

RECORD DRAWING

2015.184.9 2014.006.1

WATER AND SANITARY SEWER SITE PLAN

WATER AND SANITARY SEWER SECTIONS & DETAILS

CU-501

BENCHMARKS

PROJECT BENCHMARK

AN A.G.R.S. BRASS DISK STAMPED "18-J11", SET FLUSH IN THE SIDEWALK. LOCATED IN THE NORTHEAST QUADRANT OF THE INTERSECTION OF COORS ROAD AND GLENRIO ROAD. ELEVATION = 5099.609 FEET (NAVD 1988)

LEGAL DESCRIPTION

TRACTS 166 THROUGH 172, INCLUSIVE, TOWN OF ATRISCO GRANT, AIRPORT UNIT, ALBUQUERQUE, NEW MEXICO.

EXISTING EASEMENTS

- 1) 7' PNM AND MST&T EASEMENT GRANTED BY DOCUMENT EXECUTED 09-08-1965
- 2 5' PNM AND MST&T EASEMENT GRANTED BY DOCUMENT EXECUTED 09-08-1965
- 3 5' PNM AND MST&T EASEMENT GRANTED BY DOCUMENT EXECUTED 04-07-1969
- (4) ABCWUA PUBLIC WATER LINE EASEMENT FOR WATER METERS GRANTED BY DOCUMENT FILED 07-20-2010, DOC. #2010072287
- 5 5' PNM AND MST&T EASEMENT DEPICTED BY DOCUMENT EXECUTED 04-07-1969

CONSTRUCTION NOTES:

- 1. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (NM 811) FOR DESIGNATION (LINE-SPOTTING) OF EXISTING PUBLIC UTILITIES AND EXISTING PRIVATE 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. ALL 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. IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY 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. MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. ENGINEER HAS CONDUCTED ONLY PRELIMINARY INVESTIGATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES. OR UNDERGROUND UTILITY LINES. THIS INVESTIGATION NOT CONCLUSIVE, AND MAY NOT BE COMPLETE, THEREFORE, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, 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.
- 7. REFER TO SHEETS A-001 AND A-002 FOR DEMOLITION PLANS. 8. REFER TO SHEETS A-101 TO A-107 FOR SITE PLAN AND LAYOUT.

EROSION CONTROL MEASURES:

- THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC RIGHT-OF-WAY OR ONTO PRIVATE PROPERTY.
 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. CONTRACTOR SHALL, ON BEHALF OF THEMSELVES AND THE OWNER, SECURE "TOPSOIL DISTURBANCE PERMIT" FROM THE CITY AND FILE A NOTICE OF INTENT (N.O.I.) WITH THE EPA PRIOR TO BEGINNING CONSTRUCTION.

GENERAL NOTES:

- 1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1987, PUBLISHED BY THE NEW MEXICO CHAPTER AMERICAN PUBLIC WORKS ASSOCIATION. (REVISED
- 2. 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.
- IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS. THEY 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 ENGINEER 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 THEREFORE. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES MUNICIPAL AND LOCAL ORDINANCES. RULES AND REGULATIONS. IF ANY. PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.
- 4. SHOULD A CONFLICT EXIST BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY FOR ALL PARTIES.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION.
- 6. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING SAFETY AND HEALTH.

SUSCEPTIBLE TO BEING WASHED DOWN THE STREET.

- THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC RIGHT—OF—WAY OR ONTO PRIVATE PROPERTY.
 THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT—OF—WAY SO THAT THE EXCAVATED MATERIAL IS NOT
- 9. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO ENSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE ENGINEER. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED.
- 10. ALL PAVEMENT MARKINGS AND TRAFFIC SIGNS SHALL COMPLY WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) PUBLISHED BY THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION, LATEST EDITION.
- 11. IF THE REMOVAL OF EXISTING CURB AND GUTTER, SIDEWALK, AND/OR PAVING IS REQUIRED, THE CONTRACTOR SHALL SAWCUT AND/OR REMOVE TO THE NEAREST JOINT. WHEN ABUTTING NEW PAVEMENT TO EXISTING, THE CONTRACTOR SHALL CUT BACK THE EXISTING PAVING TO A STRAIGHT LINE IN ORDER TO REMOVE ANY BROKEN OR CRACKED PAVEMENT. CURB AND GUTTER AND/OR PAVEMENT SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT AND WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
- 12. A DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL (CONTAMINATED OR OTHERWISE), ASPHALTIC PAVING, CONCRETE PAVING, ETC. SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE REGULATIONS. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND IN HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT SHALL BE MADE.
- 13. A BORROW SITE FOR IMPORT MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE REGULATIONS. ALL COSTS INCURRED IN OBTAINING A BORROW SITE AND IN HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT SHALL BE MADE.
- 14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SAFELY OBTAINING THE REQUIRED COMPACTION. THE CONTRACTOR SHALL SELECT AND USE METHODS WHICH SHALL NOT BE INJURIOUS OR DAMAGING TO THE EXISTING FACILITIES AND STRUCTURES WHICH SURROUND THE WORK AREAS.
- 15. THE CONTRACTOR SHALL CONFINE HIS WORK WITHIN THE CONSTRUCTION LIMITS IN ORDER TO PRESERVE THE EXISTING IMPROVEMENTS AND SO AS NOT TO INTERFERE WITH THE OPERATIONS OF THE EXISTING FACILITIES.
 16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING APPROPRIATE MEANS
- 16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING APPROPRIATE MEAN
 AND METHODS TO EXCAVATE AND TRENCH AND/OR INSTALL PIPE SO AS TO
 NOT EXCEED RIGHT-OF-WAY OR EASEMENT LIMITS, AND SO AS NOT TO
 INTERFERE WITH OTHER UTILITIES OR IMPROVEMENTS. THIS SHALL BE
 CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE
 PAYMENT WILL BE MADE.
- 17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, SUPPORTING AND REPLACING, IF DAMAGED, ALL UTILITIES ENCOUNTERED DURING CONSTRUCTION. THIS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
- 18. ALL DIMENSIONS AND RADII OF CURB, CURB RETURNS, AND WALLS ARE SHOWN TO THE FACE OF CURB AND/OR WALL.
- THAT LAYOUT CAN BE VERIFIED.

 20. 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

19. THE CONTRACTOR SHALL NOTIFY THE OWNER 48 HOURS PRIOR TO STRIPING SO

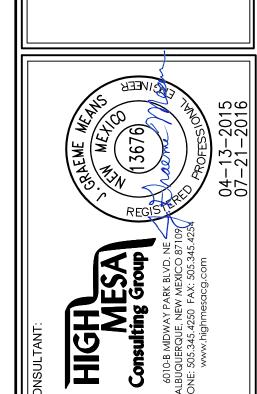
REQUIRED ABOVE.

21. CONTRACTOR SHALL SECURE, ON BEHALF OF THE OWNER AND OPERATORS,
"TOPSOIL DISTURBANCE PERMIT" FROM THE CITY AND FILE A NOTICE OF INTENT

INTERPRETATIONS IT MAKES WITHOUT FIRST CONTACTING THE ENGINEER AS

- (N.O.I.) WITH THE EPA PRIOR TO BEGINNING CONSTRUCTION.
 22. ALL FILL SHALL BE CLEAN, FREE FROM VEGETATION, DEBRIS, AND OTHER DELETERIOUS MATERIALS, AND SHALL NOT BE CONTAMINATED WITH HYDROCARBONS OR OTHER CHEMICAL CONTAMINANTS.
- 23. ALL FILL SHALL BE COMPACTED TO A MINIMUM OF 95% ASTM D-1557 UNLESS A GREATER COMPACTION REQUIREMENT IS OTHERWISE SPECIFIED.
- 24. CAUTION: THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR. ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED—OUT IN ACCORDANCE WITH OSHA 29 CFR 1926, SUBPART P—EXCAVATIONS.





