

DEPARTMENT OF PUBLIC WORKS

OFFICE OF ARCHITECTURAL SERVICES

Mayor:
OSCAR B. GOODMAN

City Council:
GARY REESE
(Mayor Pro-Tem)
MICHAEL J. McDONALD
LARRY BROWN
LYNETTE B. McDONALD
LAWRENCE WEEKLY
MICHAEL MACK

Acting City Manager:
DOUGLAS A. SELBY

Director of Public Works:
RICHARD D. GOECKE


Deputy Director of Public Works:
K. JOHN MCNELLIS, P.E.

DETENTION FACILITY

UNIT 2 EXERCISE YARD COVER

APPROVED BY: _____ DATE: _____

MIKE SHELDON, DIRECTOR
Department of Detention and Enforcement

REVISIONS	
CONSULTANT	HUNT ENGINEERING, INC. 2595 SOUTH CIMARRON ROAD SUITE 100 LAS VEGAS, NEVADA 89117 TELEPHONE: (702) 942-4300 FAX: (702) 942-4301
	
	DETENTION FACILITY UNIT 2 EXERCISE YARD COVER COVER SHEET
OWNER:	CITY OF LAS VEGAS DEPARTMENT OF PUBLIC WORKS ARCHITECTURAL SERVICES
400 EAST STEWART AVENUE LAS VEGAS, NEVADA 89101	PHONE: (702) 229-5535 FAX: (702) 384-4846 TDD: (702) 386-9108
DRAWN	MCK
FILE	DT40R
DATE	04-05-04
SCALE	AS SHOWN
ADD NO	04.15341.02
CLVING NO	513-55-2YC
SIT NO	COVER

GENERAL NOTES

- THE DRAWINGS AND SPECIFICATIONS ARE PREPARED TO SHOW THE ENGINEER'S INTENT IN THE DESIGN AND CONSTRUCTION FOR THIS PROJECT. IN ALL MATTERS RELATED TO THE USE OR INTERPRETATION OF THESE VARIOUS DRAWINGS AND SPECIFICATIONS, THE O.A.S.'S WRITTEN STATEMENT SHALL BE CONSIDERED FINAL.
- ALL CONSTRUCTION MATERIALS SHALL AS A MINIMUM BE EQUAL TO THE REQUIREMENTS OF THE CURRENT EDITIONS OF THE INTERNATIONAL BUILDING CODE, NATIONAL ELECTRICAL CODE, AND ALL REQUIREMENTS OF THE VARIOUS GOVERNING AGENCIES.
- ALL WORK IS TO BE COMPLETE, OPERABLE AND ACCOMPLISHED IN A NEAT AND WORKMANLIKE MANNER IN ACCORDANCE WITH THE BEST PRACTICES OF THE VARIOUS TRADES AND TO THE SATISFACTION OF THE O.A.S. AND/OR OWNER.
- THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS BEFORE STARTING WORK. THE O.A.S. SHALL BE NOTIFIED OF ANY DISCREPANCY.
- SHOULD A DISCREPANCY APPEAR IN SPECIFICATIONS OR DRAWINGS, OR IN WORK DONE BY OTHERS, THAT AFFECT THE WORK, NOTIFY THE GENERAL CONTRACTOR AND THE O.A.S. AT ONCE FOR INSTRUCTION. IF THE CONTRACTOR PROCEEDS WITH THE WORK AFFECTED WITHOUT WRITTEN INSTRUCTION FROM THE ARCHITECT THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY WORK RESULTING IN DAMAGE OR DEFECT OR MISINTERPRETATION.
- SHOULD A CONFLICT OR DISCREPANCY OCCUR IN OR BETWEEN DRAWINGS AND SPECIFICATIONS, IT IS DEEMED THAT THE CONTRACTOR HAS BID THE MOST EXPENSIVE MATERIALS AND CONSTRUCTION INVOLVED UNLESS HE HAS OBTAINED WRITTEN INSTRUCTION FROM THE O.A.S.
- THE GENERAL CONTRACTOR IS TO BE FAMILIAR WITH THE EXISTING JOB SITE AND CONDITIONS. HE IS TO ACCEPT THOSE EXISTING CONDITIONS AS HE FINDS THEM.
- ALL TRADES ARE TO BE FAMILIAR WITH ALL DOCUMENTS AND INFORMATION SHOWN. INFORMATION ON ONE IS AS BINDING AND IS AS IF SHOWN ON ALL.
- NO PORTION OF THE WORK REQUIRING A SHOP DRAWING OF SUBMISSION SHALL COMMENCE UNTIL THE SUBMISSION HAS BEEN APPROVED BY THE O.A.S. ALL SUCH PORTIONS OF THE WORK SHALL BE IN ACCORDANCE WITH APPROVED SHOP DRAWINGS AND SAMPLES.
- THE CONTRACTOR SHALL CONFINE OPERATIONS AT THE SITE TO AREAS PERMITTED BY LAW, ORDINANCES, PERMITS AND THE CONTRACT DOCUMENTS. HE SHALL NOT UNREASONABLY ENCLUMBER THE SITE WITH ANY MATERIALS OR EQUIPMENT. CONTRACTOR SHALL COORDINATE ALL AREAS WITH OWNER PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL DO ALL CUTTING, FITTING OR PATCHING OF HIS WORK THAT MAY BE REQUIRED AND SHALL NOT ENDANGER ANY OTHER WORK BY CUTTING, EXCAVATING, OR OTHERWISE ALTERING THE WORK OR ANY PART OF IT.
- ALL PATCHING, REPAIRING AND REPLACING OF MATERIALS AND SURFACES CUT OR DAMAGED IN EXECUTION OF WORK SHALL BE REPAIRED WITH APPLICABLE MATERIALS SO THAT SURFACES REPLACED WILL UPON COMPLETION, MATCH SURROUNDING SIMILAR SURFACES.
- THE GENERAL CONTRACTOR SHALL MAINTAIN THE JOB SITE IN A CLEAN AND ORDERLY CONDITION, FREE OF DEBRIS AND LITTER. EACH SUB-CONTRACTOR IMMEDIATELY UPON COMPLETION OF EACH PHASE OF HIS WORK SHALL REMOVE ALL TRASH AND DEBRIS AS A RESULT OF HIS OPERATION.
- ALL MATERIAL STORED ON THE SITE SHALL BE PROPERLY STACKED AND PROTECTED TO PREVENT DAMAGE AND DETERIORATION UNTIL USED. FAILURE TO PROTECT MATERIALS MAY BE CAUSE FOR REJECTION OF WORK.
- ALL WORK SHALL CONFORM AS A MINIMUM, TO THE STANDARDS OF THE FOLLOWING CODES:
THE CURRENT APPROVED EDITION OF THE I.B.C.
LATEST REVISION OF A.S.T.M. SPECIFICATIONS NOTED.
CODES AND STANDARDS LISTED IN THESE SPECIFICATIONS.
CODES AND STANDARDS OF ANY OTHER REGULATING AGENCIES WHICH HAVE AUTHORITY OVER ANY PORTION OF THE WORK.
- THE CONTRACT DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO BRACING, SHORING FOR LOADS DUE TO CONSTRUCTION EQUIPMENT, ETC.
- OPENINGS, POCKETS, ETC. LARGER THAN 6 INCHES SHALL NOT BE PLACED IN SLABS, DECKS, BEAMS, JOISTS, COLUMNS, WALLS, ETC. UNLESS SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS. NOTIFY THE STRUCTURAL ENGINEER WHEN DRAWINGS BY OTHERS SHOW OPENINGS, POCKETS, ETC. NOT SHOWN ON THE DRAWINGS, BUT WHICH ARE LOCATED IN STRUCTURAL MEMBERS.
- CONSTRUCTION MATERIALS SHALL BE SPREAD OUT IF PLACED ON FRAMED FLOORS OR ROOFS. LOAD SHALL NOT EXCEED THE DESIGN LIVE LOAD. PROVIDE ADEQUATE SHORING AND/OR BRACING WHERE STRUCTURE HAS NOT ATTAINED DESIGN STRENGTH.
- THE CONTRACTOR SHALL NOT SCALE DRAWINGS.
- ACCESS PANELS SHALL BE PROVIDED FOR ELECTRICAL, PLUMBING, AND ALL OTHERS WHICH MAY BE REQUIRED. COORDINATE ALL LOCATIONS WITH O.A.S.
- INSTALL ALL MANUFACTURED ITEMS, MATERIALS AND EQUIPMENT IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDED SPECIFICATIONS, UNLESS OTHERWISE SPECIFICALLY NOTED AND APPROVED BY THE ARCHITECT.

GENERAL STRUCTURAL NOTES

- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO STARTING CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION. ANY WORK THAT RESULTS FROM THE FAILURE OF NOTIFICATION MAY RESULT IN ADDITIONAL CHARGES BY THE ENGINEER.
- DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALES ON THE DRAWINGS.
- NOTES AND DETAILS ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.
- ALL WORK SHALL CONFORM TO THE MINIMUM REQUIREMENTS OF THE FOLLOWING AGENCIES UNLESS OTHER REQUIREMENTS ARE SPECIFIED:
CLARK COUNTY BUILDING CODE
CITY OF LAS VEGAS BUILDING CODE
2000 INTERNATIONAL BLDG CODE
AMERICAN CONCRETE INSTITUTE
AMERICAN INSTITUTE OF STEEL CONSTRUCTION
MASONRY INSTITUTE OF AMERICA
AMERICAN WELDING SOCIETY
NATIONAL DESIGN SPECIFICATION (1991)
- THE CONTRACT STRUCTURAL DRAWINGS, SKETCHES AND NOTES REPRESENT THE FINISHED STRUCTURE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MEASURES THAT ARE NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES INCLUDE, BUT ARE NOT LIMITED TO, BRACING AND SHORING AND SIMILAR METHODS REQUIRED FOR CONSTRUCTION LOADS OR EQUIPMENT WEIGHT, ETC. INFORMAL VISITS TO THE CONSTRUCTION SITE BY THE ENGINEER ARE NOT INSPECTION OF THESE ITEMS.
- ALL REFERENCES TO THE A.S.T.M. SPECIFICATIONS SHALL BE TO THE LATEST EDITION OF THOSE SPECIFICATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SITE CLEARING.
- THE WEIGHT OF EQUIPMENT AND OTHER SIMILAR ITEMS THAT HAVE KNOWN WEIGHTS AND DESIGN REQUIREMENTS ARE INDICATED ON THE DRAWINGS. THE DESIGN FOR EQUIPMENT THAT IS USED BUT NOT INDICATED ON THE DRAWINGS SHALL BE THE SOLE RESPONSIBILITY OF THE SUPPLIER OR CONTRACTOR.

