WEST ADA SCHOOL DISTRICT
MOUNTAIN VIEW HIGH SCHOOL
TENNIS COURT REPLACEMENT
CONSTRUCTION PLANS
MERIDIAN, IDAHO
JUNE 2020



KM STANDARD CONSTRUCTION NOTES

GENERAL

1. PROJECT BENCHMARKS SHALL BE ESTABLISHED THROUGHOUT THE SITE BY THE ENGINEER AND WILL BE PROVIDED TO THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE SAFETY REQUIREMENTS OF ANY JURISDICTIONAL BODY. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL BARRICADES, SAFETY DEVICES AND TRAFFIC CONTROL WITHIN AND AROUND THE CONSTRUCTION AREA.
3. ALL WORK SHALL BE DONE IN COMPLIANCE WITH THE APPROVED PLANS, SPECIFICATIONS, SOILS REPORT AND APPENDIX CHAPTER 33 OF THE UNIFORM BUILDING CODE.
4. WHERE NOTED, EXISTING TEST PITS/MONITORING WELLS SHALL BE RETAINED AND PROTECTED DURING CONSTRUCTION.
5. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS AND/OR REQUIREMENTS OF THE CITY OF MERIDIAN, UNITED WATER, ADA COUNTY HIGHWAY DISTRICT, AND THE IDAHO DEPARTMENT OF ENVIRONMENTAL QUALITY.
6. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING DRAINAGE FACILITIES WITHIN THE CONSTRUCTION AREA UNTIL THE PROPOSED DRAINAGE IMPROVEMENTS ARE IN PLACE AND FUNCTIONING. THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE STORM WATER POLLUTION PREVENTION PLAN.
7. ALL CONTRACTORS WORKING WITHIN THE PROJECT BOUNDARIES ARE RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE SAFETY LAWS OF ANY JURISDICTIONAL BODY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL BARRICADES, SAFETY DEVICES AND CONTROL OF TRAFFIC WITHIN AND AROUND THE CONSTRUCTION AREA.
8. WORK SUBJECT TO APPROVAL BY ANY POLITICAL SUBDIVISION OR AGENCY MUST BE APPROVED PRIOR TO (A) BACKFILLING TRENCHES FOR PIPE (B) PLACING OF AGGREGATE BASE (C) PLACING OF CONCRETE; (D) PLACING OF ASPHALT PAVING. WORK DONE WITHOUT SUCH APPROVAL SHALL NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY OF PERFORMING THE WORK IN AN ACCEPTABLE MANNER.
9. ALL CONTRACTORS WORKING WITHIN EXISTING PUBLIC ROAD RIGHT-OF-WAY ARE REQUIRED TO SECURE A RIGHT-OF-WAY CONSTRUCTION PERMIT FROM ADA COUNTY HIGHWAY DISTRICT AT LEAST TWENTY-FOUR (24) HOURS PRIOR TO ANY CONSTRUCTION.
10. THE CONTRACTOR SHALL CONSTRUCT ALL IMPROVEMENTS IN ACCORDANCE WITH THE PLANS STAMPED "APPROVED FOR CONSTRUCTION" BY THE VARIOUS GOVERNING AGENCIES. THESE PLANS WILL BE PROVIDED TO THE CONTRACTOR BY THE ENGINEER OR PROJECT INSPECTOR PRIOR TO CONSTRUCTION. WORK SHALL NOT BE DONE WITHOUT THE CURRENT SET OF APPROVED PLANS.

GRADING

11. ALL EARTHWORK INCLUDING CLEARING, GRUBBING, EXCAVATION, EMBANKMENT, BACKFILL, DEWATERING, AND EROSION CONTROL SHALL MEET THE SPECIFICATIONS OF SECTION 200 OF THE ISPWC AS WELL AS THE SPECIFICATIONS AND RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEERING REPORT.
12. PRIOR TO PLACEMENT OF FILL MATERIAL, THE CONTRACTOR SHALL CLEAR THE SITE OF ALL WASTE MATERIALS AND VEGETATION AND PREPARE THE SUBGRADE AS RECOMMENDED IN THE GEOTECHNICAL CONSULTANT. ALL WASTE MATERIAL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS. THE SITE SHALL BE PROOF-ROLLED PRIOR TO PLACEMENT OF FILL MATERIAL TO ENSURE STABILITY OF SUBGRADE. A REPRESENTATIVE OF GEOTECHNICAL CONSULTANT SHALL REMAIN ON SITE TO ENSURE PROPER PLACEMENT AND COMPACTION OF STRUCTURAL FILL.
13. STRUCTURAL FILL IS DEFINED BY THE GEOTECHNICAL CONSULTANT.
14. TOPSOIL AND OTHER STOCKPILE AREAS TO BE COORDINATED BETWEEN CONTRACTOR AND OWNER BEFORE THE START OF CONSTRUCTION.
15. NO GRADING WORK SHALL OCCUR UNTIL THE OWNER HAS FILED A NOTICE OF INTENT FOR CONSTRUCTION ACTIVITY WITH THE EPA.
16. ALL MATERIAL FURNISHED ON OR FOR THE PROJECT MUST MEET THE MINIMUM REQUIREMENTS OF THE APPROVING AGENCIES OR AS SET FORTH HEREIN, WHICHEVER IS MORE RESTRICTIVE.

