

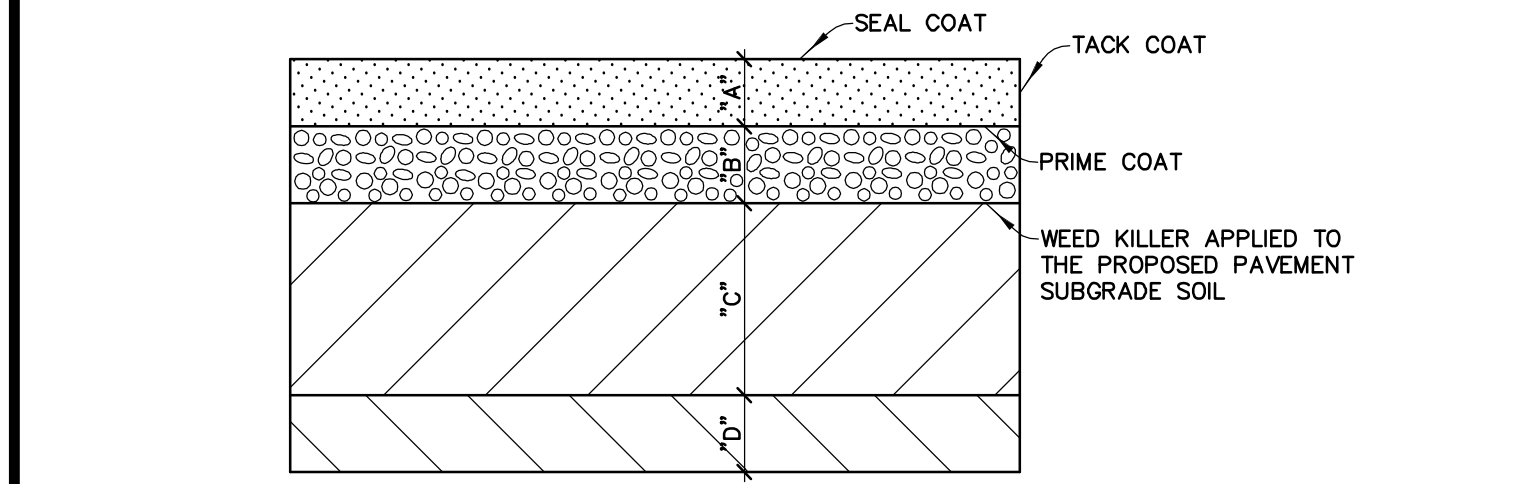
EL MONTE UNION HIGH SCHOOL DISTRICT
 ROSEMead HIGH SCHOOL GROWTH PROJECTS
 9063 EAST MISSION DRIVE
 ROSEMead, CALIFORNIA 91770

GENERAL NOTES

- ALL EXISTING UTILITIES, IRRIGATION, AND STORM DRAIN PIPING SHOWN OR NOT SHOWN HEREON SHALL BE PROTECTED IN PLACE IN ORDER TO PROVIDE SERVICE TO THE EXISTING BUILDINGS TO REMAIN AS REQUIRED.
- THE CONTRACTOR SHALL PROVIDE FOR PROTECTION OF EXISTING UTILITY, IRRIGATION AND STORM DRAIN PIPE FACILITIES AND FOR INSTALLATION OF TEMPORARY UTILITY FACILITIES, AT ALL TIMES INCLUDING THE PERIODS OF OVERLAP AND RECOMPACTION OF LOOSE SOIL UNDER ANY NEW HARDCAPE SITE IMPROVEMENTS.
- CONTRACTOR TO VERIFY THE LOCATION OF ALL FOUND UNDERGROUND UTILITIES, IRRIGATION AND STORM DRAIN PIPING WITH THE REQUIREMENT OF UPDATING THE AS-BUILTS TO ACCURATELY REFLECT THE LOCATION OF ALL UNDERGROUND UTILITIES.
- IF CONTAMINATED SOIL IS FOUND, IT SHALL BE REMEDIATED AND DISPOSED OFFSITE AT AN OWNER APPROVED DISPOSAL SITE UNDER THE DIRECTION OF THE SCHOOL DISTRICT CONSTRUCTION MANAGER WITH THE COST BORNE BY THE SCHOOL DISTRICT.
- PRIVATE ENGINEER'S NOTICE TO CONTRACTOR: THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY, IRRIGATION AND STORM DRAIN PIPES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THIS DRAWING.
- DEMOLITION LIMITS SHOWN HEREON ARE THE MINIMUM REQUIRED IN ORDER TO CONSTRUCT THE NEW SITE IMPROVEMENTS AND GRADES. CONTRACTOR TO EXPAND LIMITS AS REQUIRED TO INCLUDE A STAGING AREA AND ADDITIONAL ROOM TO CONSTRUCT THE NEW SITE IMPROVEMENTS. CONTRACTOR TO RESTORE ALL DISTURBED GRASS, LANDSCAPING AND SITE IMPROVEMENTS OUTSIDE OF THE DEMOLITION LIMITS SHOWN HEREON TO A CONDITION EQUAL TO OR BETTER THAN EXISTING PRIOR TO THE START OF WORK.
- THE HOURS OF ONSITE DEMOLITION SHALL BE LIMITED TO BETWEEN 7:00 AM TO 6:00 PM MONDAY THROUGH SATURDAY, EXCLUDING FEDERAL HOLIDAYS TO BE VERIFIED WITH THE SCHOOL DISTRICT CONSTRUCTION MANAGER REQUIREMENTS.
- ALL DEMOLITION WORK SHALL BE IN ACCORDANCE WITH THE ORDINANCES, REGULATIONS AND APPLICABLE CODES OF THE CITY AND WITH THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
- ANY CONTRACTOR PERFORMING WORK ON THIS PROJECT SHALL FAMILIARIZE HIMSELF WITH THE SITE AND SHALL BE SOLELY RESPONSIBLE FOR ANY DAMAGE TO EXISTING IMPROVEMENTS (WHICH ARE TO REMAIN IN PLACE) RESULTING DIRECTLY OR INDIRECTLY FROM HIS OPERATIONS, WHETHER OR NOT THOSE EXISTING IMPROVEMENTS ARE SHOWN ON THIS PLAN.
- DUST SHALL BE CONTROLLED BY WATERING.
- PRIOR TO COMMENCING ANY DEMOLITION WORK, THE CONTRACTOR SHALL OBTAIN A FIRE HYDRANT WATER METER FROM THE PUBLIC WATER COMPANY AND THE METER SHALL BE USED AT ALL TIMES WHEN WATER IS BEING OBTAINED FROM A PUBLIC FIRE HYDRANT.
- THE LOCATION AND PROTECTION OF ALL UTILITIES, IRRIGATION, AND STORM DRAIN PIPE OF EVERY NATURE, WHETHER OR NOT THEY ARE SHOWN ON THESE DRAWINGS, ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR WILL BEAR THE TOTAL EXPENSE OF REPAIR OR REPLACEMENT OF ALL UTILITIES, IRRIGATION, AND STORM DRAIN PIPE THAT HAVE BEEN DAMAGED OR DESTROYED DURING DEMOLITION AND NEW CONSTRUCTION.
- ALL ONSITE IMPROVEMENTS WHICH ARE TO BE REMOVED OFFSITE SHALL BE PROPERLY HANDLED AND DISPOSED OF IN COMPLIANCE WITH EXISTING CITY, COUNTY, STATE AND FEDERAL GUIDELINES AND REGULATIONS.
- EXISTING CITY STREETS SHALL BE KEPT CLEAN OF ALL MATERIALS RESULTING FROM THE DEMOLITION OPERATIONS. THE STREET RIGHT OF WAY SHALL BE CLEANED UP DAILY, AS NECESSARY, TO MAINTAIN SAFE PEDESTRIAN AND VEHICULAR PASSAGE AT ALL TIMES.
- CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF DUST, DIRT, AND DEBRIS CAUSED BY DEMOLITION OPERATIONS, AS DIRECTED BY THE OWNER'S CONSTRUCTION MANAGER. RETURN ADJACENT AREAS TO THE CONDITION EXISTING PRIOR TO START OF WORK.
- THE CONTRACTOR IS RESPONSIBLE FOR THE SAFETY OF THE WORK SITE AND SHALL INCLUDE ALL PROTECTIVE MEASURES INCLUDING BUT NOT LIMITED TO THE INSTALLATION OF TEMPORARY FENCING.
- NOTE INTENTIONALLY DELETED.
- THE CONTRACTOR SHALL MAINTAIN EXISTING PAVEMENT DRAINAGE PATTERNS AWAY FROM THE BUILDINGS WITHOUT ANY PONDING OF WATER. AT THE COMPLETION OF PAVING, THE CONTRACTOR SHALL CONDUCT A WATER FLOW TEST IN THE PRESENCE OF THE OWNER'S CONSTRUCTION MANAGER AND SHALL MAINTAIN AREAS OF PONDING WATER TO THE SATISFACTION OF THE CONSTRUCTION MANAGER.
- THE NEW PAVEMENT SLOPE SHALL NOT EXCEED 2 PERCENT IN EITHER DIRECTION WITH THE EXCEPTION THAT THE ACCESSIBILITY PATH OF TRAVEL LONGITUDINAL SLOPE SHALL NOT EXCEED 5 PERCENT WITHOUT PRIOR APPROVAL OF THE DESIGN CIVIL ENGINEER.
- NOTE INTENTIONALLY DELETED.
- CONTRACTOR SHALL MAINTAIN ALL ROOF DRAIN, DOWNSPOUT, OR UNDERSIDEWALK DRAIN OUTLETS IN PLACE SO THAT EXISTING DRAINAGE WILL NOT BE DISRUPTED.