CONCRETE

- ALL PHASES OF WORK PERTAINING TO THE CONCRETE CONSTRUCTION SHALL CONFORM TO THE LATEST EDITION OF THE ACI CODE OR CHAPTER 19 OF THE UNIFORM BUILDING CODE.
 - CONCRETE MIXES SHALL BE DESIGNED BY A QUALIFIED TESTING LABORATORY AND APPROVED BY THE STRUCTURAL ENGINEER.
 - THE CONCRETE SHALL ATTAIN THE 28-DAY STRENGTHS SHOWN IN THE FOLLOWING TABLE UNLESS OTHERWISE SPECIFIED.
- | LOCATION IN STRUCTURE | 28-DAY STRENGTH |
|--------------------------|-----------------|
| FOUNDATIONS AND FOOTINGS | 2500 PSI |
| SLAB ON GRADE | 2500 PSI |
- PORTLAND CEMENT SHALL CONFORM TO ASTM C-150. AGGREGATE SHALL CONFORM TO THE REQUIREMENTS OF C-33.
 - DRY PACK UNDER ALL BASE PLATES AND SILL PLATES, ETC. THE STRENGTH OF THE DRY PACK SHALL BE 3000 PSI MINIMUM.
 - THE MIXING OF CONCRETE SHALL BE PERFORMED IN ACCORDANCE WITH ASTM C-94. CONCRETE PLACEMENT SHALL BE DONE ACCORDING TO ACI STANDARDS.
 - CLEARANCE FROM REINFORCING SHALL CONFORM TO THE REQUIREMENTS OF ACI, CHAPTER 19, OR CHAPTER 19 OF THE UBC. THE MORE STRINGENT REQUIREMENT SHALL GOVERN IN ALL CASES.
 - ALL REINFORCING STEEL BARS, ANCHOR BOLTS, AND OTHER EMBEDDED ITEMS SHALL BE FIRMLY SECURED IN POSITION PRIOR TO CONCRETE PLACEMENT.
 - SLEEVES FOR PLUMBING AND ELECTRICAL OPENINGS IN THE CONCRETE SHALL BE PROVIDED PRIOR TO CONCRETE PLACEMENT. REINFORCING STEEL THAT CONFLICTS WITH THESE OPENINGS SHALL NOT BE CUT. CORING OF THE CONCRETE IS NOT PERMITTED.

STEEL

- STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERRECTED IN ACCORDANCE WITH THE AISC SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS OR IN ACCORDANCE WITH CHAPTER 22 OF THE UNIFORM BUILDING CODE, WHICHEVER IS APPLICABLE.
- ALL STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS UNLESS SPECIFIED OTHERWISE:
STEEL SHAPES, BARS, PLATES
A-36
ROUND PIPE
A53 GRB
AS-00 GRB
- ALL BOLTS SHALL CONFORM TO THE REQUIREMENTS OF THE FOLLOWING SCHEDULE. IF THE DRAWINGS DO NOT INDICATE THE STRENGTH OR MATERIAL REQUIREMENTS THEN THE MINIMUM VALUES SHALL BE USED.
BOLTS
MACHINE BOLTS A307
THREADS
THREADS SHALL CONFORM TO A36, A572-GR50, A588 OR A449 AS SPECIFIED ON THE DRAWINGS.
- THE STRUCTURAL STEEL FABRICATOR SHALL FURNISH SHOP DRAWINGS OF ALL STEEL SHAPES, BARS, PLATES, DECKING, AND OTHER MISCELLANEOUS ITEMS FOR ENGINEER'S APPROVAL PRIOR TO ANY FABRICATION.
- ALL HOLES IN STRUCTURAL STEEL THAT ARE NOT INDICATED SHALL BE 1/8 INCH LARGER IN DIAMETER THAN THE NOMINAL BOLT DIAMETER.
- ALL STRUCTURAL STEEL SURFACES THAT ARE ENCASED IN CONCRETE OR MASONRY, OR ENCASED BY A BUILDING FINISH, SHALL BE LEFT UNPAINTED.
- ALL WELDING SHALL CONFORM TO THE REQUIREMENTS OF THE AMERICAN WELDING SOCIETY. IF A LENGTH OF WELD IS NOT SPECIFIED THAN THE JOINT LENGTH SHALL BE WELDED. IF ELECTRODES ARE NOT SPECIFIED THAN THE WELDS SHALL USE E70XX ELECTRODES.

REINFORCING STEEL

- ALL REINFORCING STEEL SHALL BE DETAILED AND PLACED IN ACCORDANCE WITH THE DRAWINGS. THE PLACEMENT SHALL BE IN CONFORMANCE WITH THE LATEST EDITION OF THE ACI CODE OR THE UBC, WHICHEVER GOVERNS.
- REINFORCING STEEL SHALL CONFORM TO THE REQUIREMENTS OF ASTM A-615, GRADE 60 UNLESS NOTED OTHERWISE. TEMPERATURE AND SHRINKAGE REINFORCING IN FOUNDATIONS AND SLABS ON GRADE MAY BE GRADE 40.
- ALL REINFORCING BENDS SHALL BE MADE COLD.
- WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185. LAPS IN THE WELDED WIRE FABRIC SHALL BE ONE FULL MESH OR 6 INCHES, WHICHEVER IS GREATER.
- SPLICERS THAT ARE NOT INDICATED ON THE DRAWINGS SHALL BE 40 BAR DIAMETERS FOR MASONRY AND 30 BAR DIAMETERS FOR CONCRETE.