UTILITY

17. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BY CALLING DIGLINE AT PHONE # (800) 342-1585 BEFORE COMMENCING WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES TO EXISTING UNDERGROUND UTILITIES.
18. ALL WELL ABANDONMENT SHALL BE COMPLETED IN ACCORDANCE WITH THE REQUIREMENTS OF THE IDAHO DEPARTMENT OF WATER RESOURCES (IDWR) AND IDAHO CODE. THE CONTRACTOR SHALL RETAIN A LICENSED WELL DRILLER FOR ABANDONMENT. COORDINATE WITH IDWR WESTERN REGION (334-2190).
19. EXISTING OVERHEAD POWER LINES SHALL BE RETAINED AND PROTECTED AS NEEDED TO MAINTAIN SERVICE TO ADJACENT PROPERTIES. THE CONTRACTOR SHALL COORDINATE WITH IDAHO POWER COMPANY TO ABANDON OR RELOCATE ALL OTHER OVERHEAD POWER LINES AND POLES AS REQUIRED.
20. EXISTING SEPTIC SYSTEMS ASSOCIATED WITH ANY ABANDONED BUILDINGS ON THE SITE SHALL BE ABANDONED ACCORDING TO THE REQUIREMENTS OF THE IDAHO DEPARTMENT OF ENVIRONMENTAL QUALITY TECHNICAL GUIDANCE MANUAL. THE CONTRACTOR SHALL VERIFY THE LOCATION OF THE SEPTIC TANK, DRAINFIELD AND ALL APPURTENANCES. ALL INLET AND OUTLET PIPING SHALL BE DISCONNECTED FROM THE SEPTIC TANK. ALL BURIED PIPING SHALL BE EXCAVATED AND TRACED FROM THE SEPTIC TANK TO THE DRAIN FIELD TO THE FULL EXTENTS. THE CONTRACTOR SHALL VERIFY THE EXISTENCE OF A DRAINFIELD AND SHALL EXCAVATE THE DRAINFIELD SOILS TO AT LEAST THE MINIMUM GROUNDWATER LEVEL OR AS DIRECTED BY THE GEOTECHNICAL ENGINEER AFTER FIELD SITE INSPECTION OF THE DRAINFIELD AREA. THE DRAINFIELD SOILS SHALL BE DISPOSED OF OFF SITE. AFTER INSPECTION OF EXCAVATED SOILS, THE CONTRACTOR SHALL BACKFILL THE DRAINFIELD AREA WITH STRUCTURAL FILL.
21. INSTALL CONCRETE COLLARS PER ISPWC SD-616 AROUND ALL RIMS, GRATES, AND METERS WITHIN ASPHALT.

DRAINAGE

22. ONLY PLAN SETS STAMPED "APPROVED FOR CONSTRUCTION" AND SIGNED BY AN AUTHORIZED REPRESENTATIVE OF THE CONTROLLING GOVERNMENTAL AGENCY SHALL BE USED BY THE PROJECT CONTRACTOR(S).
23. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHOWN HEREON ARE ONLY APPROXIMATE. THE CONTRACTOR SHALL COMPLY WITH IDAHO CODE REGARDING UNDERGROUND FACILITIES DAMAGE PREVENTION. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED AS A RESULT OF FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES. THE CONTRACTOR SHALL CONTACT DIGLINE (342-1585) FOR UTILITY LOCATIONS A MINIMUM OF 48 HOURS PRIOR TO DIGGING.
24. ANY PLAN CHANGES REQUIRES APPROVAL BY THE DESIGN ENGINEER AND THE CITY OF MERIDIAN.
25. THE CONTRACTOR SHALL CONTACT MERIDIAN CITY PUBLIC WORKS FOR INSPECTION OF ALL STORM DRAINAGE FACILITIES (PRIOR TO PLACEMENT OF FILTER FABRIC) 24 HOURS MINIMUM ADVANCED NOTICE.
26. ALL STORM DRAIN PIPE SHALL BE ASTM D3034, SDR 35, OR APPROVED EQUAL, OR AS OTHERWISE INDICATED HERE ON.
27. ALL WATER VALVES, BLOW-OFFS, AND MANHOLES SHALL BE GRADED AND PLACED SO AS NOT TO CONFLICT WITH ANY CURB, GUTTER, SIDEWALK, OR OTHER REQUIRED STREET IMPROVEMENTS.