MESA HIGH SCHOO

EW CLASSROOM

BUILDING

6701 FORTUNA RD. NW
ALBUQUERQUE, NM 87121

6 OT/16 RECORD DRAWING AND
CERTIFICATION-PHASE !

PROJECT NO: WMHS
FILE NAME:
DRAWN BY: J.Y.R./S.C.C.
CHECKED BY: G.M.
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DATE: 03-2015

SHEET TITLE:

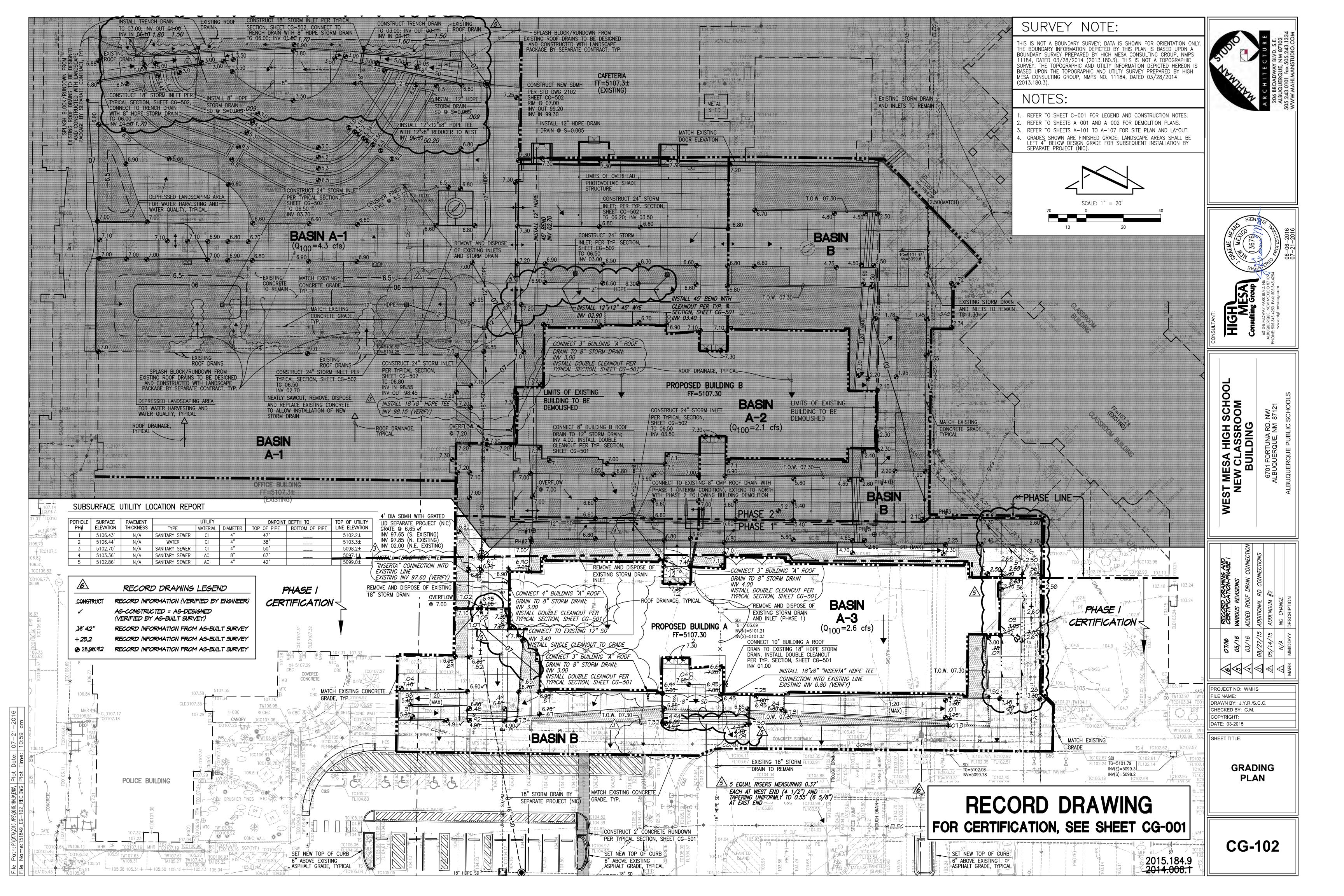
