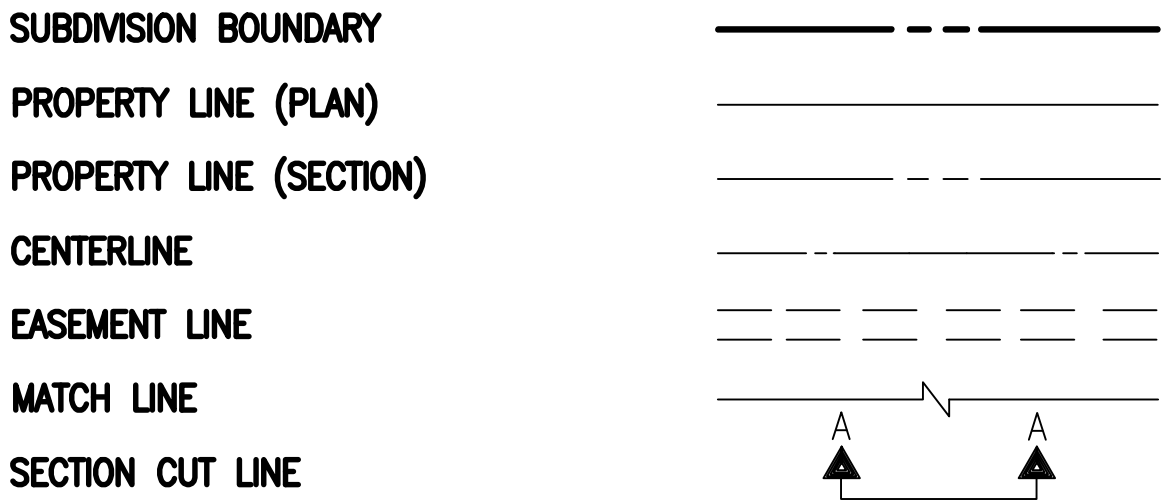


• L E G E N D •

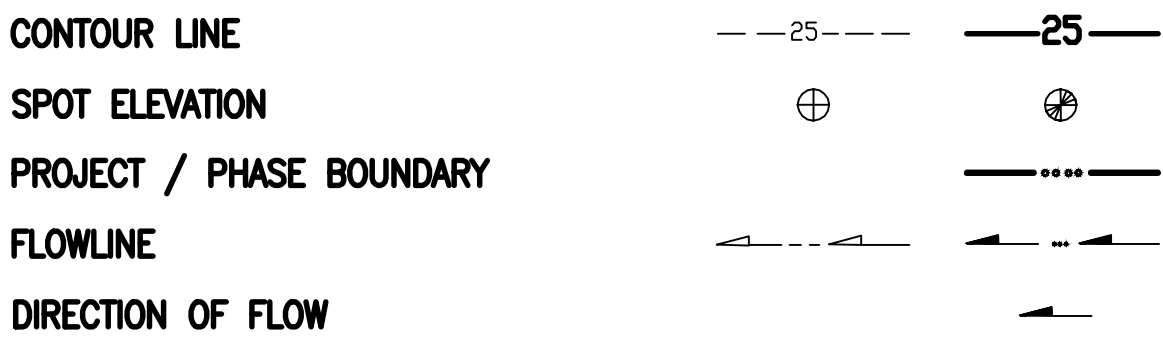
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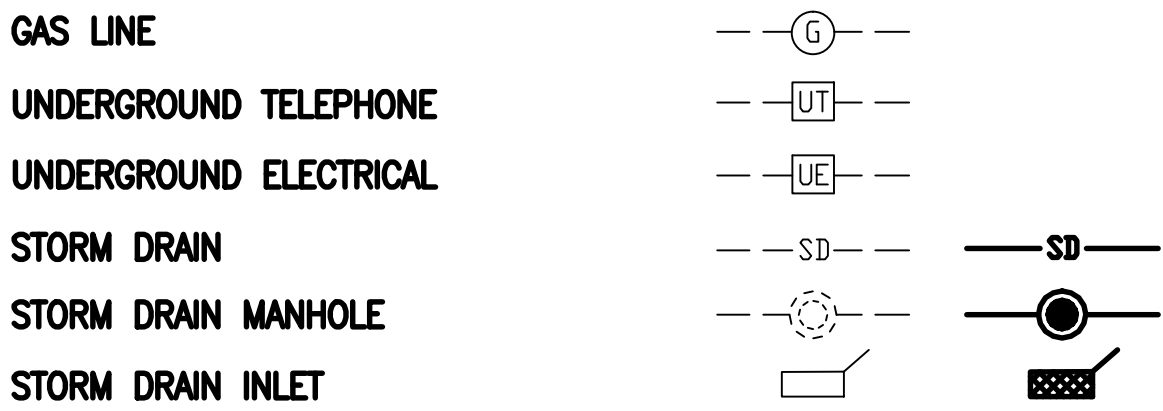
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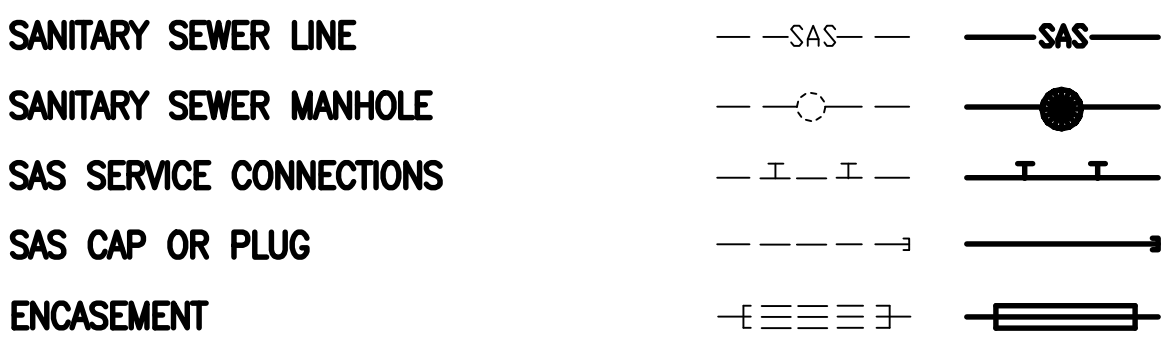
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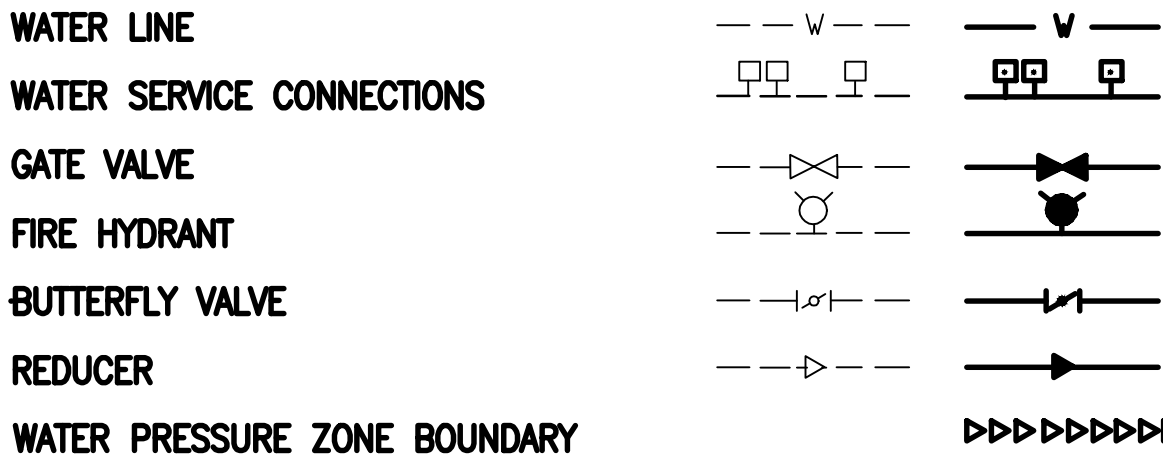
**MISCELLANEOUS UTILITIES**