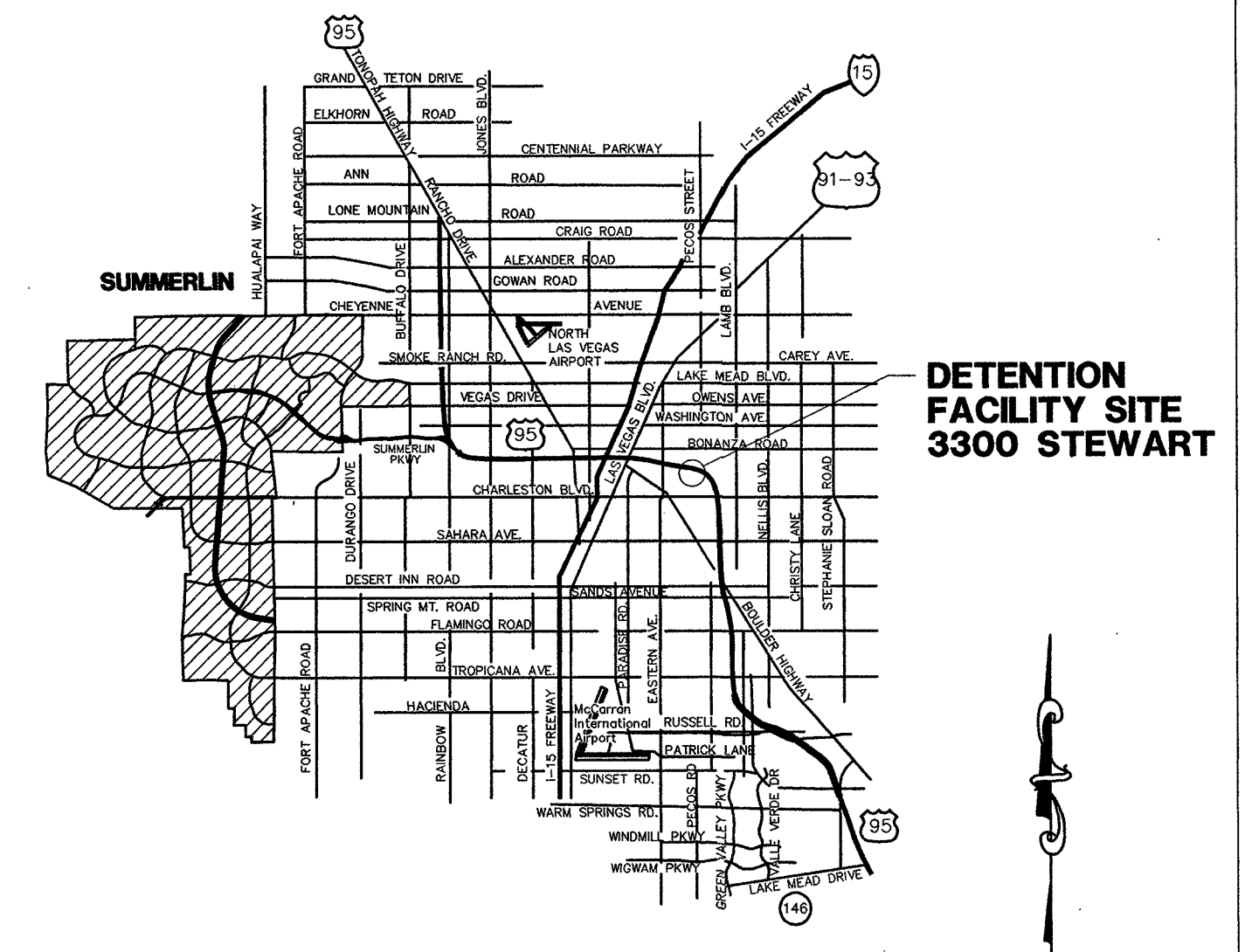
GENERAL SHEET NOTES

- STRUCTURE TO BE SHOP FABRICATED & FINISHED, THEN FIELD ERRECTED BY A SINGLE SOURCE. FIELD WELDING AND FINISHING IS NOT PERMITTED.
- THE CONTRACT DOCUMENTS ARE INTENDED TO DESCRIBE THE GENERAL DESIGN INTENT AND CONFIGURATION REQUIRED. THEY DO NOT FULLY DETAIL OR SPECIFY THE STRUCTURE OR COMPONENTS THEREOF. THE CONTRACTOR SHALL ENGINEER, DETAIL, AND SPECIFY THE FINAL DESIGN AS REQUIRED TO MEET LOCAL CODES, LAWS, ORDINANCES, ETC. AND TO OBTAIN APPROVAL OF THE BUILDING PERMIT(S) REQUIRED. THE CONTRACTOR SHALL SUBMIT THE FINAL DESIGN TO THE OWNER FOR AESTHETIC AND FUNCTIONAL REVIEW, AND AUTHORIZATION TO SUBMIT THE DESIGN TO THE LOCAL BUILDING DEPARTMENT.
- CONTRACTOR SHALL SUBMIT TO THE LOCAL BUILDING DEPARTMENT, FINAL DESIGN PLANS, DETAILS, SPECIFICATIONS, STRUCTURAL CALCULATIONS, AND OTHER SUBMITTALS AS REQUIRED BY THE DEPARTMENT AS DEFERRED SUBMITTALS, TO SECURE APPROVAL OF THE LOCAL BUILDING DEPARTMENT.
- CONTRACTOR SHALL COORDINATE THE ON-SITE WORK SCHEDULE WITH THE OWNER'S DETENTION FACILITY REPRESENTATIVE TO MINIMIZE IMPACT ON DETENTION FACILITY OPERATIONS DURING CONSTRUCTION. THE PROJECT SITE IS WITHIN THE SECURITY PERIMETER OF THE DETENTION FACILITY AND ALL ACCESS BY THE CONTRACTOR SHALL BE CONTROLLED BY THE OWNER AND MAY BE MONITORED. WORKMEN, VEHICLES AND EQUIPMENT ARE SUBJECT TO SEARCH. CONVENTIONAL WEAPONS WILL NOT BE PERMITTED AND ITEMS THAT POSE A SERIOUS THREAT TO SECURITY WILL NOT BE ALLOWED INTO THE SECURED AREA.
- CONTRACTOR OPTION: UPON REQUEST BY THE CONTRACTOR, THE OWNER WILL ASSIST IN EXCAVATION FOR COLUMN FOOTINGS AT GRID INTERSECTIONS A1, A2, A3, B4 AND C4. THESE LOCATIONS ARE DIFFICULT TO ACCESS WITH CONVENTIONAL EXCAVATION EQUIPMENT. THE OWNER CAN ASSIST BY PROVIDING A VACTOR TRUCK AND OPERATOR TO EXCAVATE BY MEANS OF HIGH PRESSURE WATER AND SUCTION TO REMOVE EARTH IN THESE TIGHTLY CONSTRAINED AREAS UNDER THE DIRECTION AND SUPERVISION OF THE CONTRACTOR.
- THE CONTRACTOR SHALL LOCATE AND IDENTIFY UNDERGROUND UTILITIES AT EACH EXCAVATION PRIOR TO DIGGING. CONTRACTOR SHALL EXCAVATE WITH CAUTION AND TAKE MEASURES NECESSARY TO AVOID DAMAGE TO UNDERGROUND UTILITIES. IF UNDERGROUND UTILITIES ARE ENCOUNTERED WITHIN THE FOOTING AREA, THE CONTRACTOR SHALL STOP WORK IN THE AREA AND REQUEST DIRECTION FROM A.O.S.
- MATERIALS DELIVERED TO THE SITE SHALL BE INCORPORATED INTO THE WORK WITHIN 7 DAYS OF DELIVERY TO THE SITE OR REMOVED OFF-SITE UNTIL READY FOR INCORPORATION.

FENCE NOTE

REMOVE INTERMEDIATE RAILS, DIAGONAL SUPPORT CABLES, BARBED WIRE AND ANY OTHER FENCE COMPONENTS AS NECESSARY FOR VEHICLE ACCESS INTO YARD. CONTRACTOR TO PROVIDE ANY TEMPORARY SUPPORT MEASURES. CONTRACTOR TO REINSTALL OR REPLACE ALL COMPONENTS REMOVED TO MATCH EXISTING WHEN WORK OF EACH PHASE IS COMPLETE. THE CONTRACTOR SHALL USE WORKMEN SKILLED AND EXPERIENCED IN THE INSTALLATION OF AND REMOVAL OF DOUBLE AND TRIPLE COILED RAZOR WIRE TO PERFORM FENCE WORK.

VICINITY MAP



DRAWING INDEX

COV	COVER SHEET
G1	GENERAL NOTES & CODE STUDY
C1	EXISTING CONDITIONS, PLAN & BUILDING SECTIONS
C2	YARD COVER PLAN, ELEVATIONS, SECTIONS & DET.
S1	FOUNDATION AND FRAMING PLANS
SD1	STRUCTURAL DETAILS