OVERALL DRAINAGE SITE PLAN

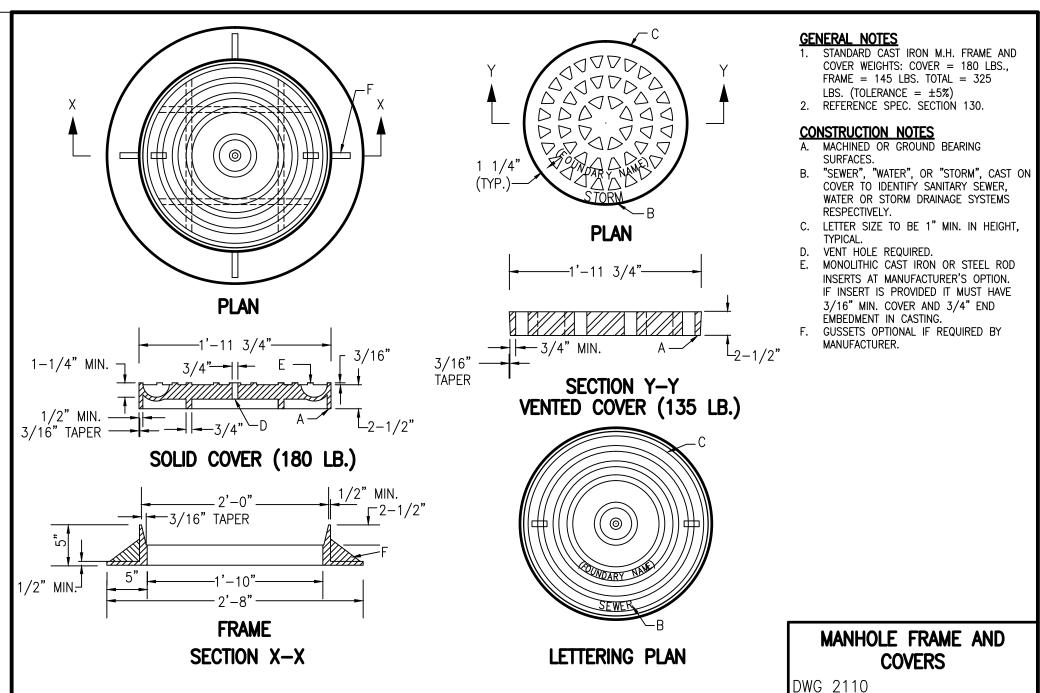
CG-101

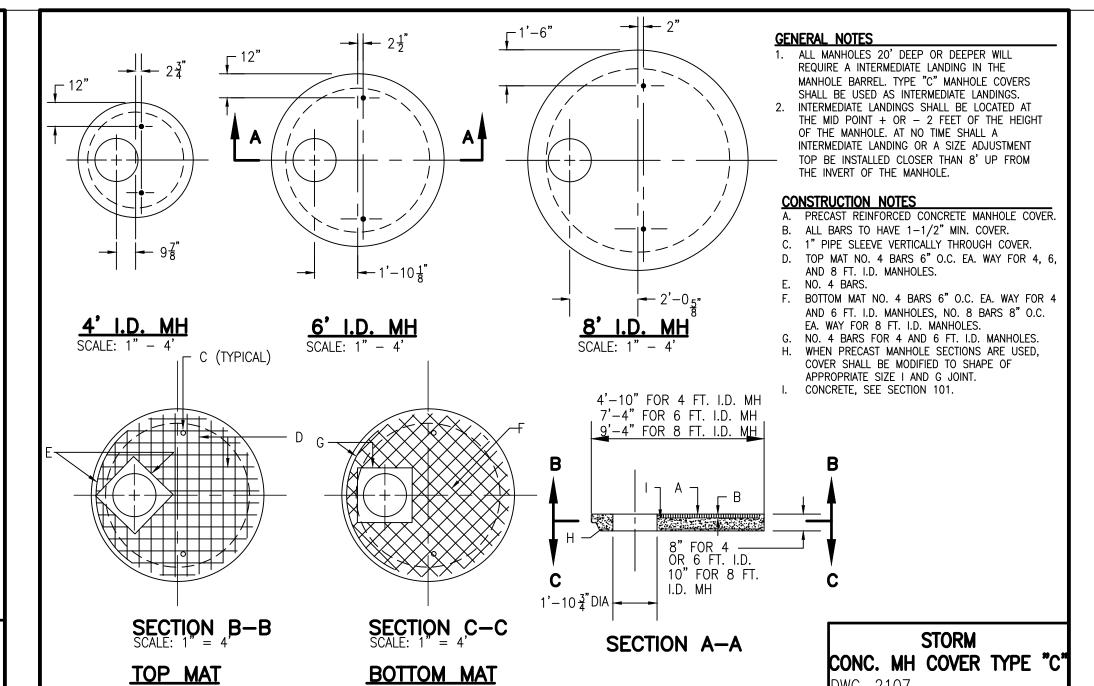
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