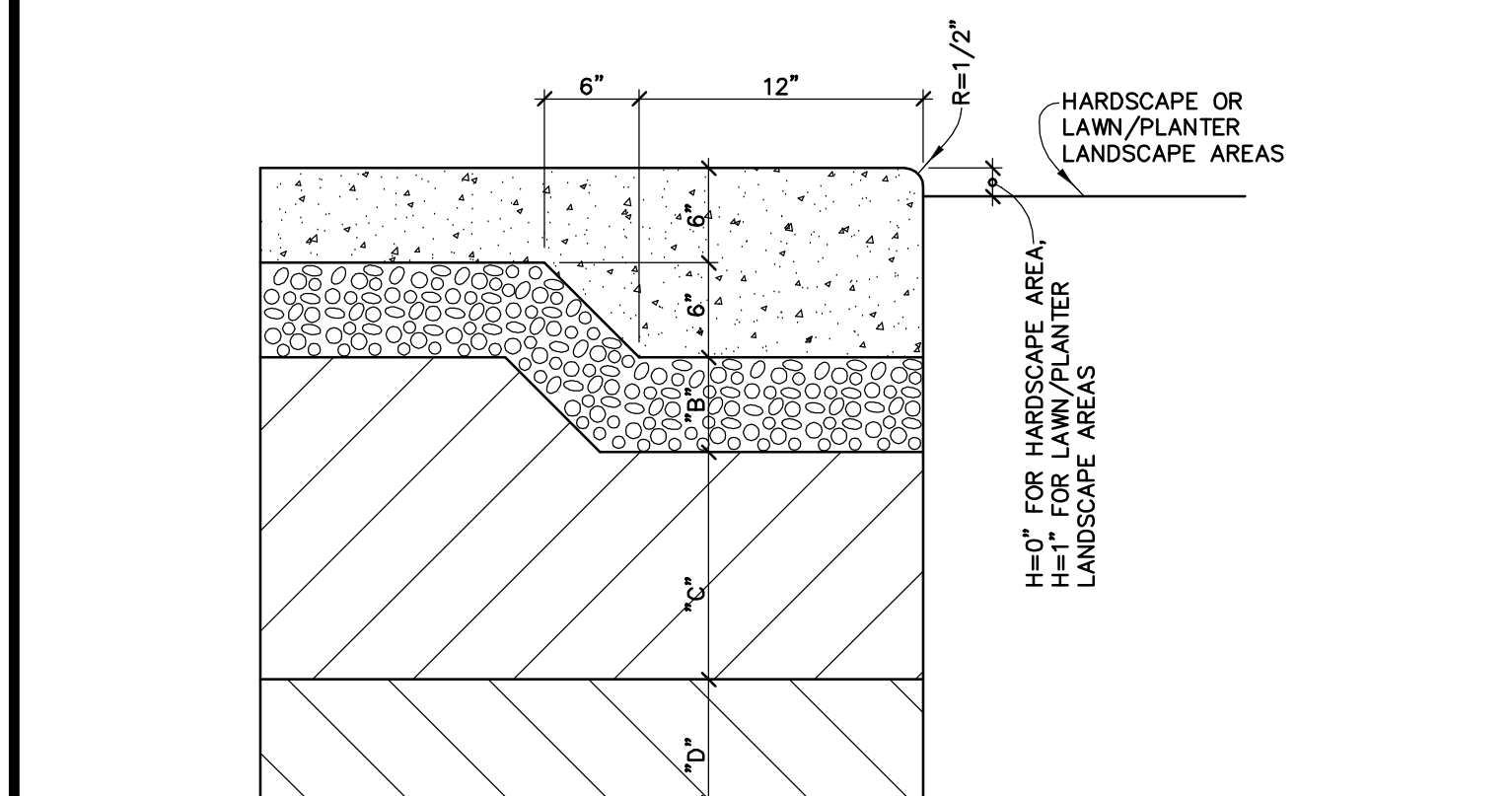
LEGEND

- T.C. TOP OF CONCRETE CURB
- F.S. FINISHED CONCRETE SURFACE
- A.C. ASPHALTIC CEMENT PAVEMENT
- F.L. FLOW LINE
- F.G. FINISHED GRADE OF DIRT
- F.F. FINISHED FLOOR OF BUILDING
- B.S. BACK OF SIDEWALK
- E.G. EDGE OF GUTTER
- E.P. EDGE OF A.C. PAVEMENT
- G.B. GRADE BREAK
- H.P. HIGH POINT
- T.B. TOP OF BERM
- INV. INVERT
- PL. PROPERTY LINE
- CL. CENTER LINE
- T.W. TOP OF WALL
- T.R.W. TOP OF RETAINING WALL
- T.F. TOP OF FOOTING
- TOG. TOP OF DRAIN BOX GRATE
- EDGE OF A.C. PAVEMENT
- CONCENTRATED FLOW LINE
- SHEET FLOW DRAINAGE
- T/HOWL. TOP OF HEADWALL
- (02.20) EXISTING ELEVATION
- (02)- EXISTING CONTOUR ELEVATION
- 02.20 PROPOSED ELEVATION
- 02- PROPOSED CONTOUR ELEVATION
- I.D. INSIDE DIAMETER
- O.D. OUTSIDE DIAMETER
- F- EXISTING PRIVATE FIRE WATER LINE
- G- EXISTING GAS MAIN
- W- EXISTING WATER MAIN
- S- EXISTING SANITARY SEWER
- E- EXISTING UNDERGROUND ELECTRICAL CONDUIT
- T- EXISTING UNDERGROUND TELEPHONE CONDUIT
- SD- EXISTING STORM DRAIN
- CTV- EXISTING UNDERGROUND CABLE TELEVISION CONDUIT
- TSC- EXISTING TRAFFIC SIGNAL CONDUIT
- COMM- EXISTING PRIVATE COMMUNICATION LINE
- W.V. WATER VALVE
- W.M. WATER METER
- F.H. FIRE HYDRANT
- G.M. GAS METER
- S.M.H. SANITARY SEWER MANHOLE
- P.P. POWER POLE
- S.L. STREET LIGHT
- C.O. CLEANOUT
- L.P. LIGHT POLE
- S.D.M.H. STORM DRAIN MANHOLE
- R.C.P. REINFORCED CONCRETE PIPE
- C.L.F. CHAIN LINK FENCE
- I.C.V. IRRIGATION CONTROL VALVE
- I.C.B. IRRIGATION CONTROL BOX
- G.P. GUARD POST
- W.I.F. WROUGHT IRON FENCE
- R.O.H. BUILDING ROOF OVERHANG
- T.S.P. TRAFFIC SIGNAL POLE
- P.B. PULL BOX
- P.A. LANDSCAPED PLANTER AREA
- T.F.B. TELEPHONE PULL BOX
- T.M.H. TELEPHONE MANHOLE
- E.P.B. ELECTRIC PULL BOX
- T.S.C. TRAFFIC SIGNAL CONDUIT
- S.L.C. STREET LIGHT CONDUIT
- T.S.P.B. TRAFFIC SIGNAL PULL BOX
- T.S. PED. TRAFFIC SIGNAL PEDESTAL
- B.F.D. BACKFLOW PREVENTION DEVICE
- T.E. TRASH ENCLOSURE
- P.M. ELECTRIC PAD MOUNT TRANSFORMER
- C.B. CATCH BASIN
- R.D. ROOF DRAIN
- DS. DOWNSPOUT
- L. LANDING
- PSD. PERFORATED STORM DRAIN
- D.F. DRINKING FOUNTAIN
- P.I.V. POST INDICATOR VALVE
- FDC. FIRE DEPARTMENT CONNECTION
- DDCA. DOUBLE DETECTOR CHECK ASSEMBLY
- POC. POINT OF CONNECTION
- RCP. SD. REINFORCED CONCRETE PIPE STORM DRAIN
- TB. CONCRETE THRUST BLOCK
- REC. W. RECORD WATER LINE - VERIFY IN THE FIELD
- AB. AGGREGATE BASE
- [] RECORD ELEVATION



