

PLATTE COUNTY HIGH SCHOOL TRACK IMPROVEMENT PLAN

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PLATTE CITY PLATTE COUNTY, MISSOURI

Horizontal Control
CP#1- SET 1/2" IRON BAR
N- 1162981.47
E- 2711954.49

CP#2- FOUND 1/2" IRON BAR CAP CLS-39
N- 1162419.93
E- 2711869.75

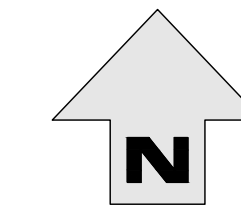
CP#3- SET 5/8" IRON BAR
N- 1162278.19
E- 2711555.65

Vertical Control
BM#1- 80D NAIL EAST SIDE POWER POLE
ELV- 939.98

BM#2- SQUARE CUT SOUTHWEST CORNER
SIDWALK
ELV- 934.86



VICINITY MAP
NOT TO SCALE



GENERAL NOTES:

- THE CONTRACTOR SHALL REMOVE ALL STRUCTURES, INFRASTRUCTURES, ETC. NOTED TO BE DEMOLISHED FROM THE SITE. PROTECTION AND REPAIR / REPLACEMENT OF EXISTING UTILITIES, AMENITIES, STRUCTURES, ETC. NOT NOTED TO BE REMOVED IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL DEMOLISH EACH ITEM AS NOTED TO PROVIDE ADEQUATE TRANSITION FROM EXISTING TO NEW CONSTRUCTION ADJACENT ITEMS DEMOLISHED SHALL BE REPLACED IN ACCORDANCE TO CONSTRUCTION DOCUMENTS AND TO THE SATISFACTION OF THE OWNER/ARCHITECT.
- ANY/ALL EXCAVATED MATERIAL NOT SUITED FOR FILL OR FINAL GRADING SHALL BE RELOCATED OFF-SITE.
- ALL FINISH ELEVATIONS ARE TO THE TOP OF CONCRETE OR STORM STRUCTURE, UNLESS OTHERWISE NOTED. PROVIDE SMOOTH UNIFORM GRADE TRANSITIONS FROM AREAS OF CONSTRUCTION TO EXISTING.
- 3" MIN. TOP SOIL IS REQUIRED AT ALL LOCATIONS DISTURBED BY CONSTRUCTION AND AREAS TO RECEIVE SEEDING. SEEDING SHALL BE BY OWNER.
- TRACK, RUNWAY AND FIELD EVENTS CONSTRUCTION SHALL MEET THE 2018 NATIONAL FEDERATION OF STATE HIGH SCHOOL ASSOCIATIONS REQUIREMENTS FOR CONSTRUCTION.
- ALL TRACK MARKINGS SHALL COMPLY WITH THE 2018 NATIONAL FEDERATION OF STATE HIGH SCHOOL ASSOCIATION INCORPORATING THE GRAPHIC SCHEME SHOWN.
- CONTRACTOR TO PROVIDE CONSTRUCTION STAKING FOR TRACK - COORDINATE THROUGH NAPIER ENGINEERING, C/O BRETT NAPIER (913) 375-0482.

SUMMARY OF QUANTITIES

1. MOBILIZATION	LUMP SUM	
2. TRACK SURFACE REMOVAL	LUMP SUM	
3. ASPHALT CRACK REPAIR (TRACK OVAL)	LUMP SUM	
4. ASPHALT CRACK REPAIR (RUNWAYS & HJ PAD)	PRICE PER FT	
5. 8" PERFORATED HDPE TRENCH DRAIN (TRENCHING, GRAVEL & FILTER FABRIC SUBSIDIARY TO PIPE)	315	L.F.
6. 8" DIA. NYLOPLAST INLINE DRAIN	4	EA.
7. 12" DIA. COIR LOGS	600	L.F.
8. SEED & MULCH	1,000	S.F.

SUMMARY OF TRACK SURFACE QUANTITIES

1. TRACK OVAL SURFACE	4,936	S.Y.
2. HIGH JUMP SURFACE	806	S.Y.
3. POLE VAULT SURFACE	71	S.Y.
4. LONG JUMP / TRIPLE JUMP SURFACE	158	S.Y.

NOTE: TRACK SURFACE SHALL BE BEYNON BS200 OR APPROVED EQUIVALENT TRACK SURFACE INSTALLER SHALL PROVIDE STRIPING PLAN & INSTALL LANE AND EVENT MARKINGS THAT FOLLOW THE 2018 NFHS TRACK & FIELD REGULATIONS.