AMERICANS WITH DISABILITIES ACT NOTES

1. ALL SIDEWALKS AND ACCESSIBLE ROUTES SHALL MEET THE FOLLOWING SLOPE REQUIREMENTS LIST BELOW. CONTRACTOR WILL BE REQUIRED TO REPLACE/REAPIAR ANY IMPROVEMENTS NOT MEETING THESE CRITERIA AT HIS OWN COST.

   SIDEWALKS AND ACCESSIBLE ROUTES
   -2% MAXIMUM CROSS SLOPE
   -5% MAXIMUM RUNNING SLOPE

   ADA PARKING AREAS AND LANDINGS
   -2% MAXIMUM SLOPE ANY DIRECTION

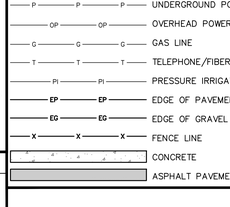
   RAMPS
   -2% MAXIMUM CROSS SLOPE
   -8.33% (1:12) MAXIMUM RUNNING SLOPE

2. TRUNCATED DOMES SHALL BE CAST INTO CONCRETE (STAMPED CONCRETE AND ADHESIVE MATS NOT ALLOWED) AND SHALL BE COLORED TRAFFIC YELLOW PER ACHD SUPPLEMENTAL DRAWING SD-712.
3. ALL ADA SIGNAGE AND STRIPING SHALL MEET THE MINIMUM REQUIREMENTS OF THE MOST CURRENT EDITIONS OF THE ADA, MUTCD, AND THE ISPWC.

SHEET INDEX

C0.0	COVER
C1.1	GRADING AND SITE PLAN
S1.0	TENNIS COURT LAYOUT AND DETAILS (AHJ ENGINEERS. INC.)

VICINITY MAP



LATITUDE: 43°35'3.16"N
LONGITUDE: 116°22'5.68"W

LEGEND

	FOUND BRASS CAP
	FOUND ALUMINUM CAP
	FOUND 5/8 INCH REBAR
	FOUND 1/2 INCH REBAR
	CALCULATED POINT
S	SEWER MANHOLE
SD	STORM DRAIN MANHOLE
	STORM DRAIN CATCH BASIN
	FIRE HYDRANT
	WATER VALVE
W	WATER METER
	SIGNAL POLE
	LIGHT POLE
	ELECTRIC BOX
	TRANSFORMER
	GAS MARKER
T	TELEPHONE MANHOLE
	TELEPHONE/FIBER OPTIC RISER
	IRRIGATION VALVE
	SIGN
	BOUNDARY LINE
	INTERIOR PARCEL LINE
	ADJACENT PROPERTY LINE
	ROAD CENTERLINE
	SECTION LINE
	EASEMENT LINE
S S S	SANITARY SEWER LINE
SD SD	STORM DRAIN LINE
W W	WATER LINE
GI GI	GRAVITY IRRIGATION LINE
P P P	UNDERGROUND POWER LINE
OP OP	OVERHEAD POWER LINE
G G G	GAS LINE
T T T	TELEPHONE/FIBER OPTIC LINE
PI PI	PRESSURE IRRIGATION
EP EP	EDGE OF PAVEMENT
EG EG	EDGE OF GRAVEL
X X X	FENCE LINE
	CONCRETE
	ASPHALT PAVEMENT

PROFESSIONAL ENGINEER
REGISTERED
10821
6.9.20
STATE OF IDAHO
KEVIN P. MCCARTHY

Digitally signed by Kevin McCarthy, PE
Date: 2020.06.09 11:46:56 -06'00'