REVISIONS

NO.	DATE	DESCRIPTION

CONSULTANT

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DETENTION FACILITY
UNIT 2 EXERCISE YARD COVER

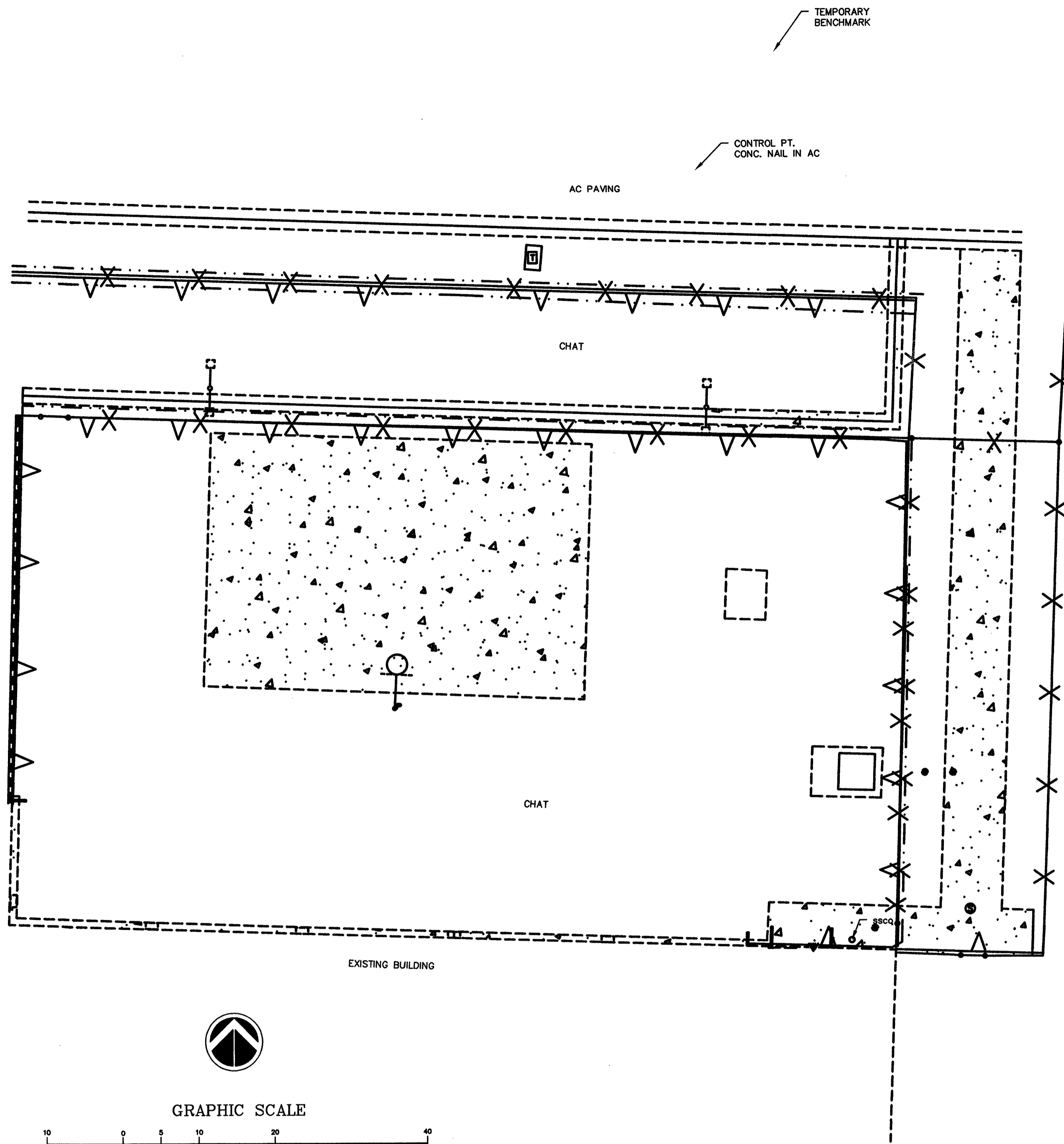
GENERAL NOTES AND VICINITY MAP

OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS
ARCHITECTURAL SERVICES

400 EAST STEWART AVENUE
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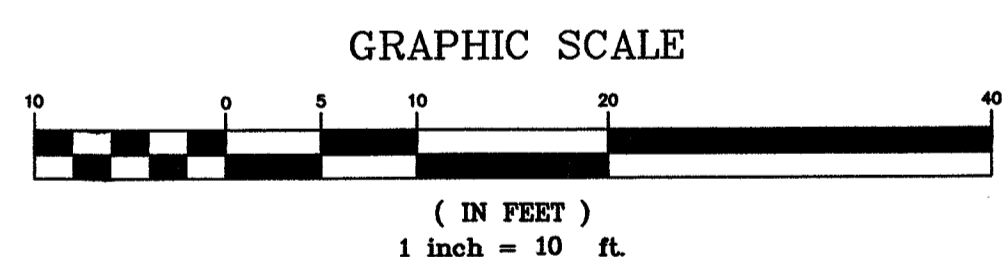
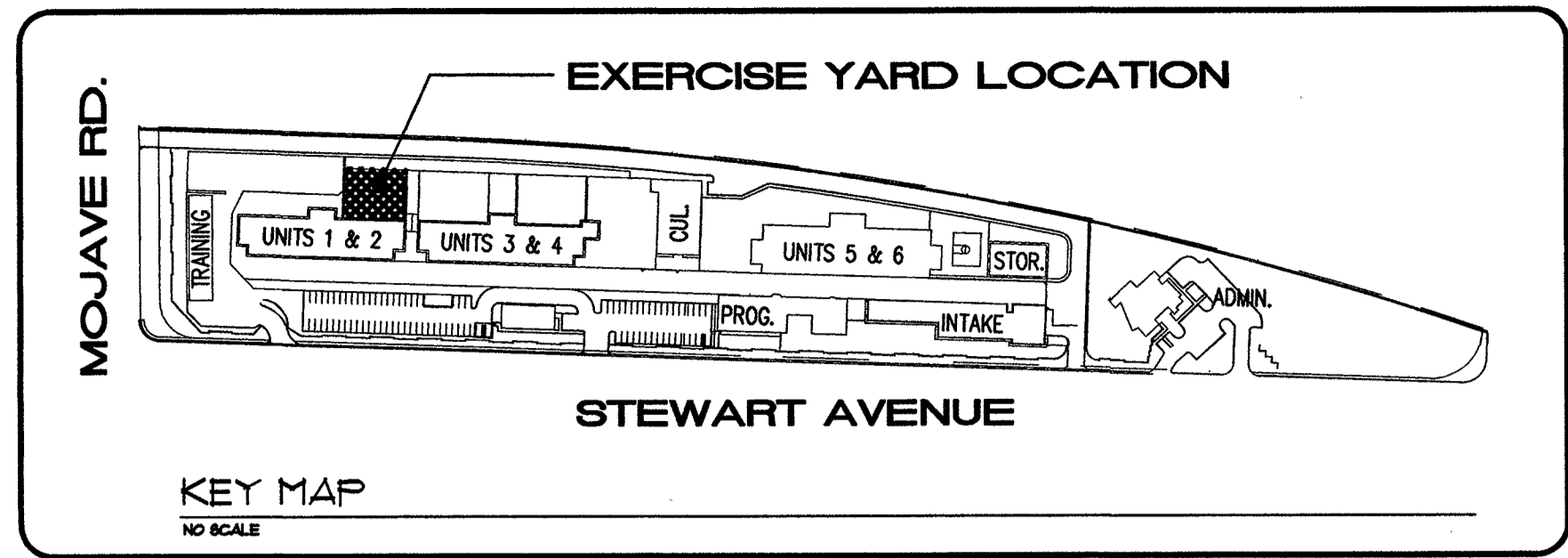
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SHEET NO: 0415341.02
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SHEET NO: G1

REVISED 8/27/03



LEGEND

- (M) MEASURED BEARING AND/OR DISTANCE
- (C) CALCULATED BEARING AND/OR DISTANCE
- (R) RECORD BEARING AND/OR DISTANCE
- EXISTING CABLE TV BOX
- EXISTING CABLE TV VAULT
- EXISTING STREETLIGHT VAULT
- ELECTRICAL METER
- ELECTRICAL VAULT
- ELECTRICAL TRANSFORMER
- EXISTING WATER METER
- EXISTING TELEPHONE M.H.
- EXISTING ELECTRICAL M.H.
- EXISTING SANITARY SEWER M.H.
- EXISTING STORM DRAIN M.H.
- HANDICAPPED MARKING
- EXISTING TELEPHONE BOX
- EXISTING TELEPHONE VAULT
- EXISTING PULL BOX
- EXISTING STREET LIGHT
- EXISTING IRRIGATION CONTROL VALVE
- EXISTING LANDSCAPE LIGHT
- EXISTING BOLLARD/POST
- EXISTING X-WALK POLE
- EXISTING TRAFFIC LIGHT
- EXISTING AREA LIGHT
- EXISTING CONTROLLER BOX
- EXISTING SIGN
- EXISTING GUY WIRE ANCHOR
- EXISTING TELEPHONE POLE
- EXISTING UTILITY POLE
- EXISTING WATER VALVE
- EXISTING FIRE HYDRANT
- EDGE OF PAVEMENT
- EXISTING WALL
- EXISTING CHAIN LINK FENCE
- EXISTING BARBED WIRE
- EX BUILDING LINE
- EXISTING CURB 30" ROLL
- EXISTING SIDEWALK
- CENTERLINE
- R.O.W. LINE
- EXISTING RAZOR WIRE
- EXISTING GATE IN CHAIN LINK FENCE
- - - EXISTING CONCRETE



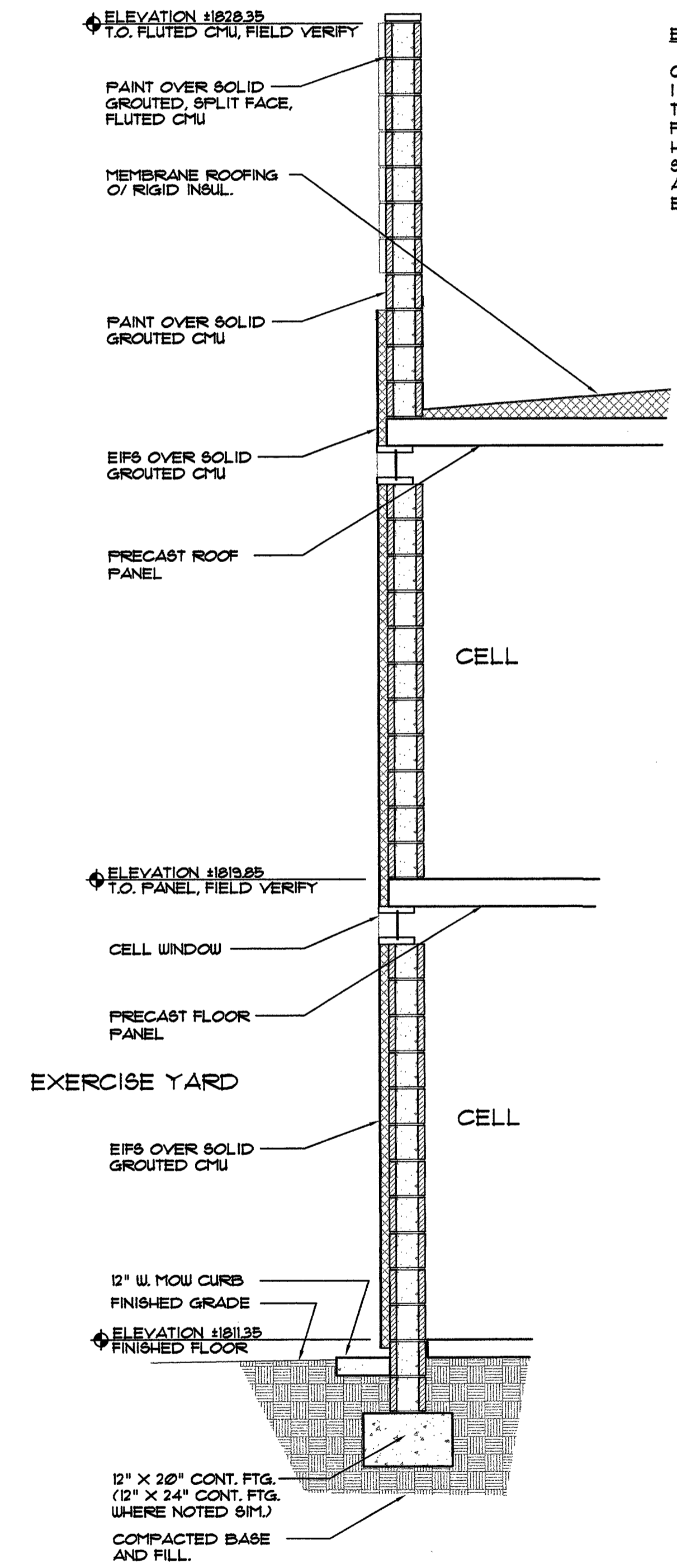
DATE OF FIELD SURVEY
MARCH 23, 2004

BASIS OF BEARINGS
NORTH 00°09'09" WEST, BEING THE CENTERLINE OF MOJAVE ROAD FROM STEWART AVE. TO CEDAR AVE. AS SHOWN ON THE DIMENSION PLAN SHT C2.01 OF THE DETENTION FACILITY EXPANSION PREPARED BY PBS&J AND DOMINGO CAMBIERO CORPORATION DATED 8-27-96.

BENCHMARK
CITY OF LAS VEGAS VERTICAL CONTROL RIVET AND PLATE IN TOP OF CURB @ SE RETURN STEWART AVE. AND MOJAVE RD.

STATION 2LV01
36C4
ELEVATION= 552.3852 METERS (NAV088)
1812.28 FEET

LEGAL DESCRIPTION
A PORTION OF THE SOUTH HALF (S 1/2) OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 36, TOWNSHIP 20 SOUTH, RANGE 61 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA.