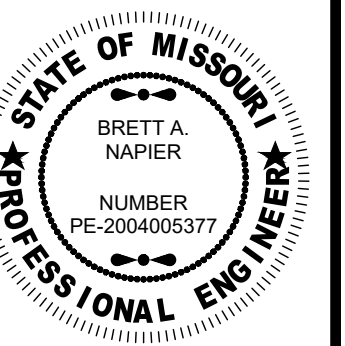
NOTE: QUANTITIES ARE FOR INFORMATIONAL PURPOSES ONLY - CONTRACTOR SHALL VERIFY ALL QUANTITIES FOR BIDDING PURPOSES



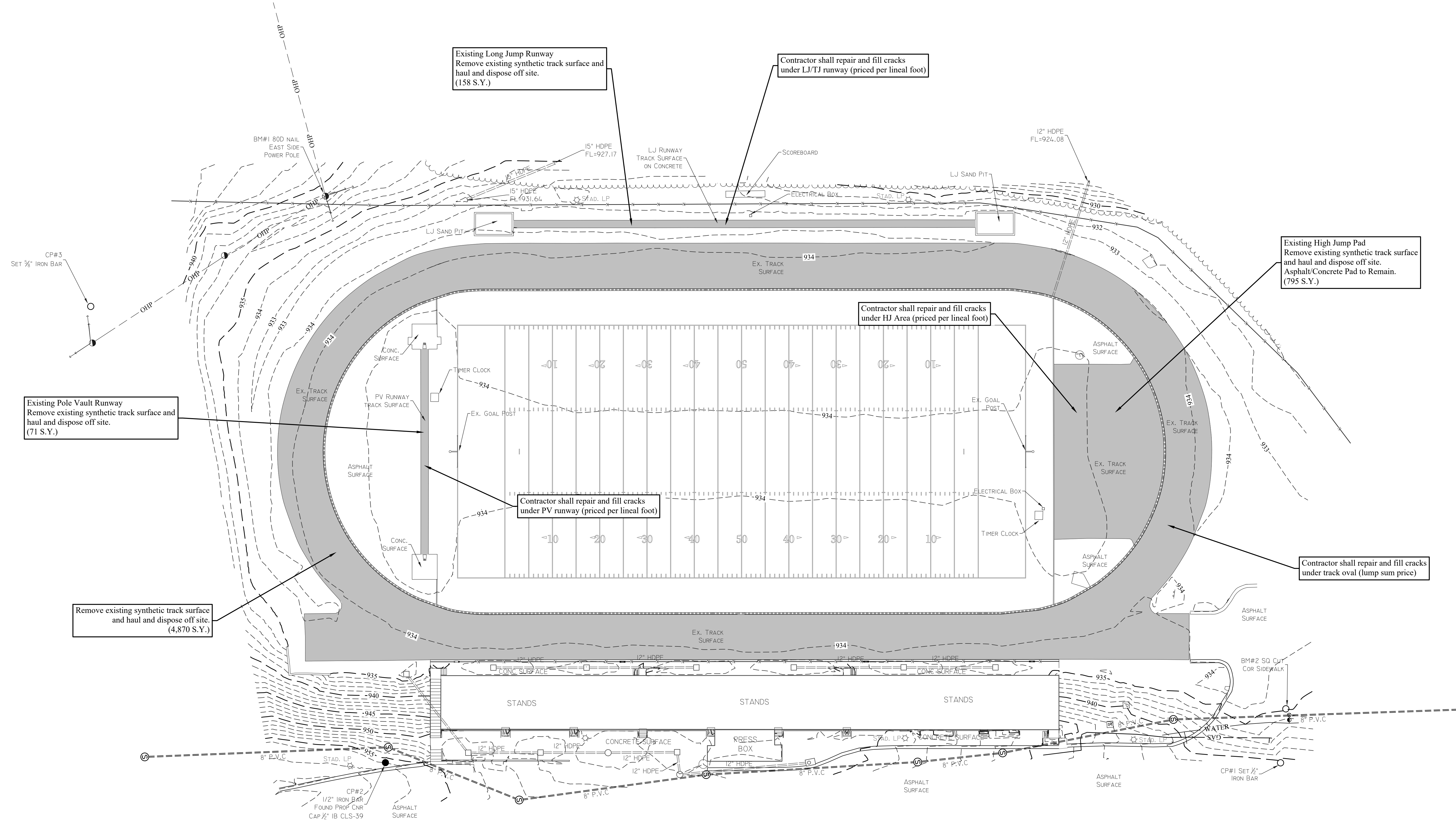
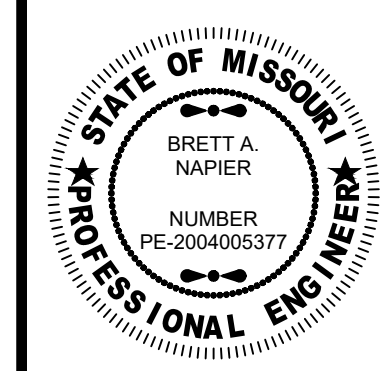
Know what's below.
Call before you dig.