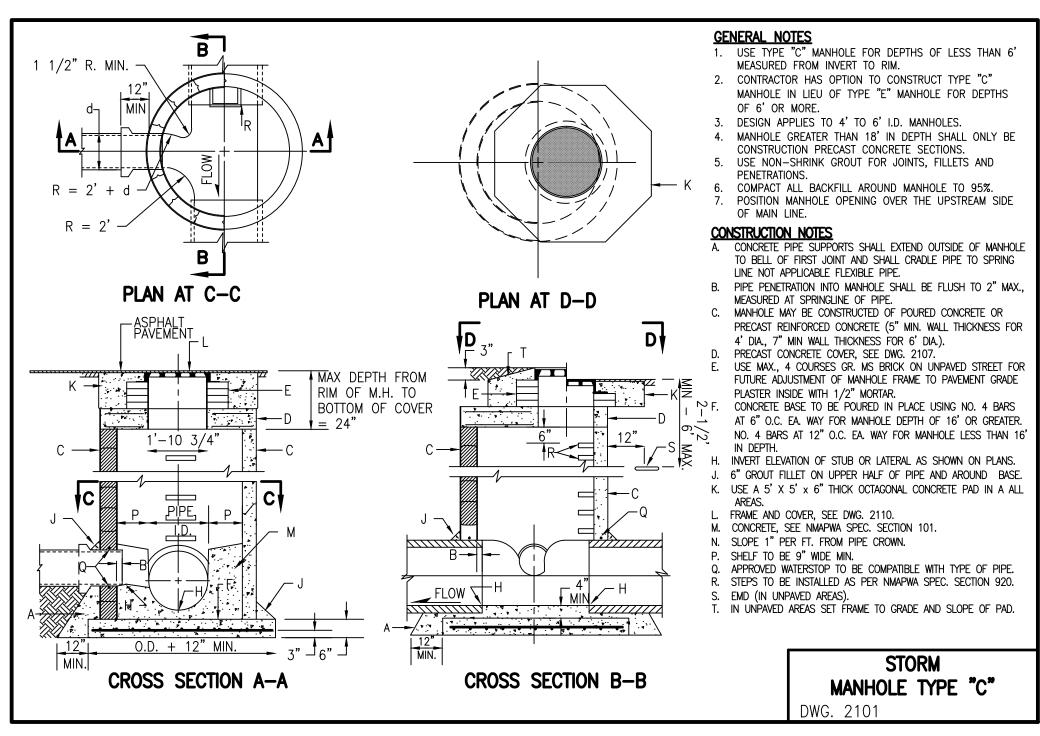
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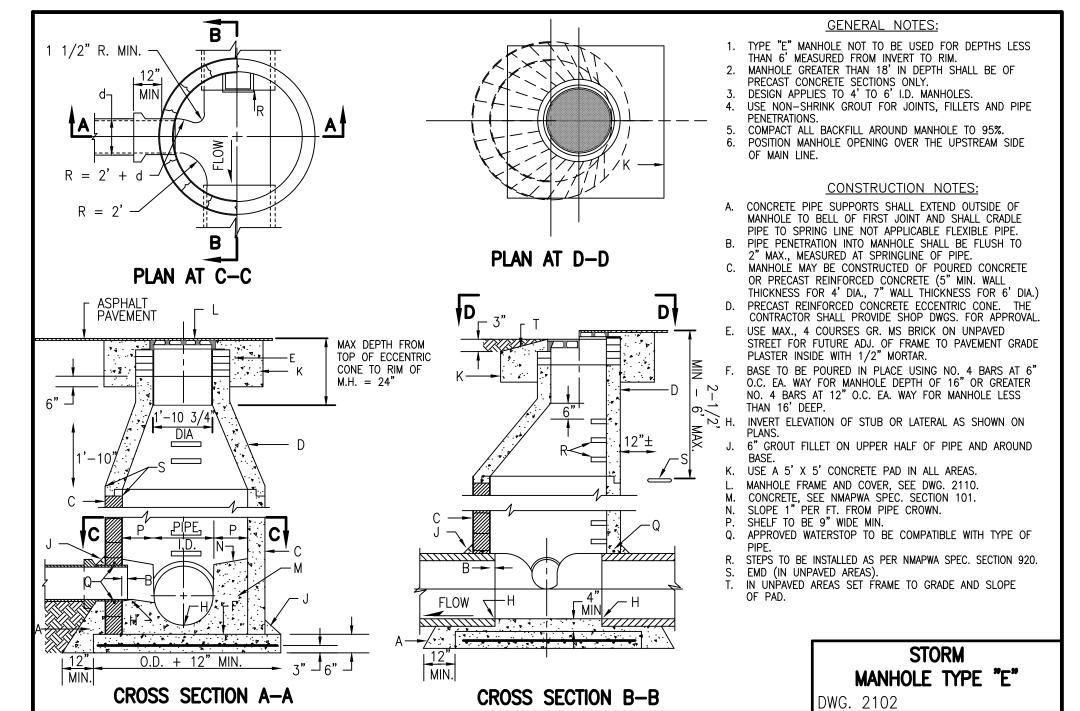
RECORD DRAWING