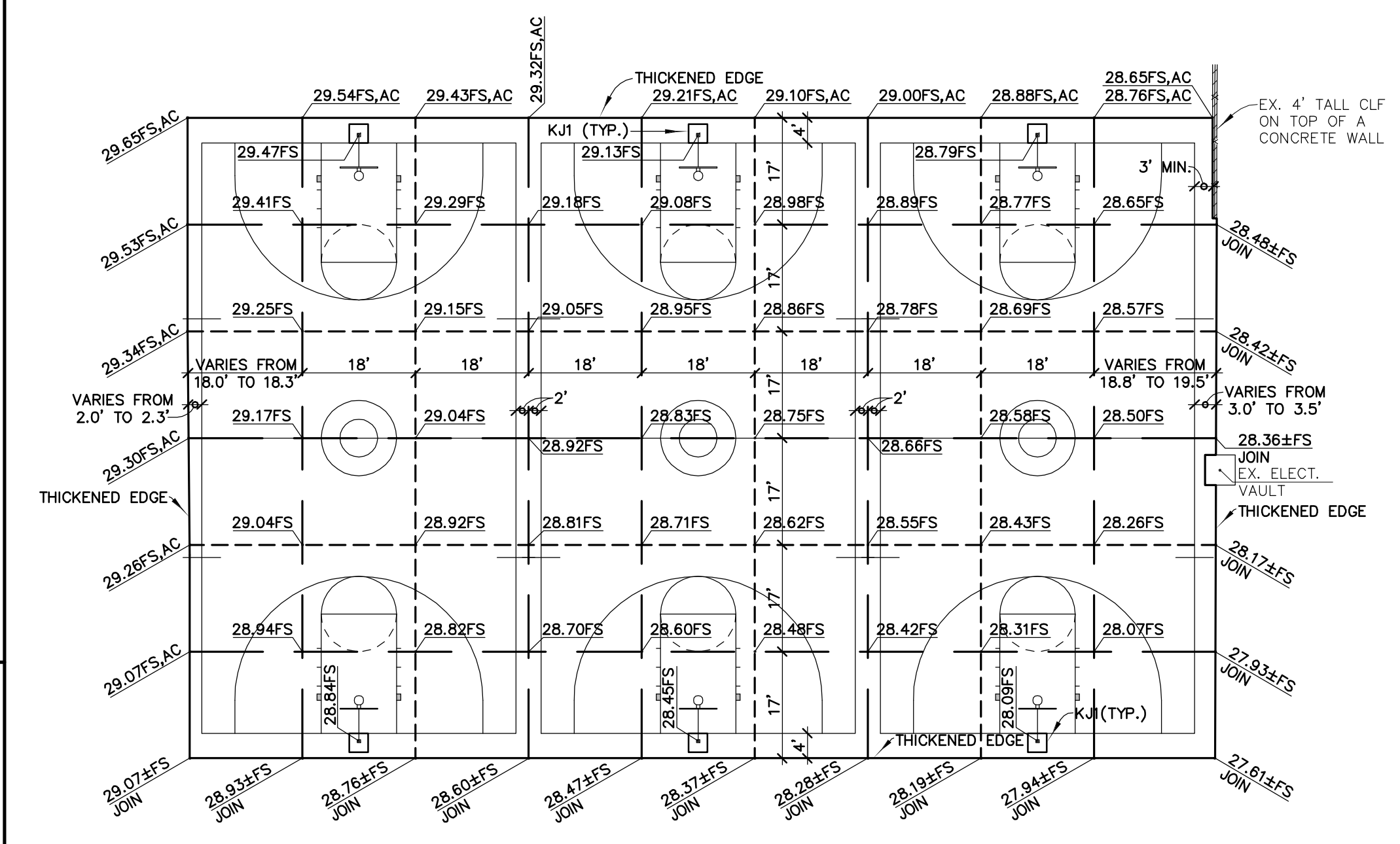
"A" = 4" MINIMUM THICK ASPHALT CONCRETE PAVEMENT.
 "B" = 6" MINIMUM THICK CRUSHED MISCELLANEOUS BASE (CMB).
 "C" = 6" MINIMUM THICK EXISTING SOILS TO BE REMOVED AND RECOMPACTED TO AT LEAST 90% OF ITS MAXIMUM DENSITY AT OR NEAR ITS OPTIMUM MOISTURE CONTENT IN APPROXIMATE 6" THICK LIFTS. COMPACTION TESTING SHALL BE PERFORMED BY AN OWNER PROVIDED SOILS ENGINEER IMMEDIATELY PRIOR TO PLACING THE OVERLAYING BASE COURSE.
 "D" = 6" THICK EXISTING SOILS TO BE SCARIFIED, WATERED OR AERATED AS REQUIRED, THOROUGHLY MIXED TO A UNIFORM NEAR OPTIMUM MOISTURE CONTENT, AND RECOMPACTED TO AT LEAST 90% OF ITS MAXIMUM DENSITY. COMPACTION TESTING SHALL BE PERFORMED BY AN OWNER PROVIDED SOILS ENGINEER.

