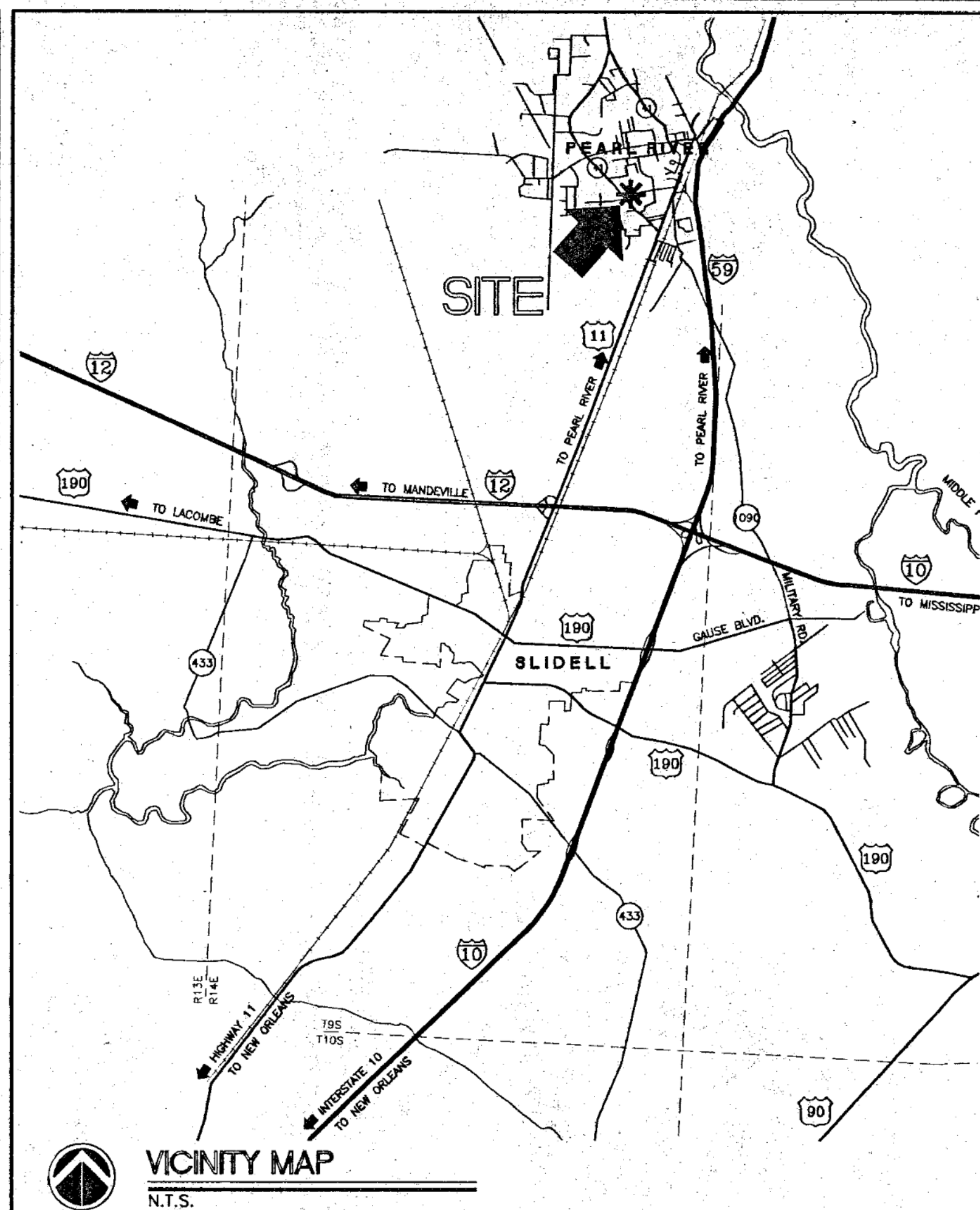
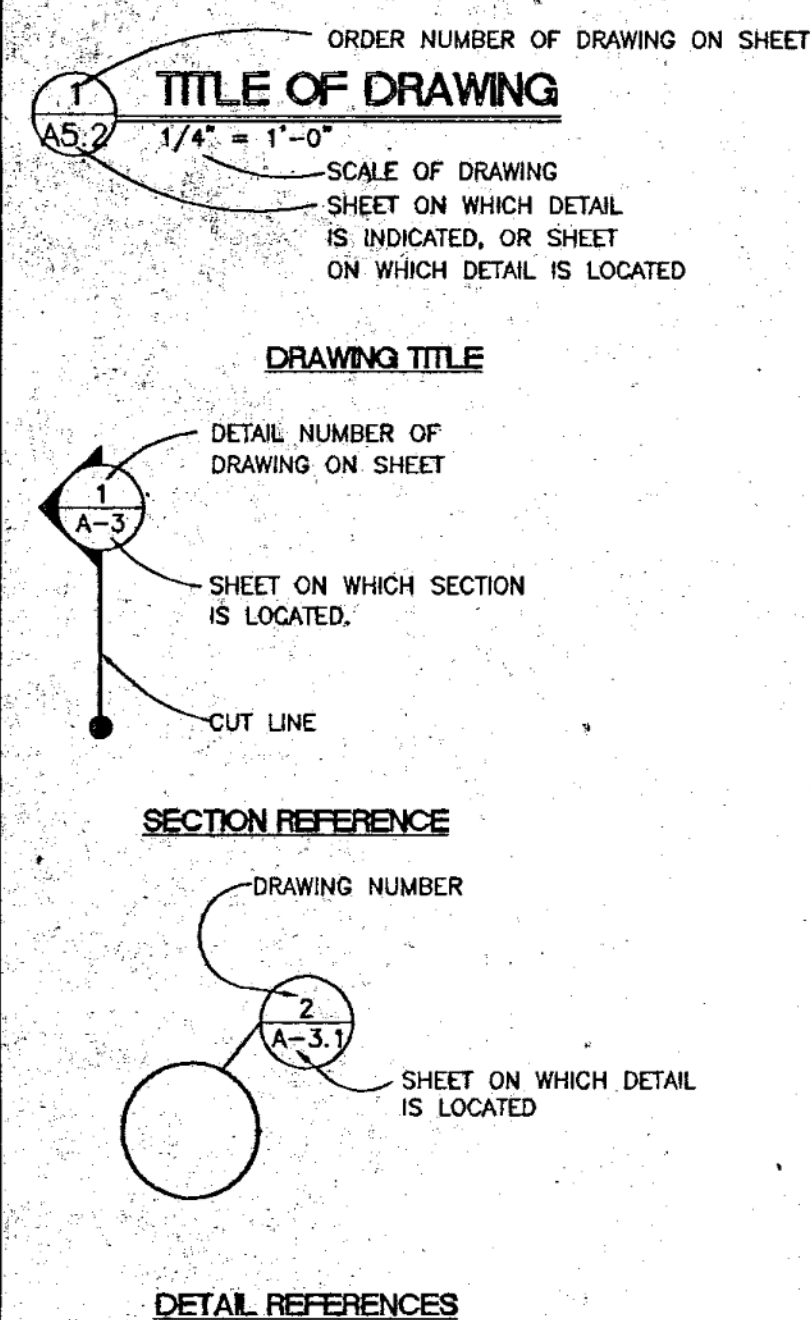


**SYMBOL LEGEND**



**INDEX TO DRAWINGS**

- CIVIL**
- C-0 TITLE SHEET
  - C-1 SITE PLAN - DEMOLITION
  - C-2 SITE PLAN - NEW CONSTRUCTION
  - C-3 GRADING PLAN
  - C-4 TRACK AND FIELD DETAILS
  - C-5 TRACK AND FIELD DETAILS

**RENOVATION OF EXISTING TRACK & FIELD FACILITIES**

AT

**PEARL RIVER HIGH SCHOOL**

FOR THE  
**ST. TAMMANY PARISH SCHOOL BOARD**  
 PROJECT #0105

**ST. TAMMANY PARISH, LOUISIANA**

**JOHN C. LAMARQUE**  
 PATTI YOUNG  
 PRESIDENT  
 DISTRICT 7

**LEONARD P. MONTELEONE**  
 SUPERINTENDENT

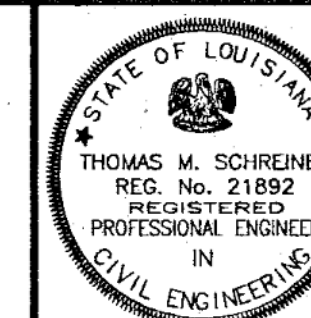
**PATTI YOUNG**  
 DIANE D. SAMBOLA  
 VICE PRESIDENT  
 DISTRICT 4

BOARD MEMBERS	DISTRICT	BOARD MEMBERS	DISTRICT
NEAL M. HENNEGAN	1	JOHN C. LAMARQUE	10
ELIZABETH B. HEINTZ	2	DR. E. ROTH ALLEN, PH.D.	11
DONALD L. BURRIS	3	JAMES 'RONNIE' PANKS, SR.	12
CHARLES T. HARRELL	5	ROBERT D. BROOME	13
DONALD J. VILLERE	6	RAY A. ALFRED	14
DANIEL G. ZECHENELLY	8	MARY K. LYNCH-BELLISARIO	15
CARMEN H. JOHNSON	9		

ST. TAMMANY PARISH SCHOOL BOARD PROJECT NO. 0105

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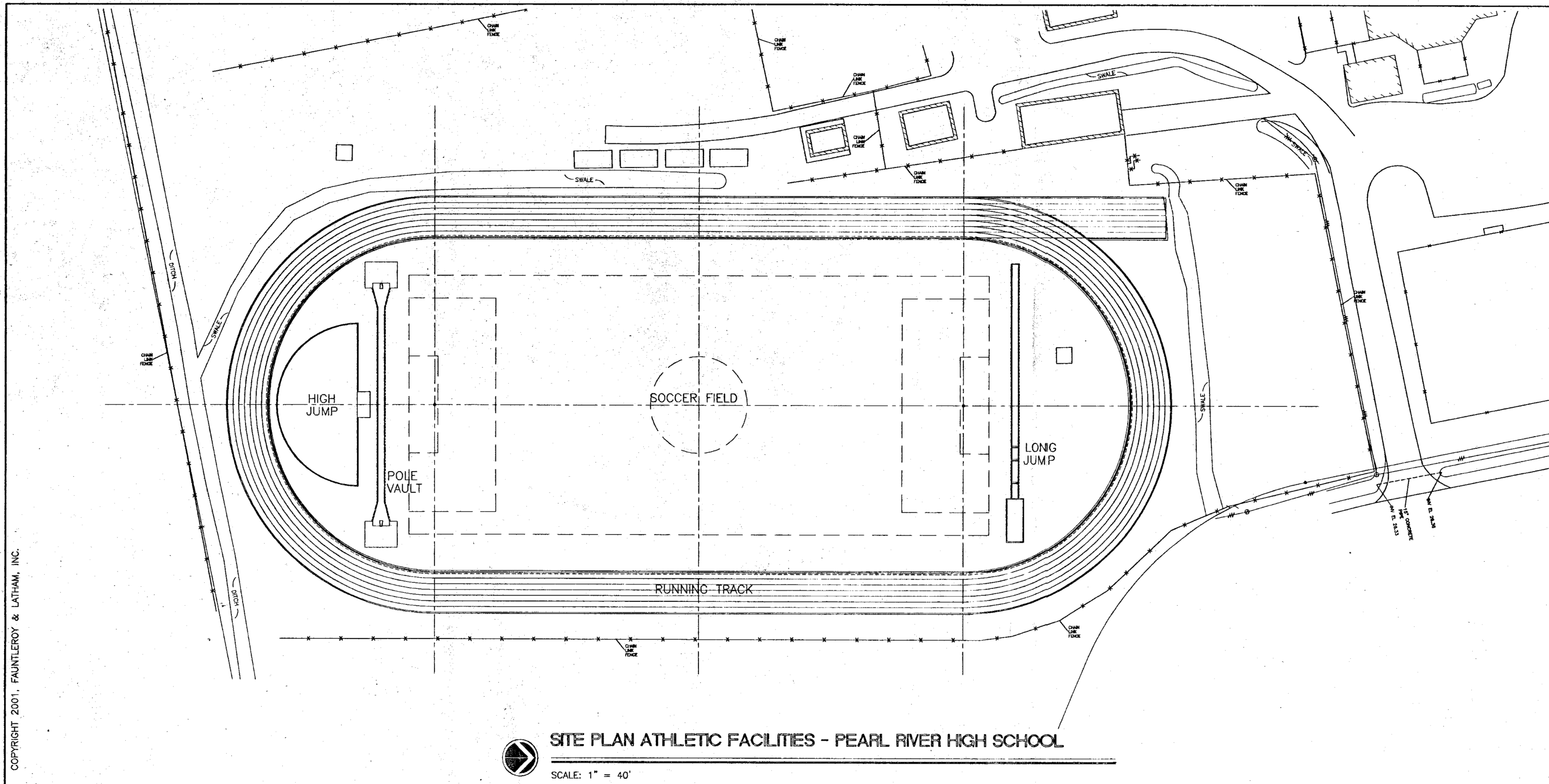


