ACTION | FIT

By ultrasite A PLAYCORE Company

1-800-458-5872

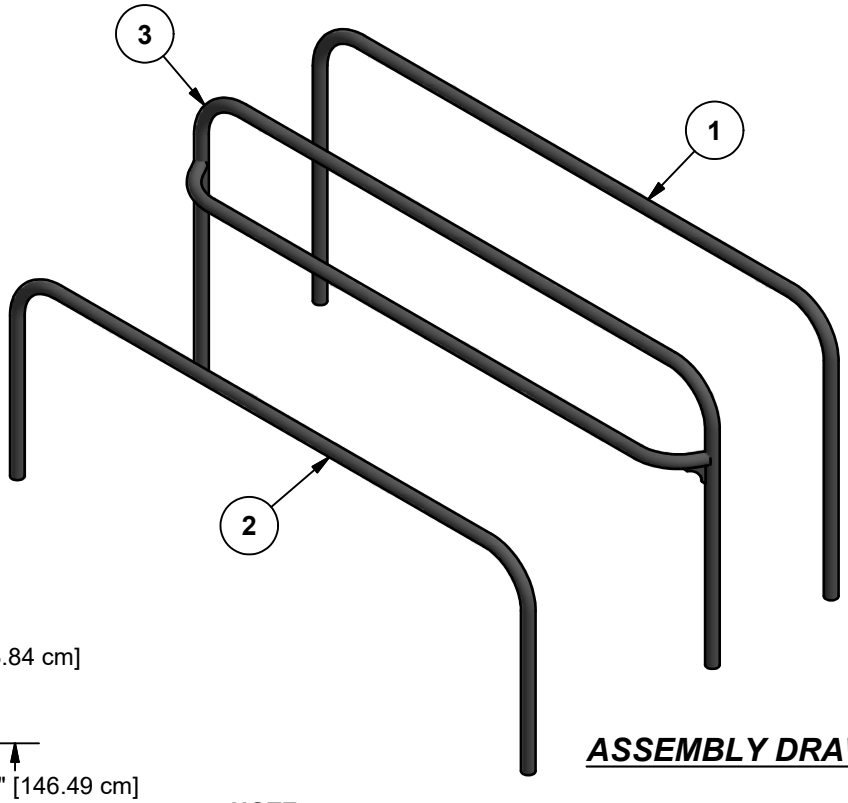
ISSUED/REVISED: 1/23/20

UP220

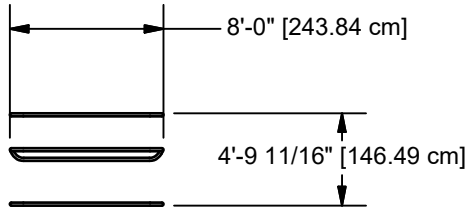
ACCESSIBLE PARALLEL BAR

= INSTALLATION DETAIL

= PARTS LIST REFERENCE



ASSEMBLY DRAWING



TOP VIEW

NOTE:
MINIMUM OF ONE USAGE/WARNING LABEL SIGN POST MUST BE USED WITH EACH ACCESSIBLE PARALLEL BAR. SEE SIGN POST INSTALLATION SHEET FOR INSTALLATION DETAILS.

SIGN POST MUST BE OUTSIDE MAXIMUM SPACE IN WHICH THE USER AND EXERCISE EQUIPMENT COMPONENTS TRAVERSE WHEN THE EQUIPMENT IS OPERATED.

