SPERM STRYINGAL NATES

Londs Codes and Standards 1. Austio Nod Londing 2. Medican Concrete Institute "Dialding Code Registerents for Structural Concrete" - Act 316-44 (Act)

66)ERAL

- 1. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY SHORING AND BRACING TO MANTAIN THE STABILITY, SAFETY, AND LATERAL LOAD RESISTANCE OF THE BRILDING AND ITS HOMBIAL COMPONENTS THROUGHOUT CONSTRUCTION
- 2. DIFENSIONS AND DETAILS SHALL SE CHECKED ASAINST ARCHITECTURAL DRAWINGS.
- 5. THE CONTRACTOR SHALL YERRY AND COORDINATE THE SIZE AND LOCATION OF ALL OPENINGS, SLEEVES AND AICHOR BOLTS AS REGULED BY ALL TRADES, OPENINGS NOT SPECIFICALLY SHOWN SHALL BE APPROVED BY THE ARCHITECT AND ENGINEER.
- A DIRECTION OF THE STREET, CONTROL AND ACCUPANT OF ALL THE STREET, AND ALL THE CONTRACTOR HIS COPPARIED THE DESCRIPT, AND ALL THE ARCHITECTURAL DRAWING AND HIS RECEIVED CLARET, AND AND THE ARCHITECTURAL DRAWING AND HIS RECEIVED.
- 5. DO HOT SCALE DRAWINGS TO DETAIN REORMATION.

- I. FORDATIONS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE PRESIMPTING VALUES SET FORTH IN THE STATE BULDAIS CODE.

 2. ALL FORTINGS SHALL BEAR ON UNDISTURSED, NATURAL MATERIAL OR CONTROLLED STRUCTURAL FILL NAVING AN ALLOWANCE BEARING VALUE OF 20 TONS
 FOR COLLINE FOR THE CONTROL OF THE STATE OF
- 3. ALL FOOTINGS SHALL BEAR AT LEAST 316" BELOW FINSH GRADE.
- 4. BLEATIONS OF THE BOTTOH OF FOOTTIS BHOHLON IT, AND AME FOR BODDIS PURPOSES AND REPRESENT THE HARREST ALLOHARE ELEVATION, THE DOTTING OF FOOTTIS SHALL BE LOWERD AS RECORDED TO BOAR OH SULFABLE HATBRIAL AS DEFINED ABOVE ON MISSIRALE HATBRIAL SHALL BE ROYOUTED AND REVISION BHI STRUCKAR FILL.
- 5. IF FOOTING ELEVATION IS TO BE LOWERED HORE THAN LOO' FROM HHAT IS SHOWN ON PLAN (TO HARITAIN FROST DEPTH OR TO BEAR ON SATUREE HATERIAL), NOTIFY ENGREEN PRIOR TO CONSTRUCTION
- Existing In-compacted fills belon postings shall be rejectanted either by removal and replacement, or group improvement designed to achieve in toos per square foot dearing capacity.
- 1. EXCEPT AS NOTED, FORDATION HALLS ARE GENERALLY KOT DESIGNED AS PREESTAIDING RETAINING HALLS. AS SICH THEY HIST BE BACKFILLED ON BOTH SIDES EQUILLY OR TEPPORARILY SPACED LINE, OTHER STRUCTURAL ELEMENTS INICH BRACE THESE HALLS ARE IN PLACE.

- I. ALL CORRETE SHALL COMPLY INTH REQUIREMENTS OF CHAPTER 4 SHACE BIG AND BE HORRAL MEIGHT (INLESS INDICATED AS LIGHT MEIGHT ON PLANS). MITH A MIX 26 DAY COMPRESSIVE STREAMS OF 5000 PSHAND A HAX MIX OF X.
- 2. ALL CONCRETE EXPOSED TO FREEZE-THAN GYCLES SHALL BE AIR ENTRAINED.
- 5. ALL RENFORCAGE BLANS SHALL BE HIGH STRENSTH DEFORMED BLARS CONFORMING TO ASTH A 615 GRADE 60, EPOXY-COATED REBAR TO BE 1550 IN LOCATIONS SHOWN ON DRANGINGS.
- 4. ALL REMFORCING BARS SHALL BE DETAILED IN ACCORDANCE WITH "ACL DETAILING HANUAL" SHON THE INMEER AND LOCATION OF ALL BAR SUPPORTS AND ACCESSORIES HECESARY TO SUPPORT REMFOREDENT IN POSITIONS INDICATED ON THE RIACKS DRAWNES.
- 3. MHMM CLEAR COVER FOR REINFORCEMENT WHEN NOT OTHERWISE INDICATED SHALL BE