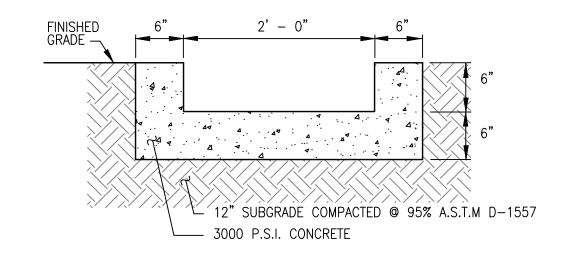






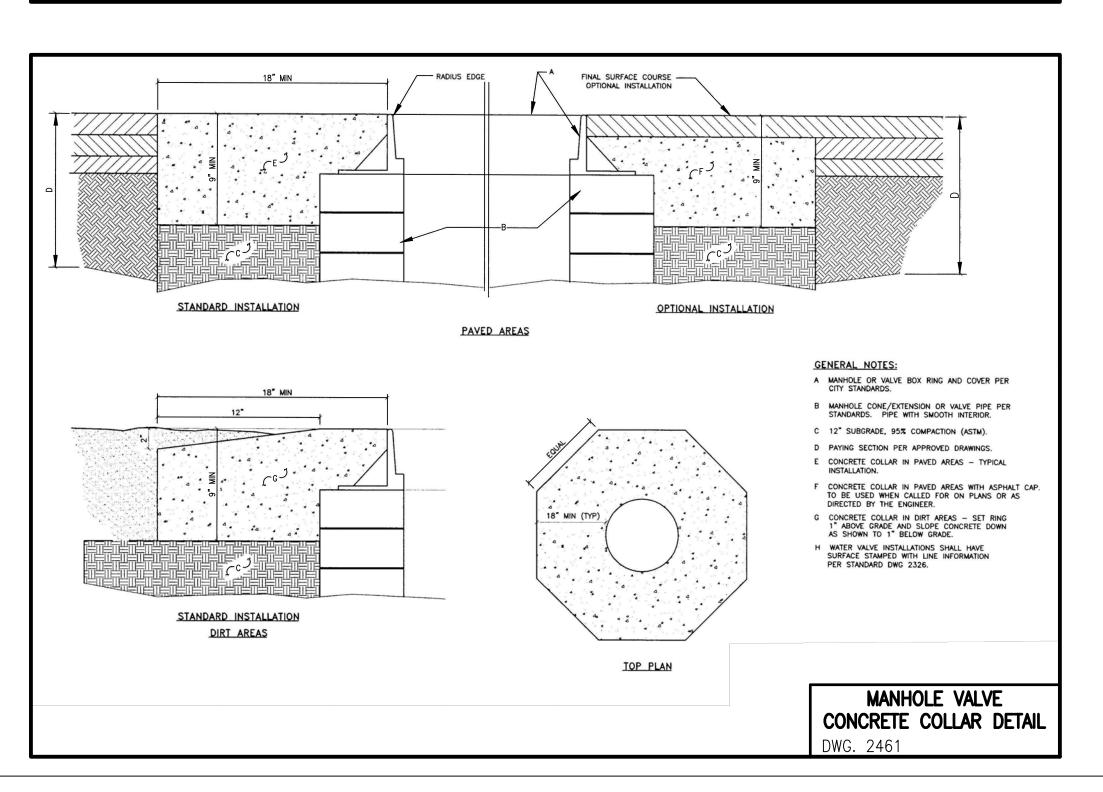


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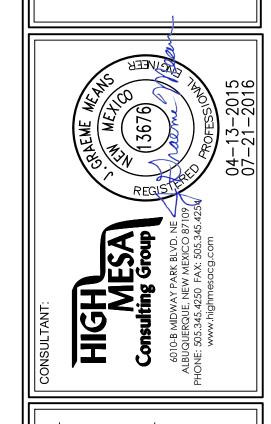


TYPICAL RUNDOWN SECTION

SCALE: 1" = 1'-0"



A R C H I T E C T U R E
206 BROADWAY BLVD. S.E.
ALBUQUERQUE, NM 87102
505.243.0101 fax 505.243.1334



ST MESA HIGH SCHOOL
NEW CLASSROOM
BUILDING

6 OT/16 RECORD DRAWING-PHASE I

PROJECT NO: WMHS

FILE NAME:

DRAWN BY: J.Y.R./S.C.C.

CHECKED BY: G.M.

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DATE: 03-2015

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GRADING DRAINAGE SECTIONS & DETAILS

CG-501

- GRATE SHALL BE 18" x 18" NEENAH R-6672-C WITH TYPE 'Y' FRAME OR

2" CLR., TYP.

TYPICAL 18"X18" STORM INLET SECTION

SCALE: 1" = 1' - 0"

INSTALL 1/2" EXPANSION JOINT WHERE ABUTTING CONCRETE

4 REBAR @ 10" O.C. (TYP.)

FINISHED GRADE—

STORM DRAIN (SIZE AND MATERIAL PER GRADING PLAN)

INVERT AS INDICATED ON GRADING PLAN

RECORD DRAWING

— GRATE SHALL BE 24" x 24"