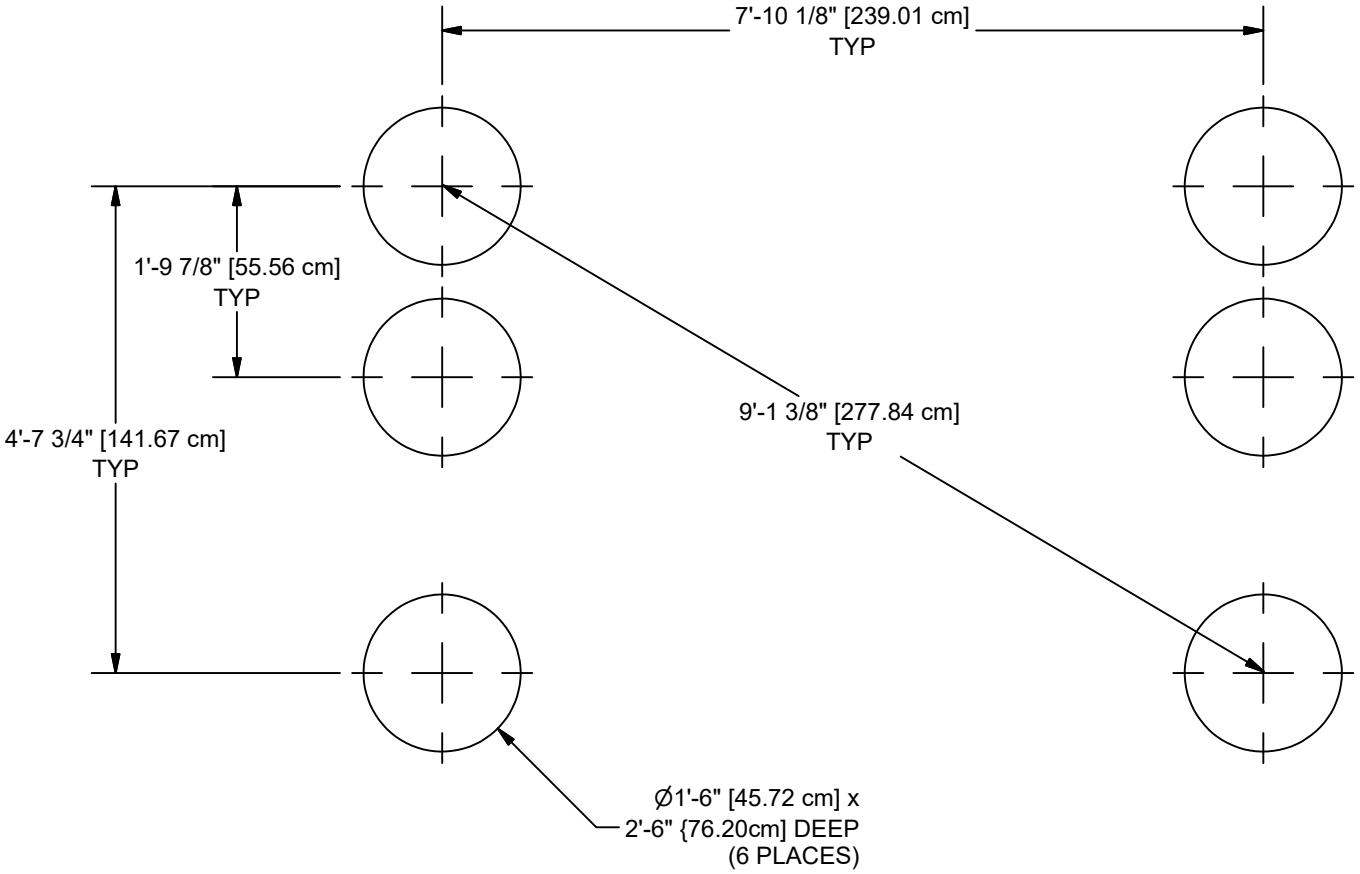
Parts List			
REF	DESCRIPTION	QTY	PART NUMBER
1	PARALLEL BAR	1	208385
2	ADA PARALLEL BAR	1	208387
3	ADA PARALLEL BAR WELD ASS'Y	1	208389
	HARDWARE COMPLETE	1	218588
	USAGE/WARNING LABEL	1	218582*

Unless Otherwise Specified, All Units of Measure are Each
** Included in Hardware*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.



NOTE: HOLE DEPTHS INDICATED ON ALL GROUND PLANS ARE MEASURED FROM THE FINISHED SURFACE. SEE FOOTING DETAILS. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINSIHED SURFACE

CONCRETE REQUIRED:
.59 CUBIC YARDS
.45 CUBIC METERS

GROUND PLAN

INSTALLATION INSTRUCTIONS

NOTE: THIS INSTALLATION BOOKLET SHOULD BE KEPT IN CUSTOMER'S FILE FOR FUTURE REFERENCE.

NOTE: Do not overtighten bolts. To overtighten may cause buckling or dimpling of some parts.

NOTE: Read installation instructions thoroughly before starting assembly. Pour concrete only after final assembly is completed. Bracing material is required during assembly.

NOTE: Assembly and leveling time will be greatly reduced if a transit is used to set location and depth of ground holes.