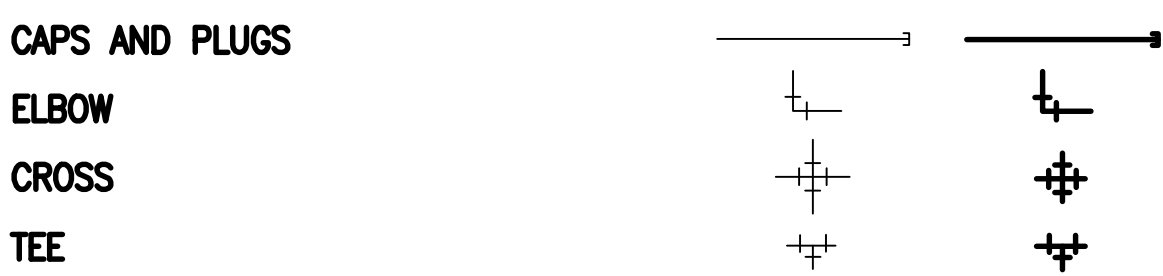
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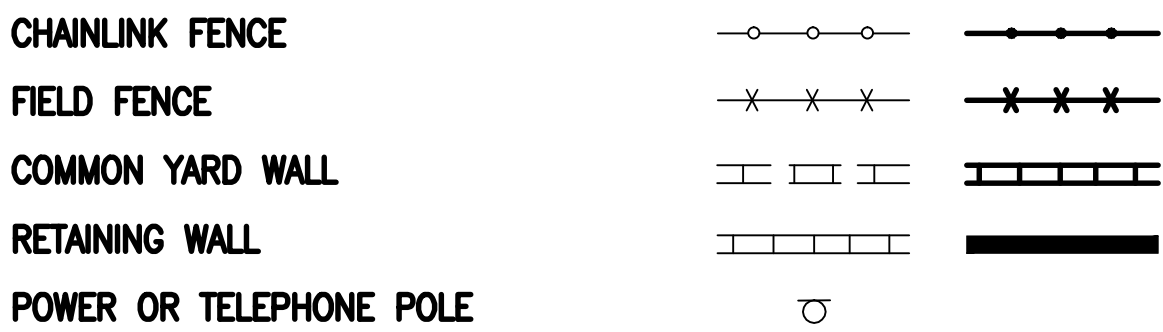
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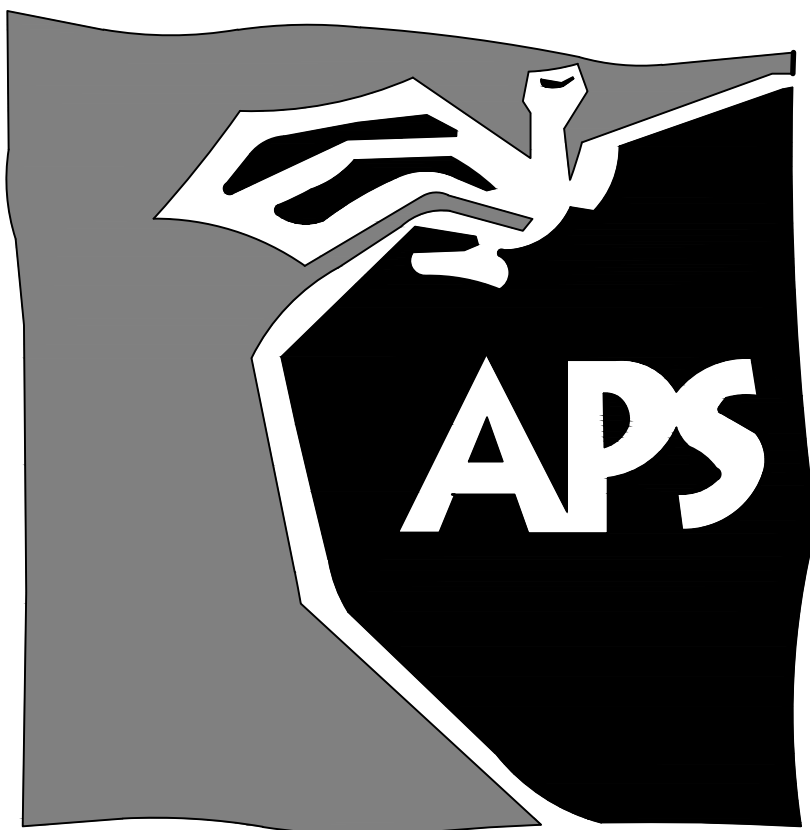
**WATER FITTINGS**