SYMBOL LEGEND  
 VICINITY MAP  
 INDEX TO DRAWINGS  
 SITE PLAN  
 PROJECT TITLE

2

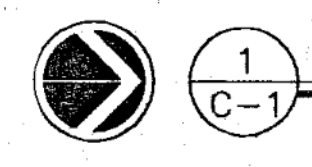
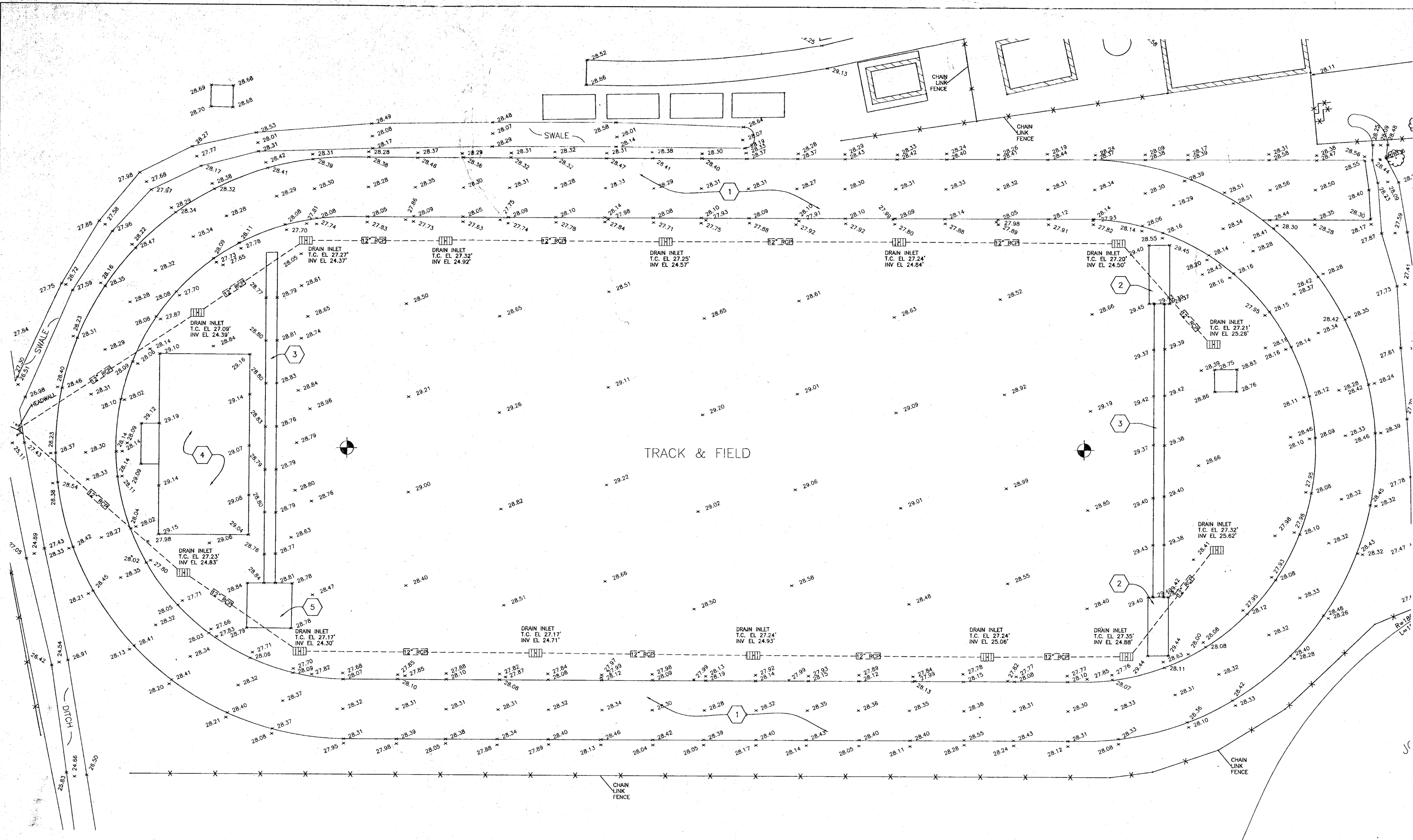
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C-0	Sheet
	Of 7



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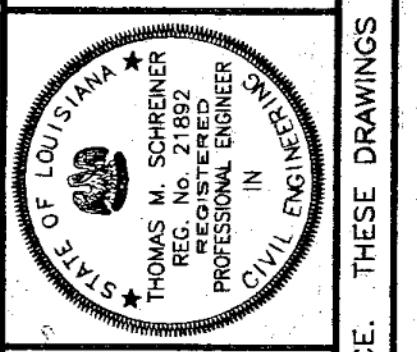
**1 SITE PLAN - DEMOLITION**

C-1 SCALE: 1" = 20'

**DEMOLITION NOTES**

- 1 REMOVE BY MILLING PROCESS THE EXISTING RUBBERIZED TRACK SURFACE AND ASPHALT TO A DEPTH OF 2 INCHES
- 2 DEMOLISH AND REMOVE EXISTING LONG JUMP PIT
- 3 DEMOLISH AND REMOVE EXISTING LONG JUMP AND POLE VAULT RUNWAY
- 4 DEMOLISH AND REMOVE EXISTING HIGH JUMP RUNWAY
- 5 DEMOLISH AND REMOVE EXISTING CONCRETE BASES FOR POLE VAULT STANCHIONS & POLE VAULT BOXES
- 6 STRIP BUFFER REQUIRED AROUND WORK AREA TO ALLOW FOR CONSTRUCTION ZONE AND EXPOSE THE LIMIT OF CONSTRUCTION

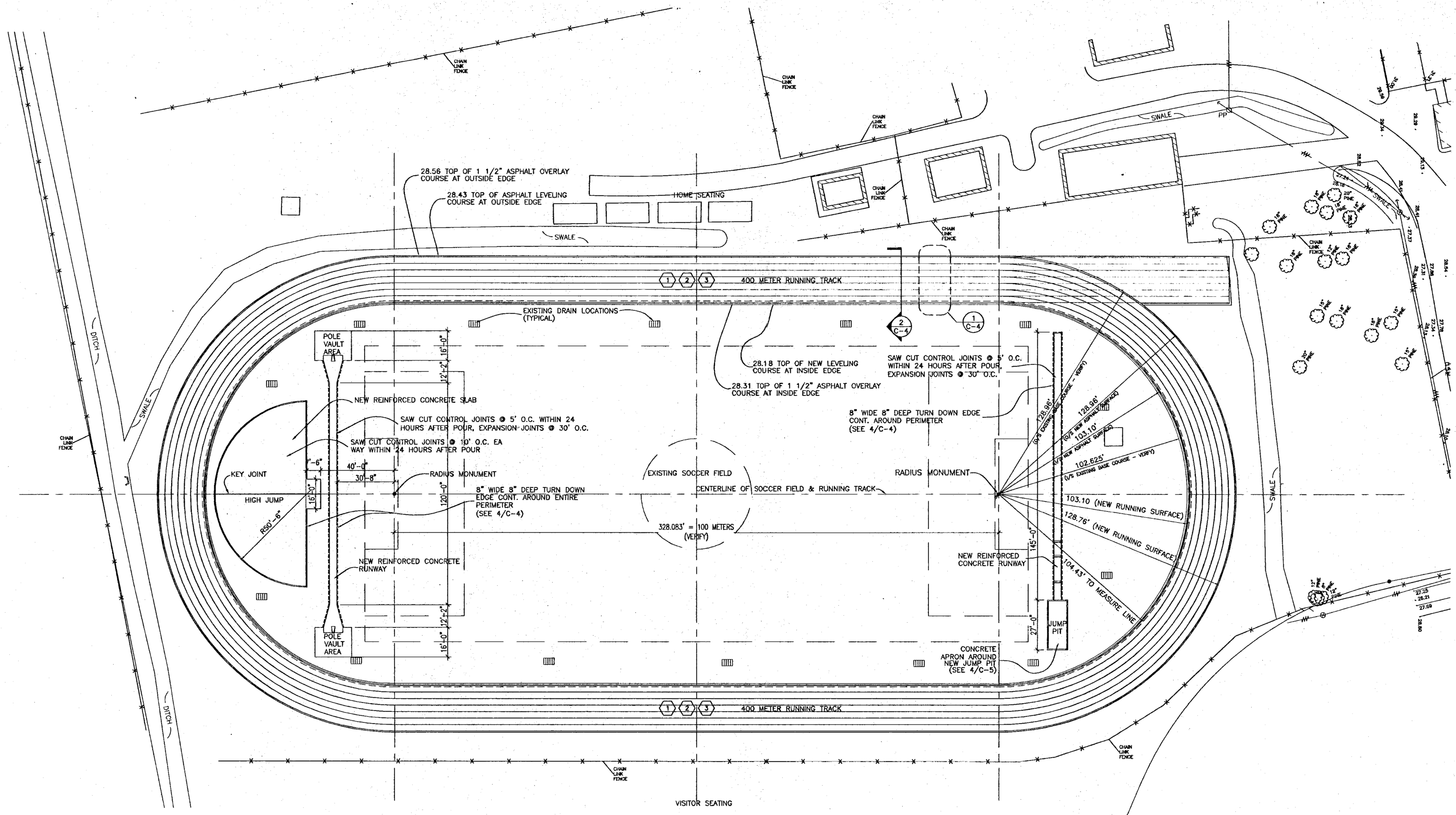
  
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 THOMAS M. SCHREIBER  
 REGISTERED PROFESSIONAL ENGINEER  
 CIVIL ENGINEER

**RENOVATION OF EXISTING TRACK AND FIELD FACILITIES**  
**PEARL RIVER HIGH SCHOOL**  
**ST. TAMMANY PARISH SCHOOL BOARD**  
**PEARL RIVER, LOUISIANA**

SITE PLAN - DEMOLITION	
201012.1	
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C-1	Of

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**1**  
**C-2** **SITE PLAN - NEW CONSTRUCTION**  
SCALE: 1" = 30'

**CIVIL SITE NOTES**

1. THE LOCATION OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION IN THE FIELD.
2. VEGETATION IN WAY OF CONSTRUCTION SHALL BE REMOVED AND HAULED OFF THE SITE AT NO EXTRA COST.
3. CONTRACTOR SHALL SLOPE PAVING UNIFORMLY BETWEEN PROPOSED ELEVATIONS GIVEN.
4. CONTRACTOR SHALL FILL LANDSCAPE AREAS TO 1" BELOW THE ADJACENT PAVING WITH TOP SOIL AS SPECIFIED BY THE LANDSCAPE SECTION OF THE DOCUMENTS.
5. CONTRACTOR MAY USE EXCAVATED MATERIAL FOR BACKFILL AGAINST THE NEW PAVING, ONLY EXCAVATED MATERIAL WHICH IS FREE OF ROOTS AND DEBRIS SHALL BE USED.


**ASPHALTIC CONCRETE PAVING NOTES**

1. ASPHALTIC CONCRETE MATERIAL, CONSTRUCTION, TESTS AND REQUIREMENT FOR TOLERANCE SHALL CONFORM TO THE REQUIREMENTS OF PART V, ASPHALTIC PAVEMENTS OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, 1992 EDITION AND LATEST REVISIONS.
2. WEARING SURFACE SHALL BE AS SHOWN ON DETAIL SHEET AND SHALL BE AS SPECIFIED IN SECTION 02513-ASPHALT PAVING
3. BINDER COURSE SHALL BE AS SHOWN ON DETAIL SHEET AND SHALL BE AS SPECIFIED IN SECTION 02513-ASPHALT PAVING
4. THE CONTRACTOR SHALL EMPLOY A TESTING LABORATORY TO PERFORM THE TESTS REQUIRED UNDER PART III AND PART IV OF THE D.O.T.D SPECIFICATIONS REFERRED TO IN PARAGRAPH 1.  
MINIMUM TESTS SHALL INCLUDE:  
A. PROCTOR SAMPLE OF BASE AND SUB-BASE,  
B. ATTERBERG LIMITS AND DRY DENSITY WEIGHT FOR COMPACTION TEST DETERMINATION.  
C. COMPACTION OF BASE AND PAVING SECTION.  
D. APPROVAL OF MIX DESIGN.  
E. FULL TIME, QUALIFIED LAB TECHNICIAN AT CONTRACTOR'S ASPHALT PLANT TO TEST MIX DURING BATCHING.

**GENERAL NOTES**

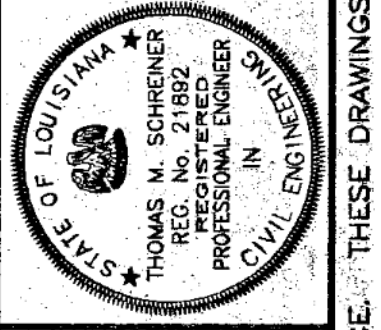
1. AFTER REMOVAL OF EXISTING TRACK SURFACE, THE CONTRACTOR ALONG WITH THE OWNER AND ENGINEER SHALL REVIEW THE EXPOSED SUBBASE. REPAIR THE EXISTING ASPHALT AS NEEDED. (UP TO 350 SY.)
2. AFTER ANY REPAIR WORK HAS BEEN ACCOMPLISHED THE CONTRACTOR SHALL PAVE OVER THE BASE WITH A MINIMUM 1 1/2" LEVELING COURSE TO THE WIDTH AND RADIUS SHOWN ON THE PLAN. IN ADDITION TO A 1 1/2" ASPHALT OVERLAY WILL BE PLACED OVER THE LEVELING COURSE.
3. AFTER THE NEW PAVING HAS BEEN INSTALLED, LOW AREAS, BIRD BATHS, PAVING SEAMS, AND CRACKS SHALL BE REPAIRED AS PER SPECIFICATIONS. THE SURFACE SHALL NOT VARY MORE THAN 1/8" WHEN MEASURED IN ANY DIRECTION WITH A 10' STRAIGHT EDGE. (SEE SPECIFICATION)

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STATE OF LOUISIANA  
THOMAS N. SPITZER  
PROFESSIONAL ENGINEER  
LICENSE NO. 10000  
CIVIL ENGINEERING

---

RENOVATION OF EXISTING TRACK AND FIELD FACILITIES  
**PEARL RIVER HIGH SCHOOL**  
ST. TAMMANY PARISH SCHOOL BOARD  
PEARL RIVER, LOUISIANA