NEENAH R-4808-A

WITH R-4899 ANGLE FRAME

OR APPROVED SUBSTITUTE

TG @ AS INDICATED ON

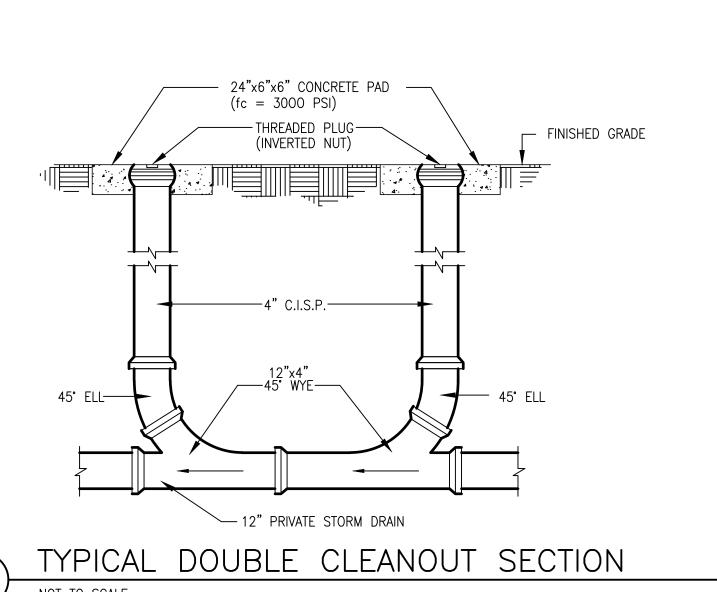
GRADING PLAN FINISHED GRADE -■ INSTALL 1/2" EXPANSION JOINT WHERE ABUTTING CONCRETE 3000 PSI CONCRETE -2" CLR. STORM DRAIN (SIZE AND MATERIAL PER GRADING PLAN) # 4 REBAR @ 10" O.C. (TYP.) INVERT AS
INDICATED ON
GRADING PLAN 12" SUBGRADE COMPACTED TO 95% A.S.T.M. D-1557

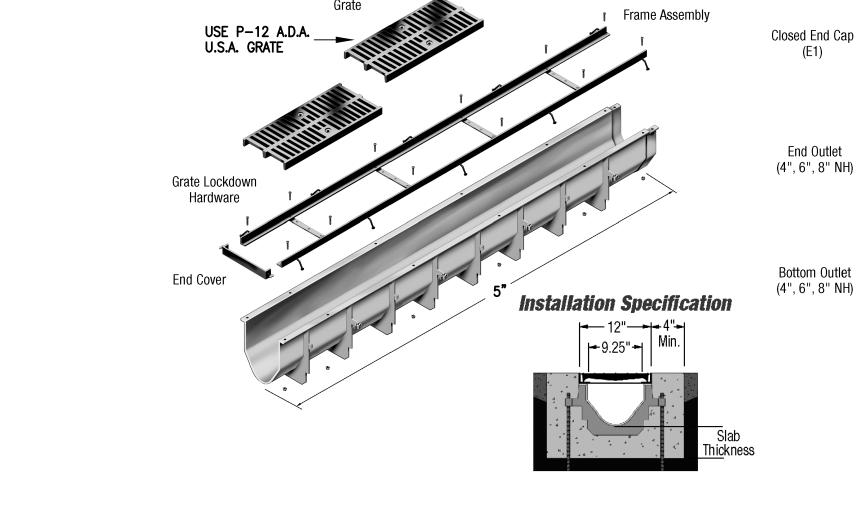
TYPICAL 24"X24" STORM INLET SECTION

CLEANOUT CAP ADJUSTED TO GRADE STAMP CONCRETE TO IDENTIFY TYPE OF LINE "S" FOR SEWER
"D" FOR DRAINAGE 3000 PSI CONCRETE PAD TYPICAL CLEANOUT COLLAR DETAIL

TOP OF CONCRETE COLLAR SHALL BE

STAMPED WITH LINE SIZE AND DIRECTION.
MINIMUM LETTER SIZE SHALL BE 3" IN HEIGHT







__use 8" on Both Ends of Drain PROJECT NO: WMHS FILE NAME:

WEST MESA HIGH SCHOO NEW CLASSROOM BUILDING

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SHEET TITLE:

GRADING DRAINAGE SECTIONS & DETAILS

CG-502

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