NOTE: Place a brick or equivalent at the bottom of ground holes (where shown), to provide a solid foundation. Allow for this in the hole depth.

STEP 1: Dig holes according to Ground Plan. **NOTE:** Due to extremes in weather and soil conditions, hole size may have to be increased to meet local conditions.

STEP 2: Place Parallel Bars into holes making sure they rest on the brick.

STEP 3: Level Parallel Bars using sway bracing.

NOTE: It is recommended that 2" x 4" braces be cut the same lengths as the distance between each set of Parallel Bars noted on Assembly Drawing. Use the braces between bars to hold distance until concrete is poured and cured.

STEP 4: Pour concrete according to the footing details. Allow 48 hours minimum for concrete to harden before using and removing sway braces.

NOTE: Use loctite (supplied by others) on all threaded hardware.

SPECIFICATIONS

PARALLEL BAR: Shall be fabricated from 1-7/8” O.D. x .145” wall galvanized steel tubing (SCH 40). Parallel Bar shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein.

PARALLEL BAR WELD ASSEMBLY: Shall be fabricated from 1-7/8” O.D. x .145” wall galvanized steel tubing (SCH 40) and 1/4" Thick H.R. Steel. Parallel Bar Weld Assembly shall be an all weld assembly and shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein.

POWDER COAT FINISH: Shall be an electrostatically applied custom formula of TGIC polyester powder. All components will be free of sharp edges and excess weld spatter and shall be cleaned in a four stage solvent / zirconium based bath system (free of iron phosphate), as a rust inhibitor, and a zirconium conversion coating to prevent flash rusting before coating. In addition, all welds shall be protectively coated with ZRP, a zinc rich primer that forms a rust-resistant barrier layer over each weld prior to application of the powder coating. The powder coating shall have a super tough finish with maximum exterior durability and will have superior adhesion characteristics. Typical characteristics are: Two coat process to achieve 3.0 - 5.0 mil thickness and oven cured between 350 degrees Fahrenheit. Pencil Hardness H (ASTM D-3363), Impact (ASTM D-2794- 69), Wedge Bend (ASTM D-522-68), Adhesion (Cross Hatch ASTM D-3359 & Knife Scratch ASTM D-2197), Environmental (Stain Resistance ASTM D-1308, Humidity ASTM D-2247 - 87, Salt Spray ASTM B-117 & Fadometer 300 hrs with no loss of gloss), Over-bake Stability 100% at 350 degrees Fahrenheit for 10 minutes.

HARDWARE: All nuts, bolts, screws, inserts, and lockwashers used in the assembly of all play equipment, shall be stainless steel, yellow dichromate plated steel, blue-coat plated steel, mechanically galvanized or powder coated/yellow dichromate plated steel. All primary fasteners shall be 300 series stainless steel. Fasteners with yellow dichromate treatment have an electro deposited, 99.9% pure zinc substrate applied from a specially formulated solution sealed with a yellow dichromate top coat designed to work in conjunction with the zinc plating. Yellow dichromate has a 320% longer life to white corrosion and 275% longer to red corrosion than does hot-dip galvanizing. NOTE: All weights are based on average comparisons of each part.

SPECIFICATIONS: ULTRASITE has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.

IMPORTANT PRODUCT INFORMATION AND SAFETY WARNINGS

☐ Installation over a hard surface such as concrete, asphalt, or packed earth may result in serious injury or death from fails. Especially all elevated upper-body strength building equipement.

☐ ALWAYS FOLLOW INSTALLATION INSTRUCTIONS WHEN ERECTING EQUIPMENT.

☐ Worn surfaces around equipment should be restored. Concrete footings should never be exposed. Surface depth should comply with installation instructions.

☐ Equipment should be placed to eliminate conflicting traffic patterns.

☐ All equipment should be free of rust and repainted whenever necessary to deter rusting.

☐ All protruding nuts and bolts should be covered; sharp edges on pipes should be capped or removed. Check for bent, broken or severely worn pipe and replace.

☐ Test overall stability and rigidity of all exercise equipment. Check for proper assembly, installation and ground anchoring.

☐ Check for and repair damage caused by wear or vandalism, a major factor in injury-causing situations.