DETAIL 'A' 1
 PROPOSED ASPHALT CONCRETE PAVEMENT SECTION
 NOT TO SCALE

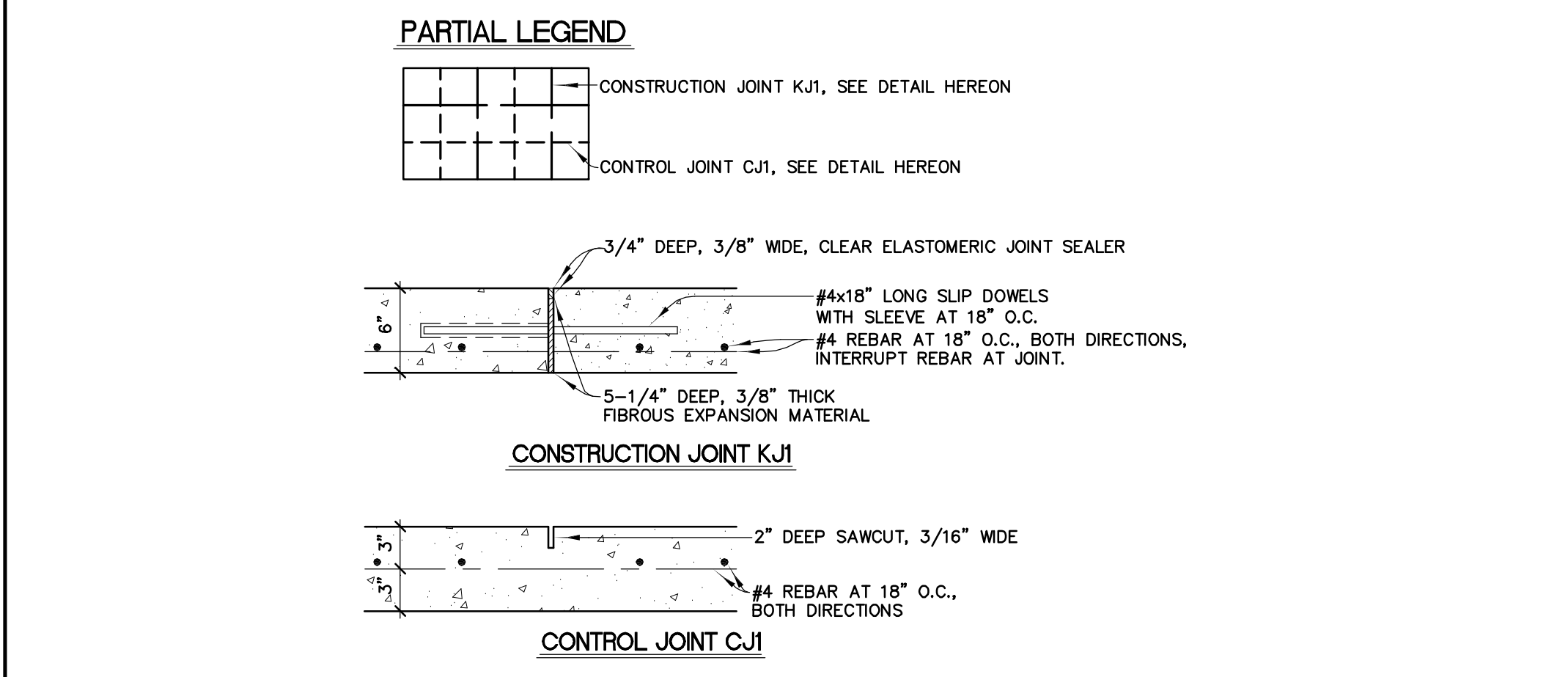


NOTES:
 1. CONCRETE SHALL BE 3,500 PSI AND SHALL NOT CONTAIN FIBER MESH. COLOR TO MATCH EXISTING ADJACENT CONCRETE.
 2. FULL DEPTH CONTROL JOINTS TO BE A MINIMUM 3/8" BITUMINOUS FELT, AND A CLEAR ELASTOMERIC SEALER ON TOP, AT INTERVALS SHOWN ON THE PLAN.
 3. WEAKENED PLANE CONTROL JOINTS SHALL BE 2" DEEP AND MAY BE SAWCUT AT INTERVALS SHOWN ON THE PLAN IN AN ALTERNATING PATTERN WITH THE FULL DEPTH JOINTS.
 4. THE SURFACE SHALL HAVE A MEDIUM BROOM FINISH.
 "B" = 6" MINIMUM THICK CRUSHED MISCELLANEOUS BASE (CMB).
 "C" = 6" MINIMUM THICK EXISTING SOILS TO BE REMOVED AND RECOMPACTED TO AT LEAST 90% OF ITS MAXIMUM DENSITY AT OR NEAR ITS OPTIMUM MOISTURE CONTENT IN APPROXIMATE 6" THICK LIFTS. COMPACTION TESTING SHALL BE PERFORMED BY AN OWNER PROVIDED SOILS ENGINEER IMMEDIATELY PRIOR TO PLACING THE OVERLAYING BASE COURSE.
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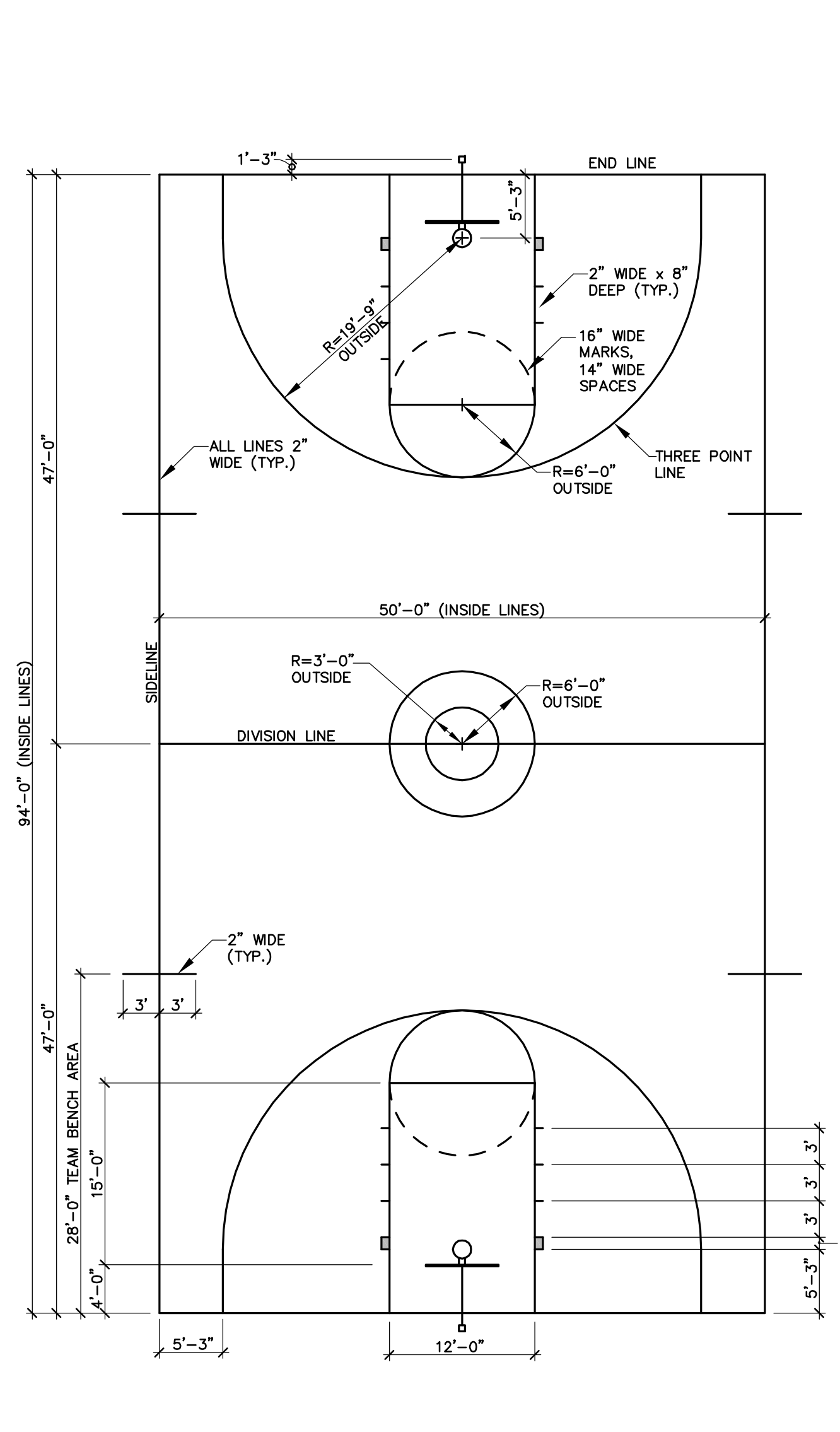
DETAIL 'B' 2
 CONCRETE PAVEMENT
 NOT TO SCALE



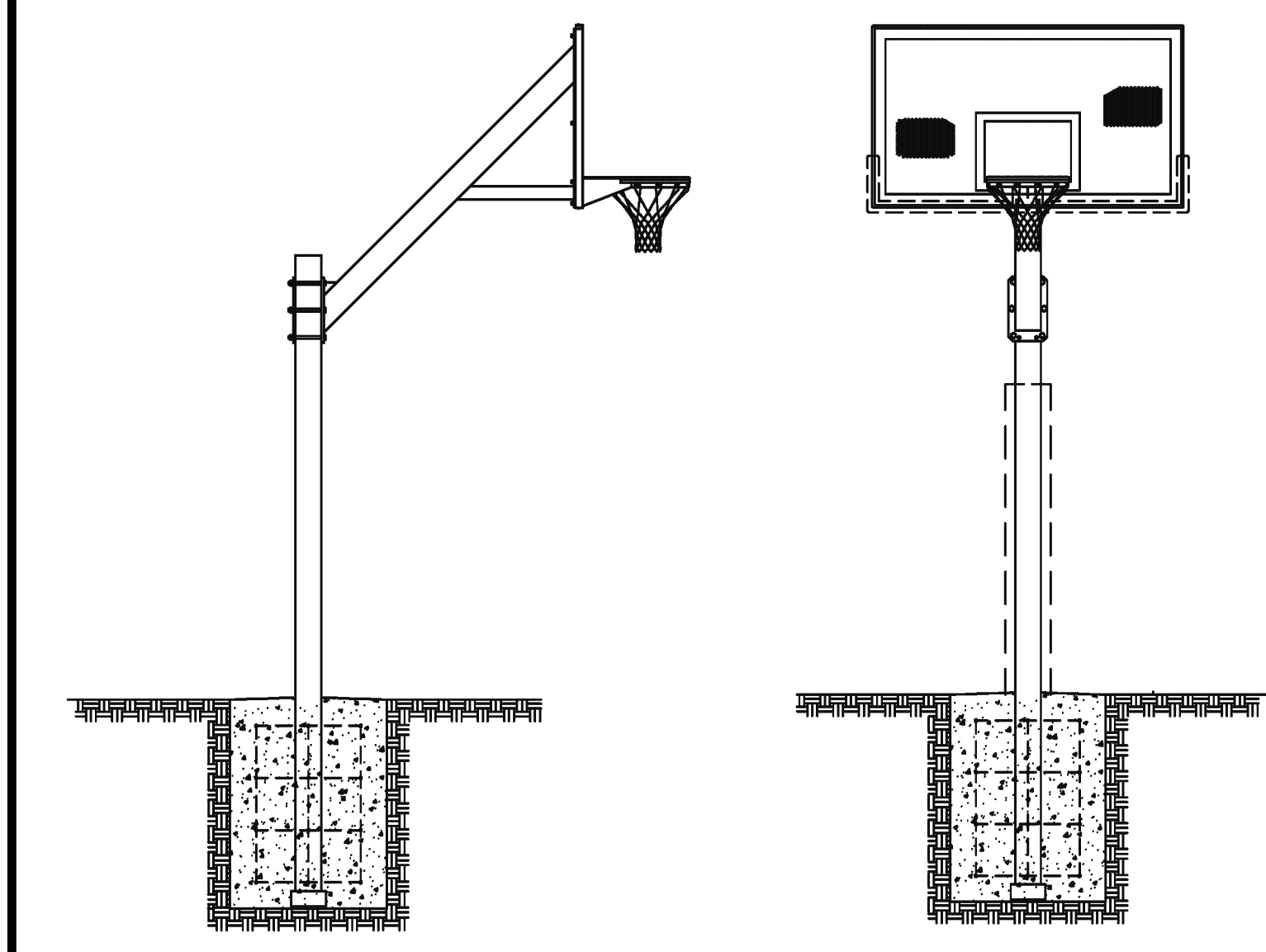
CONSTRUCTION AND CONTROL JOINT PLAN
 SCALE: 1"=20'