**MISCELLANEOUS**



CONSTRUCTION PLANS  
for  
BUSBAY IMPROVEMENTS  
HIGHLAND HIGH SCHOOL  
4700 COAL AVENUE S.E.  
ALBUQUERQUE, NEW MEXICO  
DECEMBER, 2015

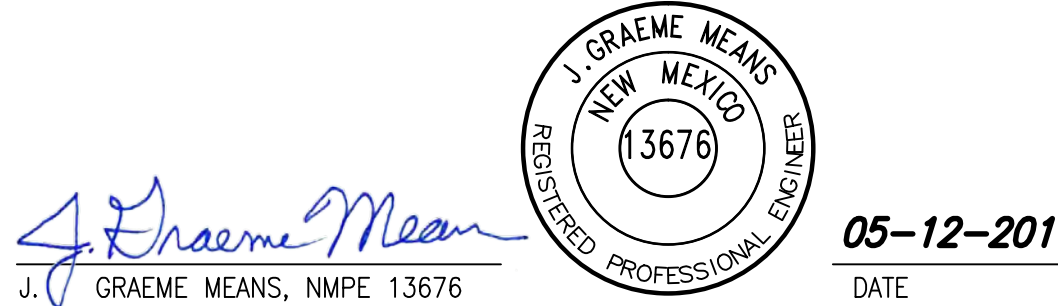


**ENGINEER'S CERTIFICATION**

I, J. GRAEME MEANS, NMPE 13676, OF THE FIRM HIGH MESA CONSULTING GROUP HEREBY CERTIFY THAT THE SITE HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED GRADING PLAN DATED 12/21/2015, REVISED 02/11/2016. THIS SUBMITTAL IS MADE TO DOCUMENT THE AS-CONSTRUCTED CONDITION AND TO SUPPORT PROJECT CLOSEOUT.

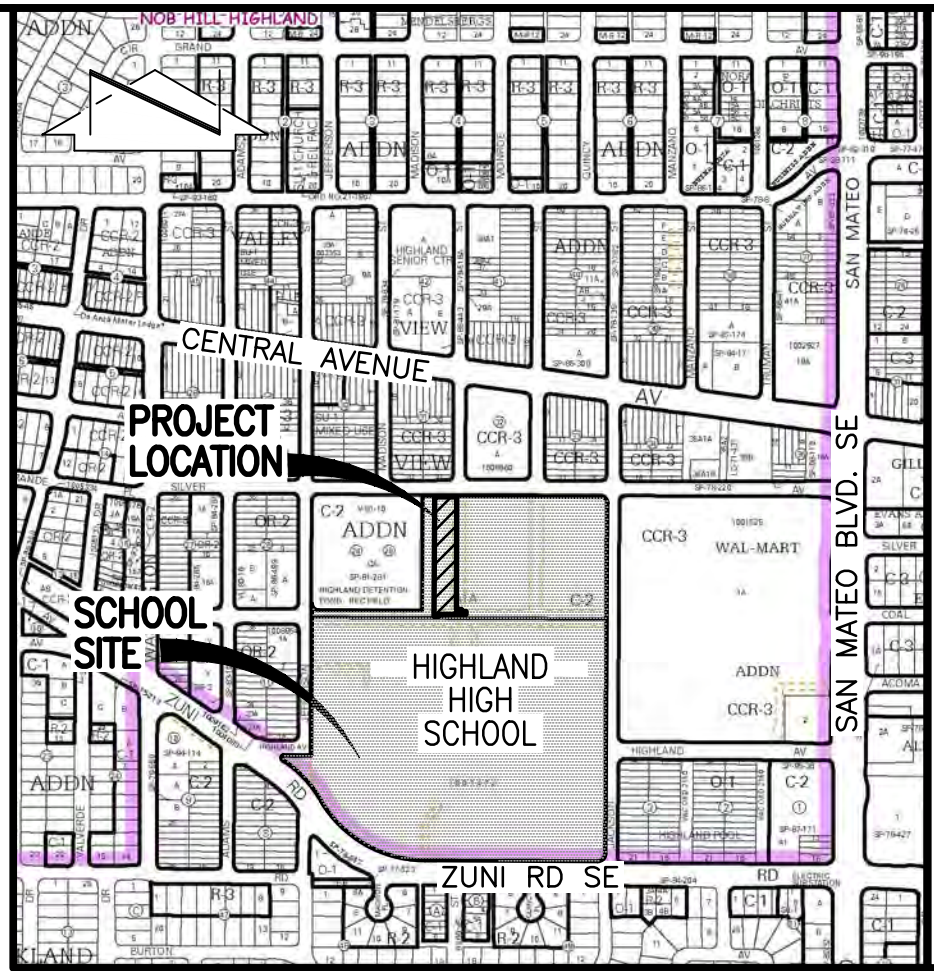
THE RECORD SURVEY INFORMATION EDITED ONTO THE APPROVED PLAN IS FROM A POST-CONSTRUCTION DRAINAGE VERIFICATION SURVEY PROVIDED 5-11-2016 UNDER THE DIRECT SUPERVISION OF CHARLES CALA, NMPS #11184. I FURTHER CERTIFY THAT I PERSONALLY VISITED THE PROJECT SITE 5-09-2016 AND HAVE DETERMINED BY VISUAL INSPECTION THAT THE DATA PROVIDED APPEARS TO BE REPRESENTATIVE OF ACTUAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