REVISIONS

NO.	ITEM	DATE

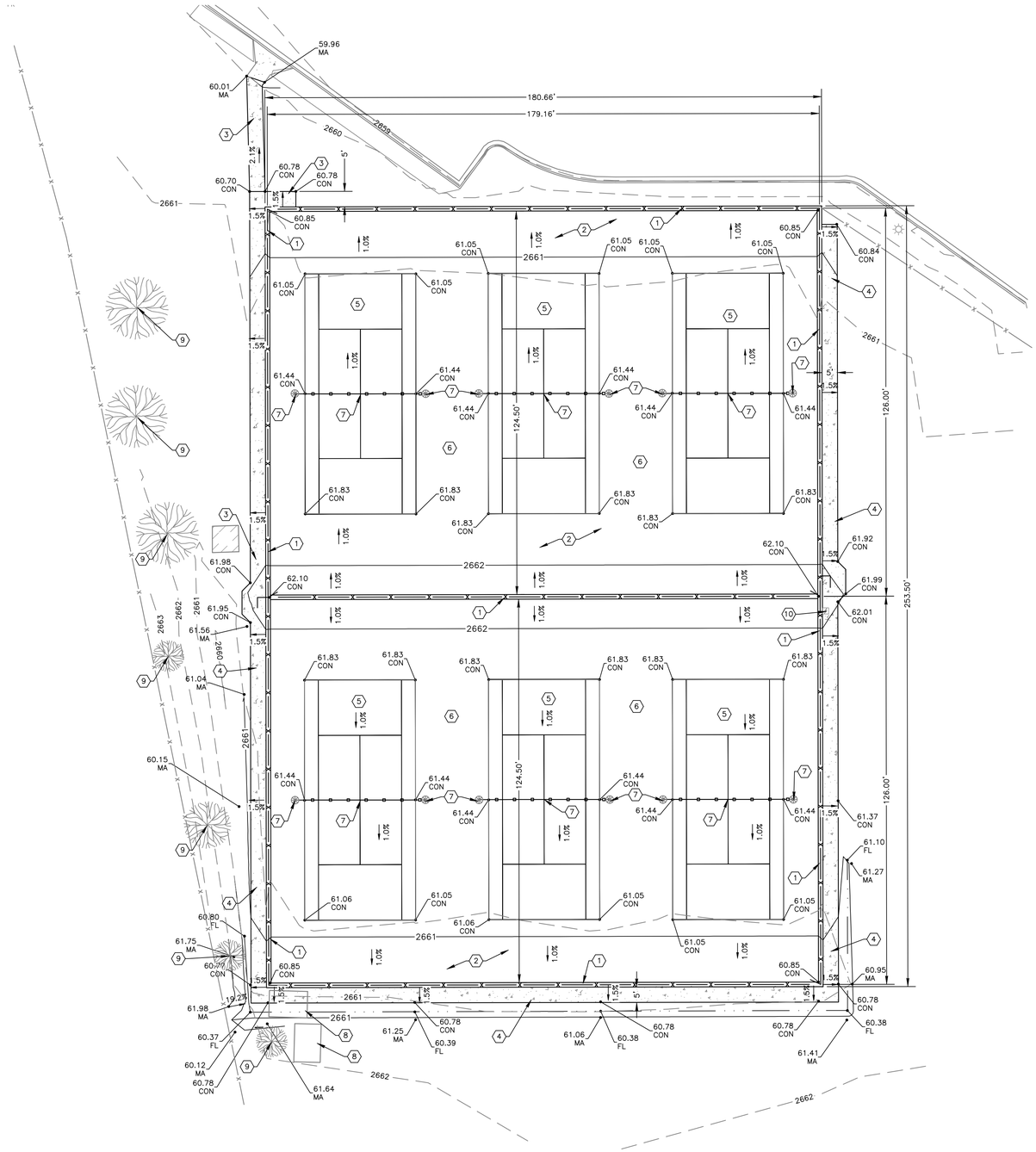
MOUNTAIN VIEW HIGH SCHOOL TENNIS COURT REPLACEMENT
MERIDIAN, IDAHO
COVER

km ENGINEERING
9233 WEST STATE STREET
BOISE, IDAHO 83714
PHONE (208) 639-6939
kmengllp.com

DESIGN BY:	TGA
DRAWN BY:	TGA
CHECKED BY:	KPM
DATE:	6.9.2020
PROJECT:	20-055

SHEET NO.
C0.0

P:\20-055\CAD\CONSTRUCTION PLANS\20-055 COVER.DWG, KEVIN MCCARTHY, 6/9/2020, DWG TO PDF.PC3, 24X36 (LIPDF)



PROFESSIONAL ENGINEER
REGISTERED
10821
6.9.20
STATE OF IDAHO
KEVIN P. MCCARTHY

LEGEND

- 14.29 — FINISH GRADE ELEVATION
- FINISH GRADE SLOPE
- 2713 — EXISTING GRADE CONTOUR
- 2713 — FUTURE GRADE CONTOUR
- FLOWLINE
- GRADE BREAK

SHEET NOTES

1. ALL SPOT ELEVATION ARE TO THE TOP OF ASPHALT UNLESS NOTED AS FOLLOWS:
   RIM = RIM OF STRUCTURE
   TA = TOP OF ASPHALT
   CON = TOP OF CONCRETE
   MA = MATCH EXISTING
   FL = FLOW LINE
   GB = GRADE BREAK
   SW = TOP OF SIDEWALK
   FG = FINISHED GRADE