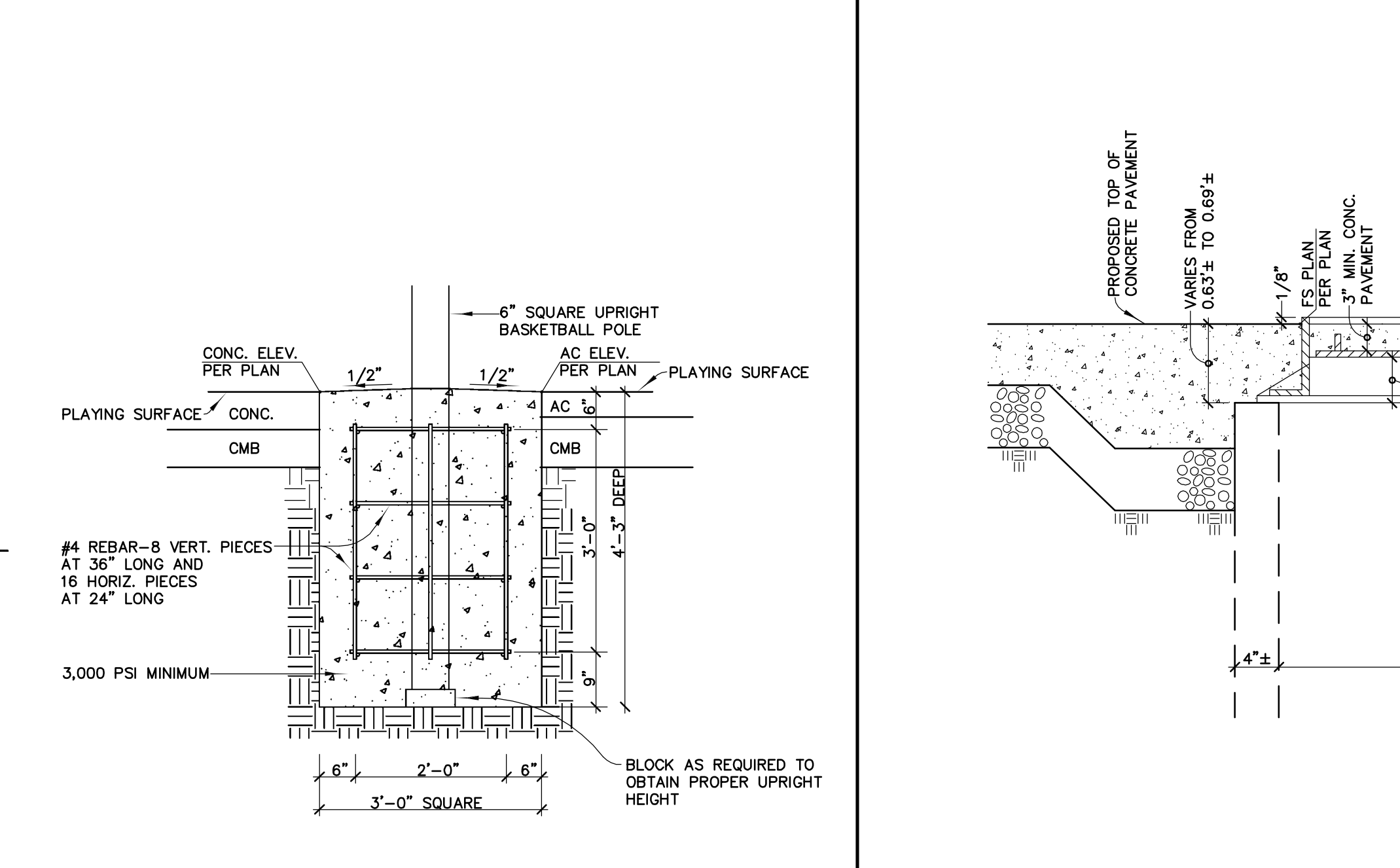
CONSTRUCTION JOINT K/J
 CONTROL JOINT C/J
 DETAIL 'E'



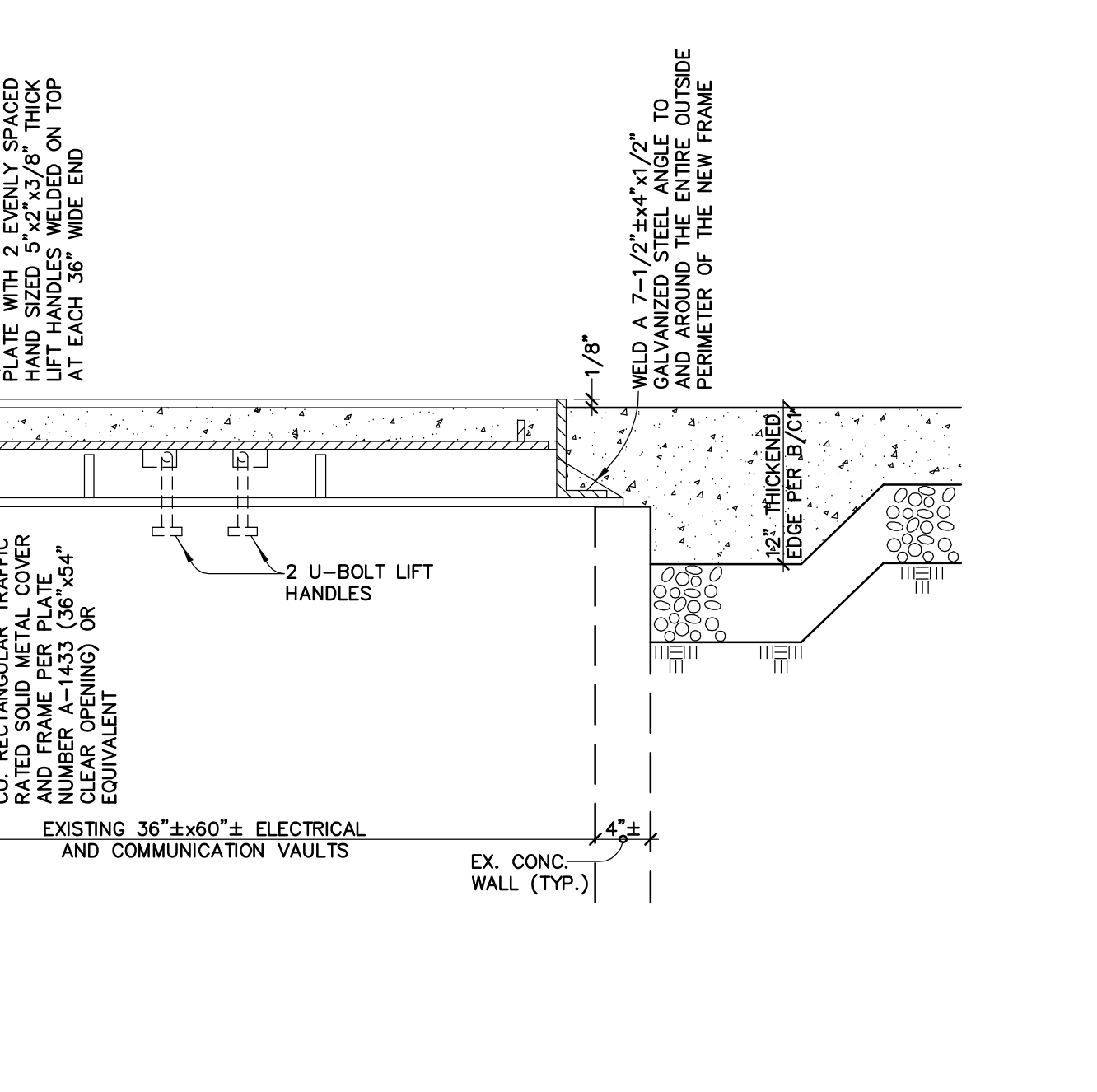
DETAIL 'D' 3/4
 NCAA BASKETBALL COURT OVERALL DIMENSIONS WITH HIGH SCHOOL BASKETBALL COURT STRIPING
 SCALE: 1"=10'