---

SITE PLAN -  
NEW CONSTRUCTION

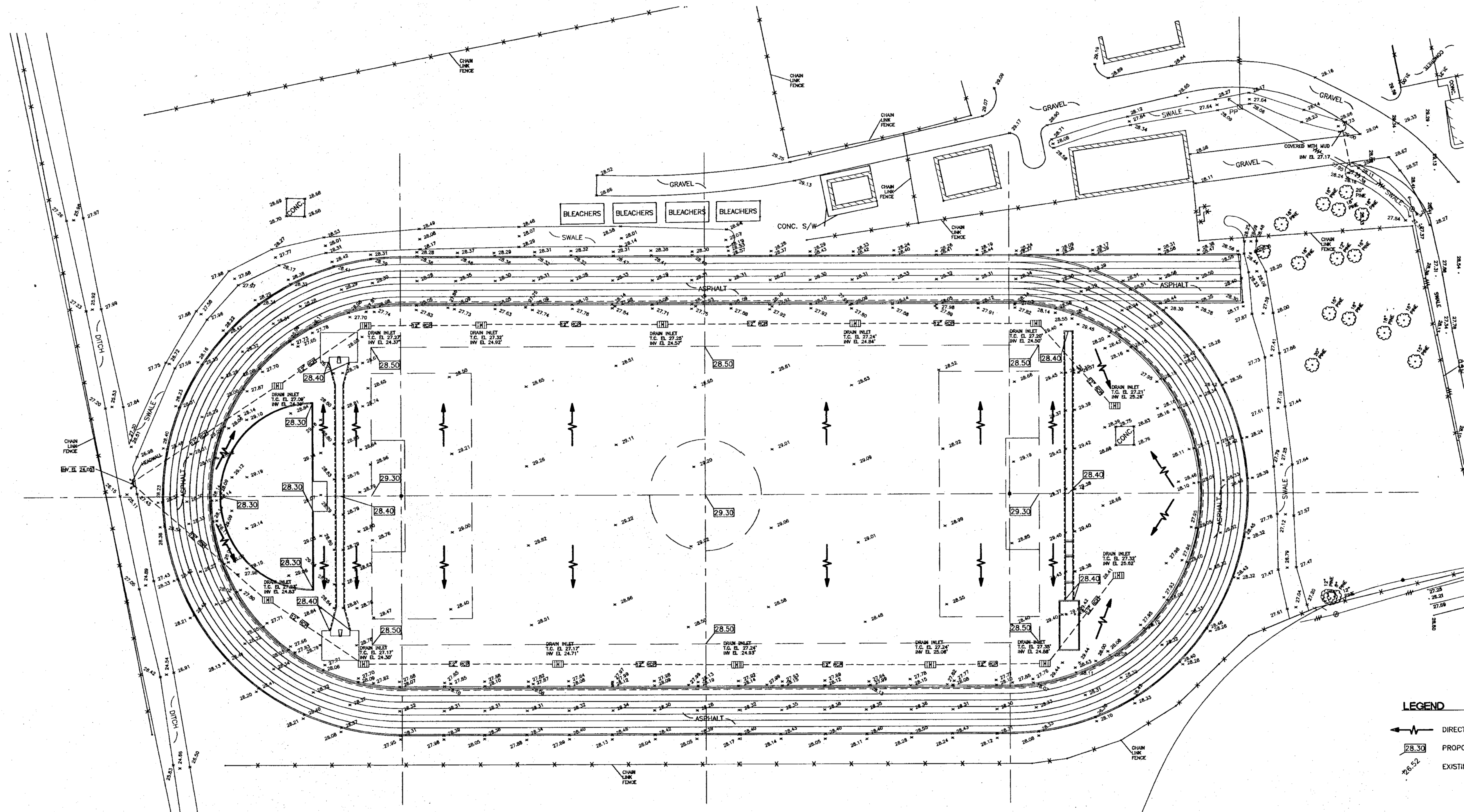
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**LEGEND**  
 ———> DIRECTION OF FLOW  
 28.30 PROPOSED ELEVATIONS  
 26.52 EXISTING ELEVATIONS

1 GRADING PLAN  
 C-3 SCALE: 1" = 30'

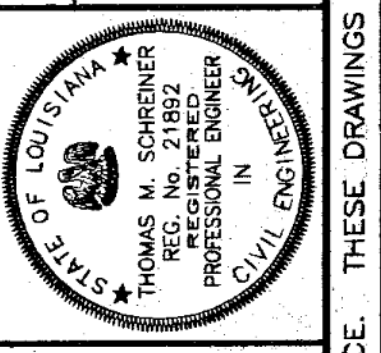
RENOVATION OF EXISTING TRACK AND FIELD FACILITIES  
**PEARL RIVER HIGH SCHOOL**  
 ST. TAMMANY PARISH SCHOOL BOARD  
 PEARL RIVER, LOUISIANA

GRADING PLAN

201012.1

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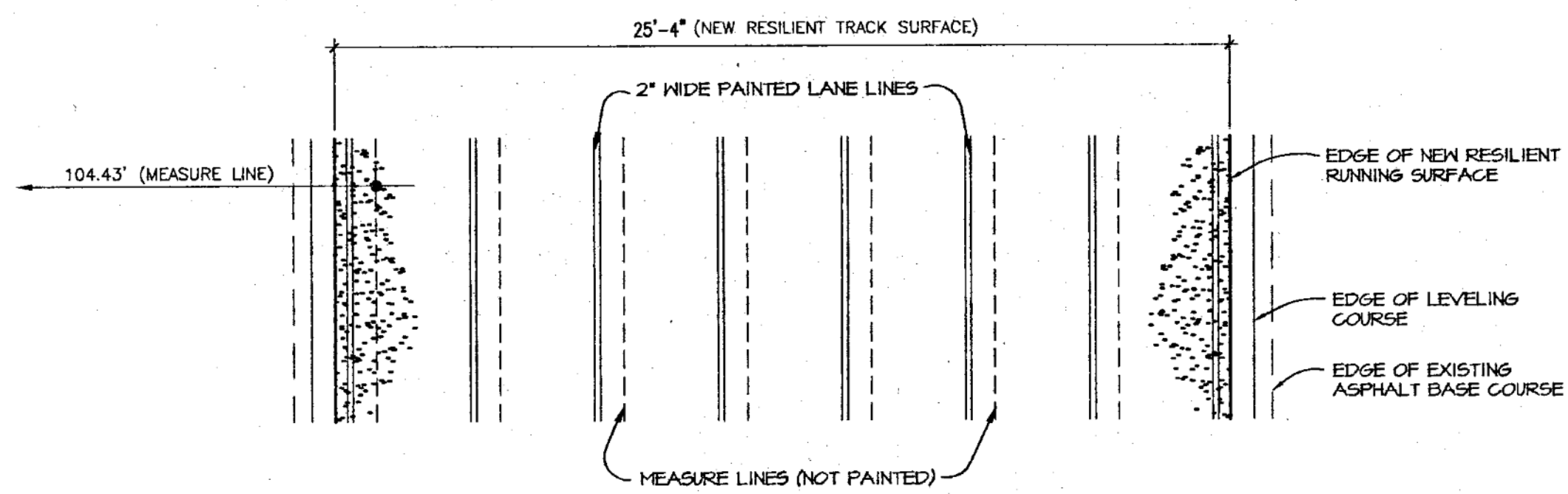
Sheet 3 of 3



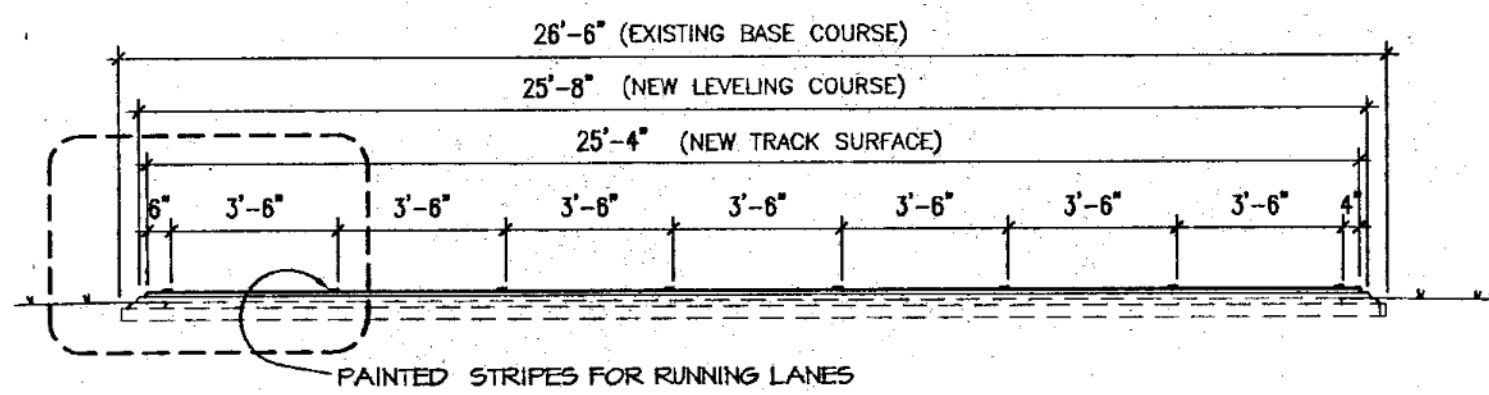
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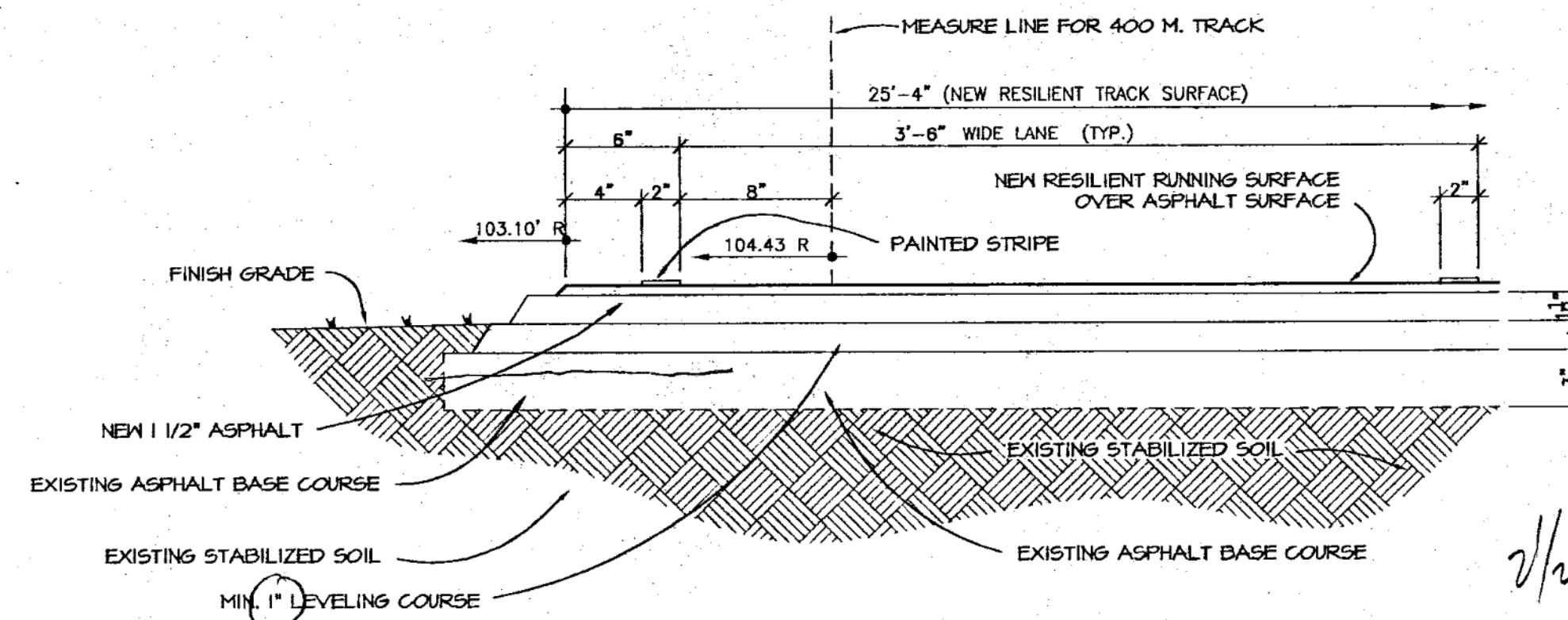


1 PLAN OF SEVEN LANE RUNNING TRACK  
SCALE: 1/4" = 1'-0"



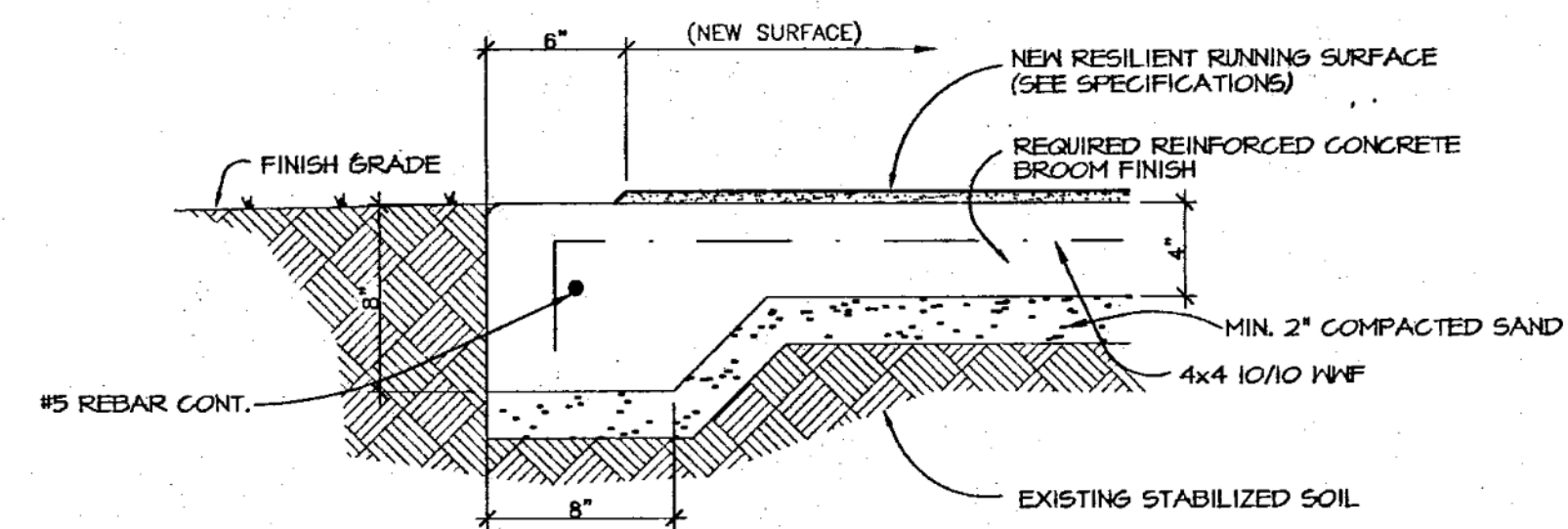
2 SECTION THRU SEVEN LANE RUNNING TRACK  
SCALE: 1/4" = 1'-0"

NOTE:  
1. NEW RESILIENT TRACK AND PAINTED STRIPES SHALL BE FURNISHED UNDER SEPARATE CONTRACT.