LEGEND

	EXISTING TREE		CONCRETE SIDEWALK & TYPE A RAMP
	EXISTING WATER VALVE		STORM SEWER CURB INLET
	EXISTING LIGHT		STORM SEWER JUNCTION BOX
	EXISTING TELEPHONE MANHOLE		STORM SEWER AREA INLET
	EXISTING SIGN		RIP-RAP
	EXISTING POWER POLE		DENOTES SILT FENCE
	EXISTING POWER POLE W/ STREET LIGHT		DENOTES ROCK CHECK DAM
	EXISTING WATER METER		DENOTES INLET PROTECTION
	EXISTING FIRE HYDRANT		EXISTING UNDERGROUND ELECTRIC LINE
	EXISTING WATER VALVE		EXISTING OVERHEAD ELECTRIC LINE
	EXISTING GAS REGULATOR		EXISTING UNDERGROUND FIBER-OPTIC LINE
	EXISTING GUARD POST		EXISTING UNDERGROUND GAS LINE
	EXISTING GUY ANCHOR		EXISTING UNDERGROUND WATER LINE
	EXISTING GAS METER		EXISTING UNDERGROUND TELEPHONE LINE
	EXISTING SANITARY SEWER MANHOLE		EXISTING BARBED-WIRE FENCE LINE
	PROPOSED SANITARY SEWER MANHOLE		EXISTING WOODEN/METAL FENCE LINE
	EXISTING ELECTRICAL METER		LIMITS OF CONSTRUCTION
			EXISTING UNDERGROUND COMMUNICATIONS LINE