THE RECORD INFORMATION PRESENTED HEREIN IS NOT NECESSARILY COMPLETE, AND DOES NOT ADDRESS COMPLIANCE WITH A.D.A. GUIDELINES, AND IS INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THIS PROJECT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.



**INDEX OF DRAWINGS**

SHEET	DESCRIPTION
1	COVER SHEET, VICINITY MAP, GENERAL NOTES, LEGEND AND INDEX OF DRAWINGS
2	OVERALL PLAN
3	DEMOLITION & EROSION AND SEDIMENT CONTROL PLAN
4	SITE PLAN & FIRST FLUSH CALCULATIONS
5	GRADING PLAN
6	SECTIONS AND DETAILS
7	FOUNDATION AND ENLARGED GRADING PLANS
8	SHELTER STRUCTURAL DETAILS - FRAMING AND FOUNDATIONS
9	SHELTER STRUCTURAL DETAILS - ROOFING, MATERIALS LIST AND FOOTING



VICINITY MAP  
SCALE: 1" = 750'±

K-17

**GENERAL NOTES:**

- 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 12/06)
- 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.
- UTILITY INFORMATION SHOWN HEREON IS BASED UPON RECORD DRAWINGS 03-18-2011 (2010.180.3). UTILITY LINES THAT APPEAR ON THESE DRAWINGS 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.
- 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.
- ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING SAFETY AND HEALTH.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING APPROPRIATE MEANS 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.
- 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.
- ALL DIMENSIONS AND RADII OF CURB, CURB RETURNS, AND WALLS ARE SHOWN TO THE FACE OF CURB AND/OR WALL.
- THE CONTRACTOR SHALL NOTIFY THE OWNER 48 HOURS PRIOR TO STRIPING SO THAT LAYOUT CAN BE VERIFIED.
- 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.
- WHEN APPLICABLE, CONTRACTOR SHALL SECURE, ON BEHALF OF THE OWNER AND OPERATORS, "TOPSOIL DISTURBANCE PERMIT" FROM THE CITY AND/OR FILE A NOTICE OF INTENT (N.O.I.) WITH THE EPA PRIOR TO BEGINNING CONSTRUCTION.
- ALL FILL SHALL BE CLEAN, FREE FROM VEGETATION, DEBRIS, AND OTHER DELETERIOUS MATERIALS, AND SHALL NOT BE CONTAMINATED WITH HYDROCARBONS OR OTHER CHEMICAL CONTAMINANTS.
- ALL FILL SHALL BE COMPACTED TO A MINIMUM OF 95% ASTM D-1557 UNLESS A GREATER COMPACTION REQUIREMENT IS OTHERWISE SPECIFIED.
- 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.

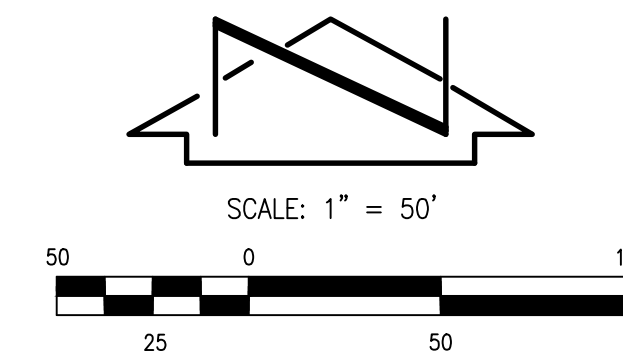
JOB NO. 2014.181.4

REV.	SHEETS	CITY	ENGINEER	DATE	USER	DEPARTMENT	DATE	USER	DEPARTMENT	DATE
1	6-9									
APPROVAL OF REVISIONS										

		APPROVED FOR CONSTRUCTION
	C.E.	SHEET 1 OF 9

RECORD DRAWING





## LEGAL DESCRIPTION

TRACT A-1-A, HIGHLAND HIGH SCHOOL

## BENCHMARKS

**PROJECT BENCHMARK**  
ACS 2" BRASS DISC SET STAMPED "6-K18A ACS" SET IN SIDEWALK AT THE INTERSECTION OF CENTRAL AVENUE AND JACKSON STREET.  
ELEVATION = 5249.99 FEET (NAVD 1988)

**T.B.M. #1**  
A CHISELED "C" AT THE SOUTHEAST QUADRANT OF SILVER AVENUE AND JACKSON AVENUE, AS SHOWN.  
ELEVATION = 5253.35 FEET (NAVD 1988)