GENERAL NOTES

1. SEE SHEET C0.0 FOR PROJECT NOTES

SITE KEYNOTES

1. REMOVE EXISTING FENCE AND POLES. INSTALL NEW FENCE PER DETAILS ON SHEET S1.0. REUSE EXISTING FENCE AND POLES IF POSSIBLE. MATCH EXISTING FENCE AND GATE LAYOUT.
2. REMOVE EXISTING TENNIS COURT AND BASE. INSTALL NEW POST TENSIONED SLAB AND BASE PER S1.0.
3. REMOVE EXISTING CONCRETE WALK AND INSTALL NEW CONCRETE SIDEWALK PER ISPWC SD-709.
4. INSTALL NEW CONCRETE WALK PER ISPWC SD-709.
5. CONTRACTOR TO APPLY COLOR TO COURT SURFACE PER SPECIFICATIONS.
6. CONTRACTOR TO APPLY COLOR TO COURT FIELD PER SPECIFICATIONS.
7. CONTRACTOR TO INSTALL NEW NET POSTS AND CENTER STRAP ANCHORS PER DETAILS ON SHEET S1.0.
8. CONTRACTOR TO RELOCATE PORTABLE SHEDS. COORDINATE WITH SCHOOL DISTRICT FOR NEW LOCATION.
9. PROTECT AND PRESERVE EXISTING TREES.
10. PROTECT AND PRESERVE EXISTING ELECTRICAL CONDUIT AND OUTLETS.

SPRINKLER REPAIR NOTE

1. CONTRACTOR SHALL FIELD LOCATE EXISTING IRRIGATION WITHIN AREA OF IMPACT AND MANUALLY OPERATE TO VERIFY SPRINKLER ZONES. EXCAVATE AREA FOR PROPOSED IMPROVEMENTS BY REMOVING SOD, LANDSCAPING AND TOP SOIL TO DEPTH. OBSERVE EXISTING SPRINKLER PIPE ROUTING AND ZONING AND CUT, CAP AND REMOVE EXISTING IRRIGATION SYSTEM WITHIN AREA OF DISTURBANCE. PROVIDE NEW LATERAL PIPING SIZED TO MATCH ANY REMOVED PIPING TO MAINTAIN OPERATION OF EXISTING SPRINKLER IRRIGATION SYSTEM AND INSTALL NEW SPRINKLERS OF SAME MAKE, MODEL AND NOZZLE AT EDGE OF PROPOSED IMPROVEMENTS. ADJUST NEW AND EXISTING SPRINKLERS TO PROVIDE 100% COVERAGE WITHIN LANDSCAPE AREA AND PREVENT OVER SPRAY ONTO HARDSCAPE OR BUILDINGS. CONTRACTOR TO MAINTAIN IRRIGATION TO AREA DURING CONSTRUCTION.

REVISIONS

NO.	ITEM	DATE

MOUNTAIN VIEW HIGH SCHOOL TENNIS COURT REPLACEMENT
MERIDIAN, IDAHO

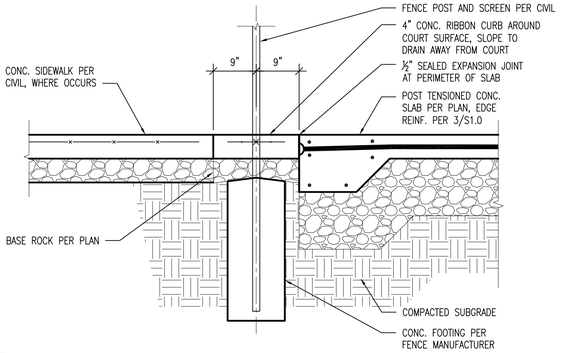
GRADING AND SITE PLAN

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DESIGN BY:	TGA
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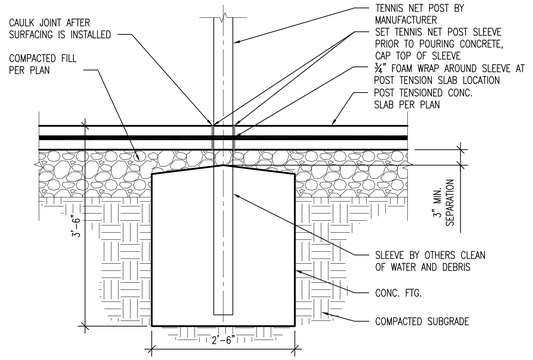
SHEET NO.
C1.0

P:\20-055\CAD\CONSTRUCTION PLANS\20-055 GRADING-SITE COMBINED.DWG, KEVIN MCCARTHY, 6/9/2020, DWG TO PDF.PC3, 24X36 L [PDF]



