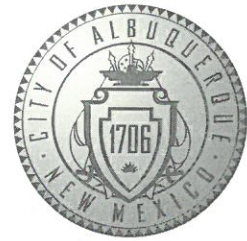


CITY OF ALBUQUERQUE



July 31, 2018

J. Graeme Means, PE
High Mesa Consulting Group
6010 -B Midway Park Blvd NE
Albuquerque, NM 87109

Re: La Cueva Gym
7801 Wilshire Ave NE – 2018-06680
Request Permanent C.O. - Accepted
Engineer's Stamp dated: 11/19/2015 (C19D004)
Certification dated: 7-30-18

Dear Mr. Means,

PO Box 1293

Based on the Certification received 7/30/2018, the site is acceptable for release of Certificate of Occupancy by Hydrology.

Albuquerque

If you have any questions, you can contact me at 924-3986 or Totten Elliott at 924-3982.

NM 87103

Sincerely,

www.cabq.gov

James D. Hughes, P.E.
Principal Engineer, Planning Dept.
Development and Review Services

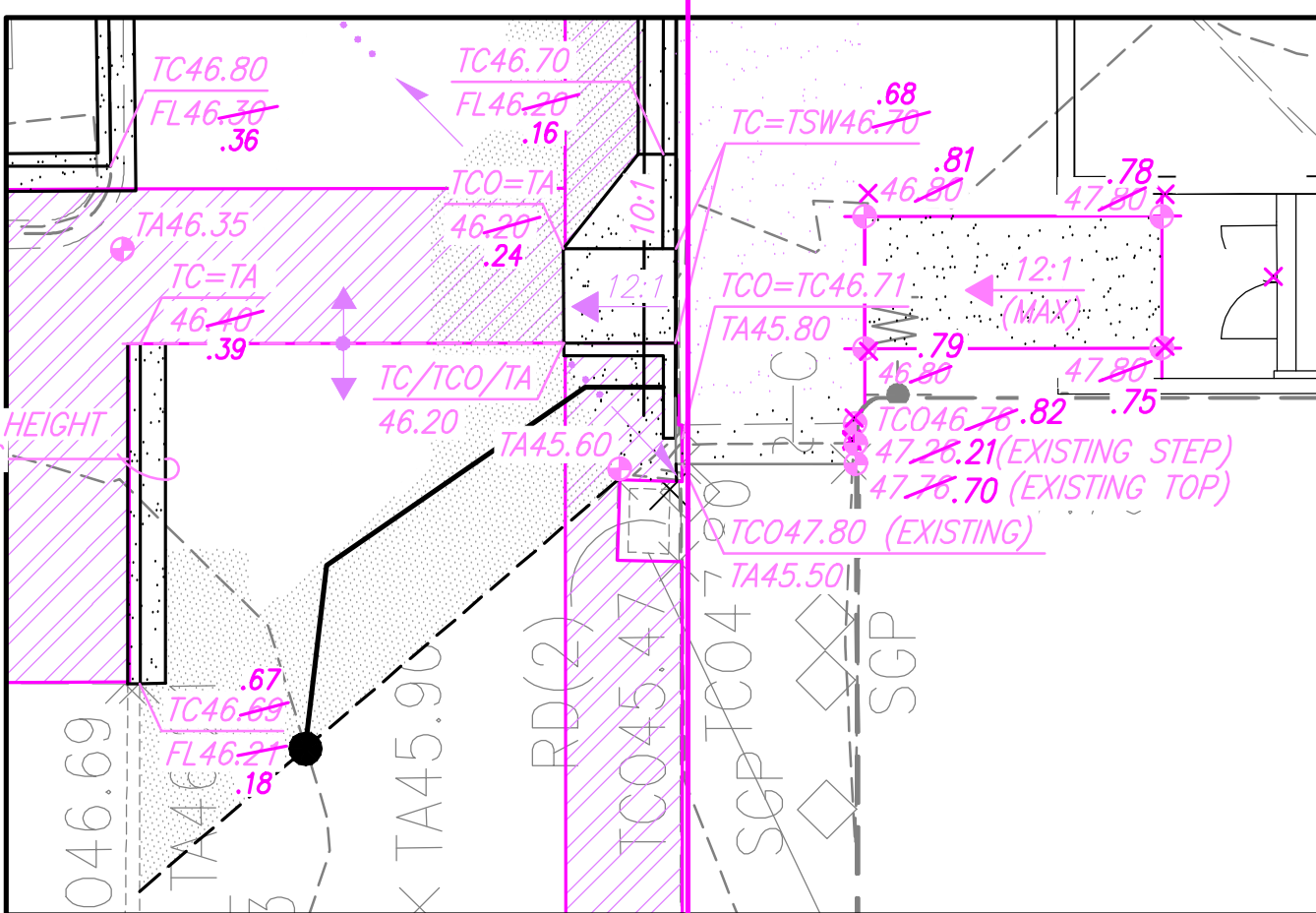
TE/JH

C: email,

Serna, Yvette M.; Fox, Debi; Tena, Victoria C.; Sandoval,
Darlene M.

SURVEY NOTE
THIS IS NOT A BOUNDARY SURVEY; DATA IS SHOWN FOR ORIENTATION ONLY. THE BOUNDARY INFORMATION DEPICTED BY THIS PLAN IS BASED UPON AN UNRECORDED BOUNDARY SURVEY PREPARED BY HIGH MESA CONSULTING GROUP, NMPS 11184, DATED 07-22-2014 (2013.186.1). EXCEPT AS NOTED OTHERWISE THE TOPOGRAPHIC INFORMATION DEPICTED HEREON IS BASED UPON THE "PARTIAL TOPOGRAPHIC AND UTILITY SURVEY" PREPARED BY HIGH MESA CONSULTING GROUP, NMPS NO. 11184, DATED 07-22-2014 (2013.186.1).

RAMP AREA GRADING DETAIL



- RECORD DRAWING LEGEND**
- | CONSTRUCT | RECORD INFORMATION (VERIFIED BY ENGINEER) |