**T.B.M. #2**  
A CHISELED "+" ON THE HANDICAP RAMP AT THE SOUTHWEST QUADRANT OF SILVER AVENUE AND MONROE STREET, AS SHOWN.  
ELEVATION = 5246.58 FEET (NAVD 1988)

**T.B.M. #3**  
A FLAGGED NAIL AT THE SOUTHWEST QUADRANT OF JEFFERSON STREET AND COAL AVENUE, AS SHOWN.  
ELEVATION = 5243.07 FEET (NAVD 1988)

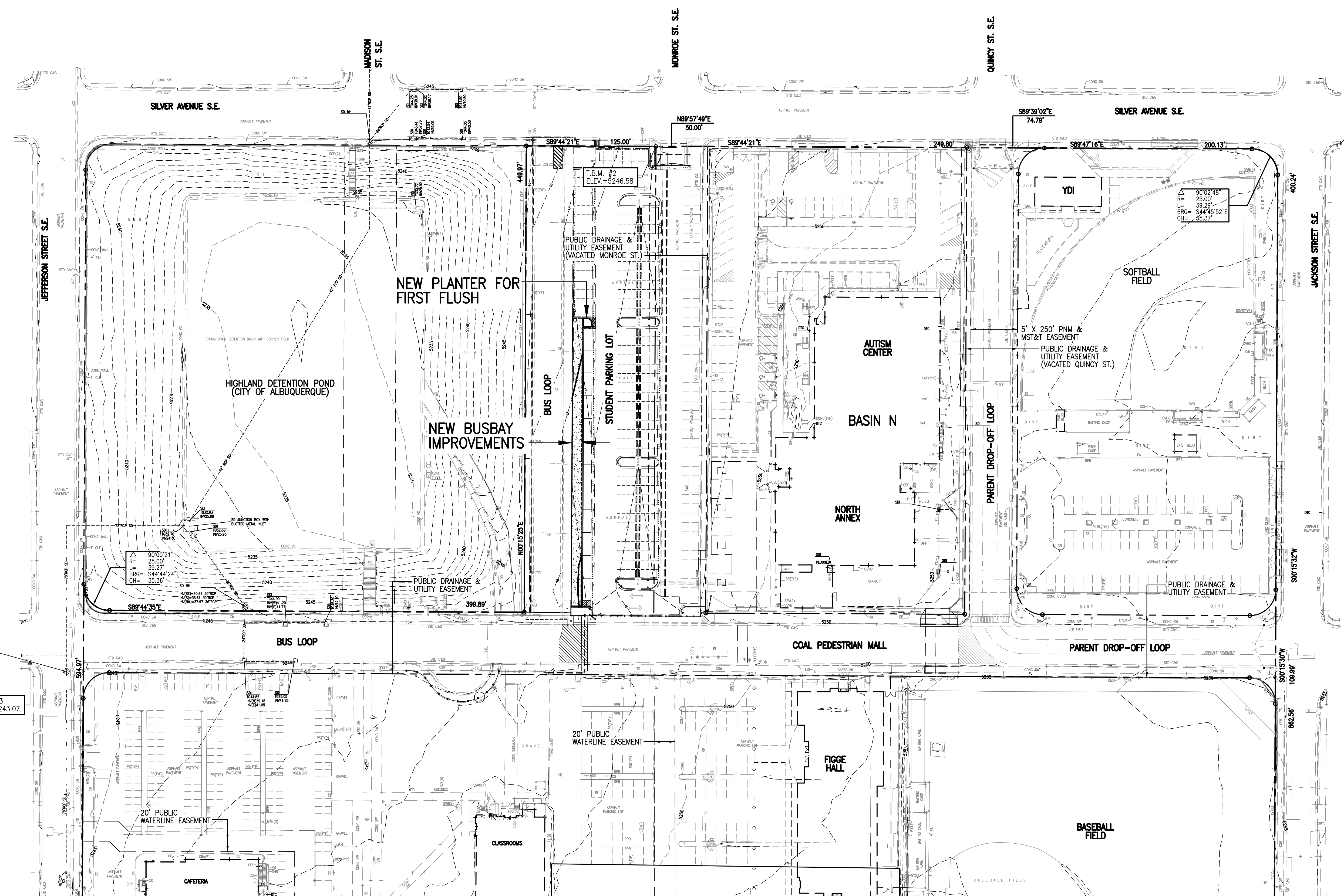
# RECORD DRAWING



05-12-2016



12-21-2015



**HIGH MESA Consulting Group**

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

**OVERALL PLAN (FOR ORIENTATION)  
BUSBAY IMPROVEMENTS  
HIGHLAND HIGH SCHOOL  
4700 COAL AVENUE S.E.**

DESIGNED BY	DATE	BY	REVISIONS	JOB NO.
J.G.M.	1/16	J.D.S.	NO CHANGES THIS SHEET	2014.181.4
J.Y.R./S.C.C.	5/16	J.D.S.	RECORD DRAWING	DATE 12-2015
J.G.M.				SHEET 2 OF 9

File Path: P:\DWG\2014\05\2014181.4\DWG\Plot Date: 05-12-2016  
File Name: 14181.4\_SH2-R2.DWG Plot Time: 10:29 am



## EASEMENT KEYED NOTES:

- 12 MONROE STREET S.E. BETWEEN SILVER AVENUE S.E. AND COAL AVENUE S.E. VACATED BY 08080-70050. PUBLIC EASEMENTS RETAINED (ABQWA PUBLIC SANITARY SEWER AND PUBLIC WATER, PUBLIC SERVICE COMPANY OF NEW MEXICO, NEW MEXICO GAS COMPANY, QWEST TELECOMMUNICATIONS, AND COMCAST CABLE VISION OF NEW MEXICO, INC.). SURFACE MAINTENANCE OF THE RETAINED EASEMENTS THE RESPONSIBILITY OF THE OWNER OF TRACT A-1-A, HIGHLAND HIGH SCHOOL.