NO.	DATE	DESCRIPTION

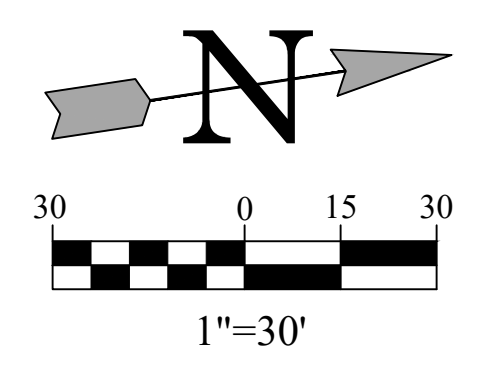


EXISTING LEGEND

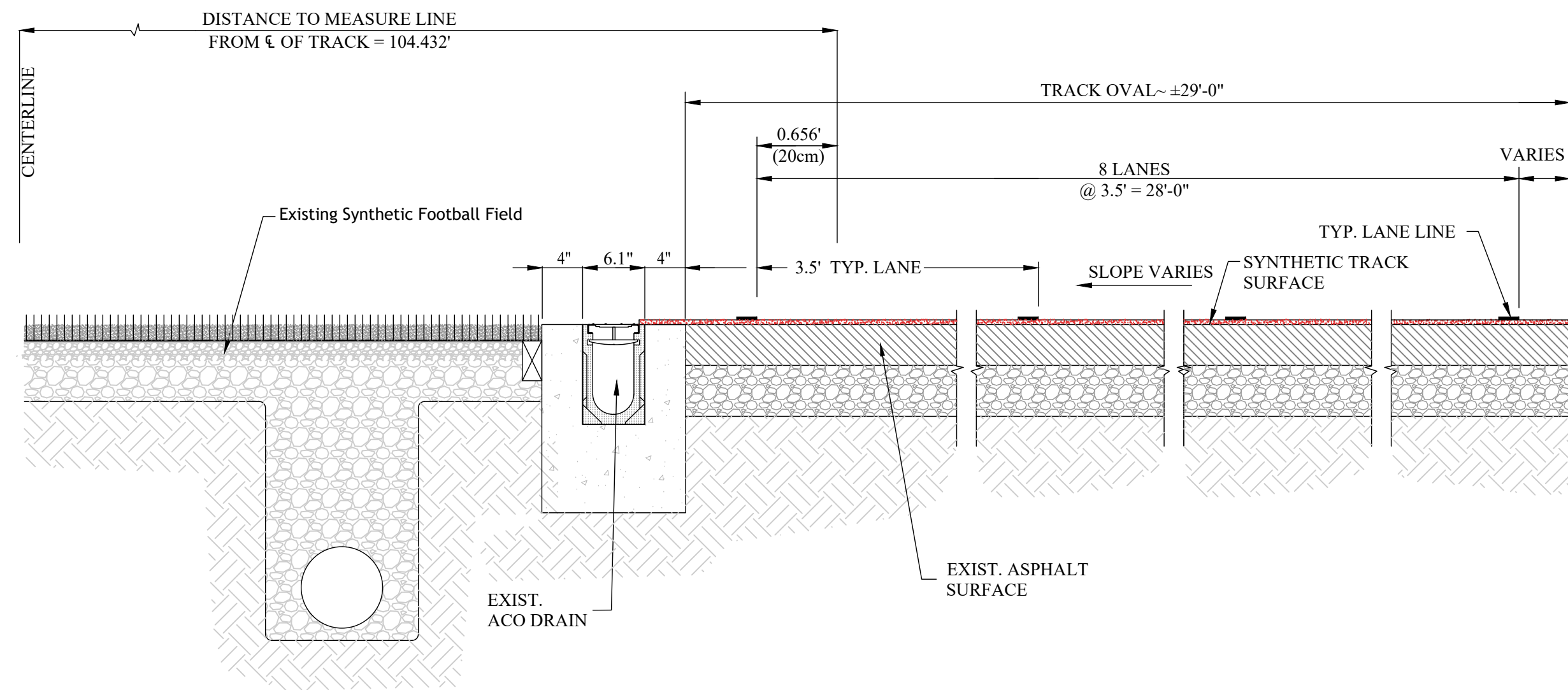
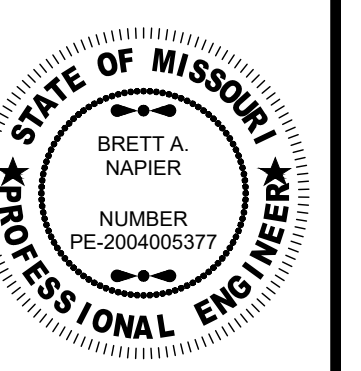
	EXISTING TREE		COMM. — EXISTING COMMUNICATION LINE
	EXISTING LIGHT		UGP — EXISTING UNDERGROUND ELECTRIC LINE
	EXISTING TELEPHONE MANHOLE		OHP — EXISTING OVERHEAD ELECTRIC LINE
	EXISTING SIGN		F/O — EXISTING UNDERGROUND FIBER-OPTIC LINE
	EXISTING POWER POLE		GAS — EXISTING UNDERGROUND GAS LINE
	EXISTING POWER POLE W/ STREET LIGHT		W/L — EXISTING UNDERGROUND WATER LINE
	EXISTING WATER METER		UGT — EXISTING UNDERGROUND TELEPHONE LINE
	EXISTING FIRE HYDRANT		— — — — — EXISTING FENCE LINE
	EXISTING WATER VALVE		— — — — — EXISTING WOODEN/METAL FENCE LINE
	EXISTING GAS REGULATOR		G.A. — EXISTING GUY ANCHOR
	EXISTING GUARD POST		GM — EXISTING GAS METER
			— — — — — EXISTING SANITARY SEWER MANHOLE
			— — — — — EXISTING ELECTRICAL METER