|-----------|--|
| ✓ | AS-CONSTRUCTED = AS-DESIGNED (VERIFIED BY AS-BUILT SURVEY) |
| 36" 42" | RECORD INFORMATION FROM AS-BUILT SURVEY |
| +25.2 | RECORD INFORMATION FROM AS-BUILT SURVEY |
| 28.95 92 | RECORD INFORMATION FROM AS-BUILT SURVEY |

RCP STORM DRAIN NOTES:

1. ALL STORM DRAIN TO BE CLASS III REINFORCED CONCRETE PIPE (RCP) UNLESS OTHERWISE NOTED.
2. ALL MANHOLES SHALL BE 6" DIAMETER TYPE "C" PER CITY OF ALBUQUERQUE STANDARD DRAWING 2101 UNLESS OTHERWISE NOTED.
3. ALL STATIONING SHOWN HEREON IS BASED ON CONSTRUCTION BASELINE UNLESS OTHERWISE NOTED. SLOPES ARE BASED ON TRUE LENGTH OF PIPE.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING APPROPRIATE MEANS AND METHODS TO EXCAVATE AND INSTALL PIPE SO AS TO NOT INTERFERE WITH OTHER UTILITIES. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING. THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, SUPPORTING AND REPLACING, IF DAMAGED, ALL OTHER UTILITIES ENCOUNTERED DURING CONSTRUCTION. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
6. RCP SHALL BE INSTALLED SO THAT THE JOINT GAP AT THE HOME POSITION SHALL CONFORM TO THE APPROVED MANUFACTURER'S RECOMMENDATIONS. MANUFACTURER'S RECOMMENDED JOINT GAP TOLERANCES FOR EACH PIPE SIZE AND TYPE SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO PLACEMENT OF PIPE. RCP JOINTS SHALL NOT BE GROUTED UNLESS DIRECTED BY THE ENGINEER AFTER APPROVAL.

