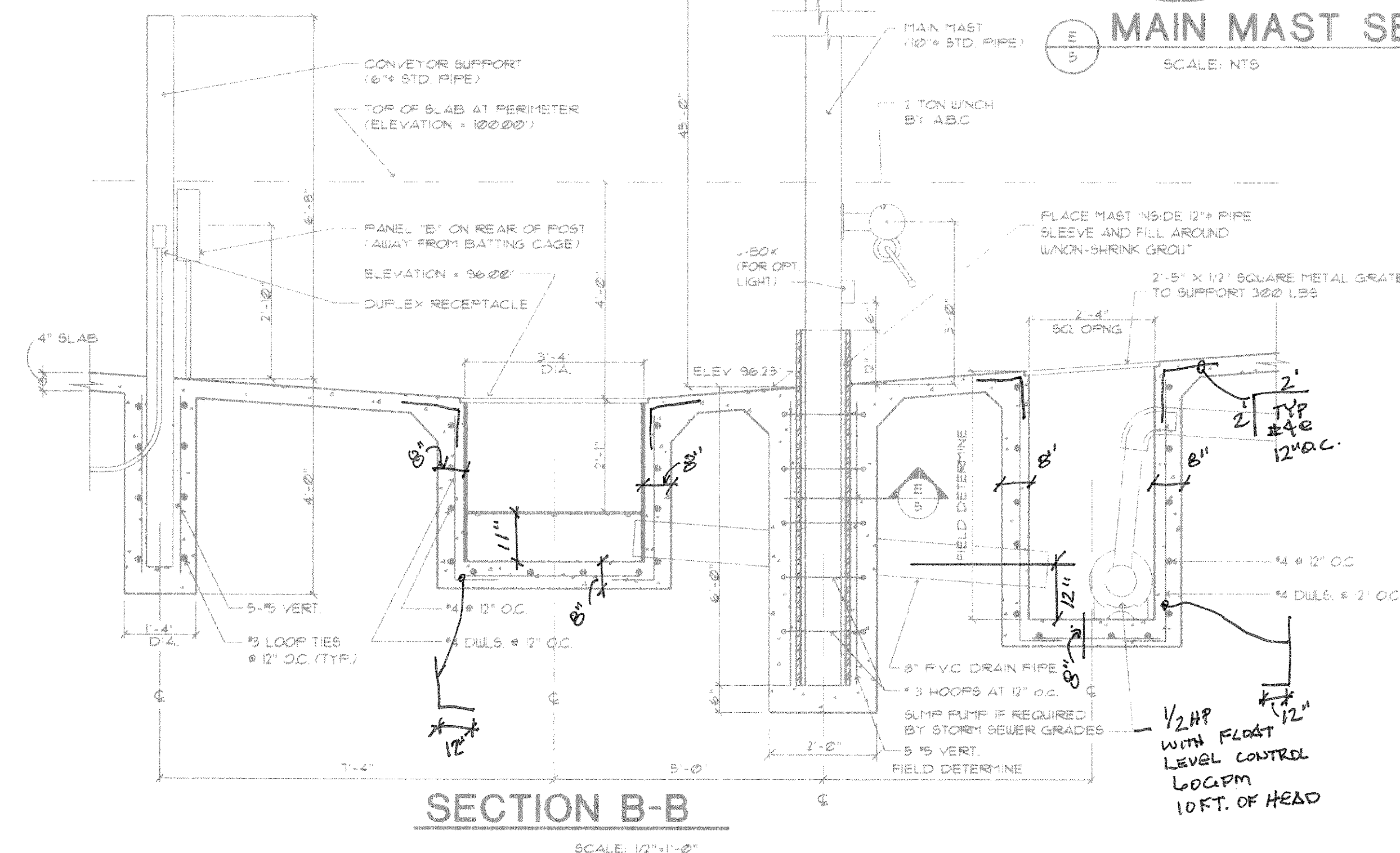
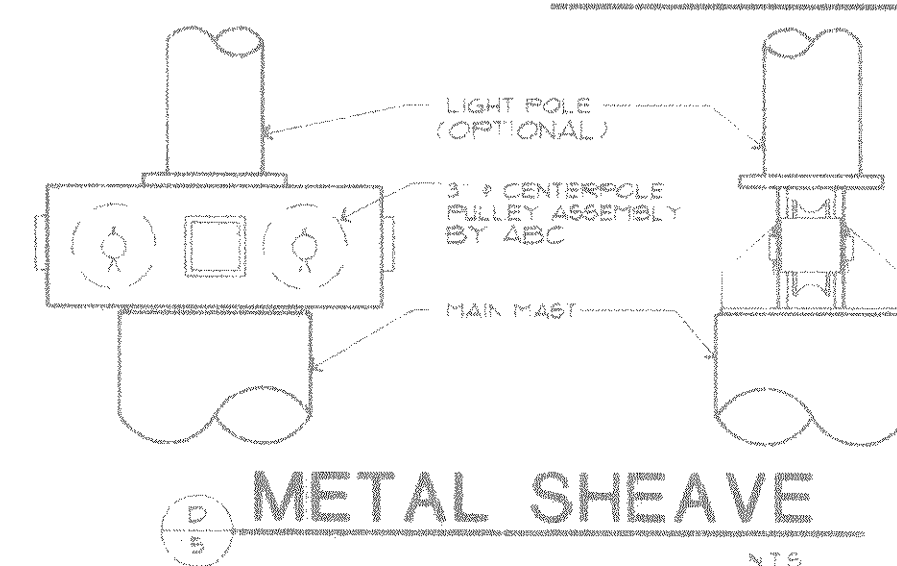