CONCRETE GAST AGAINST EARTH

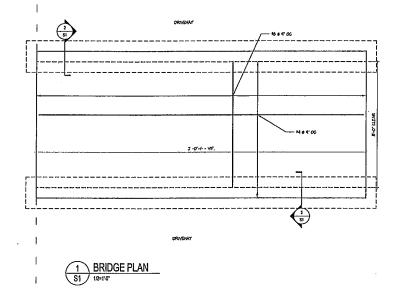
CONCRETE POWED IN FORMS BUT EXPOSED TO EARTH OF NEATHER:

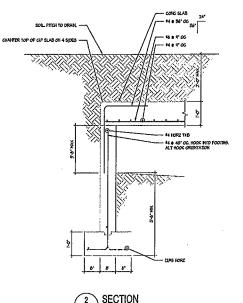
A. BARS IS AND SHALLER

B. BARS LARGER THAN IS

- 6. NO SPLICES OF RENFORCEMENT SHALL BE HADE EXCEPT AS DETAILED OR APPROVED BY THE STRUCTURAL ENSIGHER DEVELOPMENT / SPLICE LIBSTNI SHALL DE AS SHAPH ON THE TARLE IN THE TYPICAL DETAILS INLESS OTHERASSE HOTED, VALLES SHAPM ARE IN HICKES, HAVE ALL BARS CONTINUOS ARCHYL CORPOR.
- SLADS, BEANS AND HALLS SHALL HAVE NO JOINTS IN A HORIZONTAL PLANE. ANY STOP IN CONCRETE HORIX HIST BE HADE AT CENTER OF SPAN OR AT CENTER OF SHPFORT INTIN HERICAL BLYLEAGS, HORIZONTAL REYS AND RESTORCING CONTINUES THROUGH ALL CONSTRICTION JOINTS SHALL BE AS DETALED OR AS PAPPOATE BY THE STRUCTURAL BENEFER.
- 6. HRE HESH RESPONCEDENT MIST LAP ONE RICL MESH AT SIDE AND END LAPS, AND SHALL BE KIRED TO SETTER, PROVIDE ADEQUATE SUPPORTS FOR MESH TO DEURE ITS LOCATION AS SHOWN ON DRAWINGS.

- I. ALL HOLES INTO PASCARY OR CONCRETE HALLS FOR PROPRETARY ANCHORING SYSTEMS SHALL BE DRILLED AND CLEARED IN STRICT ACCORDANCE INTO THE HAMP ACTURER'S RECOMMENDATIONS.
- ALL PROPRIETARY ANCHORING SYSTEMS SHALL BE INSTALLED IN STRUCT ACCORDANCE WITH THE HARLFACTURER'S REQUIREMENTS AND USING ALL RECOMMENDED ACCESSORIES AND SUPPLEMENTAL COMPONENTS SICIL AS SCREEN TIBES, MARKERS, ETC.
- S. ALL HOLES IN HOLLOH MASONRY SHALL BE DRILLED HITH ROTARY DRILLS, HAVOUR DRILLS ARE NOT PERMITTED,
- 4. ALL EPOXY ADJESIVE SHALL BE HILTI RE-500, SMPSON ET OR APPROVED EQUAL UND.
- 5. ALL ACRYLIC ADVESTVE SHALL BE HILTI HIT (M'200 OR HYTO), SHPSON AT OR APPROVED EQUAL UNIO.
- 6. ALL CONCRETEMASORRY SCREM ANCHORS SHALL BE HILTI HIS-IL SUPSON TITER, ITM TAP-COX OR APPROVED BOUNL WHO.
- 1. ALL EXPANSION ANCHORS SHALL BE HILTI KHIK-BOLT 5, SHESON NEDSE-ALL OR APPROVED EQUAL VIX.O.









SI

NOTES, PLAN & DETAILS.