LEGEND

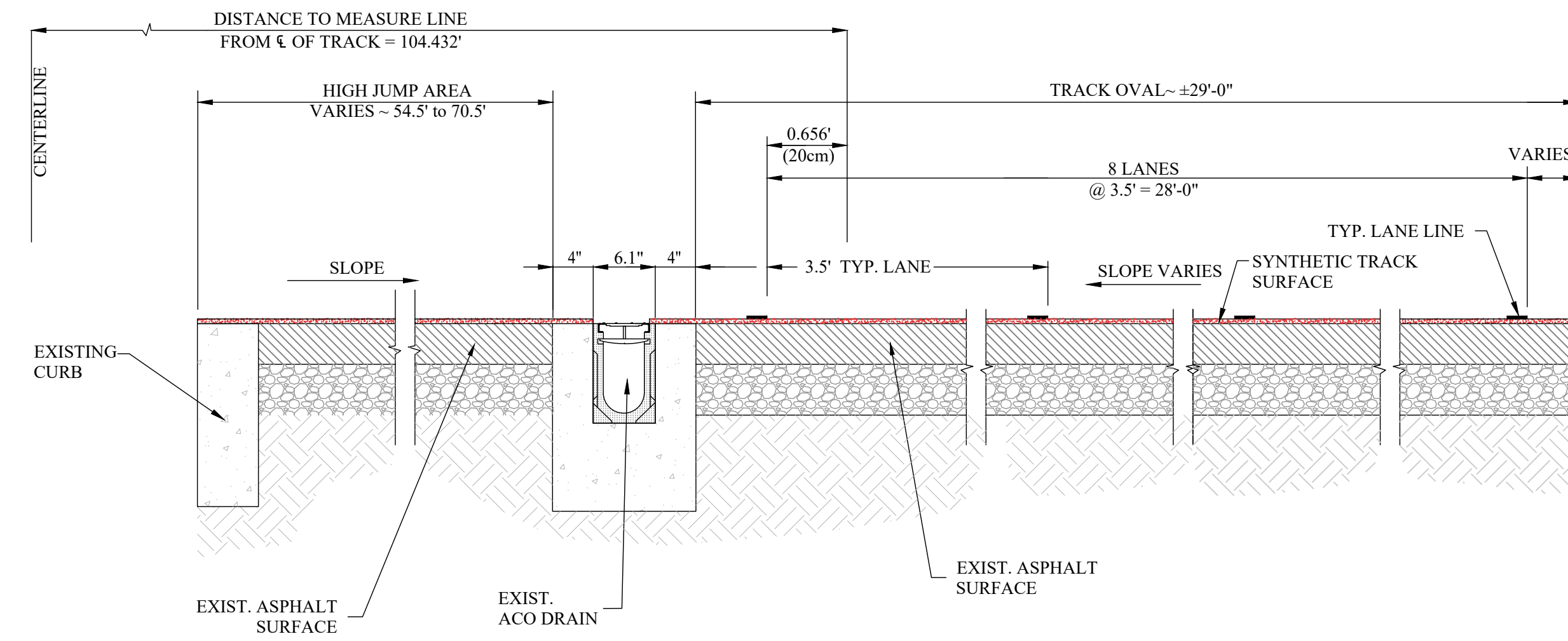
DENOTES SYNTHETIC TRACK SURFACE REMOVAL



NO.	DATE	DESCRIPTION

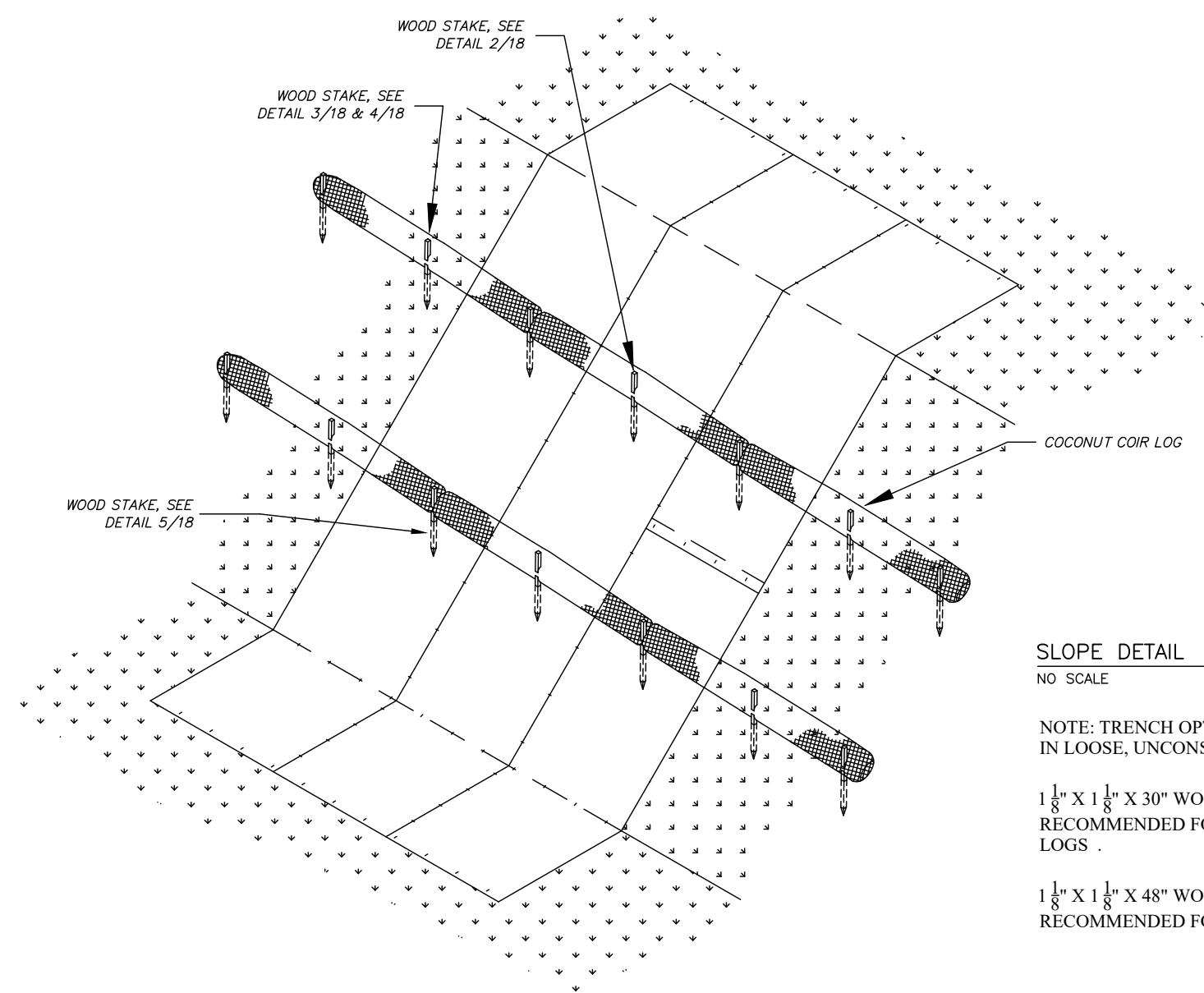