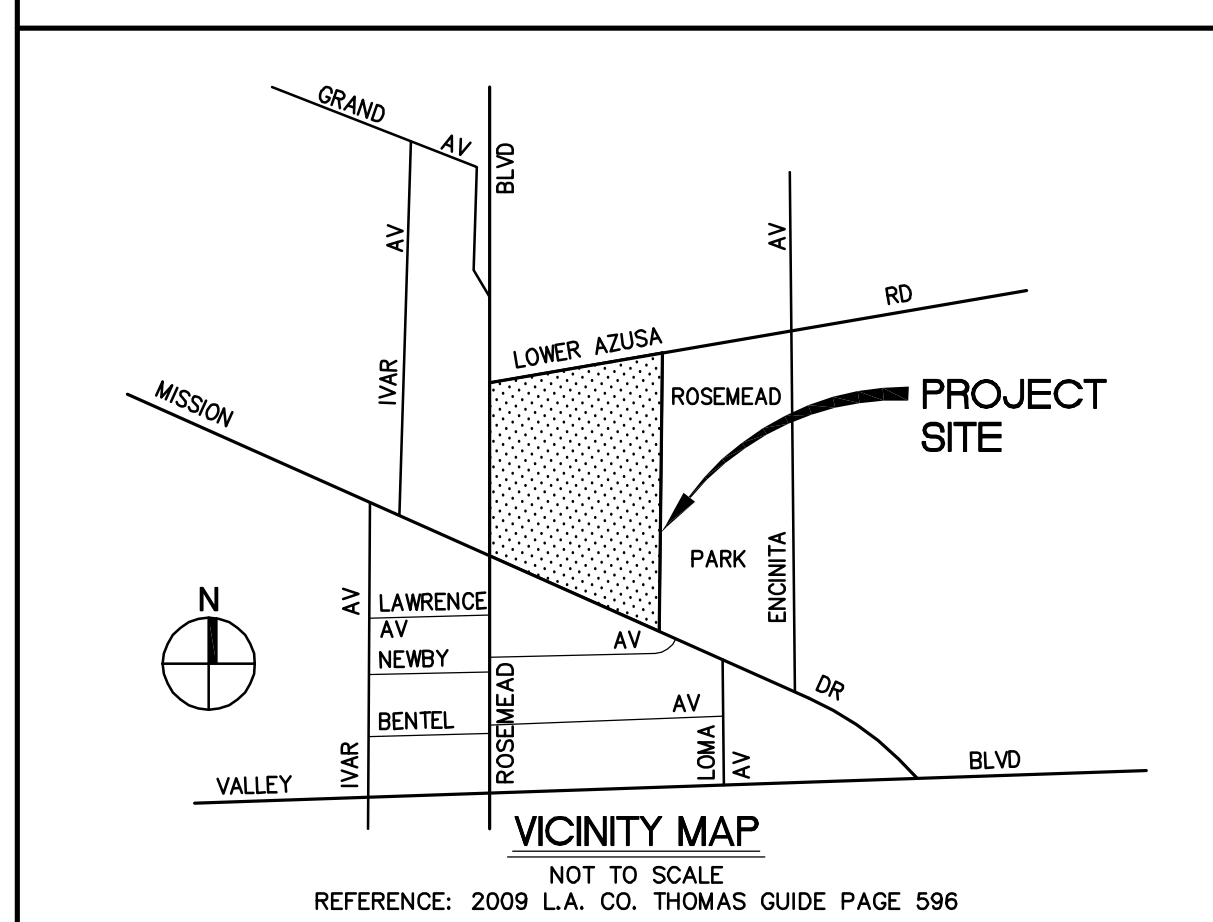
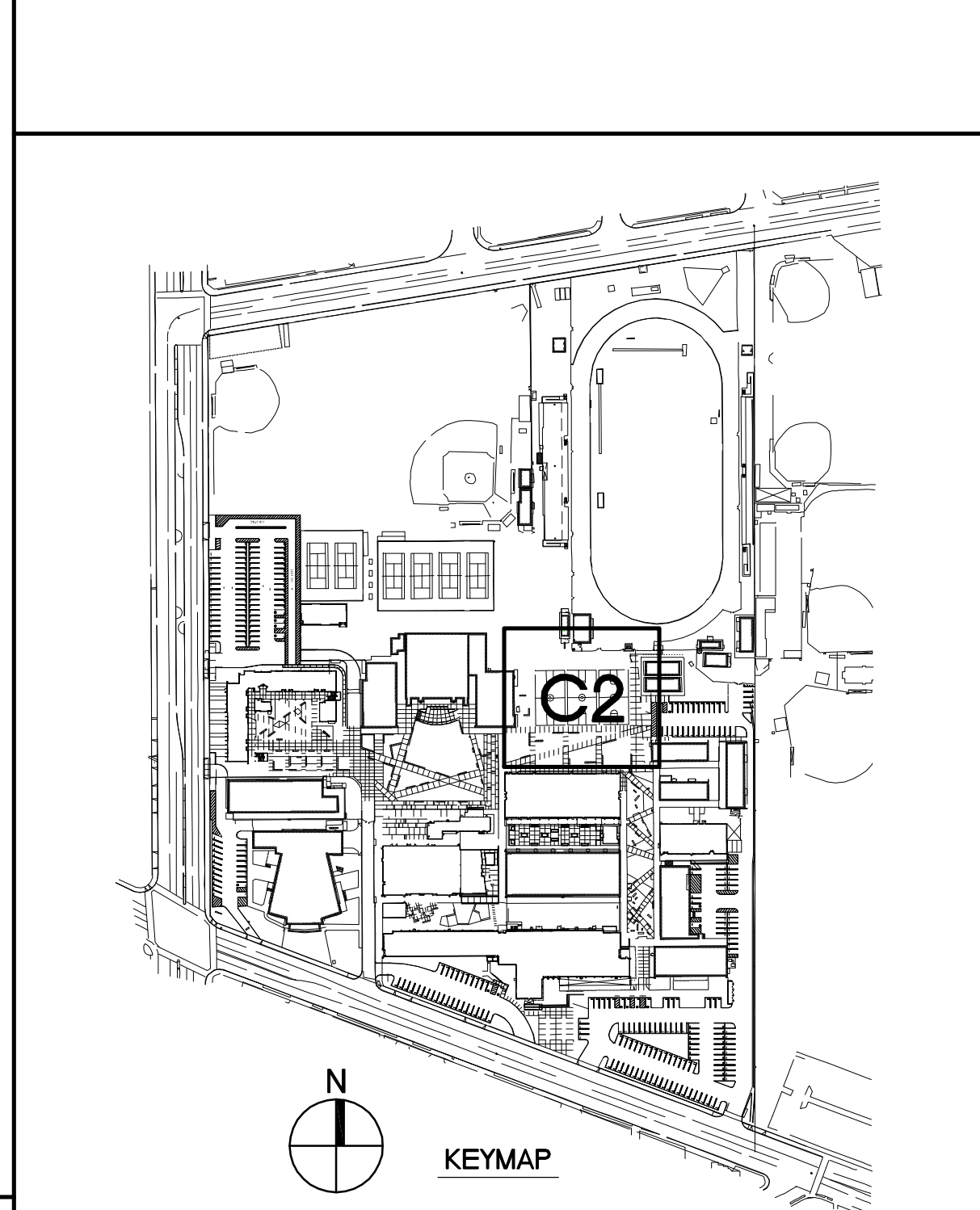
DETAIL 'C' 3
 BASKETBALL POLE CONCRETE FOOTING
 NOT TO SCALE



DETAIL 'F'
 NOT TO SCALE



DETAIL 'F'
 NOT TO SCALE



SHEET INDEX

| NO. | SHEET TITLES |
|-----|--|
| C1 | TITLE AND DETAIL SHEET FOR NEW BASKETBALL COURTS |
| C2 | NEW BASKETBALL COURT PLANS |

Underground Service Alert
 Call: Toll Free
811
 TWO WORKING DAYS BEFORE YOU DIG

- General Notes:
- Install 10 mil plastic as vapor barrier under concrete slab.
 - Concrete mix is to have a neutral reactive aggregate
 - No curing compound is to be added to concrete. Cure the concrete covering the area with plastic after concrete finish is dry.
 - Contractor shall provide temporary chain link fence with green windscreen, gates and barricades to protect work areas from outside job side limits, or as directed by the District. Such protection shall remain in place during the extent of the contract.

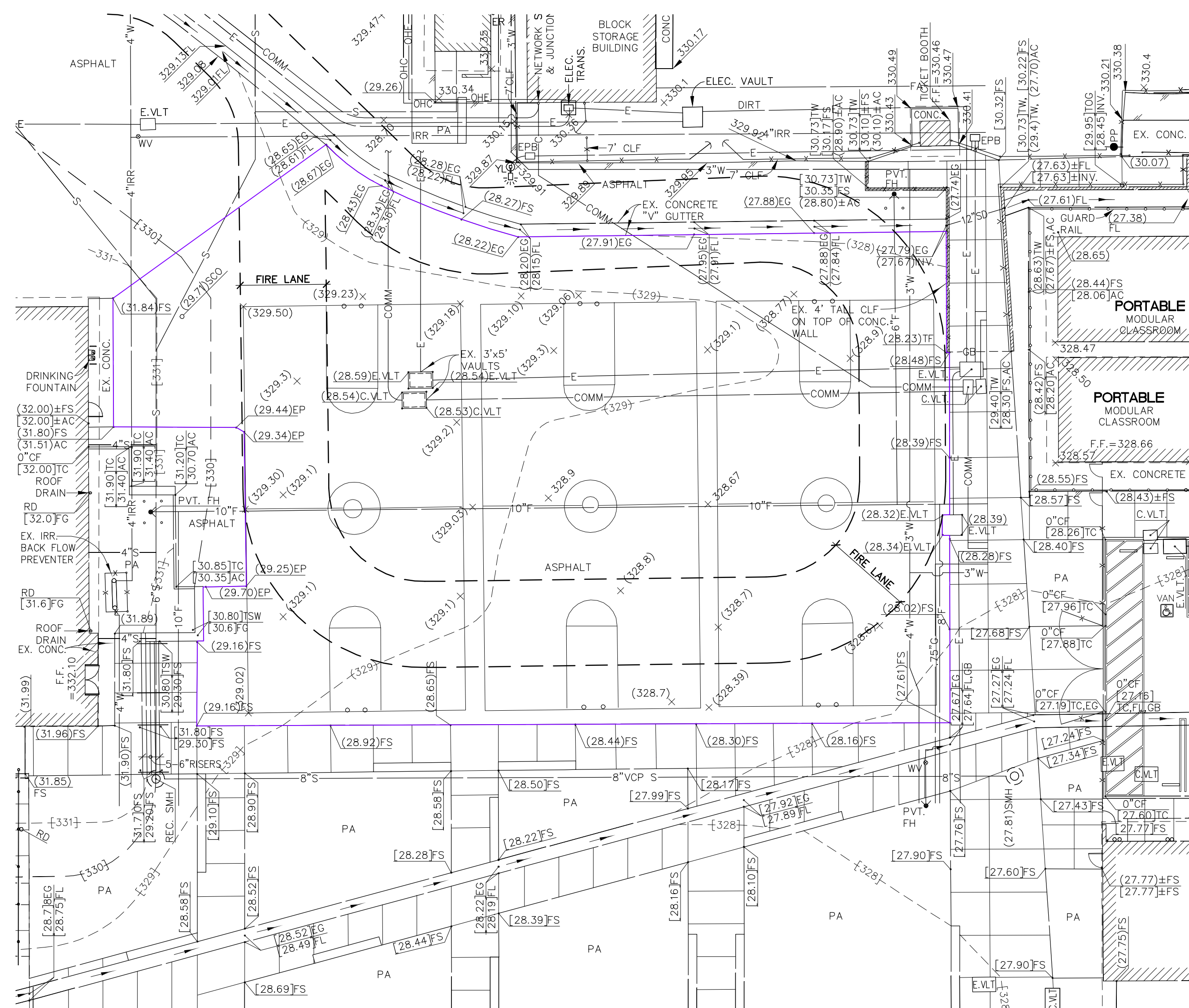
CONSULTANT
MSL ENGINEERING, INC.
 CIVIL ENGINEERS AND LAND SURVEYORS
 SPECIALIZING IN SITE DEVELOPMENT
 402 W. ARROW HWY, STE. 4
 SAN DIMAS, CA 91773
 (909) 305-2395 FAX (909) 305-2397
 Mark S. Lammert
 MARK S. LAMMERT (R.C.E. 38382) DATE