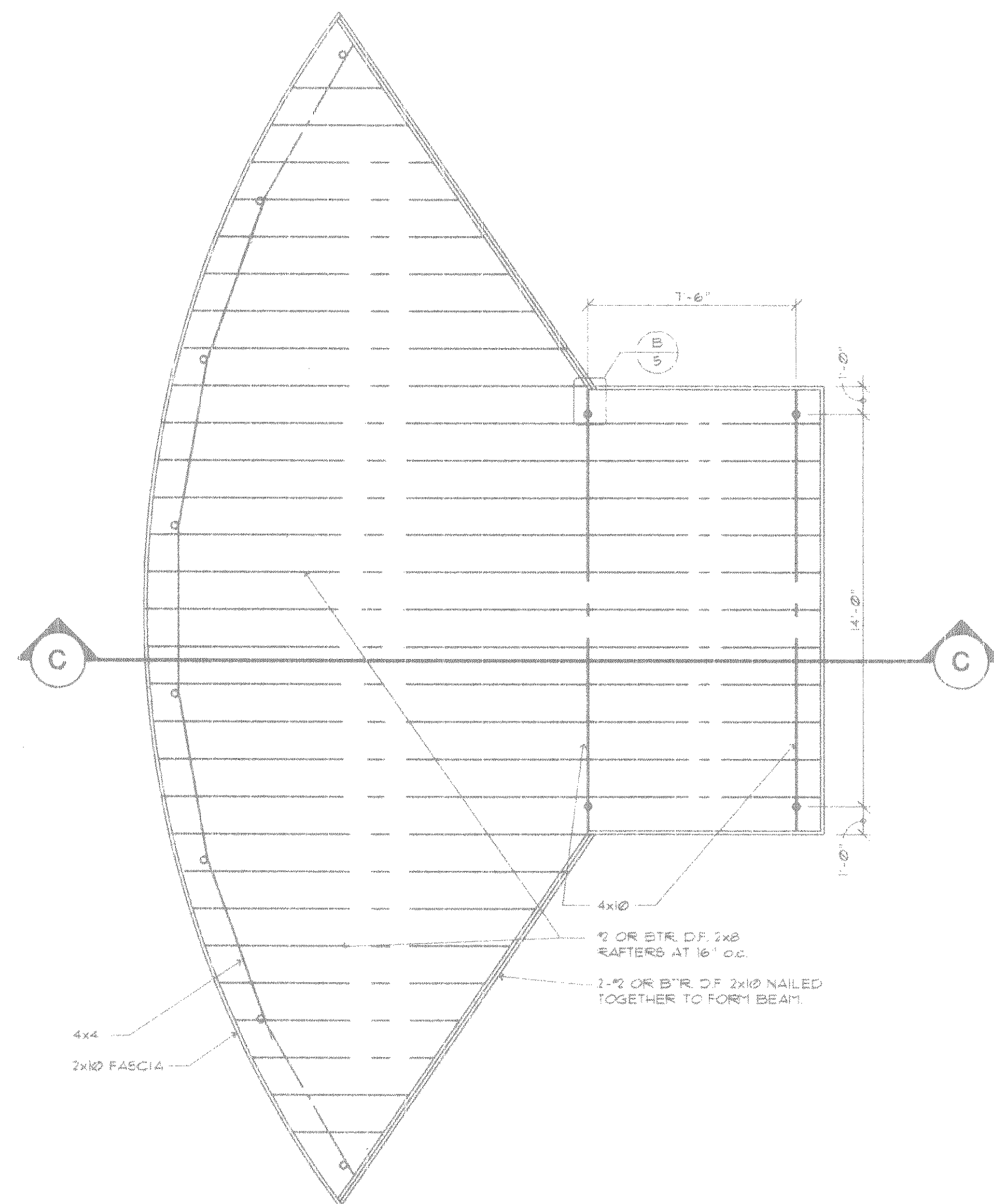
AUTOMATED BATTING CAGES