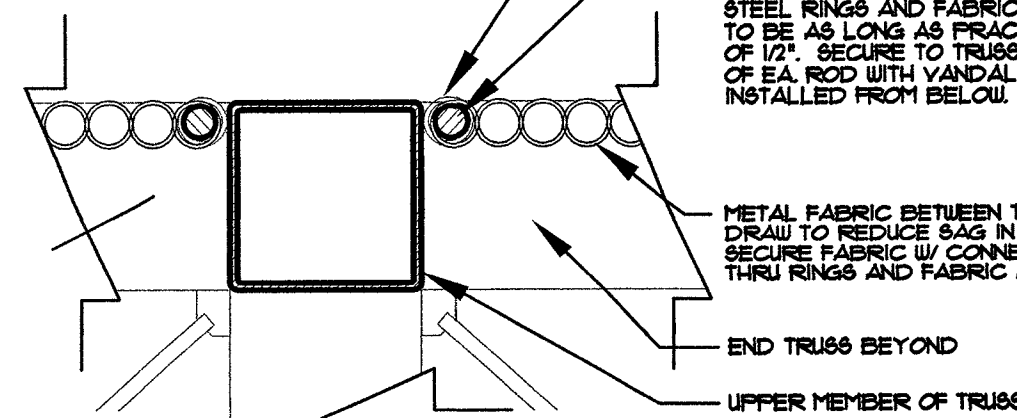
EXISTING BUILDING CONSTRUCTION
CONSTRUCTED UNDER 1934 UBC
1 - OCCUPANCY CLASSIFICATION
TYPE V CONSTRUCTION
FIRE SPRINKLERS - YES
HEIGHT - 24'-4"
STORIES - 2
AREA - 39,499 SF.
EXITS - 3

A HOUSING UNIT WALL SECTION
SCALE: 1/2" = 1'-0"

REVISIONS	
CONSULTANT	
HUNT ENGINEERING, INC. 2595 SOUTH OMARRON ROAD SUITE 100 LAS VEGAS, NEVADA 89117 TELEPHONE: (702) 942-4300 FAX: (702) 942-4301	
DETENTION FACILITY UNIT 2 EXERCISE YARD COVER EXISTING CONDITIONS KEY PLAN AND BUILDING SECTIONS	
STAMP	
OWNER: CITY OF LAS VEGAS DEPARTMENT OF PUBLIC WORKS ARCHITECTURAL SERVICES	
400 EAST STEWART AVENUE LAS VEGAS, NEVADA 89101 PHONE: (702) 229-5535 FAX: (702) 384-8846 TDD: (702) 386-9108	
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C1

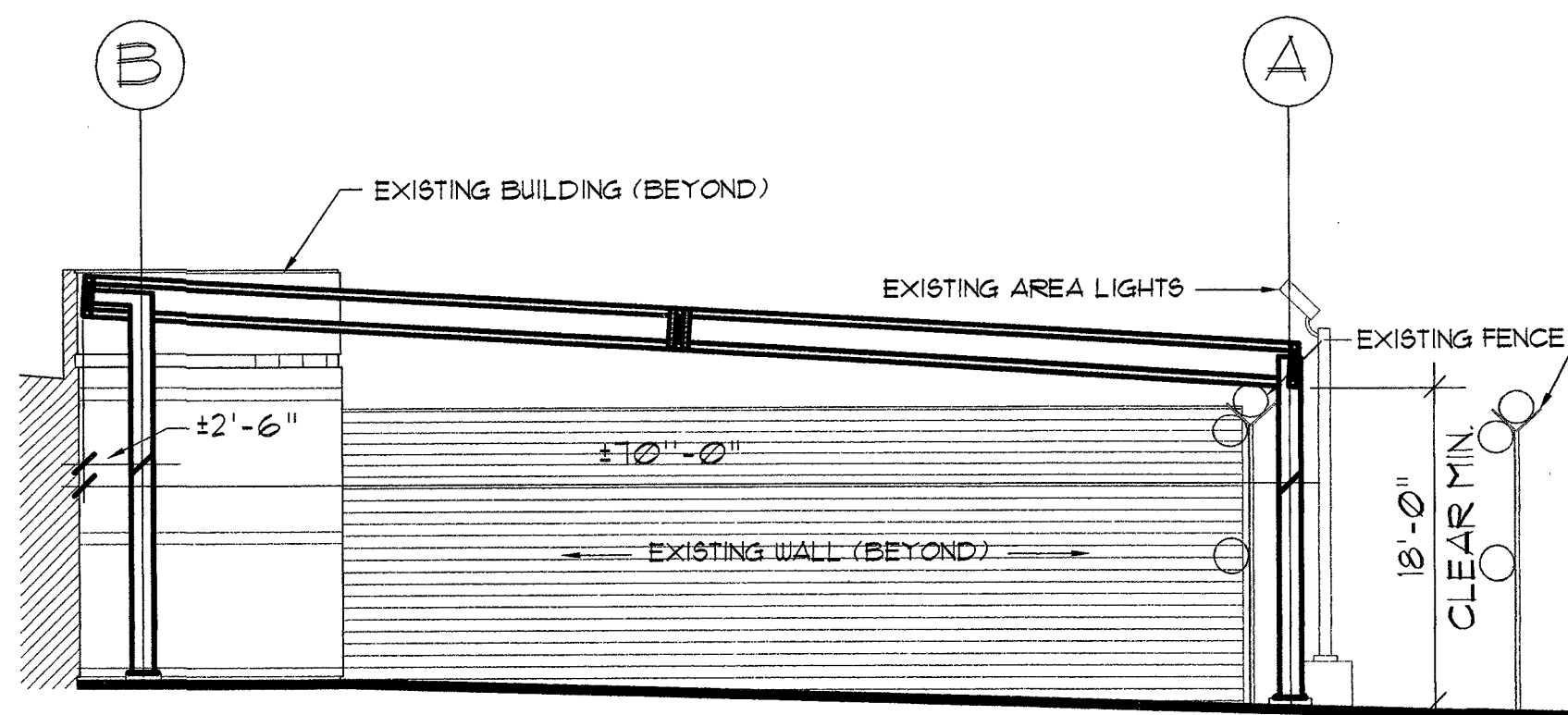
METAL FABRIC "PHANTOM MESH" (OR EQUAL) INTERLOCKING 3/8"-1" DIA. COILS OF ALUMINIZED 18 GAGE MIN. STEEL, MANUFACTURED TO THE SIZE OF OPENINGS BETWEEN TRUSSES (NO SPLICES). SUBMIT TRUSS DATA ON PROPOSED PRODUCT TO OWNER FOR REVIEW BEFORE ORDERING.
PHANTOM MESH: CONTACT CY LYLE 800-354-0330



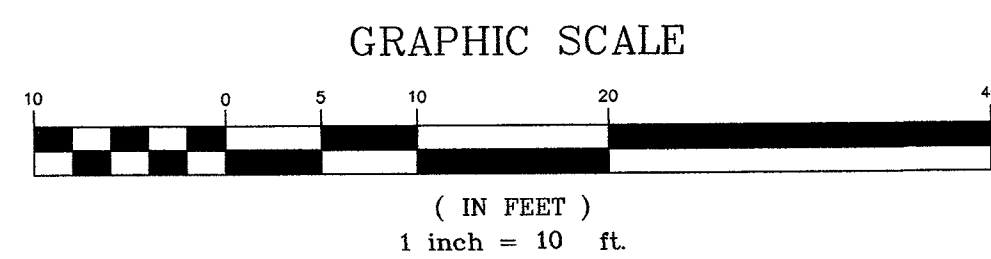
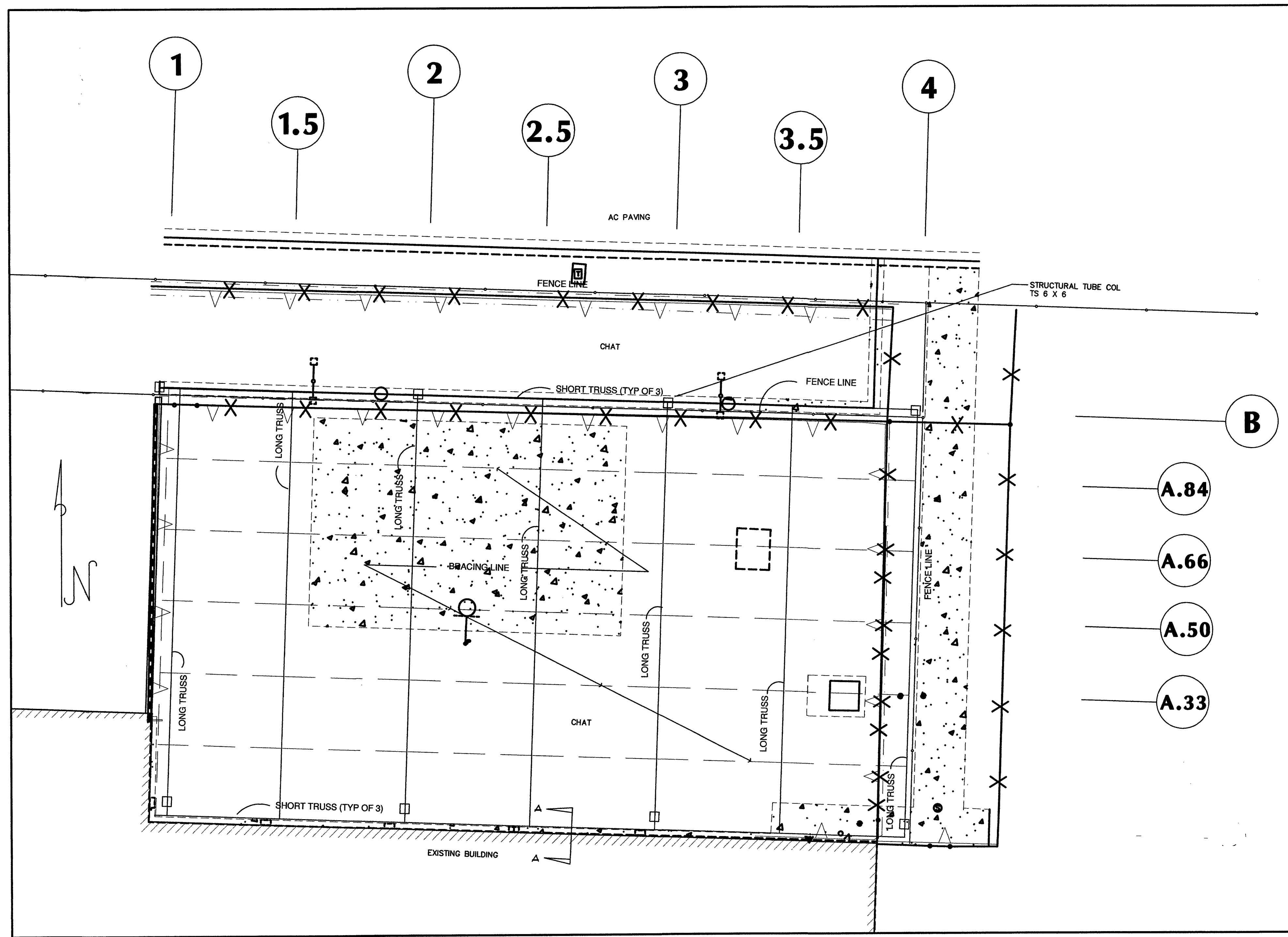
STEEL RINGS SHAP WELDED TO TRUSS AT 48" O.C. MAX. AND WITHIN 12" OF EA. END OF EA. CONNECTING ROD.
STEEL CONNECTING RODS CONTINUOUS THRU STEEL RINGS AND FABRIC COILS. ROD LENGTHS TO BE AS LONG AS PRACTICABLE MINIMUM ROD DIA. OF 1/2". SECURE TO TRUSS WITHIN 6" OF EA. END OF EA. ROD WITH VANDAL RESISTANT CONNECTORS INSTALLED FROM BELOW.