HDPE PIPE CONSTRUCTION NOTES:

1. HDPE PIPE AND FITTINGS SHALL MEET THE REQUIREMENTS OF AASHTO M 294 TYPE S FOR HDPE STORM DRAIN SYSTEMS.
2. JOINTS SHALL BE WATER-TIGHT IN ACCORDANCE WITH THE REQUIREMENTS OF ASTM D3312. THE SPIGOTS SHALL HAVE O-RING GASKETS MEETING THE REQUIREMENTS OF ASTM F 477.
3. THE CONTRACTOR'S PROJECT SUPERINTENDENT AND FOREMAN OF THE PIPE-LAYING CREW SHALL SUBMIT TO THE OWNER A CERTIFICATE INDICATING COMPLETION OF AN ON-LINE TRAINING PROGRAM OFFERED BY ADS (ADS-PIPE.COM) OR OTHER MANUFACTURER AS APPROVED BY THE OWNER.
4. INSTALLATION SHALL BE IN ACCORDANCE WITH THE PIPE MANUFACTURER'S RECOMMENDATIONS.
5. ALL EXCAVATION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 701 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS.
6. THE PIPE SHALL BE BEDDED IN A FOUNDATION OF COMPACTED GRANULAR MATERIAL THAT IS FREE OF ORGANIC MATTER, CLAY LUMPS, AND OTHER DELETERIOUS MATTER. THIS MATERIAL SHALL EXTEND A MINIMUM OF 6 INCHES BELOW THE OUTERMOST CORRUGATIONS AND BE USED FOR BACKFILL UP TO A MINIMUM OF 1 FOOT ABOVE THE TOP OF PIPE. UNTIL A MINIMUM COVER OF 1 FOOT IS ATTAINED, ONLY HAND OPERATED TAMPING EQUIPMENT MAY BE USED IN THE TRENCH PRIOR TO THE PIPE.
7. CONCRETE STRUCTURE CONNECTIONS FOR HDPE PIPE WILL REQUIRE THE USE OF A WATER STOP THAT MEETS THE PHYSICAL PROPERTIES OF ASTM C923. INSTALLATION SHALL BE PER MANUFACTURER'S SPECIFICATIONS.
8. NEW HDPE LINE INSTALLATIONS SHALL INCLUDE INSULATED 12 GAUGE COPPER TRACER WIRE INSTALLED CONTINUOUSLY ALONG THE PIPE WITH WATER-PROOF SPLICE BOXES AT JUNCTIONS AND TEES. TRACER WIRE INSTALLATION SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.

CONSTRUCTION NOTES:

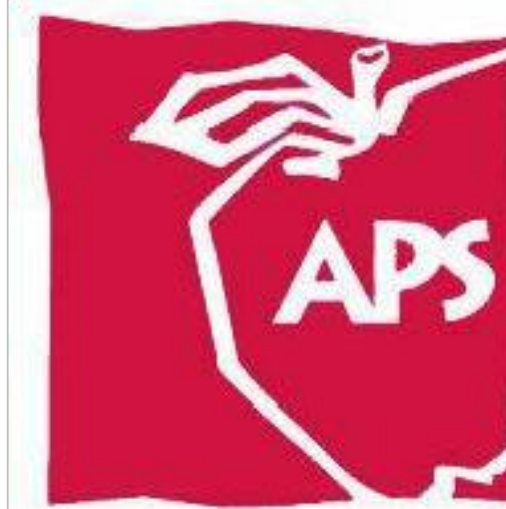
1. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM, 811, FOR DESIGNATION (LINE-SPOTTING) OF EXISTING PUBLIC UTILITIES AND EXISTING UTILITIES OWNED AND OPERATED BY ALBUQUERQUE PUBLIC SCHOOLS.
2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL INTERPRETATIONS IT MAKES WITHOUT FIRST CONTACTING THE ENGINEER AS REQUIRED ABOVE.
3. WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
4. ALL CONSTRUCTION WITHIN PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY OF ALBUQUERQUE STANDARDS AND PROCEDURES.
5. UTILITY INFORMATION SHOWN HEREON IS BASED UPON ON-SITE SURFACE EVIDENCE, AERIAL PHOTOGRAPHS, AND UTILITY LINE-SPOTS PROVIDED BY ONPOINT UTILITY LOCATING SERVICES, SITE UTILITY DIAGRAM (PRIVATE) DATED JUNE 18, 2014. IN ADDITION, UTILITY LINE-SPOTS WERE REQUESTED VIA THE NEW MEXICO ONE CALL SERVICE (TICKET # 2014232922). UTILITY LINES SHOWN ON THIS DRAWING ARE SHOWN IN AN APPROXIMATE MANNER ONLY AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE SURVEYOR HAS CONDUCTED ONLY PRELIMINARY INVESTIGATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THIS INVESTIGATION IS NOT CONCLUSIVE, AND MAY NOT BE COMPLETE. THEREFORE, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY TO THE PROPERTY OWNER, DEVELOPER, OR CONTRACTOR FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITY LINES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.
6. THE DESIGN OF PLANTERS AND LANDSCAPED AREAS IS NOT PART OF THIS PLAN. ALL PLANTERS AND LANDSCAPED AREAS ADJACENT TO THE BUILDING(S) SHALL BE PROVIDED WITH POSITIVE DRAINAGE TO AVOID ANY PONDING ADJACENT TO THE STRUCTURE. FOR CONSTRUCTION DETAILS, REFER TO LANDSCAPING PLAN.

EROSION CONTROL MEASURES:

1. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC RIGHT-OF-WAY OR ONTO PRIVATE PROPERTY.
2. THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET.
3. WHEN APPLICABLE, CONTRACTOR SHALL SECURE "TOPSOIL DISTURBANCE PERMIT" FROM THE CITY AND/OR FILE A NOTICE OF INTENT (N.O.I.) WITH THE EPA PRIOR TO BEGINNING CONSTRUCTION.

KEYED NOTES:

1. CONSTRUCT TYPE "A" INLET PER STD DWG 2201, SHEET CG-501
 2. CONSTRUCT TYPE "D" INLET PER STD DWG 2206, SHEET CG-501
 3. CONSTRUCT 24" 24" STORM INLET WITH ADA COMPLIANT GRATE, PER TYPICAL SECTION SHEET, CG-501
 4. CONSTRUCT SDMH PER STD DWG'S 2101 AND 2102, SHEET CG-502 WITH VENTED COVER
 5. INSTALL 24" HDPE (SMOOTH INTERIOR) STORM DRAIN @ S=0.0100
 6. INSTALL 24" RCP (CLASS III) STORM DRAIN @ S=0.0100
 7. INSTALL 6" HDPE (SMOOTH INTERIOR) STORM DRAIN
 8. INSTALL 12" HDPE (SMOOTH INTERIOR) STORM DRAIN
 9. INSTALL 18" HDPE (SMOOTH INTERIOR) STORM DRAIN
 10. CONNECT TO ROOF DRAIN. REFER TO PLUMBING PLANS FOR CONTINUATION. INSTALL TRACER WIRE PER STD DWG 2201
 11. INSTALL 6"x6" HDPE WYE
 12. CONSTRUCT NEW STORM INLET CONNECTION TO EXISTING INLET CORE DRILL 12" OPENING AND INSERT NEW PIPE WITH WATER STOP AND GROUT OPENING
 13. NEATLY SAWCUT, REMOVE, AND REPLACE ASPHALT PAVEMENT PER UTILITY PAVING CODE SECTION 0505
 14. CONSTRUCT NEW STORM DRAIN CONNECTION TO EXISTING MANHOLE CORE DRILL 30" OPENING AND INSERT NEW PIPE WITH WATER STOP AND GROUT OPENING
 15. CURB OPENING FOR RUNOFF TO ENTER ISLAND
 16. DEPRESS LANDSCAPING FOR WATER RETENTION
 17. INSTALL 18" HDPE (SMOOTH INTERIOR) STORM DRAIN
 18. INSTALL 18" HDPE WYE WITH CLEANOUT AND COLLAR PER TYPICAL SECTION, SHEET CG-501
 19. INSTALL 18" HDPE REDUCER
 20. NEATLY SAWCUT, REMOVE, AND REPLACE ASPHALT PAVEMENT PER UTILITY PAVING CODE SECTION 0505
- NOTE:**
FOR IMPROVEMENTS AND DETAILED GRADING IN EXTERIOR YARD SEE LANDSCAPING PLANS, SHEET 101-101.1. GRADING AT ALL AREAS INDICATED AS "LANDSCAPING, GRAVEL, OR AS CRUSHER FINES" SHALL BE MINUS 4" BELOW GRADES INDICATED. GRADING AT AREAS INDICATED AS ARTIFICIAL TURF SHALL BE MINUS 6" BELOW GRADES INDICATED.