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1-STATION RANGE

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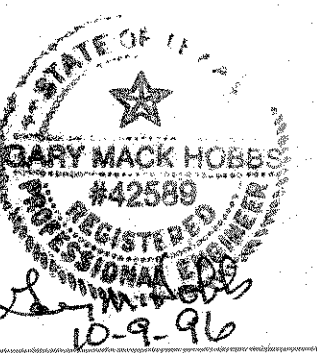
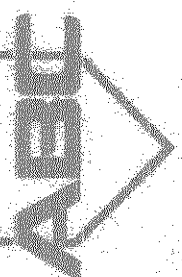
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THE STATION RANGE

ELECTRICAL PANEL SCHEDULE: ABC AUTOMATED BATTING CAGES									
BOTTOM FEED POSITION			SURFACE MOUNTING		PANEL NO. A		MAINB 275A 140 VAC RATE		
SERVICE VOLTAGE 00/140V 10 3U			PANEL DESCRIPTION		GOOD SUBJETS 22B A BREAKER				
CB	WIRE 4 CONDUIT	LOAD SERVED	1 #	LOAD WATTS aA bB cC	LOAD SERVED	WIRE 4 CONDUIT			
10	10 1/2 1/2 1/2	POLE LIGHTING	1	1400	2	SUB PANEL B			10
10	10 1/2 1/2 1/2		3	400	4				10
10	10 1/2 1/2 1/2	MIST LIGHTING	3	400	4	CONVEYOR			10
10	10 1/2 1/2 1/2		7	1000	8	SLAVE PANEL			10
10	10 1/2 1/2 1/2		9	1000	10	SPARE			10
10	10 1/2 1/2 1/2	CONTRACT PANEL	11	1000	12	SPARE			10
10	10 1/2 1/2 1/2	SPARE	13	1000	14	SPARE			10
10	10 1/2 1/2 1/2	BLANK	15		16	BLANK			10
10	10 1/2 1/2 1/2	BLANK	17		18	BLANK			10
10	10 1/2 1/2 1/2	BLANK	19		20	BLANK			10
10	10 1/2 1/2 1/2	BLANK	21		22	BLANK			10
10	10 1/2 1/2 1/2	BLANK	23		24	BLANK			10
10	10 1/2 1/2 1/2	BLANK	25		26	BLANK			10
10	10 1/2 1/2 1/2	BLANK	27		28	BLANK			10
10	10 1/2 1/2 1/2	BLANK	29		30	BLANK			10
TYPE SUB COOPER			TOTALS		TOTAL LOAD WATTS		262388		
					DEMAND 27288				
TOTAL LOAD KVA/AMPS 274 / 142					PROTECTED LOAD-AMPS 142.8 / 100A BREAKER				

ELECTRICAL PANEL SCHEDULE: ABC AUTOMATED BATTING CAGES									
BOTTM FIXED POSITION		SURFACE MOUNTING		PANEL NO. <u>B</u>		PAINS <u>278A 242 VAC RATED</u>			
SERVICE VOLTAGE <u>240/240 10 BU</u>		PANEL DESCRIPTION <u>NOOTB-0100-00A 100A BREAKER</u>							
CB	WIRE & CONDUIT	LOAD SERVED	1	LOAD WATTS FA	2	LOAD SERVED	3	WIRE & CONDUIT	CB
18	100' 1/2" EMT	MOTOR NO. 1 1 HP	1	800	2	MOTOR NO. 4 1 HP	1	100' 1/2" EMT	18
18	100' 1/2" EMT	MOTOR NO. 2 1 HP	2	800	3	MOTOR NO. 5 1 HP	1	100' 1/2" EMT	18
18	100' 1/2" EMT	MOTOR NO. 3 1 HP	3	800	4	MOTOR NO. 6 1 HP	1	100' 1/2" EMT	18
18	100' 1/2" EMT	RECEPT 1HT TO POLE	4	500	5	MOTOR NO. 7 1 HP	1	100' 1/2" EMT	18
18	100' 1/2" EMT	RECEPT 1HT TO PANEL	5	500	6	SPARE	1	100' 1/2" EMT	18
18	100' 1/2" EMT	RECEPT 1HT TO PANEL	6	500	7	SPARE	1	100' 1/2" EMT	18
18	100' 1/2" EMT	SPARE	7	500	8	SPARE	1	100' 1/2" EMT	18
18	100' 1/2" EMT	SPARE	8	500	9	SPARE	1	100' 1/2" EMT	18
18	100' 1/2" EMT	BLANK	9	500	10	BLANK	1	100' 1/2" EMT	18
18	100' 1/2" EMT	BLANK	10	500					
18	100' 1/2" EMT	BLANK	11	500					
18	100' 1/2" EMT	BLANK	12	500					
18	100' 1/2" EMT	BLANK	13	500					
18	100' 1/2" EMT	BLANK	14	500					
18	100' 1/2" EMT	BLANK	15	500					
18	100' 1/2" EMT	BLANK	16	500					
18	100' 1/2" EMT	BLANK	17	500					
18	100' 1/2" EMT	BLANK	18	500					
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18	100' 1/2" EMT	BLANK	20	500					
18	100' 1/2" EMT	BLANK	21	500					
18	100' 1/2" EMT	BLANK	22	500					
18	100' 1/2" EMT	BLANK	23	500					
18	100' 1/2" EMT	BLANK	24	500					
18	100' 1/2" EMT	BLANK	25	500					
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18	100' 1/2" EMT	BLANK	171	500					