METAL FABRIC BETWEEN TOP TRUSS MEMBERS. DRAW TO REDUCE BAG IN FABRIC TO 2" MAXIMUM. SECURE FABRIC W/ CONNECTING WITH RODS CONT. THRU RINGS AND FABRIC AS SHOWN.

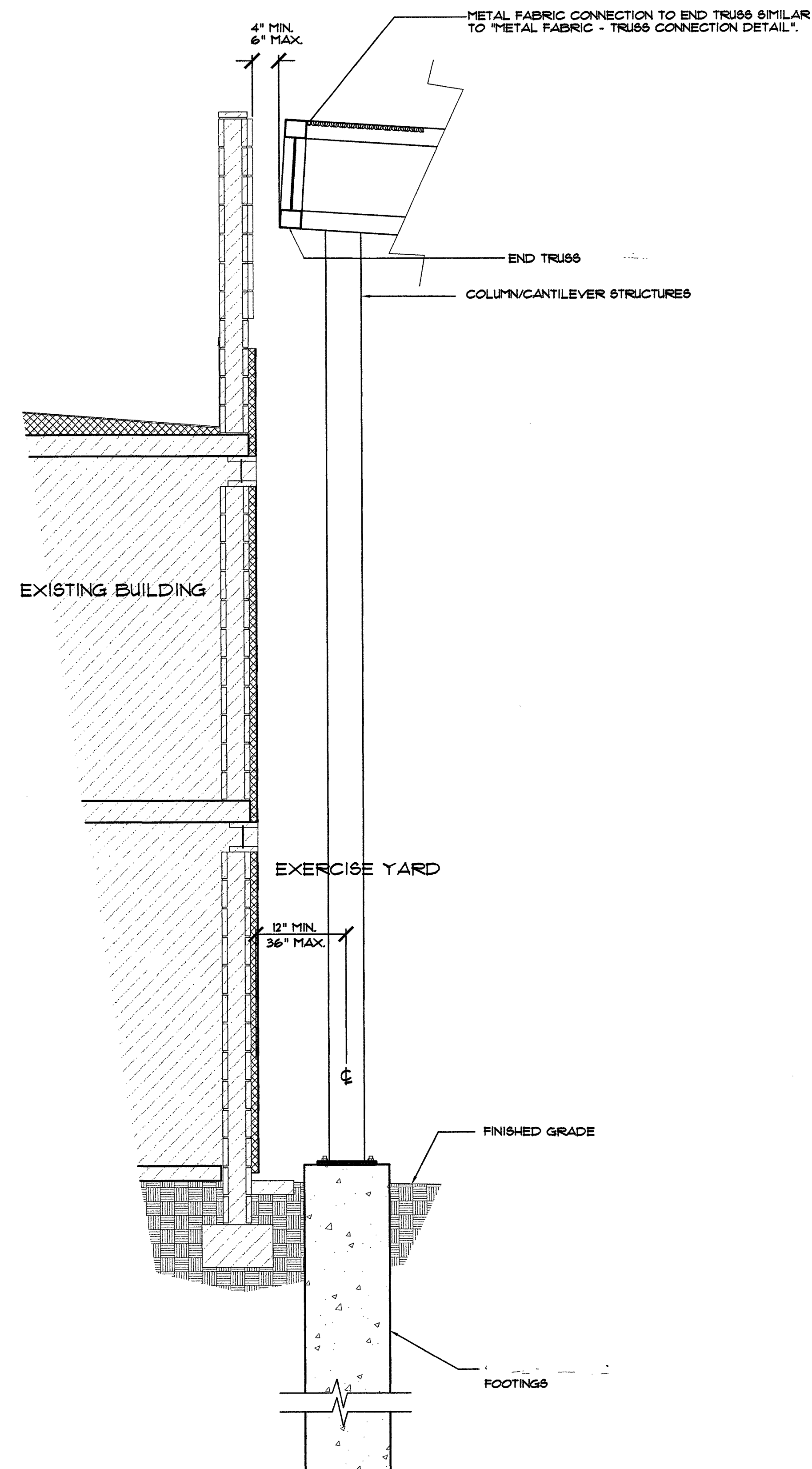
METAL FABRIC - TRUSS CONNECTION DETAIL
NOT TO SCALE TYPICAL ALL 4 SIDES OF FABRIC




TYPICAL FRAME ELEVATION
NOT TO SCALE

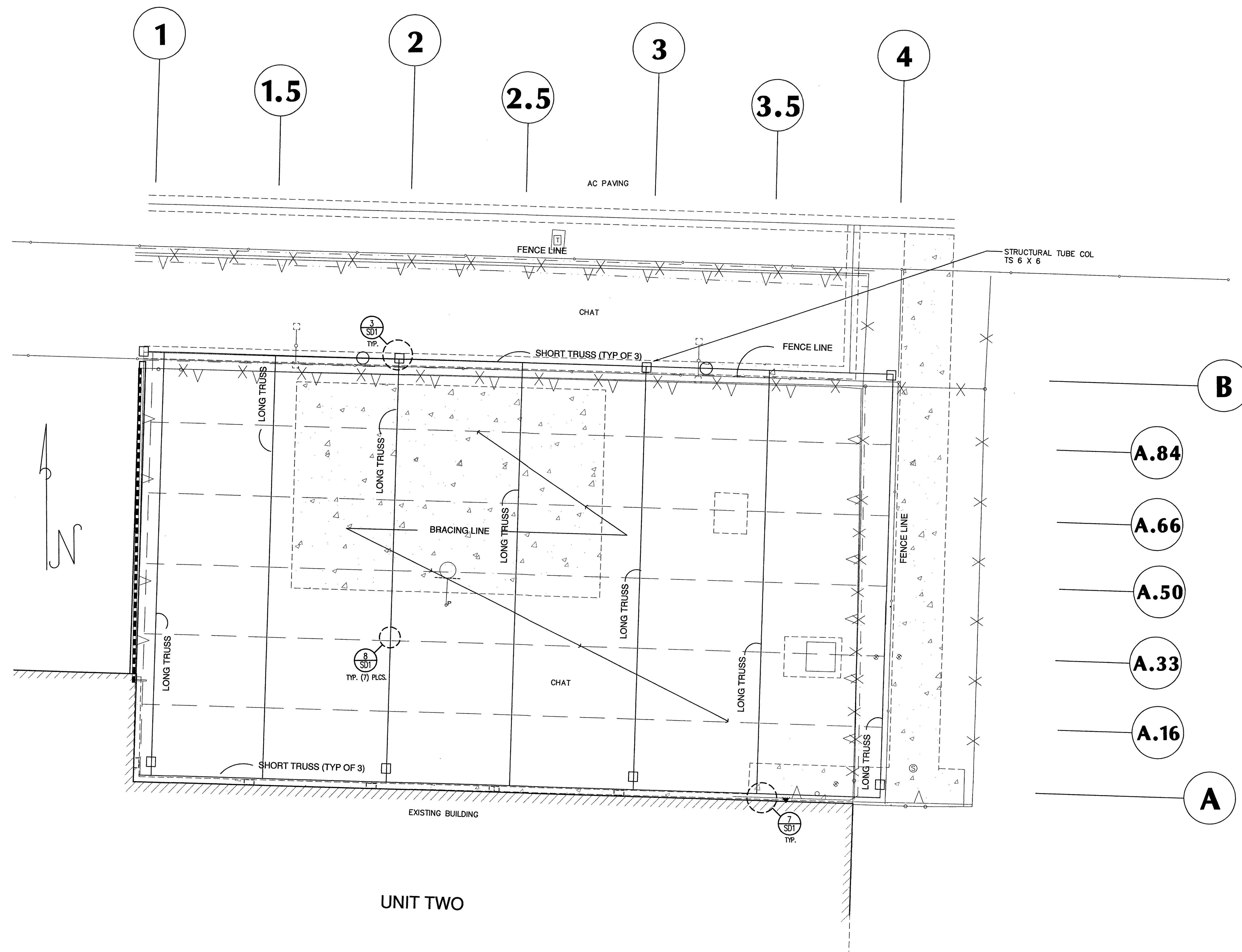


YARD COVER PLAN
Scale: 1" = 10'-0"