APPROVED

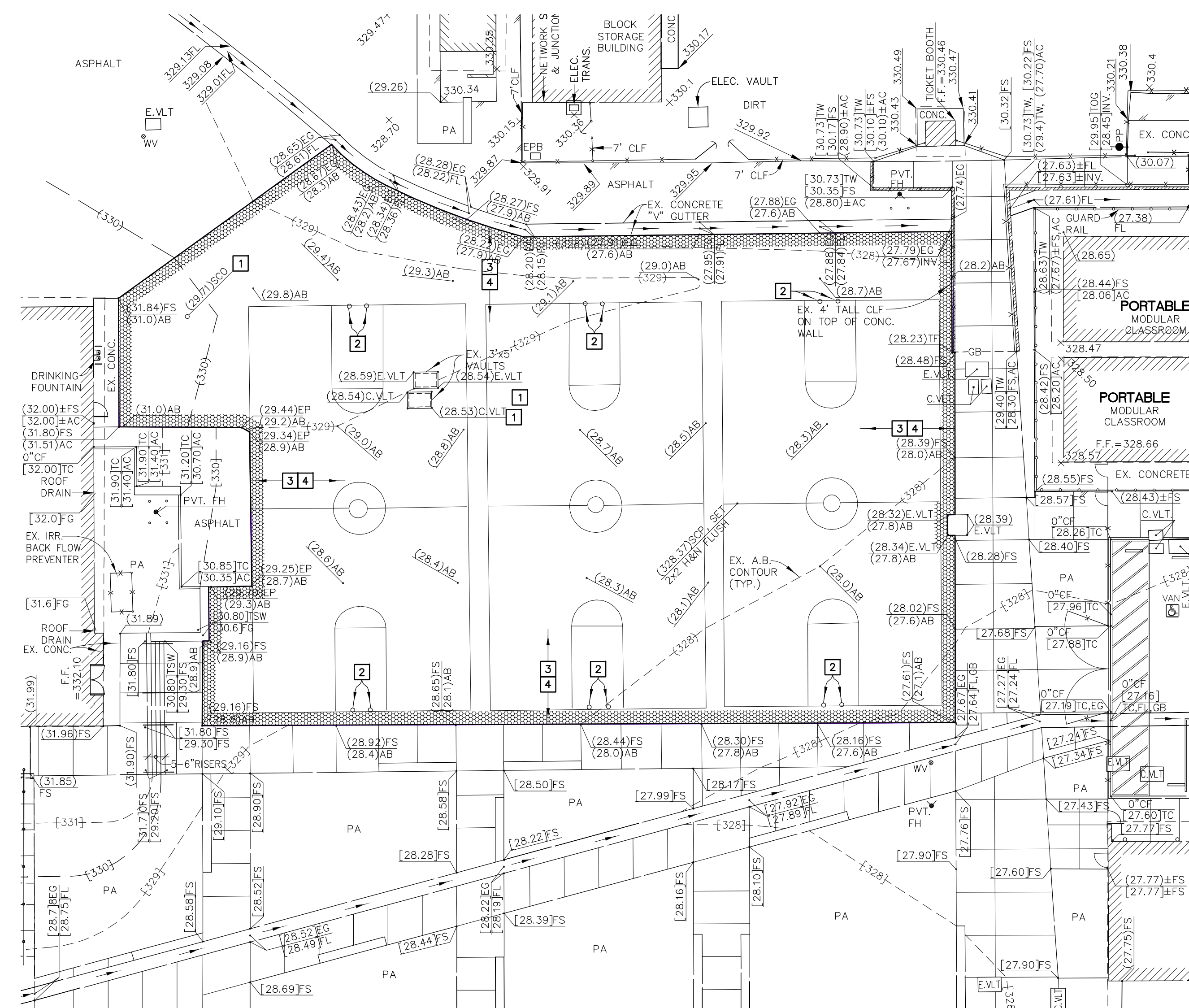
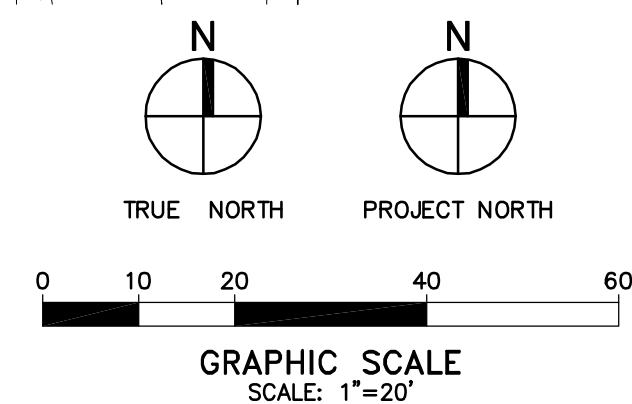
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| DRWN: G.R.H. | CHKD: M.S.L. |
| DATE: 12-09-11 | SCALE: AS NOTED |
| PROJECT NUMBER: | |

TITLE AND DETAIL
SHEET FOR NEW BASKETBALL COURTS
 DRAWING NUMBER: **C1**
 NOT DATE: 12-09-11



TOPOGRAPHY SURVEY MAP PRIOR TO THE START OF SITE DEMOLITION
 SCALE: 1"=20'



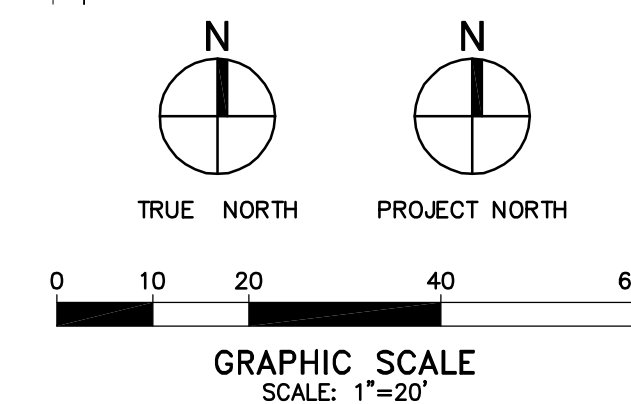
ONSITE DEMOLITION PLAN AS OF JULY 27, 2011
 SCALE: 1"=20'

PARTIAL LEGEND

GENERAL OVERALL LIMIT OF ONSITE SAWCUT AND REMOVAL LINE FOR HARDSCAPE CONTRACTOR TO REMOVE ALL DEBRIS AND ASPHALT FROM THE SITE. CONTRACTOR TO VERIFY WITH THE OWNER ITEMS TO BE REMOVED OR PROTECTED IN PLACE THAT ARE NOT SHOWN HEREON. ALL ITEMS SHOWN HEREON WITHIN THE LIMITS OF DEMOLITION ARE TO BE REMOVED EXCEPT THOSE THAT ARE SHOWN TO BE PROTECTED IN PLACE.