## RECORD DRAWING LEGEND

CONSTRUCT	RECORD INFORMATION (VERIFIED BY ENGINEER)
✓	AS-CONSTRUCTED = AS-DESIGNED (VERIFIED BY AS-BUILT SURVEY)
38' 42"	RECORD INFORMATION FROM AS-BUILT SURVEY
+ 25.2	RECORD INFORMATION FROM AS-BUILT SURVEY
28.96, 42	RECORD INFORMATION FROM AS-BUILT SURVEY



## RECORD DRAWING

## CONSTRUCTION NOTES:

- 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.
- 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.
- 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.
- ALL CONSTRUCTION WITHIN PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY OF ALBUQUERQUE STANDARDS AND PROCEDURES.
- UTILITY INFORMATION SHOWN HEREON IS BASED UPON RECORD DRAWING DATED 03-18-2011 (2010.180.3). UTILITY LINES THAT APPEAR ON THESE DRAWINGS 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 THEREFOR. 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.

## 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.
- 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.
- CONCRETE TRUCKS SHALL BE SENT BACK TO THE PLANT FOR WASH-OUT; THE WASH-OUT OF CONCRETE TRUCKS SHALL NOT BE PERMITTED ON THIS SITE UNLESS OTHERWISE PROVIDED FOR BY THIS PLAN. IF PROVIDED FOR BY THIS PLAN, CONCRETE TRUCKS MAY ONLY WASH-OUT IN A DESIGNATED AND LINED WASH-OUT FACILITY.

## LEGEND

ARV	WATER AIR RELEASE VALVE
ASV	ANTI-SIPHON VALVE
CLF	CHAINLINK FENCE
DGA	DOUBLE GATE
FL	FLOWLINE
G/PM	UNDERGROUND GAS BY PAINT MARK
GA	GATE
GR	GRAVEL
GVB	GAS VALVE BOX
INV	INVERT ELEVATION
PB	PARKING BUMPER
PI	PAINTED ISLAND
PS	PARKING STRIPE
SAS	SANITARY SEWER
SGA	SLIDE GATE
SW	SIDEWALK
SWC	SIDEWALK CULVERT
TA	TOP OF ASPHALT
TC	TOP OF CURB
TCO	TOP OF CONCRETE
TSW	TOP OF SIDEWALK
TW	TOP OF WALL
TYP	TYPICAL
VCP	VITRIFIED CLAY PIPE
*	DECIDUOUS TREE
*	UTILITY MARKER
+ 47.65	EXISTING SPOT ELEVATION
---	EXISTING FLOWLINE
---	EXISTING CONTOURS
---	EXISTING HIGH POINT / DIVIDE
---	WADDLES

## BENCHMARKS

## PROJECT BENCHMARK

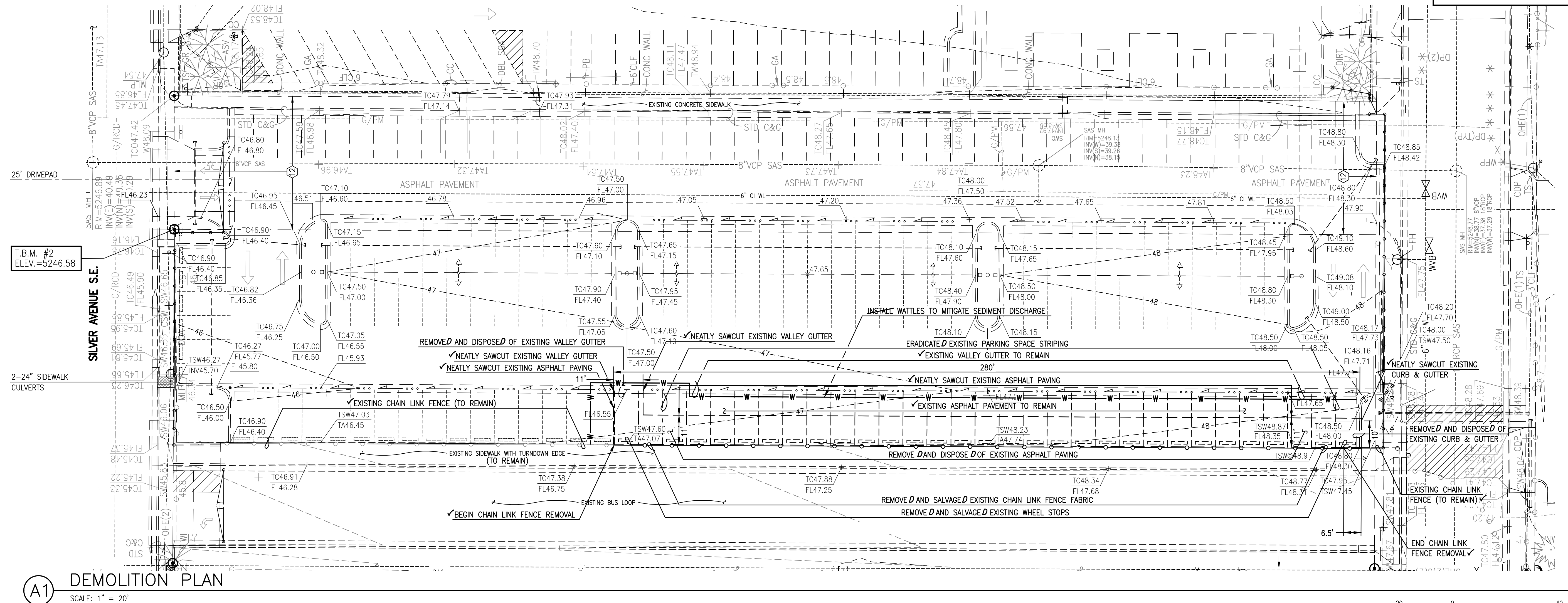
ACS 2" BRASS DISC SET STAMPED "6-K18A ACS" SET IN SIDEWALK AT THE INTERSECTION OF CENTRAL AVENUE AND JACKSON STREET.  
ELEVATION = 5249.99 FEET (NAVD 1988)