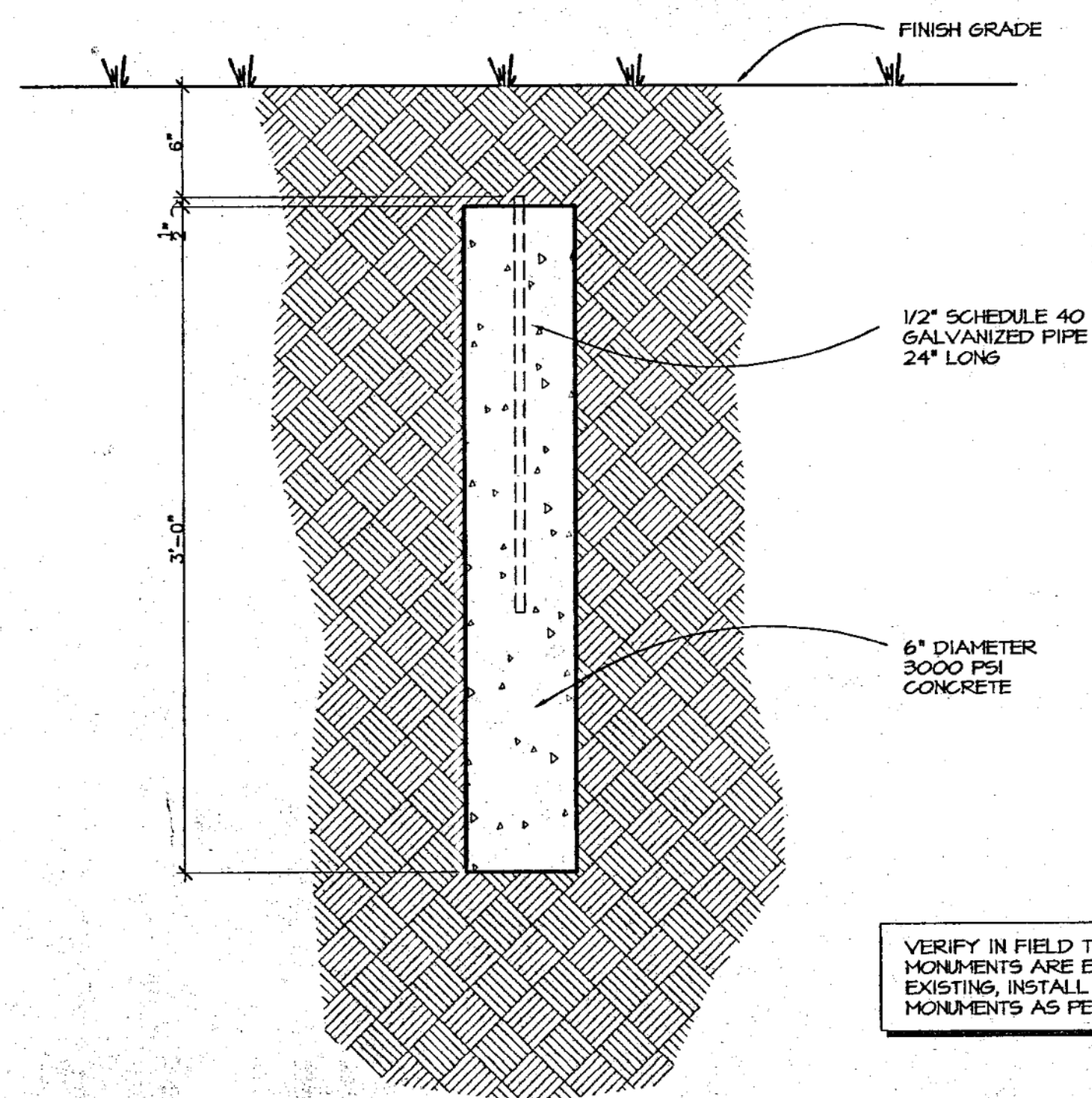


3 EDGE DETAIL OF RUNNING TRACK  
SCALE: 1 1/2" = 1'-0"

2 1/2" = \$  
1" 90%

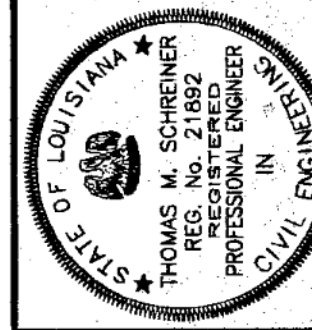


4 EDGE DETAIL OF HIGH JUMP / VAULT / RUNWAY  
SCALE: 1 1/2" = 1'-0"

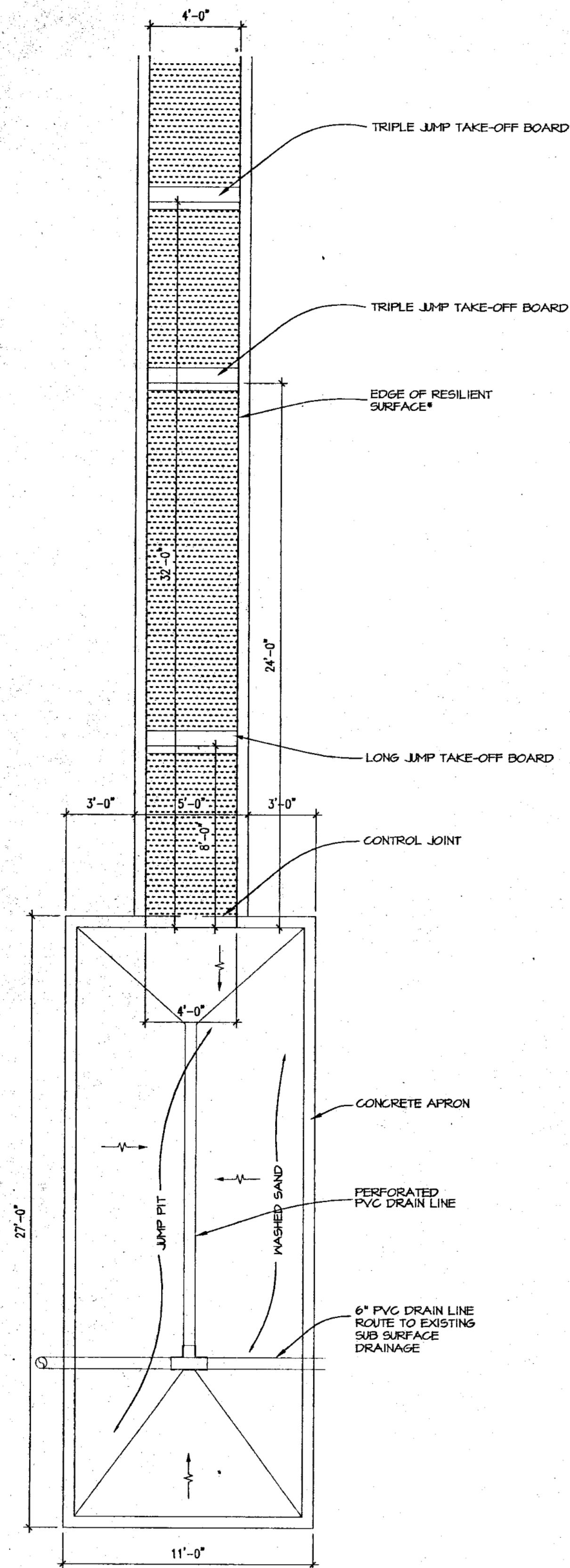


VERIFY IN FIELD THAT RADIUS MONUMENTS ARE EXISTING. IF NOT EXISTING, INSTALL NEW RADIUS MONUMENTS AS PER THIS DETAIL

5 DETAIL OF RADIUS MONUMENT  
SCALE: 1 1/2" = 1'-0"

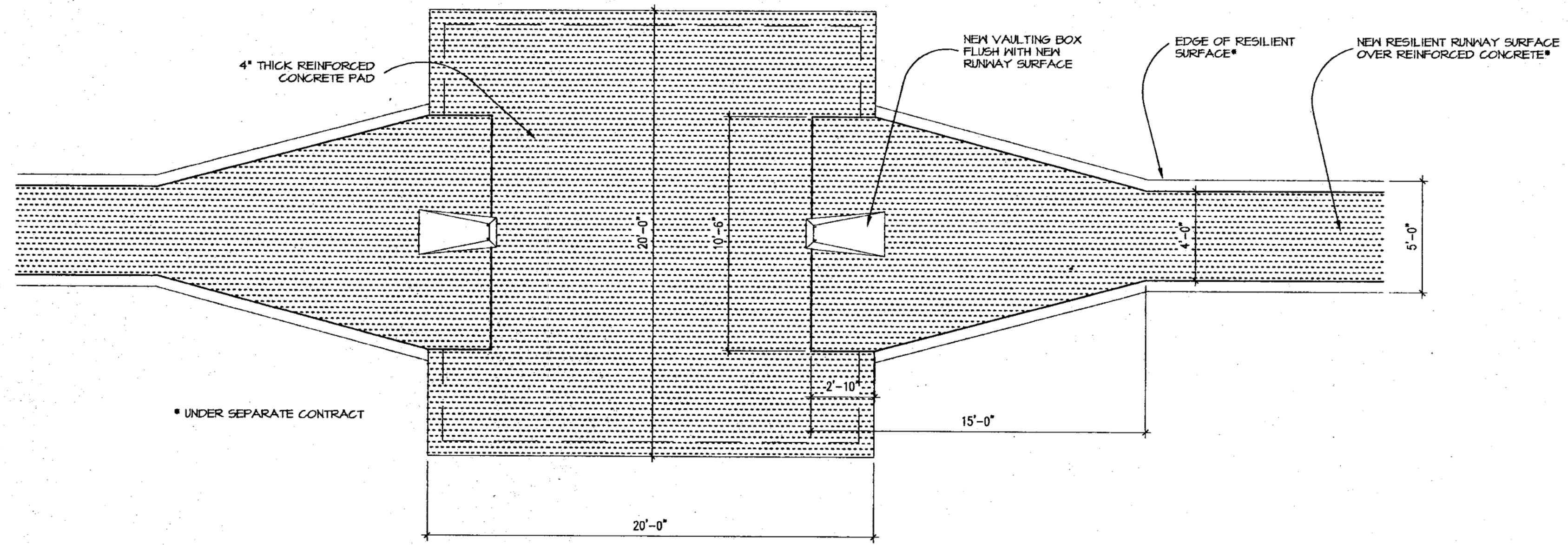


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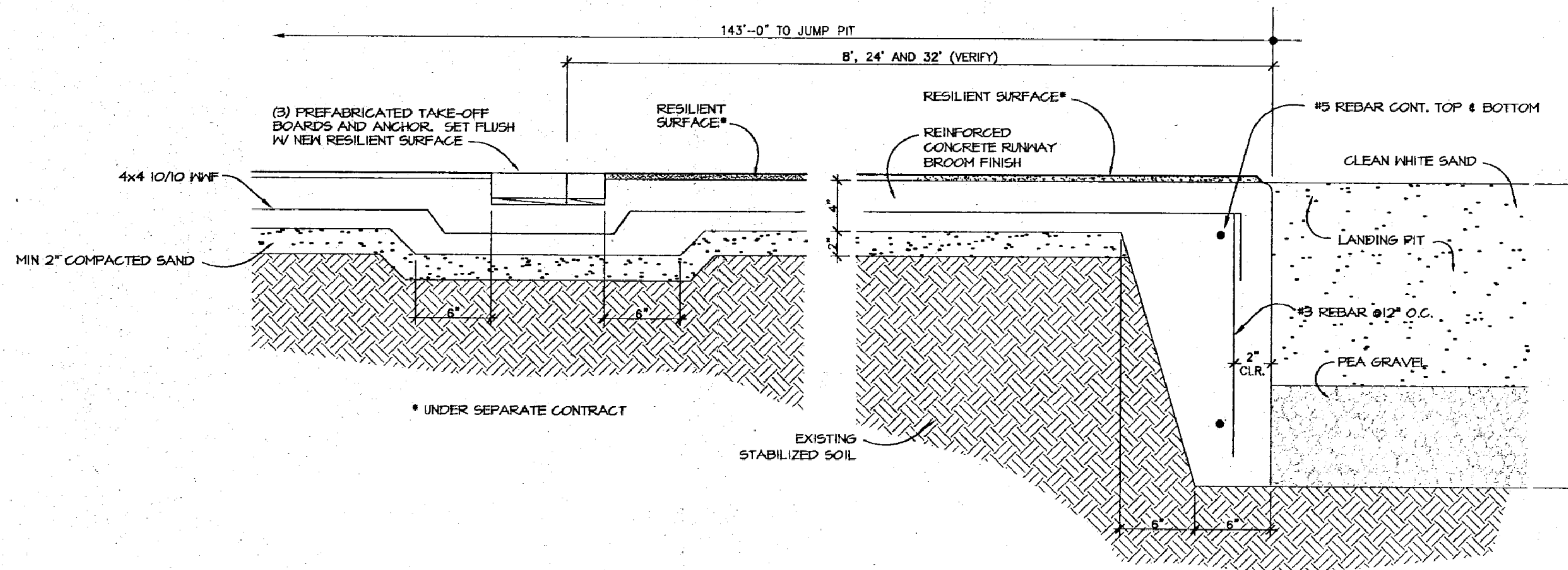
**1 PLAN OF LONG JUMP LANDING PIT**