RMKM

RMKM ARCHITECTURE, P.C.
400 GOLD AVE SW STUDIO 1100 ALBUQUERQUE, NM 87102 505.243.5454

HIGH MESA Consulting Group

6010-B MIDWAY PARK BLVD. NE • ALBUQUERQUE, NEW MEXICO 87109
PHONE: 505.345.4250 • FAX: 505.345.4254 • www.higmesacog.com

ENGINEER'S CERTIFICATION FOR PERMANENT C.O.

I, J. GRAEME MEANS, NMPE 13676, OF THE FIRM HIGH MESA CONSULTING GROUP HEREBY CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED, GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 07/01/2016.

THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT WAS OBTAINED 06-19-18 BY HIGH MESA CONSULTING GROUP UNDER THE DIRECTION OF CHARLES C. CALA, JR., NMPS 11184, AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECTS OF THIS PROJECT. THIS CERTIFICATION DOES NOT ADDRESS ADA COMPLIANCE WHICH IS BEYOND THE SCOPE OF GRADING AND DRAINAGE. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE. ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

J. Graeme Means
J. GRAEME MEANS, NMPE NO. 13676
7/30/18

RECORD DRAWING FOR CERTIFICATION, SEE SHEET C-001

- 06/29 AS-BUILT & CERTIFY G.M.
- 07/01 RUC ADDENDUM #4
- 06/28 RUC ADDENDUM #4

APS LA CUEVA ISP & WEIGHT ROOM - RENOVATIONS & ADDITIONS

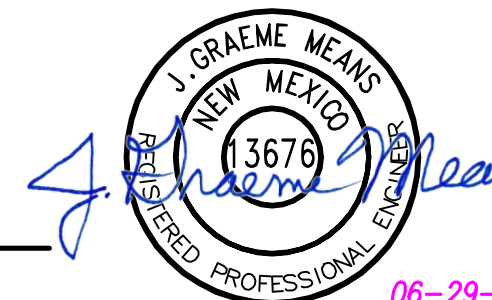
7801 WILSHIRE AVE NE ALBUQUERQUE, NM 87122

SHEET TITLE
GRADING PLAN ISP ADDITION

100% CONSTRUCTION DOCUMENTS

SHEET NUMBER
CG-101-A

SCALE
NORTH PROJECT NO.
DRAWING FILE NO.
DATE
PROJECT MANAGER
DRAWN BY



06-29-2018
06-28-2016
07-01-2016
7/30/18
2017.182.4
2014.017.1