1 TRACK SECTION & INFIELD
SCALE: 1" = 1'-0"



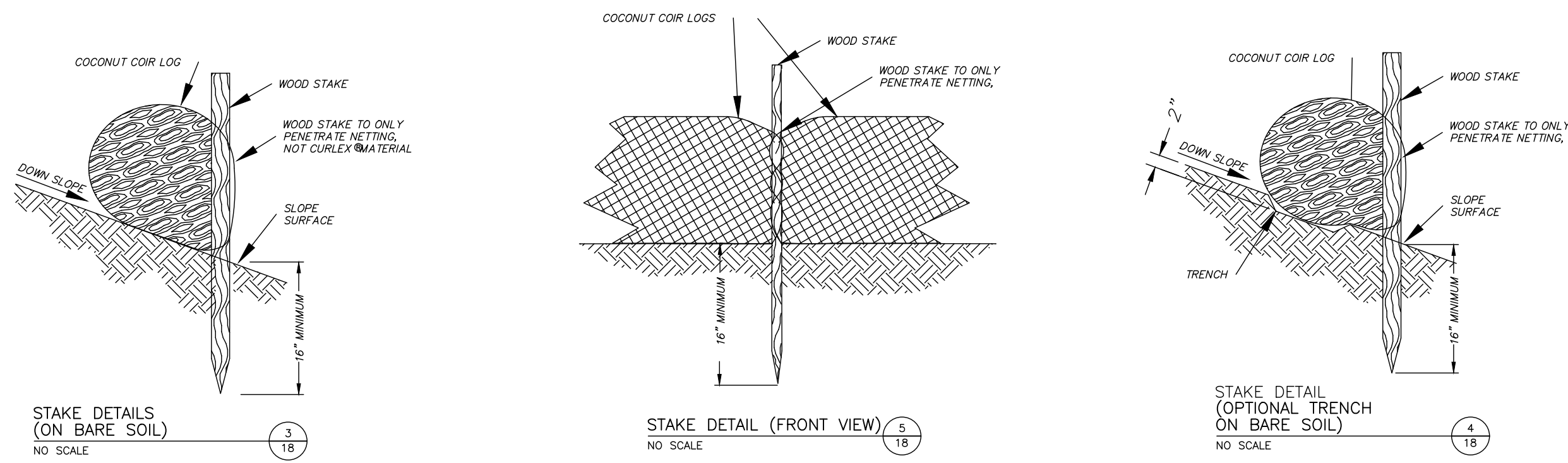
2 TRACK SECTION & HIGH JUMP SECTION
SCALE: 1" = 1'-0"