SCALE: 1/4" = 1'-0"



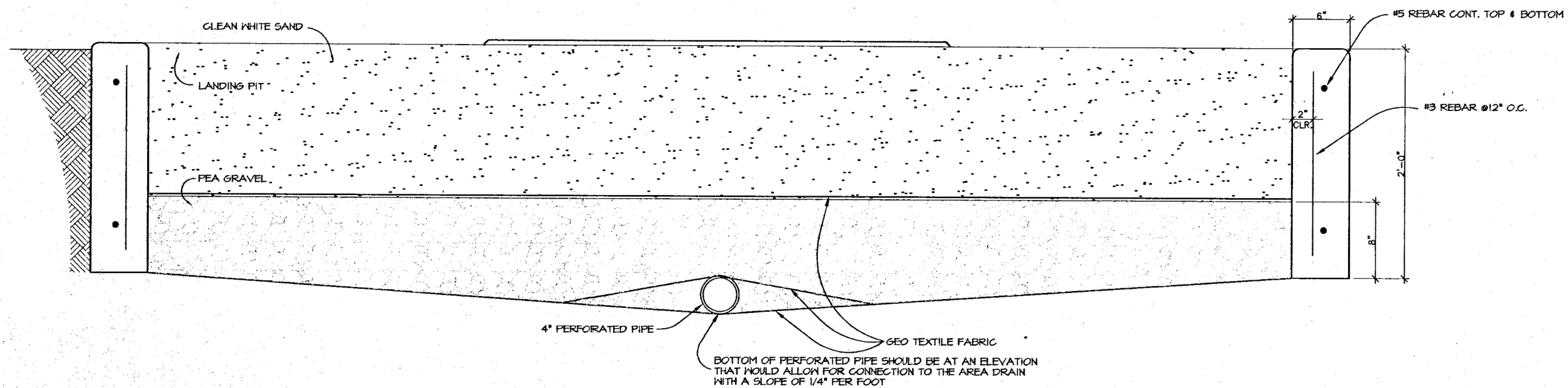
**2 PLAN OF POLE VAULT AREA**

SCALE: 1/4" = 1'-0"



**3 SECTION OF TRIPLE / LONG JUMP**

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

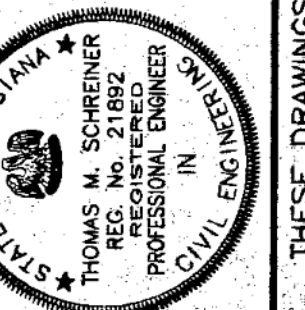


**4 SECTION THRU JUMP PIT**

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



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RENOVATION OF EXISTING TRACK AND FIELD FACILITIES  
**PEARL RIVER HIGH SCHOOL**  
**ST. TAMMANY PARISH SCHOOL BOARD**  
 PEARL RIVER, LOUISIANA

TRACK AND FIELD DETAILS

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 112 INNWOOD DRIVE SUITE H COVINGTON, LA 70434-3759  
 VOICE: 985-892-0518 FAX: 985-892-8165

**DAMIEN W. SERAUSKAS, P.E.**  
 PROFESSIONAL ENGINEERING SERVICES  
 4020 VINCENNES PLACE NEW ORLEANS, LA 70125  
 VOICE: (504)-866-2600 FAX: (504)-866-2601

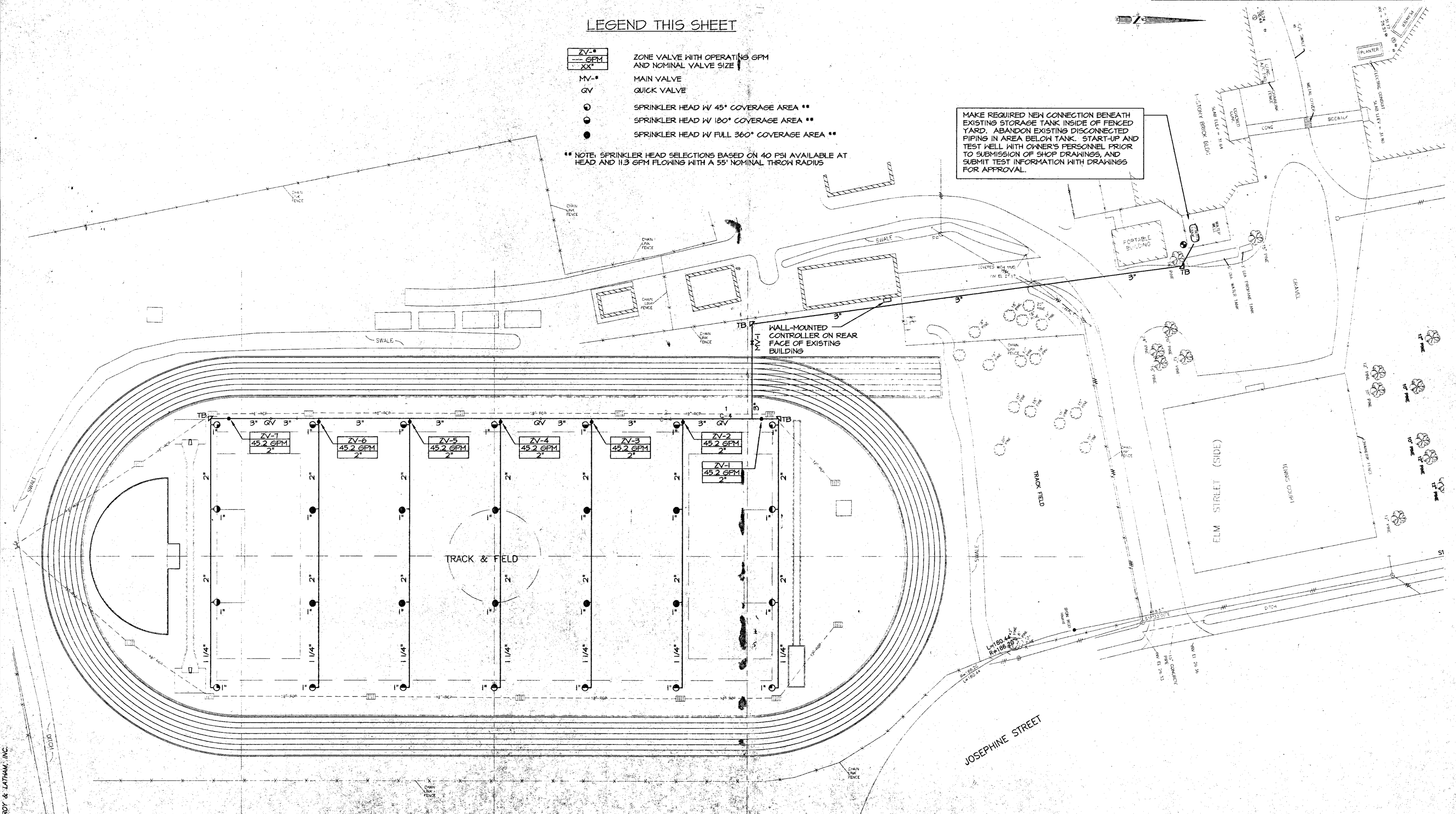
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**LEGEND THIS SHEET**

- ZV-#  
--- GPM  
XX" ZONE VALVE WITH OPERATING GPM AND NOMINAL VALVE SIZE
- MV-# MAIN VALVE
- QV QUICK VALVE
- SPRINKLER HEAD W/ 45° COVERAGE AREA \*\*
- SPRINKLER HEAD W/ 180° COVERAGE AREA \*\*
- SPRINKLER HEAD W/ FULL 360° COVERAGE AREA \*\*

\*\* NOTE: SPRINKLER HEAD SELECTIONS BASED ON 40 PSI AVAILABLE AT HEAD AND 11.3 GPM FLOWING WITH A 55' NOMINAL THROW RADIUS

MAKE REQUIRED NEW CONNECTION BENEATH EXISTING STORAGE TANK INSIDE OF FENCED YARD. ABANDON EXISTING DISCONNECTED PIPING IN AREA BELOW TANK. START-UP AND TEST WELL WITH OWNER'S PERSONNEL PRIOR TO SUBMISSION OF SHOP DRAWINGS, AND SUBMIT TEST INFORMATION WITH DRAWINGS FOR APPROVAL.



**1**  
 IR-1  
 SCALE: 1" = 30'  
**IRRIGATION PLAN - NEW CONSTRUCTION**

RENOVATION OF EXISTING TRACK  
**PEARL RIVER HIGH SCHOOL**  
 ST. TAMMANY PARISH SCHOOL BOARD  
 PEARL RIVER, LOUISIANA

IRRIGATION PLAN NEW CONSTRUCTION	
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Sheet 1	Of 1

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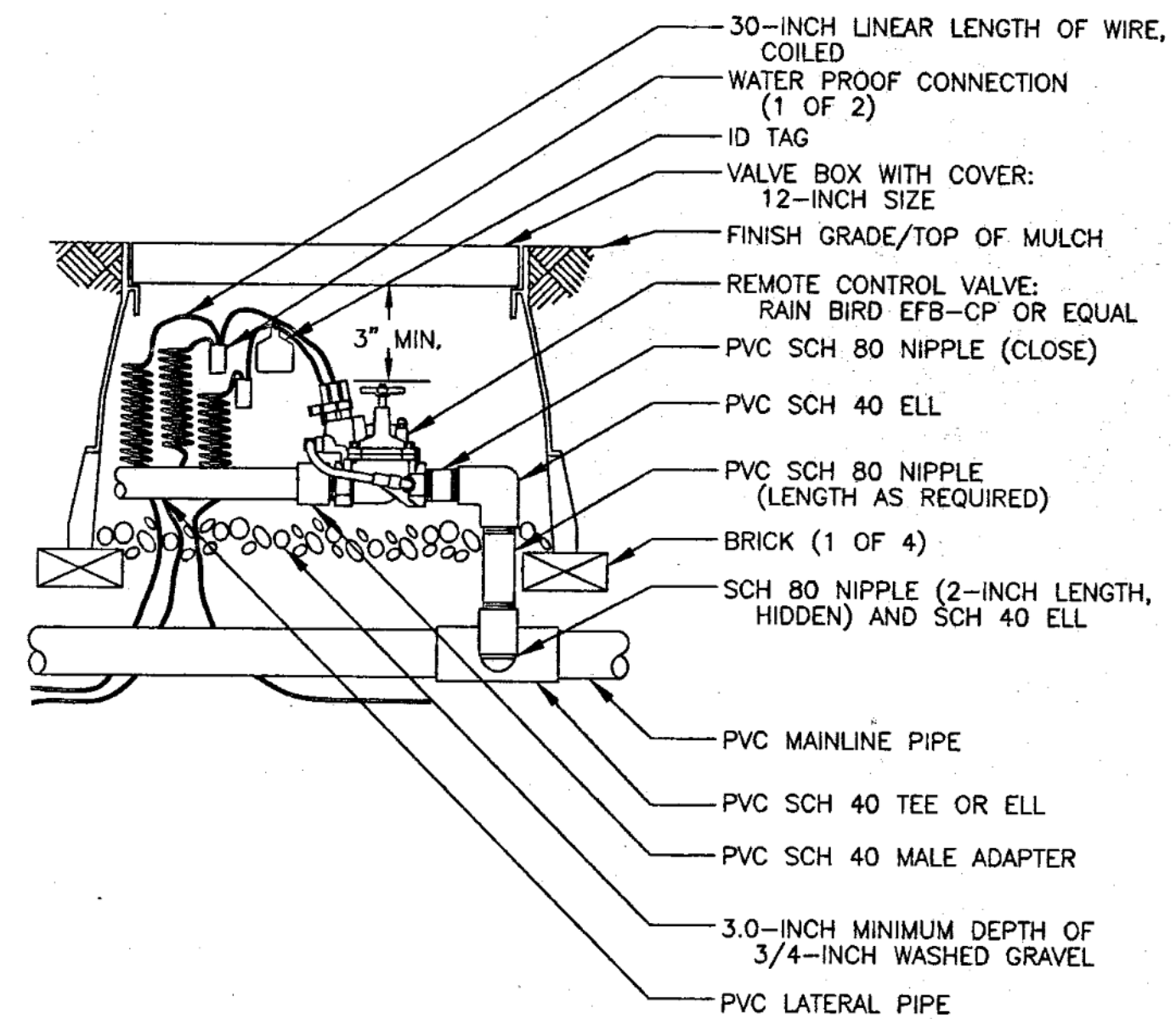
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 4020 VINCENNES PLACE NEW ORLEANS, LA 70125  
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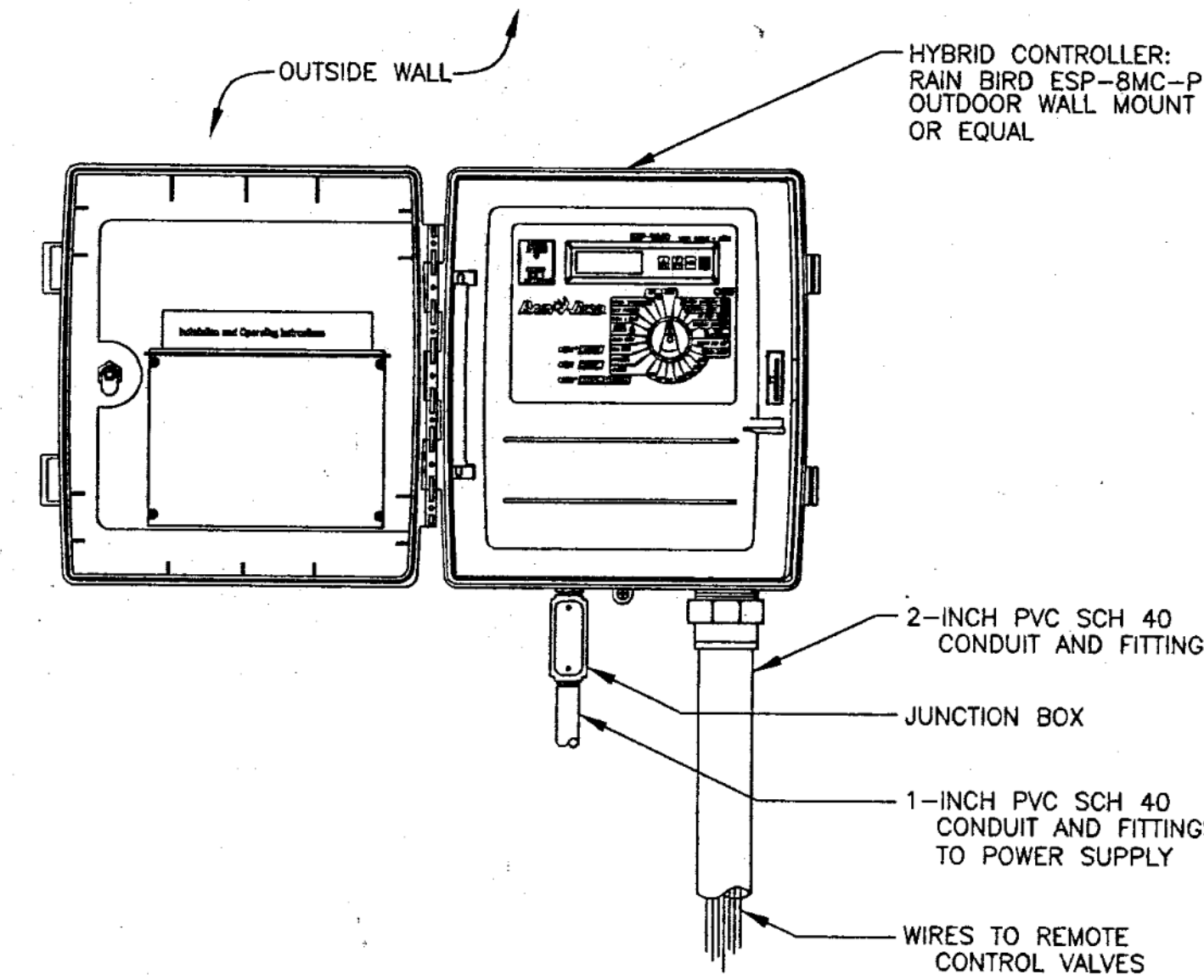