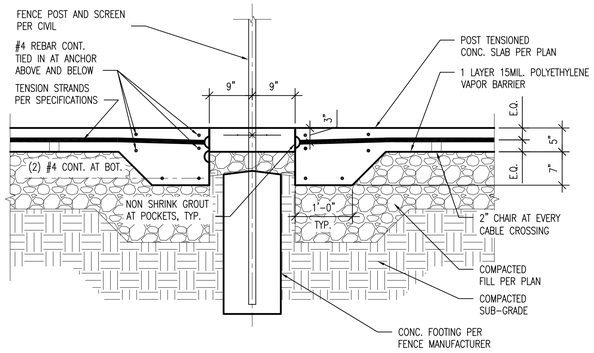
1 FENCE POST AT TENNIS COURT EDGE

SCALE: NONE



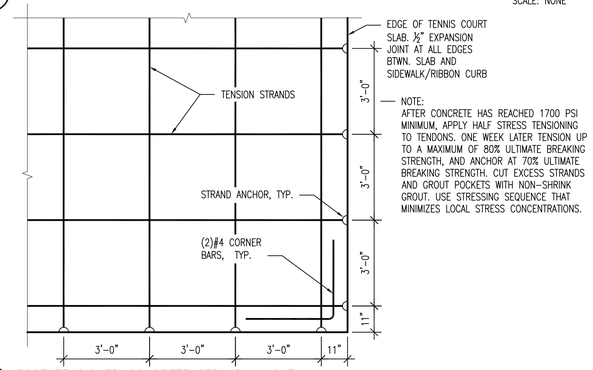
2 TENNIS NET POST

SCALE: NONE



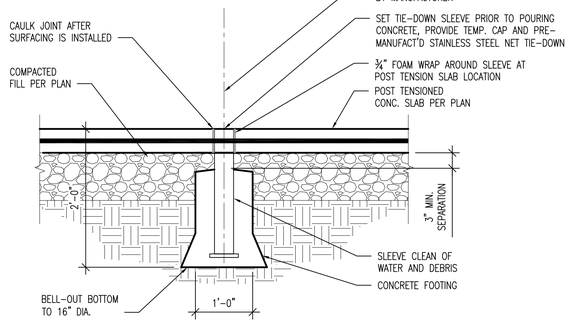
3 POST TENSION CONCRETE SECTION

SCALE: NONE



4 POST TENSIONED CONCRETE STRAND LAYOUT

SCALE: NONE



5 CENTER STRAP ANCHOR

SCALE: NONE

GENERAL STRUCTURAL NOTES

GENERAL

THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS BEFORE STARTING WORK. THE CIVIL AND STRUCTURAL ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCY. THESE STRUCTURAL DRAWINGS ARE INTENDED TO PRESENT SUFFICIENT DIMENSIONS TO INDICATE MAJOR PLAN SIZES AND TO LOCATE PRIMARY STRUCTURAL COMPONENTS. THE CONTRACTOR SHALL COORDINATE LOCATION OF SECONDARY ELEMENTS, FENCES OR MEMBERS RELATED TO OTHER DISCIPLINES. USE DETAILS MARKED "TYPICAL" WHEREVER APPLICABLE. CHANGES, OMISSIONS OR SUBSTITUTIONS ARE NOT PERMITTED WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE 2015 INTERNATIONAL BUILDING CODE (IBC). THE DESIGN, ADEQUACY AND SAFETY OF CONSTRUCTION TECHNIQUES, TEMPORARY SUPPORTS, ETC., IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR, AND HAS NOT BEEN CONSIDERED BY THE STRUCTURAL ENGINEER. THE CONTRACTOR SHALL PROVIDE THE NECESSARY BRACING TO PROVIDE STABILITY. OBSERVATION VISITS TO THE SITE BY THE STRUCTURAL ENGINEER SHALL NOT BE CONSTRUED AS INSPECTION OF THE ABOVE ITEMS.

SHOP DRAWINGS/SUBMITTALS

SHOP DRAWINGS ARE TO BE CHECKED AND APPROVED BY THE GENERAL CONTRACTOR PRIOR TO SUBMITTING FOR STRUCTURAL REVIEW. ANY REQUEST FOR MODIFICATION TO THE DRAWINGS MUST BE SUBMITTED IN WRITING. THIS MAY BE ACCOMPLISHED THROUGH THE SHOP DRAWINGS ONLY IF THE CHANGE IS CLEARLY REPRESENTED, CLOUDED AND NOTED AS BEING A REQUESTED CHANGE REQUIRING THE STRUCTURAL ENGINEER APPROVAL. CHANGES TO THE DRAWINGS BY WAY OF THE SHOP DRAWINGS THAT ARE NOT CLEARLY NOTED AS STATED ABOVE, DO NOT CONSTITUTE AN AUTHORIZED CHANGE EVEN THOUGH THE DRAWINGS HAVE BEEN STAMPED WITH THE STRUCTURAL ENGINEER REVIEW STAMP. GENERAL CONTRACTOR IS RESPONSIBLE FOR VERIFICATION AND COORDINATION OF DIMENSIONS AND DETAILS FOR EACH SUBCONTRACTOR.