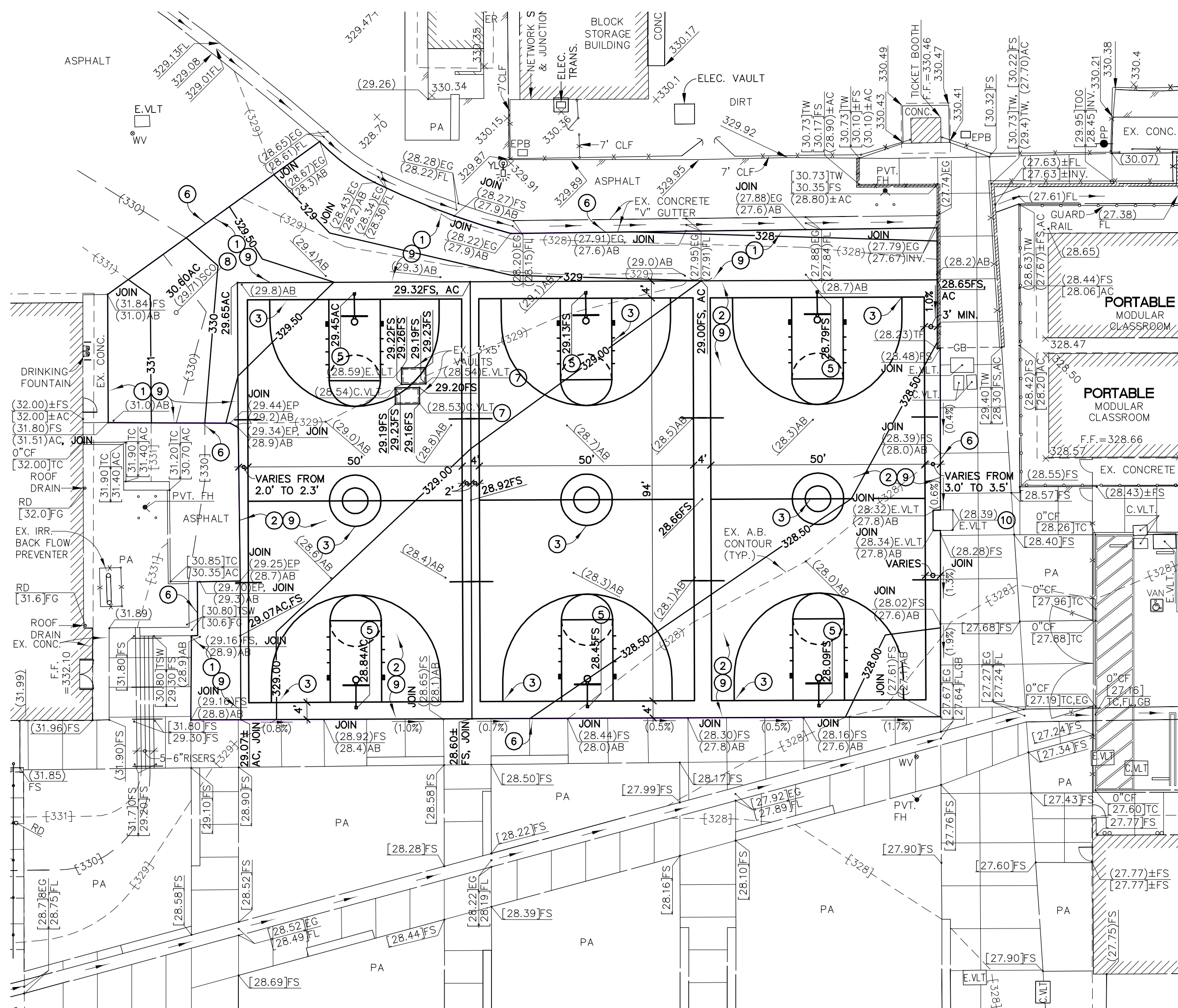
DEMOLITION PLAN CONSTRUCTION NOTES

- PROTECT IN PLACE EXISTING 3'-6" ELECTRICAL AND COMMUNICATION CONCRETE VAULTS. THE BURIED METAL LIDS WERE DISCOVERED AND DAMAGED DURING REMOVAL OF THE ASPHALT PAVEMENT.
- EXISTING BASKETBALL POLE, FOOTING AND BACKBOARD WERE ALREADY REMOVED FROM THE SITE.
- EXISTING ASPHALT PAVEMENT AND AGGREGATE BASE WERE ALREADY REMOVED FROM THE SITE.
- A MINIMUM 6" THICK CRUSHED MISCELLANEOUS BASE WAS COMPACTED TO AT LEAST 95% OF ITS MAXIMUM DENSITY OVER 6" MINIMUM THICK NATIVE SOIL COMPACTED TO AT LEAST 90% OF ITS MAXIMUM DENSITY AT OR NEAR ITS OPTIMUM MOISTURE CONTENT.

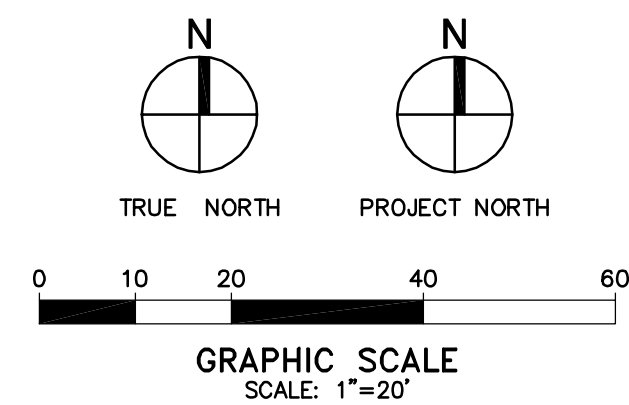


SITE AND DRAINAGE PLAN CONSTRUCTION NOTES

- A SEPARATE DISTRICT HIRED CONTRACTOR SHALL CONSTRUCT THE ASPHALT PAVEMENT SECTION PER DETAIL "A" SHOWN ON SHEET C1. NOT A PART OF THIS CONTRACT.
- CONSTRUCT CONCRETE PAVEMENT SECTION PER DETAILS "B" AND "C" SHOWN ON SHEET C1.
- APPLY PAINT STRIPING A TOTAL OF 2 TIMES ON THE NEW CONCRETE BASKETBALL COURT PER DETAIL "D" SHOWN ON SHEET C1 AND PER BULLETIN 77.
- APPLY PAINT STRIPING A TOTAL OF TWO TIMES FOR THE NEW VOLLEYBALL COURT PER BULLETIN 77.
- CONSTRUCT A REINFORCED CONCRETE FOOTING AND INSTALL AN OWNER FURNISHED BASKETBALL POLE, BACKBOARD AND HOOP PER DETAIL "C" SHOWN ON SHEET C1.
- CONSTRUCT A SMOOTH JOIN FLUSH WITH THE ADJOINING CONCRETE OR ASPHALT PAVEMENT HARDSCAPE SURFACE.
- PROTECT IN PLACE EXISTING 36"x60" ELECTRIC AND COMMUNICATION UTILITY CONCRETE VAULT, FRAME, LID AND ACTIVE BELOW GRADE PIPING, CONDUIT, WIRING AND STRUCTURE. REMOVE DAMAGED METAL LIDS. INSTALL A NEW ALHAMBRA FOUNDRY COMPANY RECTANGULAR TRAFFIC RATED SOLID METAL COVER AND FRAME PER PLATE NO. A-1433 OR EQUIVALENT ON TOP OF THE EXISTING CONCRETE VAULT AND SECURE IT IN PLACE AS REQUIRED WITH CONCRETE. REFER TO DETAIL "F" ON SHEET C1 FOR ADDITIONAL INFORMATION AND ITEMS TO BE CONSTRUCTED. MODIFY EXISTING VAULT AS REQUIRED.
- ADJUST EXISTING SEWER CLEANOUT LID TO BE FLUSH WITH THE NEW SLOPING ASPHALT PAVEMENT GRADE.
- REGRADE, PLACE NEW AND/OR RECOMPACT CRUSHED MISCELLANEOUS BASE (CMB) AS REQUIRED TO PROVIDE THE MINIMUM THICKNESS OF NEW ASPHALT OR CONCRETE PAVEMENT SECTION ON TOP OF THE CMB WHILE STILL MAINTAINING A MINIMUM 6" THICK 95% COMPACTED CMB SECTION.
- PROTECT IN PLACE EXISTING ELECTRIC CONCRETE VAULT, FRAME, LID AND ACTIVE BELOW GRADE PIPING CONDUIT, WIRING AND STRUCTURE.



SITE AND DRAINAGE PLAN
 SCALE: 1"=20'



REFER TO DETAIL "E" ON SHEET C1 FOR ADDITIONAL PROPOSED ELEVATIONS IN THE 2 NEW CONCRETE BASKETBALL COURTS



REFER TO SHEET C1 FOR DETAILS AND GENERAL NOTES.

EL MONTE UNION HIGH SCHOOL DISTRICT
 ROSEMEAD HIGH SCHOOL GROWTH PROJECTS
 9063 EAST MISSION DRIVE
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 (909) 305-2395 FAX (909) 305-2397
 Mark S. Lacombe 12-09-11
 DATE

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| APPROVED | IDENTIFICATION stamp DIV. OF THE STATE ARCHITECT OFFICE OF REGISTERED PROFESSIONALS FILE 19-H10 APPL 110567 AC FLS SS DATE |
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| REVISIONS | | | |
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DRWN: G.R.H. CHKD: M.S.L.
 DATE: 12-09-11 SCALE: AS NOTED
 PROJECT NUMBER:

NEW
 BASKETBALL
 COURT PLAN

DRAWING NUMBER: C2
 DATE: 12-09-11