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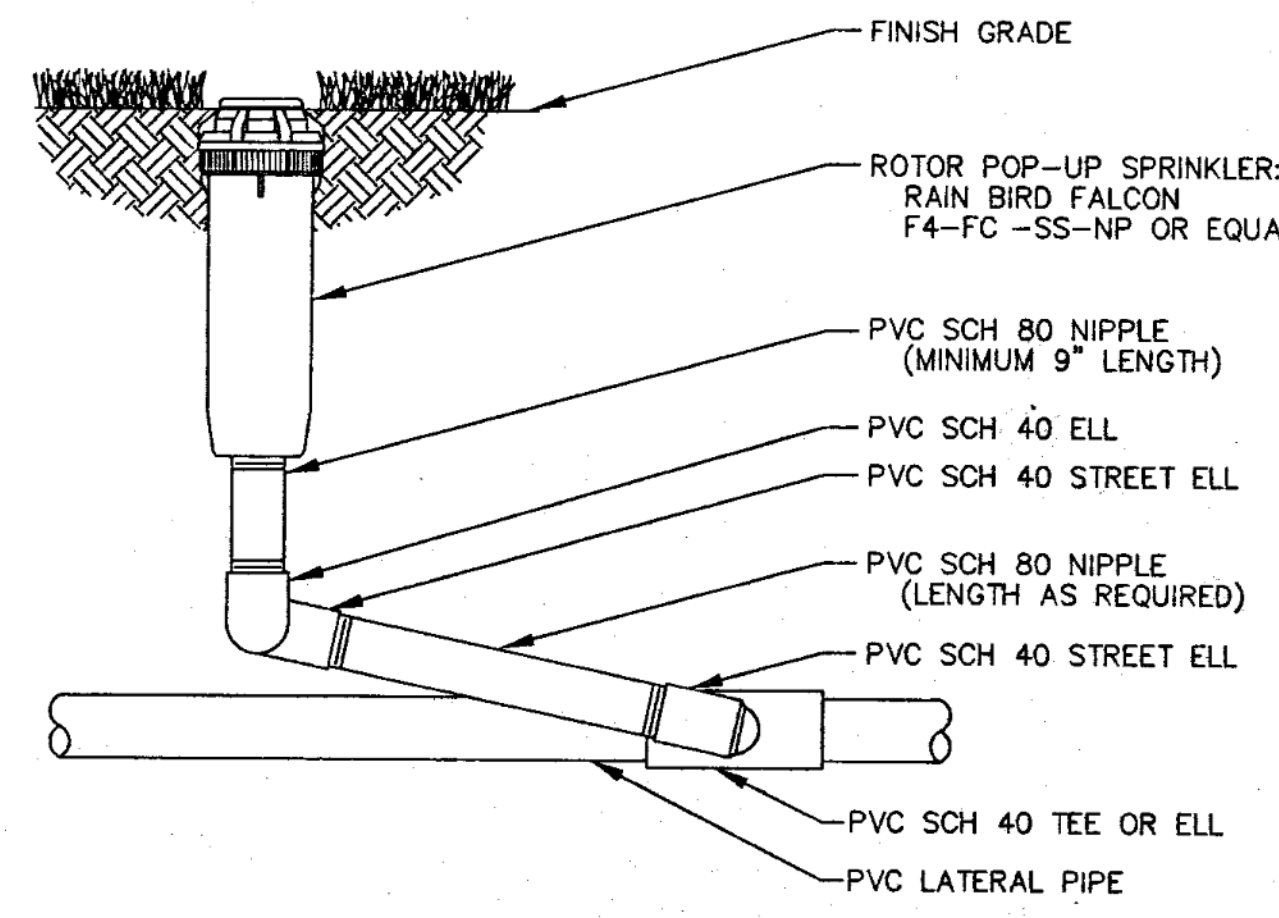
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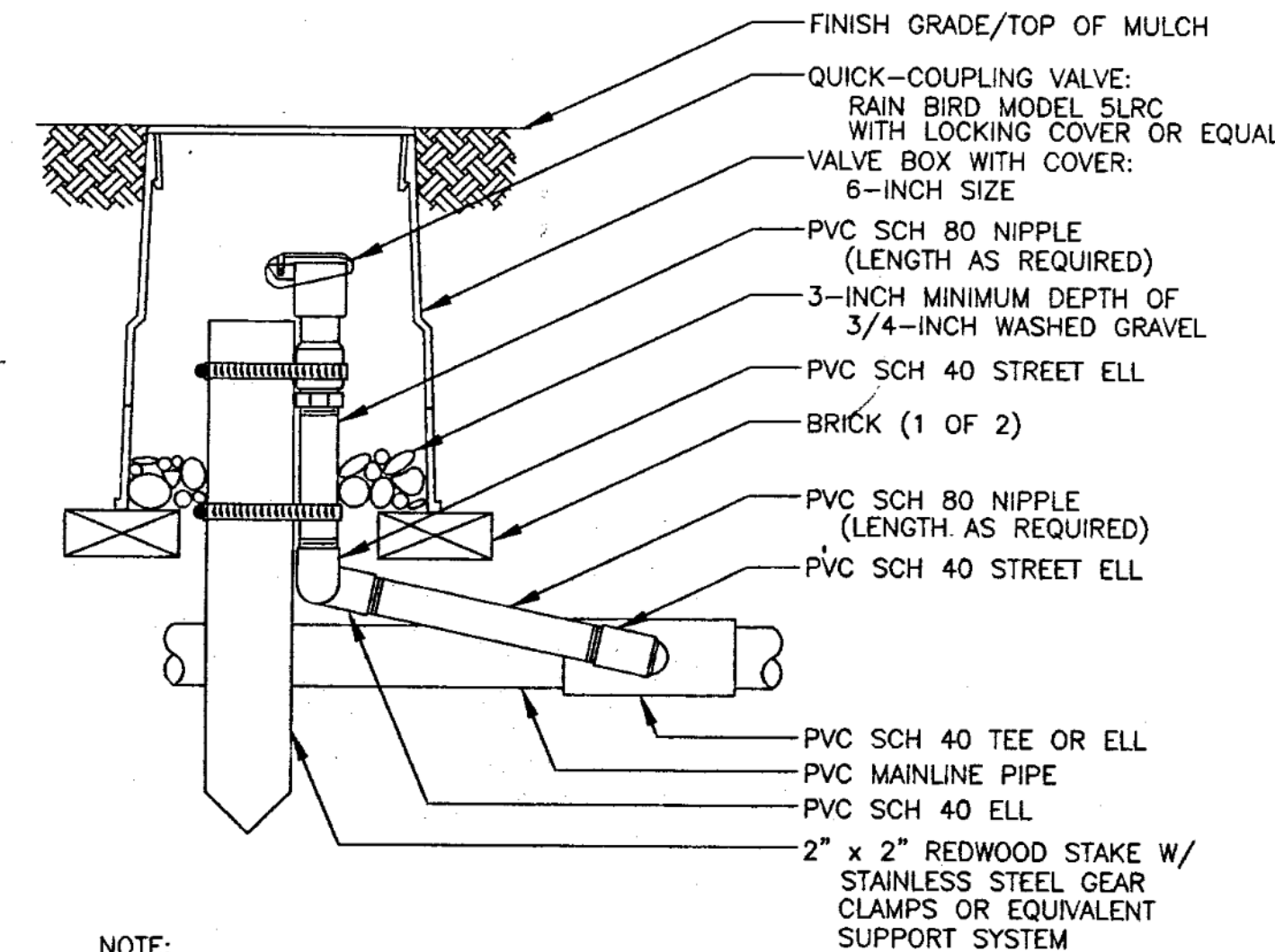
**1 REMOTE CONTROL VALVE**  
 IR-2 SCALE: NONE



**2 HYBRID CONTROLLER**  
 IR-2 SCALE: NONE



**3 ROTOR POP-UP SPRINKLER**  
 IR-2 SCALE: NONE



NOTE:  
 1. FURNISH FITTINGS AND PIPING NOMINALLY SIZED IDENTICAL TO NOMINAL QUICK COUPLING VALVE INLET SIZE.

**4 QUICK-COUPLE VALVE**  
 IR-2 SCALE: NONE

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RENOVATION OF EXISTING TRACK  
**PEARL RIVER HIGH SCHOOL**  
**ST. TAMMANY PARISH SCHOOL BOARD**  
**PEARL RIVER, LOUISIANA**