SHOP DRAWINGS/SUBMITTALS ARE REQUIRED FOR THE FOLLOWING:
* CONCRETE MIX DESIGNS
* CONCRETE REINFORCING
* POST-TENSIONING STRAND AND STRESSING DESIGNS

FOUNDATION

DESIGN ALLOWABLE SOIL BEARING PRESSURE = 1500 PSF ASSUMED. BOTTOM OF ALL FOOTINGS ARE TO BEAR ON COMPETENT, NATIVE, INORGANIC, UNDISTURBED SOIL 1'-0" MINIMUM BELOW EXISTING GRADE OR COMPACTED STRUCTURAL FILL. EXTEND ALL EXTERIOR FOOTINGS 24" MINIMUM BELOW FINISHED GRADE. NO FOOTING SHALL BEAR HIGHER THAN A 1 VERTICAL TO 1.5 HORIZONTAL SLOPE ABOVE ANY EXCAVATION, EXISTING OR PLANNED. CONTRACTOR SHALL PROVIDE TEMPORARY SHORING TO PREVENT MOVEMENT OF WALLS IF BACKFILL IS PLACED BEFORE FLOOR SYSTEM IS IN PLACE. THERE SHALL BE 95% COMPACTION (ASTM D1557 MODIFIED PROCTOR DENSITY) OF ALL BACKFILL SOIL UNDER SLABS ON GRADE.

CAST-IN-PLACE CONCRETE

ATTAIN THE FOLLOWING MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS:
* 3000 PSI---FOOTINGS BELOW GRADE (2500PSI USED FOR DESIGN).
* 4000 PSI---EXPOSED CONCRETE SLABS, POST-TENSIONED SLABS, EXPOSED PIERS.

MAXIMUM SLUMP: 3" FOR SLABS AND FOOTINGS
CONSTRUCTION TO BE IN ACCORDANCE WITH ACI 318-R14 "CHAPTER 3 FOR STANDARDS FOR TESTS & MATERIALS, CHAPTERS 4, 5, 6 & 7 FOR CONSTRUCTION REQUIREMENTS". REFER TO ACI 302.1R-04 FOR SLAB ON GRADE MIX DESIGN. LOCATION OF CONSTRUCTION OR POUR JOINTS MUST BE APPROVED BY THE ARCHITECT AND STRUCTURAL ENGINEER IF DIFFERENT FROM THAT SHOWN ON PLANS.

REINFORCING STEEL

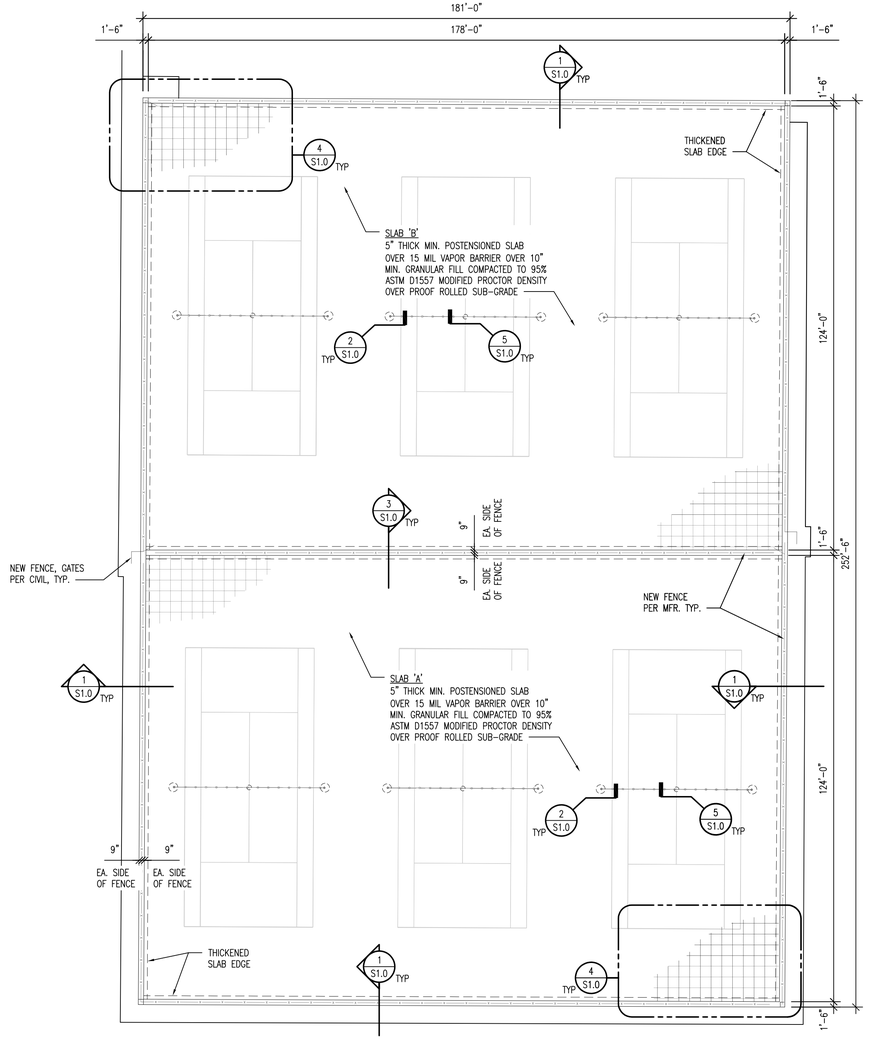
WELDED WIRE REINFORCING: ASTM A82 AND A185.
DEFORMED BARS: ASTM A615, GRADE 40 FOR #3; GRADE 60 FOR #4 & LARGER; ASTM A706 FOR WELDED CONDITIONS.