COCONUT COIR LOG DETAIL



SLOPE DETAIL
NO SCALE

NOTE: TRENCH OPTION IS MOST APPLICABLE IN LOOSE, UNCONSOLIDATED SOILS.
1 1/2" X 1 1/4" X 30" WOODEN STAKES ARE RECOMMENDED FOR 6", 9", AND 12" SEDIMENT LOGS.
1 1/2" X 1 1/4" X 48" WOODEN STAKES ARE RECOMMENDED FOR 20" SEDIMENT LOGS.

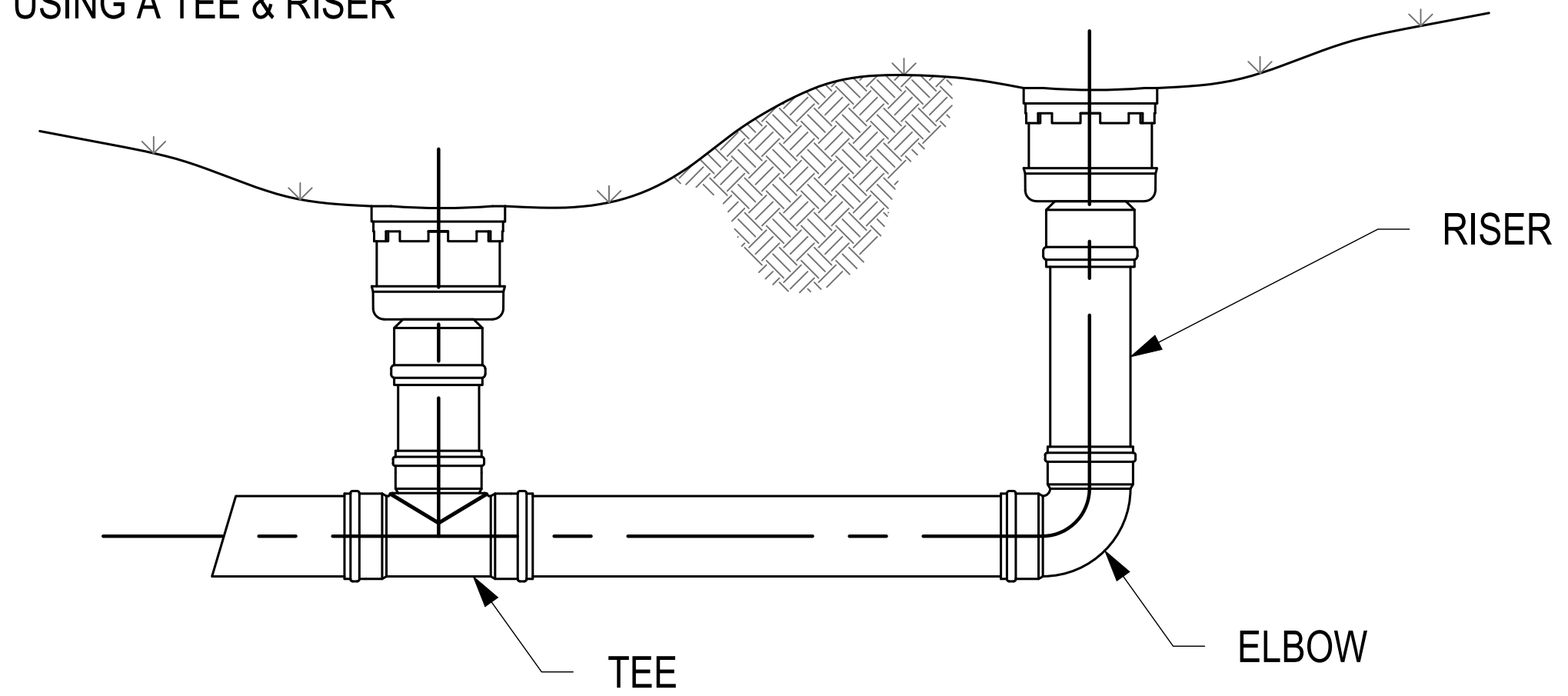


STAKE DETAILS (ON BARE SOIL)
NO SCALE

STAKE DETAIL (FRONT VIEW)
NO SCALE

STAKE DETAIL (OPTIONAL TRENCH ON BARE SOIL)
NO SCALE

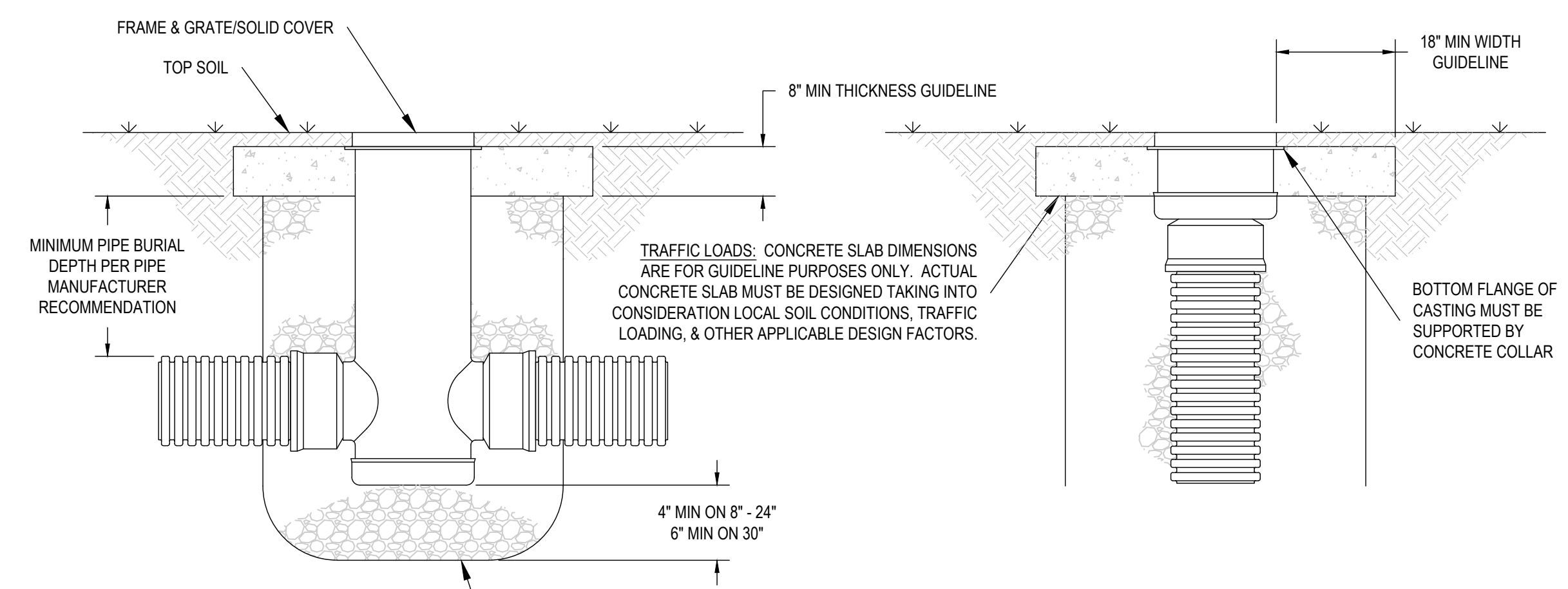
- 1: TO ENTER AN EXISTING LINE USING A TEE & RISER
- 2: AT THE BEGINNING OF A DRAIN LINE USING AN ELBOW & RISER



NYLOPLAST TURF TRAFFIC INSTALLATION
N.T.S.

12" - 30" DRAIN BASIN

12" - 30" INLINE DRAIN



THE BACKFILL MATERIAL SHALL BE CRUSHED STONE OR OTHER GRANULAR MATERIAL MEETING THE REQUIREMENTS OF CLASS II MATERIAL AS DEFINED IN ASTM D2321, OR AS DETERMINED BY LOCAL STANDARDS & SITE ENGINEER. BEDDING & BACKFILL FOR SURFACE DRAINAGE INLETS SHALL BE PLACED & COMPACTED UNIFORMLY IN ACCORDANCE WITH ASTM D2321.

1. GRATES/COVERS SHALL MEET H-20 LOAD RATING FOR 30' PEDESTRIAN & 12" - 30" STANDARD & SOLID