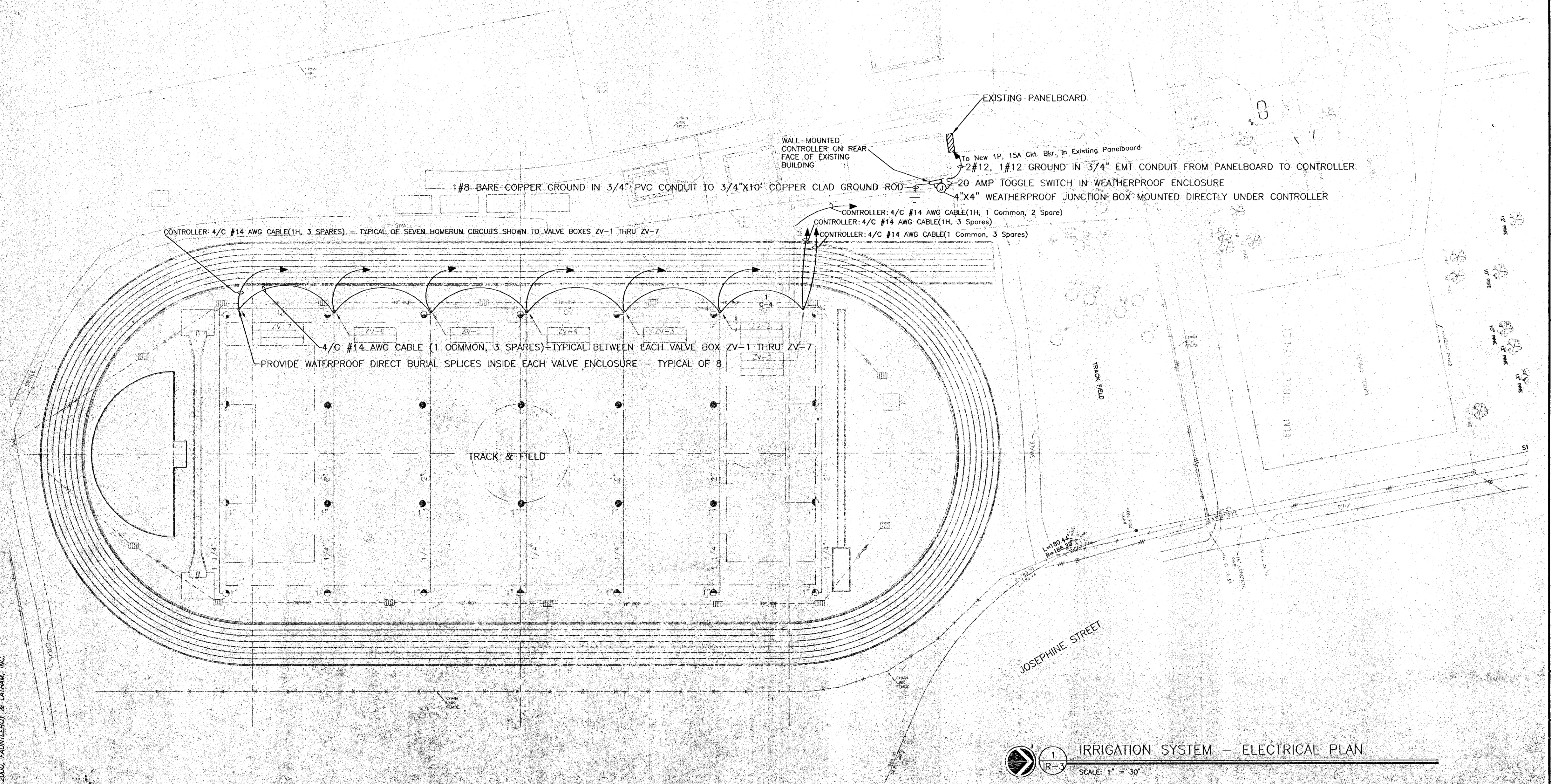
IRRIGATION DETAILS  
 NEW CONSTRUCTION

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 22 AUG 00

IR-2  
 Sheet Of

GENERAL NOTES – THIS SHEET

1. ROUTE DIRECT BURIAL CABLES TO CONTROLLER ALONGSIDE THE NEW MAIN WATER LINE THAT IS SHOWN ROUTED FROM THE EXISTING WATER WELL TO THE SOCCER FIELD. ROUTE ALL CABLES ACROSS THE TRACK IN A SINGLE LOCATION, I.E., THE LOCATION WHERE THE NEW WATER LINE CROSSES. BURY CABLES MINIMUM 36" DEEP.
2. DIRECT BURIAL CABLES TO VALVES ARE OPERATING AT LOW VOLTAGE. ROUTE ALL OF THESE CABLES IN A 3" UNDERGROUND PVC CONDUIT WHERE THE CABLES ARE ROUTED FROM THE CONTROLLER TO THE SOUTH END OF THE BUILDING. WHEN THE CONDUIT STUB-UPS AT THE CONTROLLER, CHANGE CONDUIT TO EMT.



**IRRIGATION SYSTEM – ELECTRICAL PLAN**  
 SCALE: 1" = 30'

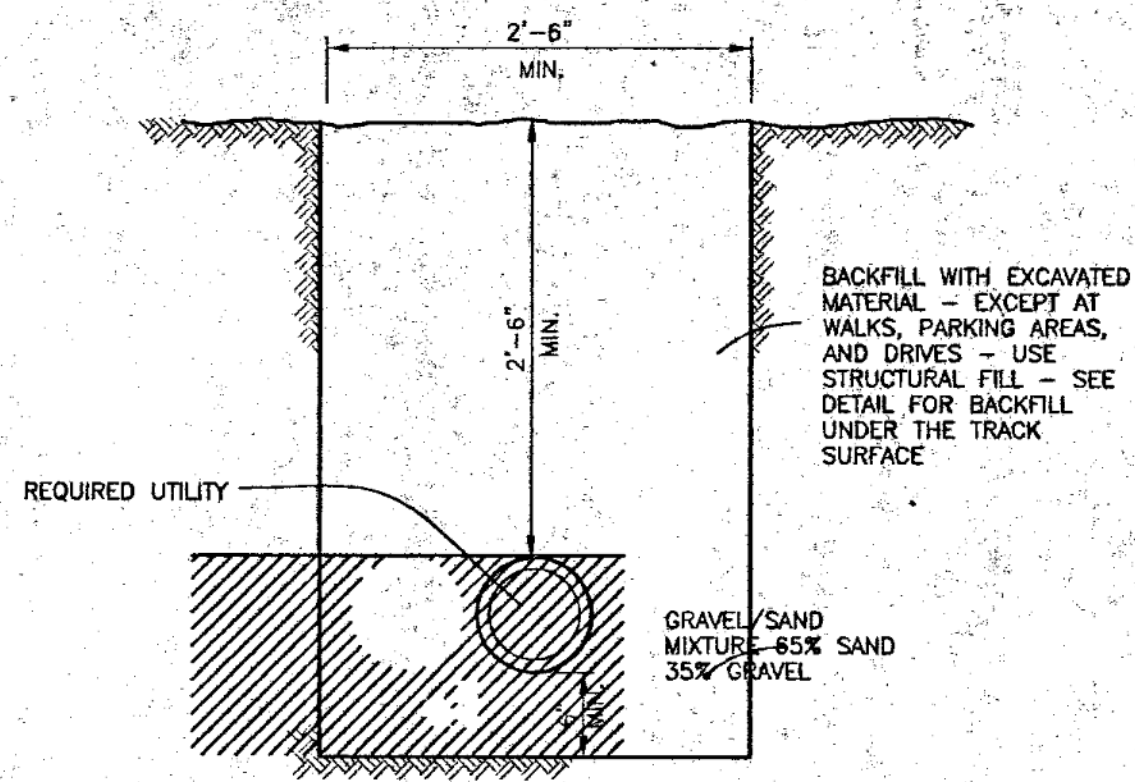
RENOVATION OF EXISTING TRACK  
 PEARL RIVER HIGH SCHOOL  
 ST. TAMMANY PARISH SCHOOL BOARD  
 PEARL RIVER, LOUISIANA

IRRIGATION SYSTEM ELECTRICAL PLAN	
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Date 27 AUG 01	Rev.
IR-3	
Sheet	

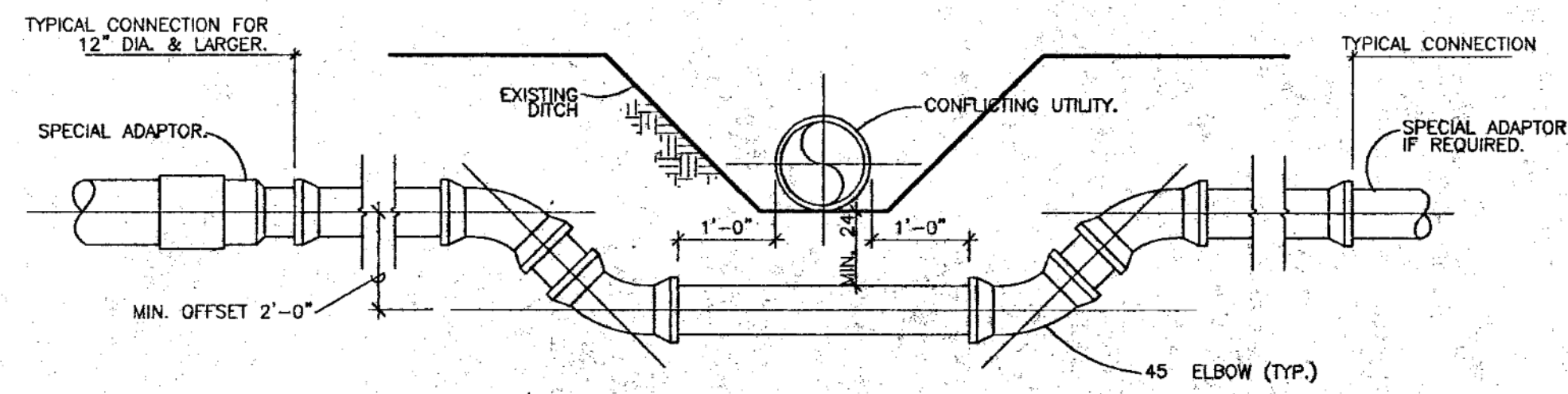
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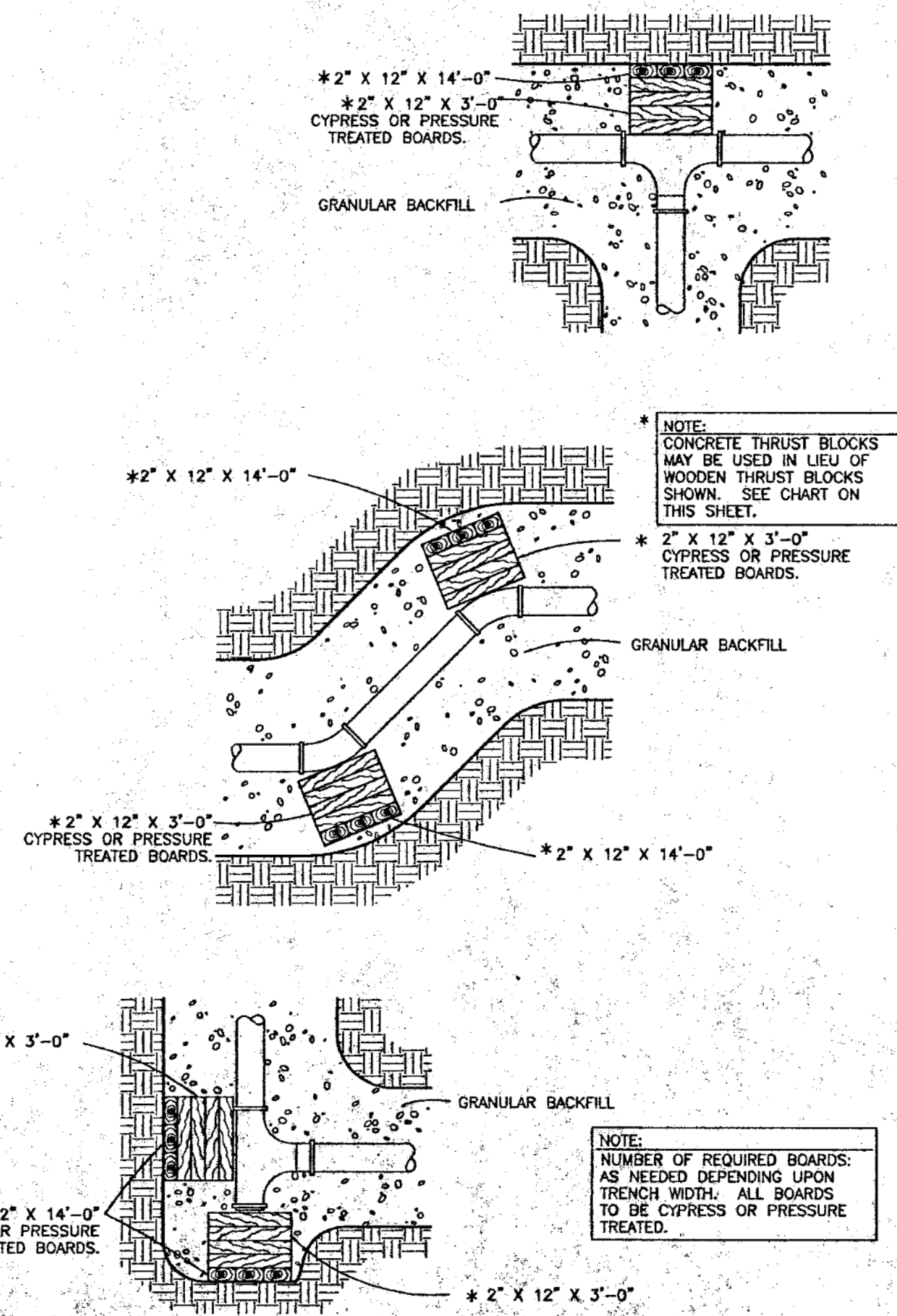
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**TYPICAL BEDDING DETAIL**  
NOT TO SCALE