1. PANEL A TO BE RATED FOR SERVICE ENTRANCE.
2. PANEL B TO BE PROVIDED WITH GROUND BUS.
3. ALL BRANCH CIRCUIT BREAKERS TO BE BOLT-ON TYPE.
4. ALL BRANCH CIRCUIT BREAKERS SERVING MOTOR LOADS ARE TO BE UL LISTED HACR TYPE.

1. USE RIGID STEEL, PVC COATED CONDUIT ABOVE SLAB
2. CONTROL CABLES TO BE SUPPLIED BY CONTRACTOR. CABLES TO RUN CONTINUOUS, NO SPLICING ALLOWED
3. CONTROL PANEL (NEMA 3 R ENCLOSURE) SHOULD BE MOUNTED IN CONTROL BOOTH AND WITHIN 6' OF CAGE VIEWING WINDOW.
4. SUGGESTION: RUN 1' EXTRA 1" CONDUIT FROM PANEL 'A' TO PANEL 'B' FOR FUTURE WIRING NEEDS.
5. ALL UNDERGROUND CONDUITS TO BE TO BE MINIMUM 18" BELOW GRADE
6. ALL WIRING SHALL BE COPPER. USE OF ALUMINUM WIRE IS NOT ALLOWED.
7. ALL CONDUIT AND BOX FITTINGS SHALL BE SEALED TO PREVENT MOISTURE INTRUSION.

- ① SWITCH (SW1): CENTER LIGHT (IF USED)
SWITCH 2 (SW2): CONVEYOR
- ② CONTROL PANEL TO BE ON SEPARATE CIRCUIT.
- ③ PANEL B TO BE HAVE NEMA 3 R SEPARATE CIRCUIT.
- ④ PANEL A NEMA 1.
- ⑤ LITHONIA "HI-TEX" WPH4020MIN-240 ROLE MOUNTED LARGE FLOODLIGHT WITH 240V BALLAST AND UL LISTED FOR WET LOCATION.

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

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

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

CONVEYOR POST

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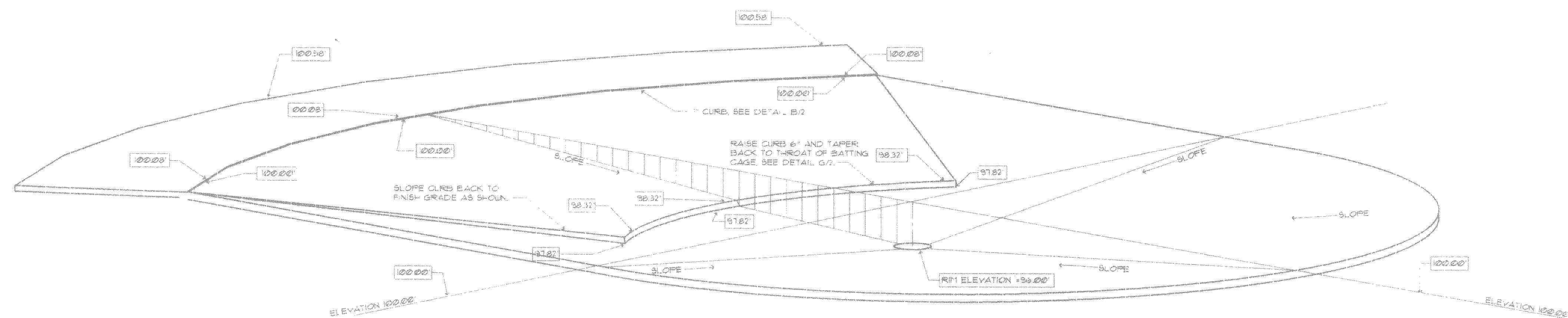
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A

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STATION RANGE



CONCRETE SLAB PERSPECTIVE

NT.6

NOTES:

THIS IS A SCHEMATIC OF A TYPICAL CONCRETE SLAB TO ILLUSTRATE CURB CONSTRUCTION FOR ADDITIONAL INFORMATION SEE SHEET 15.
ASSUMED ELEVATION 100.00' IS SLAB AT OUTFIELD PERIMETER; SEE SECTION A-A ON SHEET 12.

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