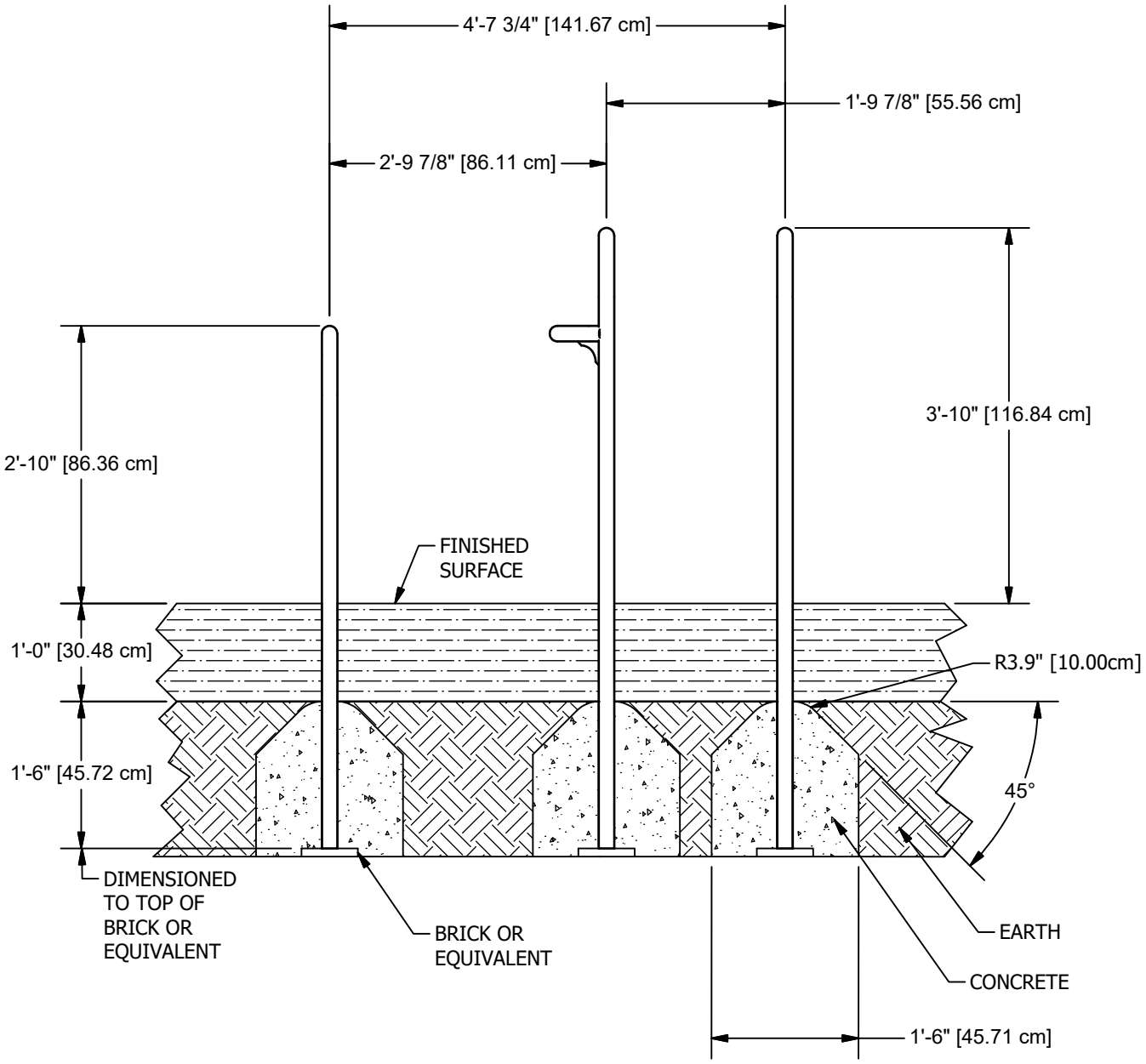
☐ UltraSite® PROVIDES ITS CUSTOMERS WITH COMPLETE SPECIFICATION SHEETS AND INSTALLATION INSTRUCTIONS. THE SPECIFICATION SHEET CONTAINS THE LISTING OF EVERY PART USED IN A PIECE OF EQUIPMENT AND SHOULD BE KEPT IN THE CUSTOMER'S FILES FOR ACCURATE REFERENCE WHEN REPLACEMENT PARTS ARE NEEDED.

☐ Never add components not intended for use with this product.