LAP SPLICES (HORIZONTAL AND VERTICAL STEEL)
* CONCRETE: 52-BAR DIA. FOR BEAMS, COLUMNS, RETAINING AND ABOVE-GRADE WALLS FOR #6 & SMALLER.
40-BAR DIA. OTHER, UNLESS NOTED OTHERWISE FOR #6 & SMALLER.
WELDED WIRE FABRIC SPLICES: WIRE SPACING + 2".

CONCRETE COVER:
UNLESS OTHERWISE NOTED ON THESE DRAWINGS, UTILIZE THE FOLLOWING CLEAR EMBEDMENT AT REINFORCING BARS VALUES FOR CAST-IN-PLACE, NON-PRE-STRESSED CONCRETE TYPICALLY:
CONCRETE CAST AGAINST SOIL = 3".
FORMED CONCRETE EXPOSED TO EARTH OR WEATHER = 2" (#6 OR GREATER)
FORMED CONCRETE EXPOSED TO EARTH OR WEATHER = 1½" (#5 OR LESS)
CONCRETE NOT EXPOSED TO EARTH OR WEATHER = ¾"(SLABS, WALLS & JOISTS)
CONCRETE NOT EXPOSED TO EARTH OR WEATHER = 1½"(BEAMS & COLUMNS)
SLAB ON GRADE = 1½".
USE ONLY A706 STEEL FOR ALL WELDED REINFORCING. SECURELY TIE ALL REINFORCING IN PLACE WITH DOUBLE ANNEALED 16-GAUGE IRON WIRE OR APPROVED CLIPS. SUBMIT SHOP DRAWINGS OF REINFORCING STEEL FOR REVIEW BY THE ARCHITECT AND STRUCTURAL ENGINEER PRIOR TO FABRICATION.

GROUT AND EPOXY ADHESIVES
NON-SHRINK GROUT: "MASTERFLOW 928" AS MANUFACTURED BY BASF BUILDING SYSTEMS OR APPROVED EQUIVALENT.
EPOXY ADHESIVES:
* FOR INSTALLATION IN CONCRETE: SIMPSON "SET-XP" (ESR-2508)

SPECIAL STRUCTURAL INSPECTIONS
THE OWNER SHALL EMPLOY A SPECIAL INSPECTION SERVICE TO PERFORM INSPECTIONS IN ACCORDANCE WITH CHAPTER 17 OF THE 2012 INTERNATIONAL BUILDING CODE. INSPECTION REPORTS FOR THE ITEMS LISTED IN THE "SPECIAL INSPECTION SCHEDULE" SHALL BE FURNISHED TO THE STRUCTURAL ENGINEER OF RECORD IN A TIMELY MANNER. INSPECTION REPORTS SHALL INDICATE THAT WORK INSPECTED WAS DONE IN CONFORMANCE TO APPROVED CONSTRUCTION DOCUMENTS. DISCREPANCIES THAT ARE NOT CORRECTED SHALL BE BROUGHT TO THE ATTENTION OF THE STRUCTURAL ENGINEER OF RECORD PRIOR TO THE COMPLETION OF THAT PHASE OF THE WORK. A FINAL REPORT DOCUMENTING THE REQUIRED SPECIAL INSPECTIONS AND CORRECTION OF ANY DISCREPANCIES NOTED IN THE INSPECTIONS SHALL BE SUBMITTED TO THE OWNER AND STRUCTURAL ENGINEER OF RECORD.



TENNIS COURT LAYOUT AND DETAILS

1"=20 FT

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STRUCTURAL CONSULTANTS
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ahj@ahjengineers.com www.ahjengineers.com

PROFESSIONAL ENGINEER REGISTERED 8454 6/30/2020 DAVID W. HAJDUK

REVISIONS

REPLACE TENNIS COURTS
WEST ADA SCHOOL DISTRICT
MOUNTAIN VIEW HIGH SCHOOL
MERIDIAN, ID

JOB NO.	20064.00
DATE:	05.06.2020
DRN. BY:	G.V.
CHKD. BY:	D.H.

S1.0

TENNIS COURT LAYOUT AND DETAILS