**TYPICAL OFFSETS FOR DITCH OR CONFLICTING UTILITY WITH THE USE OF FITTINGS**



**THRUST BLOCK DETAILS**  
NOT TO SCALE

**IRRIGATION SYSTEM**

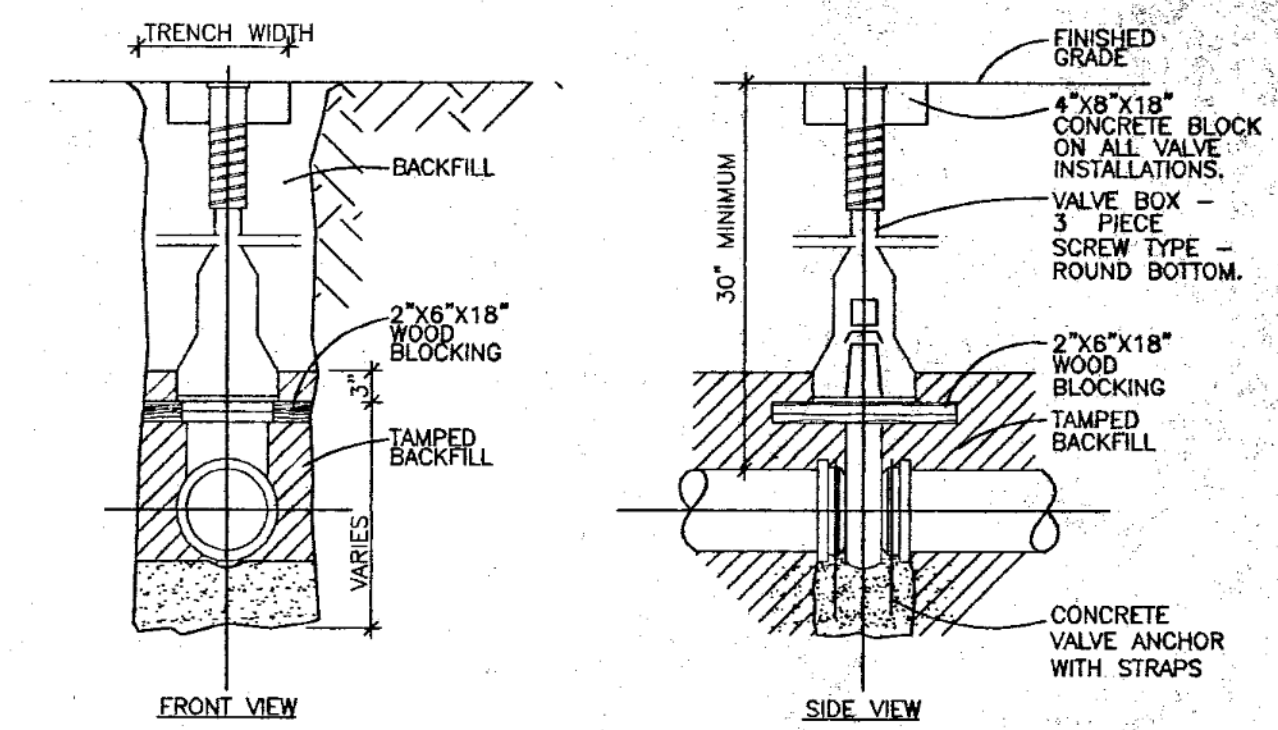
1. THE CONTRACTOR SHALL FURNISH ALL LABOR, SUPERVISION, MATERIALS, EQUIPMENT, SERVICES AND PERMITS NECESSARY TO CONSTRUCT THE IRRIGATION SYSTEM AS SHOWN ON THE PLANS.
  2. INCLUDED IN THE WORK SHALL BE A COMPLETE IRRIGATION SYSTEM INCLUDING ALL FITTINGS, VALVES, TEES, CONNECTIONS, THRUST BLOCKS, AND PRESSURE TESTING. THE CONTRACTOR SHALL INCLUDE IN HIS BID ALL OF THE FITTINGS AND LENGTHS OF PIPE NECESSARY TO AVOID CONFLICTS WITH OTHER UTILITIES AND STRUCTURES.
  3. FITTINGS SHALL BE MANUFACTURED BY AND/OR RECOMMENDED FOR USE ON THE PIPE BY THE PIPE MANUFACTURER.
  4. USE NECESSARY FITTINGS TO AVOID CONFLICTS WITH OTHER UTILITIES.
  5. THE CONTRACTOR SHALL FURNISH AN "AS-BUILT" PLAN SHOWING THE LOCATION OF ALL VALVES, HYDRANTS, TEES, BENDS, ETC., AND DISTANCES BETWEEN AND TO THE BUILDINGS LINES.
  6. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING UTILITIES.
  7. THE CONTRACTOR SHALL USE APPROVED FITTINGS TO PROVIDE 18" VERTICAL CLEARANCE AND 6" HORIZONTAL CLEARANCE BETWEEN SEWER AND WATER LINES. SEWER LINE TO ALWAYS BE LOWER IN ELEVATION THAN WATER LINE.
  8. THE IRRIGATION LINES SHALL PASS A HYDROSTATIC PRESSURE TEST AS REQUIRED BY THE SPECIFICATIONS. THE CONTRACTOR SHALL PROVIDE THE EQUIPMENT NECESSARY FOR THE PRESSURE TEST. TEST SHALL BE REVIEWED BY THE ENGINEER.
  9. ALL CUTS UNDER STREETS TO BE BACK-FILLED WITH SAND OR OTHER SUITABLE MATERIAL APPROVED BY ENGINEER AND COMPACTED TO 95% STD PROCTOR, PRIOR TO REPAVING.
  10. IDENTIFICATION TAPE OR TRACER WIRES TO BE USED UNDER GROUND OVER ALL WATER LINES.
- ALL TRENCHES UNDER EXISTING OR PROPOSED ROADS, PARKING AREAS, AND WALKS SHALL BE COMPACTED TO 95% (ASTM D-698). THE MAXIMUM WIDTH OF TRENCH SHALL NOT EXCEED THE OUTSIDE DIAMETER OF THE PIPE TO BE LAYED PLUS TWO (2) FEET.
12. ALL VALVES SHALL HAVE A THREE PIECE CAST IRON VALVE BOX INSTALLED AND ADJUSTED TO FINISH GRADE. VALVE BOXES SHALL BE MANUFACTURED BY TYLER CORPORATION, SERIES 6650 OR APPROVED EQUAL.
  13. EACH VALVE BOX SHALL HAVE A 24" SQUARE BY 4" THICK CONCRETE PAD, EITHER POURED IN PLACE OR PREFABRICATED AND PLACED. PREFABRICATED PADS MUST BE BY SOUTHERN METER BOX, INC., ALEXANDRIA, LOUISIANA OR APPROVED EQUAL.
  14. ALL GATE VALVES 3" OR LARGER SHALL CONFORM WITH AWWA C-509-84, RESILIENT-SEALED GATE VALVES FOR WATER SUPPLY SERVICE.

PIPE SIZE	90 BENDS			TEES AND DEAD ENDS			45 BENDS			22-1/2 BENDS			11-3/4 BENDS		
	test pr.	test pr.	test pr.	test pr.	test pr.	test pr.	test pr.	test pr.	test pr.	test pr.	test pr.	test pr.	test pr.	test pr.	
2"	1,000	700	500	800	500	---	600	400	---	300	---	---	---	---	
4"	4,000	3,000	2,000	3,000	2,000	1,000	3,000	1,500	1,000	1,000	800	500	600	400	
6"	9,000	8,000	4,000	7,000	4,000	3,000	5,000	4,000	2,000	3,000	2,000	1,000	1,500	1,000	
8"	17,000	11,000	7,000	11,000	8,000	5,000	9,000	6,000	4,000	5,000	3,000	2,000	3,000	2,000	
10"	26,000	17,000	11,000	18,000	12,000	8,000	15,000	10,000	6,000	8,000	5,000	3,000	4,000	3,000	
12"	36,000	24,000	16,000	25,000	17,000	11,000	21,000	14,000	9,000	10,000	7,000	5,000	5,000	4,000	
14"	50,000	33,000	22,000	36,000	23,000	15,000	29,000	19,000	13,000	14,000	9,000	6,000	7,000	5,000	
16"	65,000	43,000	29,000	45,000	30,000	20,000	20,000	37,000	25,000	18,000	12,000	8,000	9,000	6,000	
18"	82,000	54,000	37,000	57,000	38,000	25,000	25,000	47,000	32,000	23,000	15,000	10,000	11,000	8,000	

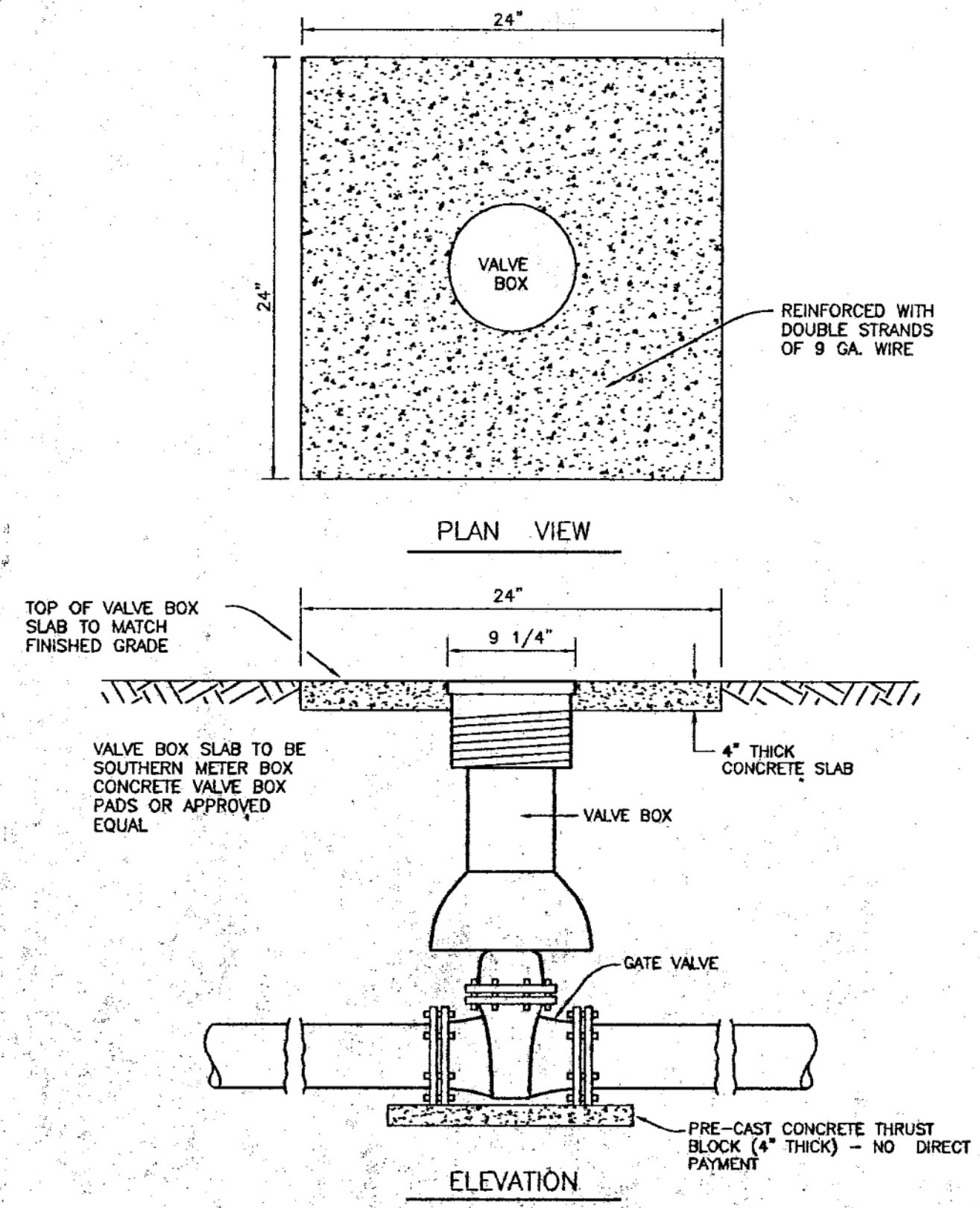
NOTE: For area of thrust block in sq. ft. divide appropriate thrust by allowable soil bearing. Test pressures shall be as indicated in the specifications on special conditions. The contractor shall be responsible for selecting thrust blocks or anchorage for various pipe size and fittings according to appropriate soil bearing and test pressure. Cost of thrust anchorage shall be included in price bid for fitting or pipe. Where pipe sizes are not shown - use requirements for next larger size.

ALLOWABLE SAFE LATERAL BEARING OF SOIL IN P.S.F.	
MUCK AND PEAT *	0 *
SOFT CLAY	500
SAND	1,000
SAND AND GRAVEL	1,500
SAND AND GRAVEL CEMENTED WITH CLAY	2,000

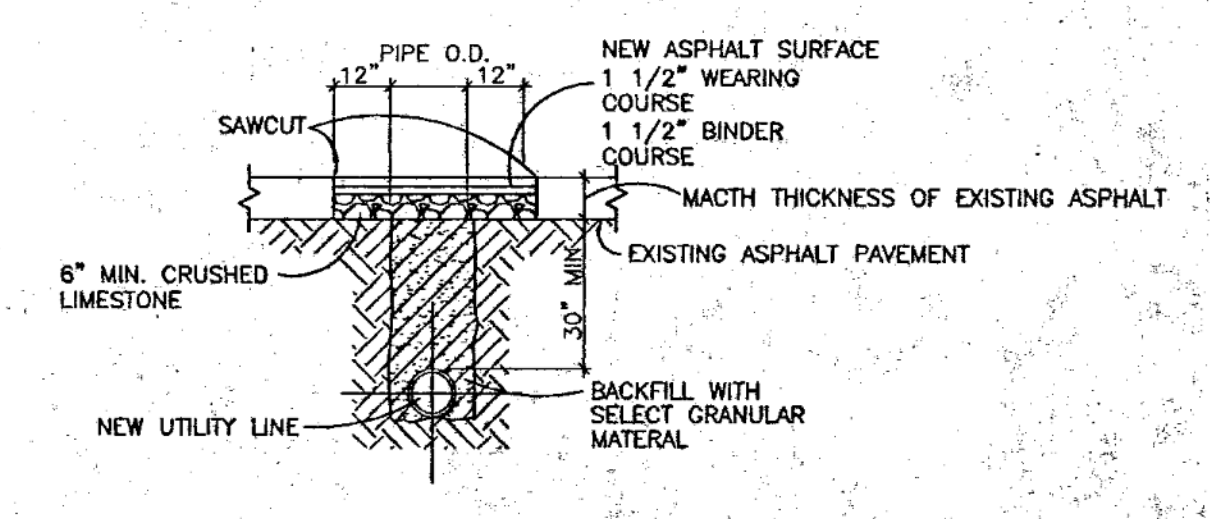
\* Use tie rod anchors, locking joint fittings, flanged fittings, treated timber pile with concrete blocks



**TYPICAL VALVE SETTING**  
NOT TO SCALE



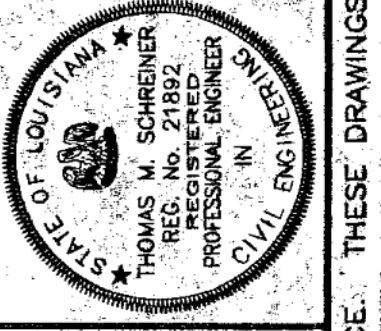
**VALVE BOX PADS**  
NOT TO SCALE



**ASPHALT TRACK REPAIR DETAIL**  
NOT TO SCALE



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ST. TAMMANY PARISH SCHOOL BOARD  
PEARL RIVER, LOUISIANA

WATER AND MISCELLANEOUS DETAILS

201012.1  
Dwn. Chk.  
DRD TMS  
Date Rev.  
29.AUG.01

Sheet 07