☐ Regular checking of all parts, castings, etc. should be made. If a part is broken or worn it should be replaced immediately.

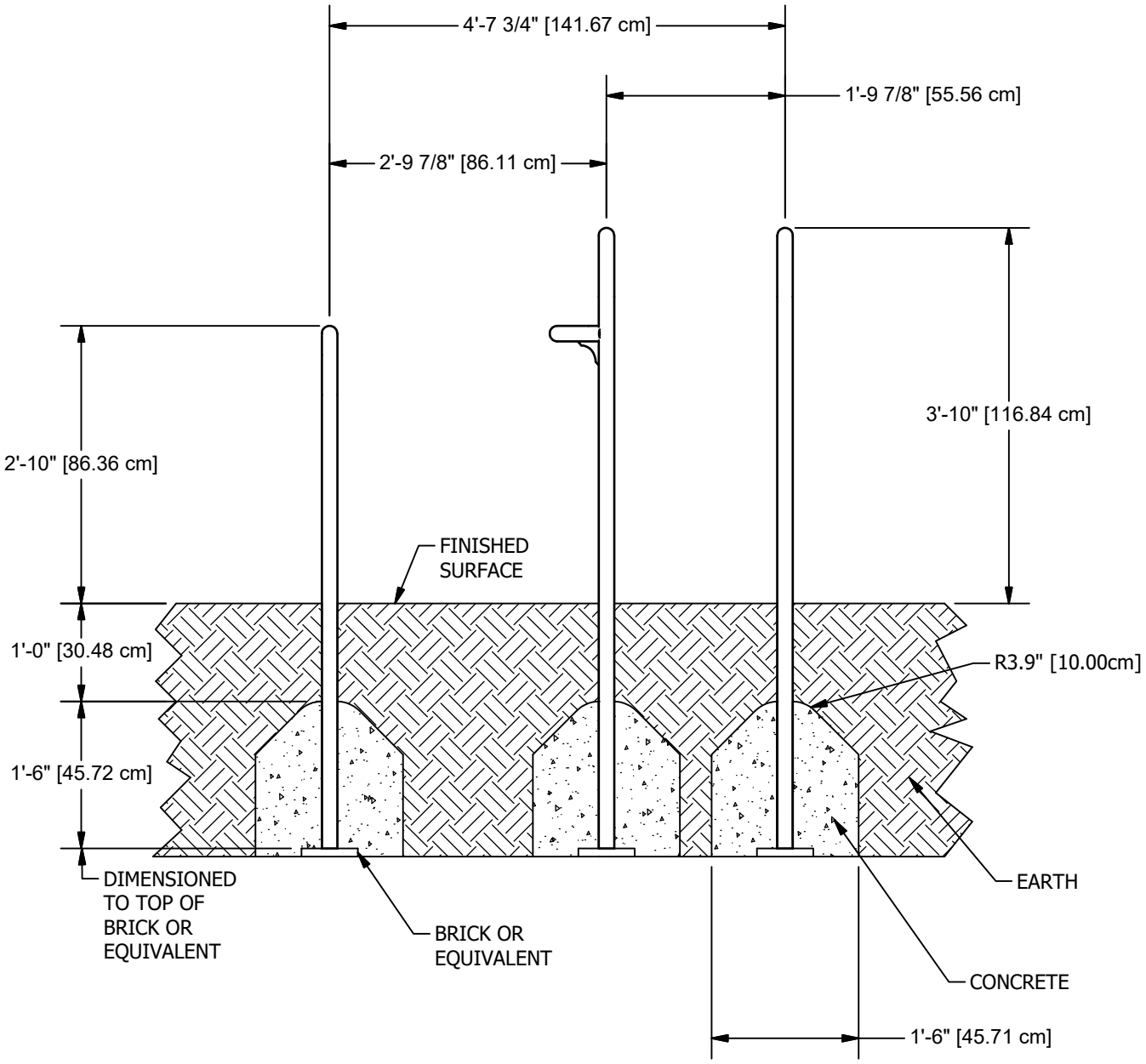
☐ Proper maintenance of UltraSite® equipment requires regular tightening of all bolts, nuts, and set screws.

☐ Check to be sure all fittings are tight and that the bars and pipes do not move.



RESILIENT SURFACING

NOTE: SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48 CM] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.
SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI
SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1.



COMPACTED SURFACING

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