SECTION A-A
Scale: 1/2" = 1'-0"

REVISIONS	
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DETENTION FACILITY UNIT 2 EXERCISE YARD COVER NEW STRUCTURE PLAN, ELEVATION SECTIONS AND DETAIL	
STAMP	
OWNER: CITY OF LAS VEGAS DEPARTMENT OF PUBLIC WORKS ARCHITECTURAL SERVICES	
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SHT NO	02



FRAMING PLAN

1/8" = 1'-0"

Mon Apr 05 12:30:17 2004

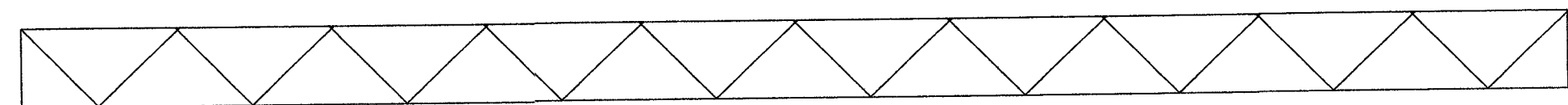
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 2595 SOUTH CARRON ROAD SUITE 100
 LAS VEGAS, NEVADA 89117
 TELEPHONE: (702) 942-4300 FAX: (702) 942-4301

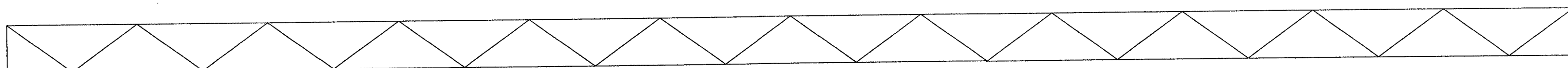
DEPARTMENT OF PUBLIC WORKS DETENTION FACILITY
UNIT 2 EXERCISE YARD COVER
 LAS VEGAS, NEVADA

SHEET TITLE:
 FOUNDATION AND FRAMING PLANS
 PROJ. NO.:
 DRAWN BY: MCK
 CHECKED BY: DCH
 DATE: 04-05-04

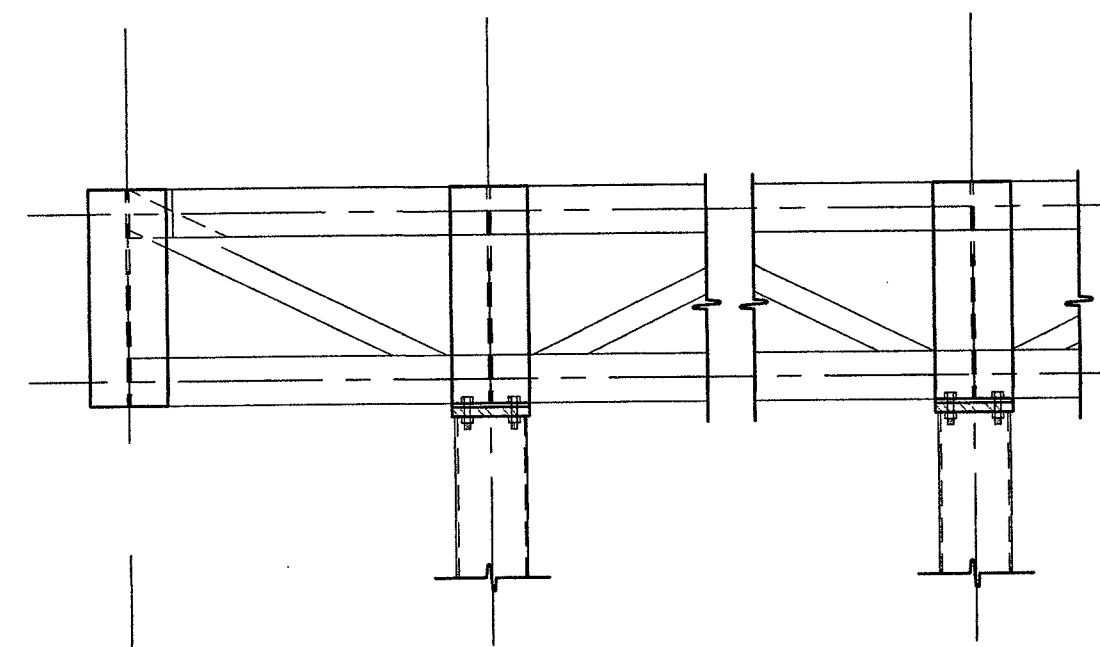
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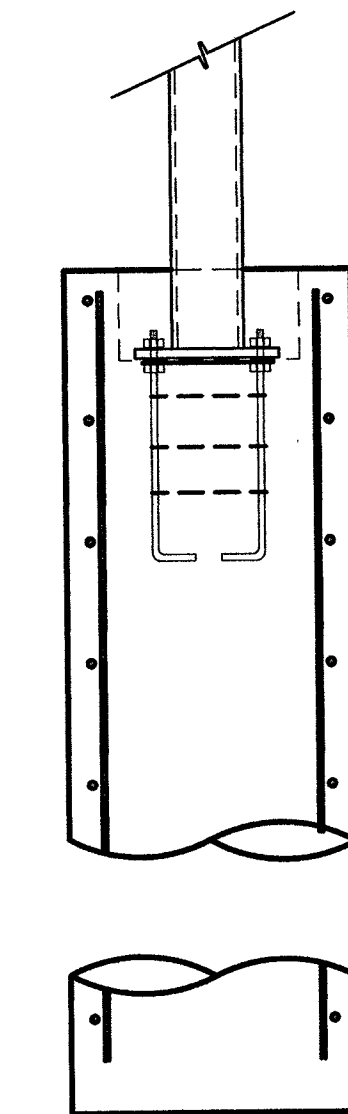
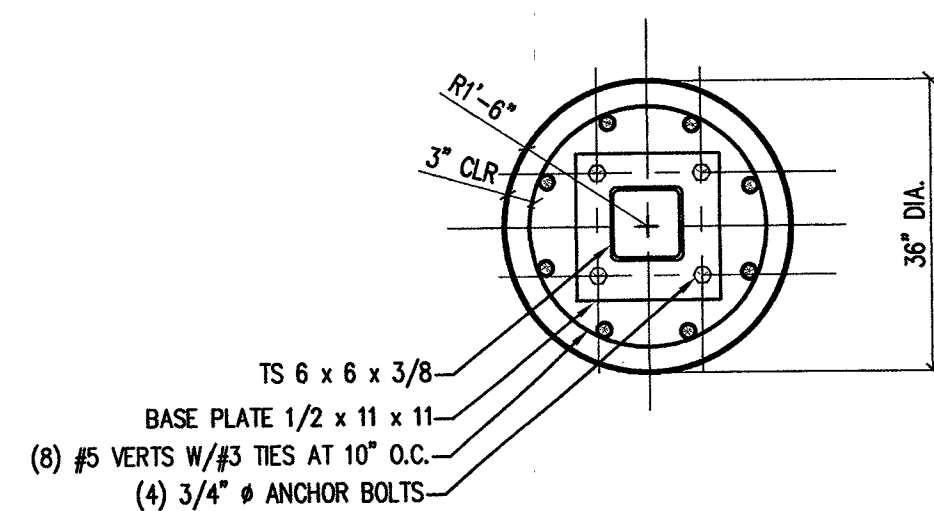
SHORT TRUSS 40-10



LONG TRUSS 68-12



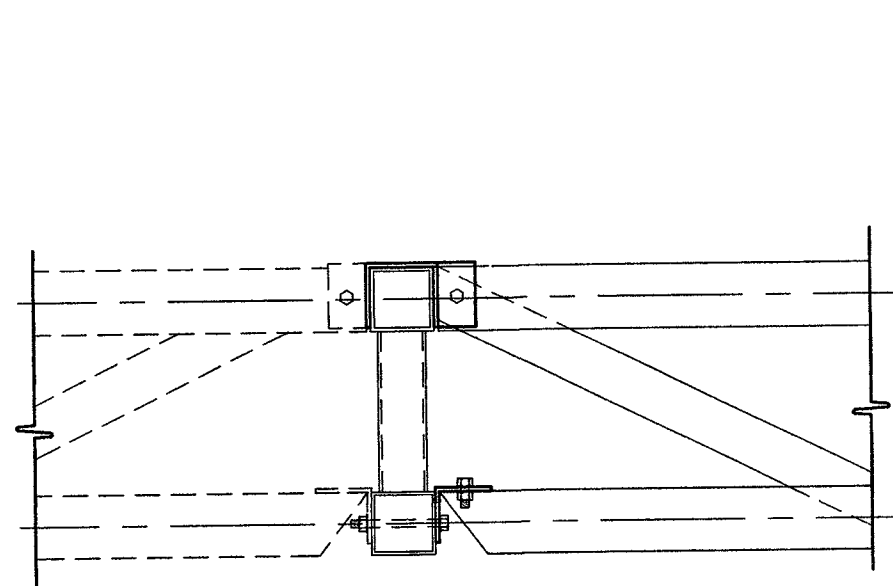
4 CANTILEVERED TRUSS CONNECTION
SCALE: 3/4" = 1'-0"