## T.B.M. #2

A CHISELED "4" ON THE HANDICAP RAMP AT THE SOUTHWEST QUADRANT OF SILVER AVENUE AND MONROE STREET, AS SHOWN THIS SHEET.  
ELEVATION = 5246.58 FEET (NAVD 1988)

## SURVEY NOTE:

THIS IS NOT A BOUNDARY SURVEY; DATA IS SHOWN FOR ORIENTATION ONLY. THE BOUNDARY INFORMATION DEPICTED BY THIS PLAN IS BASED UPON THE BOUNDARY SURVEY BY HIGH MESA CONSULTING GROUP (HMC), (NMPS NO. 11184), DATED 03-24-2008. (2007.184.6) TOPOGRAPHIC SURVEY INFORMATION IS BASED UPON A TOPOGRAPHIC SURVEY BY HIGH MESA CONSULTING GROUP, (NMPS 11184), DATED 03-24-2008, AND CONSTRUCTION PLANS (RECORD DRAWINGS) BY HMC, DATED 08/24/2009, (2007.188.2). SUPPLEMENTED BY RECORD DRAWING PREPARED BY HMC (NMPE 8547) DATED 03-18-2011 (2010.180.3)



A1 DEMOLITION PLAN  
SCALE: 1" = 20'



DEMOLITION & EROSION AND SEDIMENT CONTROL PLAN  
BUSBAY IMPROVEMENTS  
HIGHLAND HIGH SCHOOL  
4700 COAL AVENUE S.E.

DESIGNED BY	J.G.M.	DATE	1/16	BY	J.D.S.	NO CHANGES THIS SHEET	JOB NO.	2014.181.4
DRAWN BY	J.Y.R./S.C.C.	DATE	5/16	BY	J.D.S.	RECORD DRAWING	DATE	12-2015
APPROVED BY	J.G.M.	SHEET	3	OF	9			

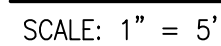
HIGH MESA Consulting Group

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

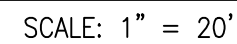
JEFFREY G. MOFFENSEN  
REGISTERED PROFESSIONAL ENGINEER  
NEW MEXICO  
13676  
05-12-2016

JEFFREY G. MOFFENSEN  
REGISTERED PROFESSIONAL ENGINEER  
NEW MEXICO  
13676  
12-21-2015





## - NORTH ANNEX





6010-B MIDWAY PARK BLVD. NE • ALBUQUERQUE, NEW MEXICO 87109  
PHONE: 505.345.4250 • FAX: 505.345.4254 • [www.highmesacq.com](http://www.highmesacq.com)

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File Name: 141814_SH4-R2.DWG	Plot Time:	10:45 am

# SITE PLAN & FIRST FLUSH CALCULATIONS BUSBAY IMPROVEMENTS HIGHLAND HIGH SCHOOL 4700 COAL AVENUE S.E.

DESIGNED BY <u>J.G.M.</u>	NO.	DATE	BY	REVISIONS	JOB NO.
		1/16	J.D.S.	NO CHANGES THIS SHEET	2014.181.4
		5/16	J.D.S.	RECORD DRAWING	DATE 12-2015
DRAWN BY <u>J.Y.R./S.C.C.</u>					SHEET 4 OF 9
APPROVED BY <u>J.G.M.</u>					



## EASEMENT KEYED NOTES:

- ⑫ MONROE STREET S.E. BETWEEN SILVER AVENUE S.E. AND COAL AVENUE S.E. VACATED BY 09DRB-70050. PUBLIC EASEMENTS RETAINED (ABQWIA PUBLIC SANITARY SEWER AND PUBLIC WATER, PUBLIC SERVICE COMPANY OF NEW MEXICO, NEW MEXICO GAS COMPANY, QWEST TELECOMMUNICATIONS, AND COMCAST CABLE VISION OF NEW MEXICO, INC.). SURFACE MAINTENANCE OF THE RETAINED EASEMENTS THE RESPONSIBILITY OF THE OWNER OF TRACT A-1-A, HIGHLAND HIGH SCHOOL.

## CONSTRUCTION NOTES:

- 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.
- 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.
- 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.
- ALL CONSTRUCTION WITHIN PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY OF ALBUQUERQUE STANDARDS AND PROCEDURES.
- UTILITY INFORMATION SHOWN HEREON IS BASED UPON RECORD DRAWING DATED 03-18-2011 (2010.180.3). UTILITY LINES THAT APPEAR ON THESE DRAWINGS 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 THEREFOR. 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.