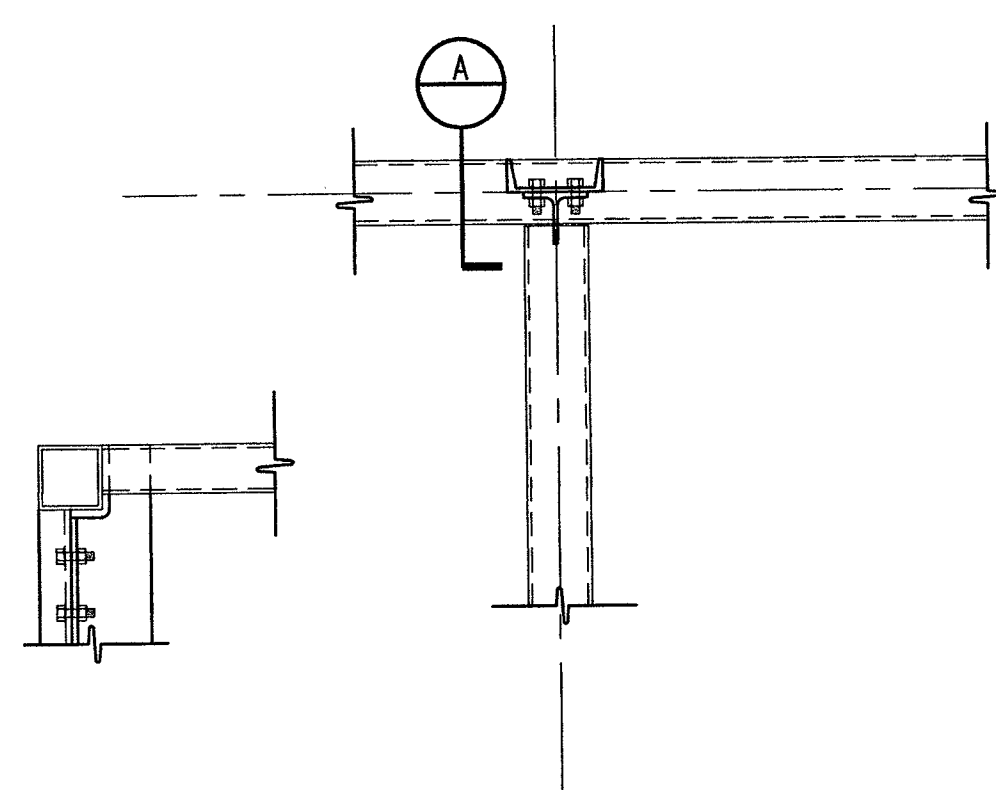
9 TRUSS PROFILES
SCALE: 1/4" = 1'-0"

5 METAL FABRIC TO TRUSS CONNECTION
SCALE: 1 1/2" = 1'-0"

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

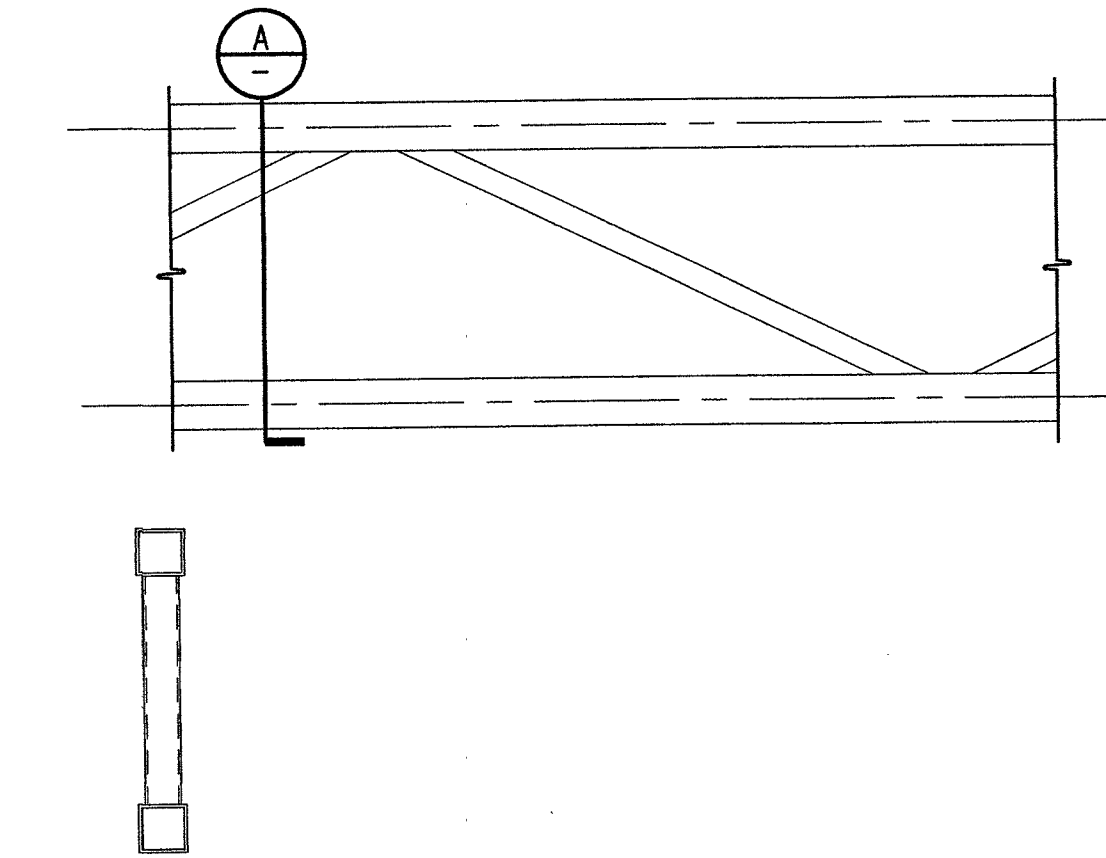


8 INTERMEDIATE BEAM CONNECTION
SCALE: 1" = 1'-0"
(NOTE: BRACING CONNECTION SIMILAR)

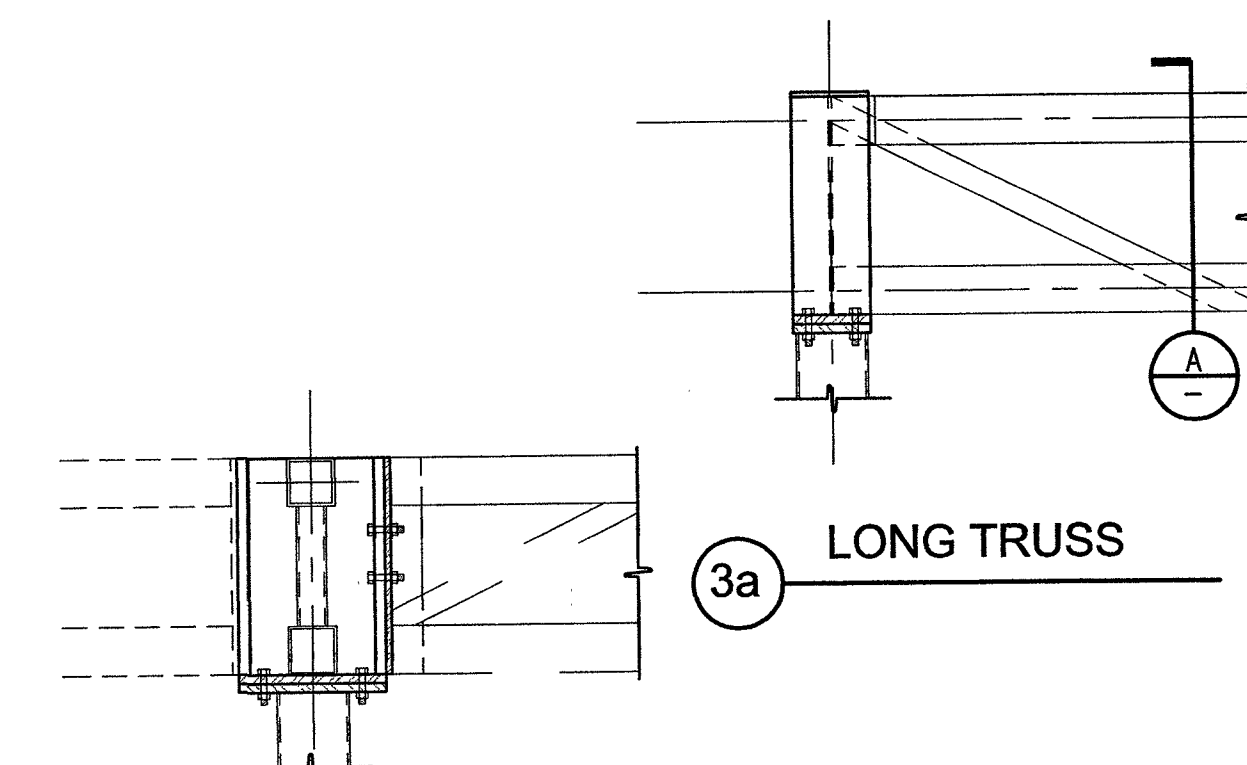


7 LONG TRUSS AT SHORT TRUSS
SCALE: 1" = 1'-0"

6 FOOTING SCHEDULE
SCALE: NONE



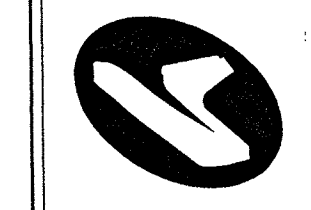
2 TYPICAL ROOF TRUSS
SCALE: 3/4" = 1'-0"



3 TRUSS CONNECTION
SCALE: 3/4" = 1'-0"

REV	DATE	DESCRIPTION
1		

HUNT ENGINEERING, INC.
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SD1