## LEGEND

ARV	WATER AIR RELEASE VALVE
ASV	ANTI-SIPHON VALVE
CLF	CHAINLINK FENCE
DCA	DOUBLE GATE
FL	FLOWLINE
G/PM	UNDERGROUND GAS BY PAINT MARK
GA	GATE
GR	GRAVEL
GVB	GAS VALVE BOX
INV	INVERT ELEVATION
PB	PARKING BUMPER
PI	PAINTED ISLAND
PS	PARKING STRIPE
SAS	SANITARY SEWER
SGA	SLIDE GATE
SW	SIDEWALK
SWC	SIDEWALK CULVERT
TA	TOP OF ASPHALT
TC	TOP OF CURB
TCO	TOP OF CONCRETE
TSW	TOP OF SIDEWALK
TW	TOP OF WALL
TYP	TYPICAL
VCP	VITRIFIED CLAY PIPE
☼	DECIDUOUS TREE
*	UTILITY MARKER
+ 47.65	EXISTING SPOT ELEVATION
● 47.65	PROPOSED SPOT ELEVATION
— — —	EXISTING FLOWLINE
— — —	PROPOSED FLOWLINE
— — —	PROPOSED CONTOURS
↔	HIGH POINT / DIVIDE
▨	PROPOSED CONCRETE PAVEMENT

## BENCHMARKS

## PROJECT BENCHMARK

ACS 2" BRASS DISC SET STAMPED "6-K18A ACS" SET IN SIDEWALK AT THE INTERSECTION OF CENTRAL AVENUE AND JACKSON STREET.  
ELEVATION = 5249.99 FEET (NAVD 1988)

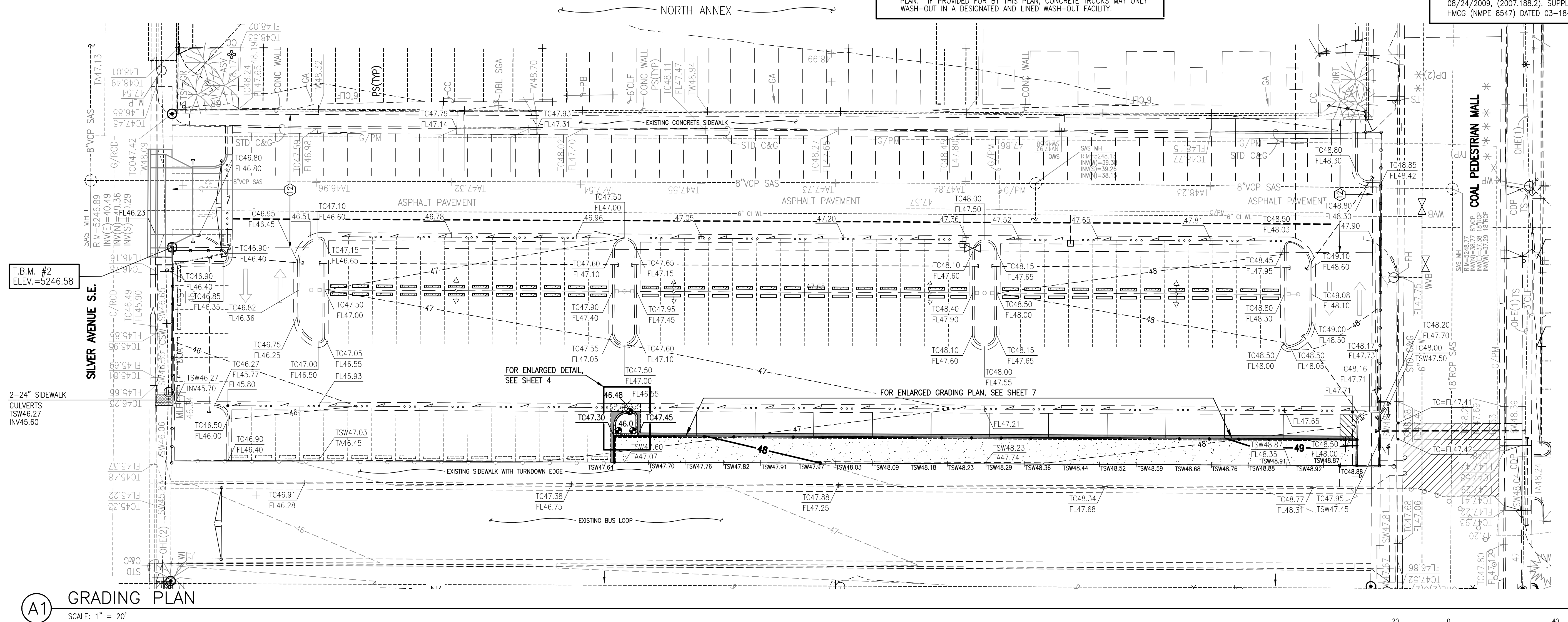
## T.B.M. #2

A CHISELED "+" ON THE HANDICAP RAMP AT THE SOUTHWEST QUADRANT OF SILVER AVENUE AND MONROE STREET, AS SHOWN THIS SHEET.  
ELEVATION = 5246.58 FEET (NAVD 1988)

## SURVEY NOTE:

THIS IS NOT A BOUNDARY SURVEY; DATA IS SHOWN FOR ORIENTATION ONLY. THE BOUNDARY INFORMATION DEPICTED BY THIS PLAN IS BASED UPON THE BOUNDARY SURVEY BY HIGH MESA CONSULTING GROUP (HMC), (NMPS NO. 11184), DATED 03-24-2008. (2007.184.6) TOPOGRAPHIC SURVEY INFORMATION IS BASED UPON A TOPOGRAPHIC SURVEY BY HIGH MESA CONSULTING GROUP, (NMPS 11184), DATED 03-24-2008, AND CONSTRUCTION PLANS (RECORD DRAWINGS) BY HMC, DATED 08/24/2009, (2007.188.2). SUPPLEMENTED BY RECORD DRAWING PREPARED BY HMC (NMPE 8547) DATED 03-18-2011 (2010.180.3)

## RECORD DRAWING



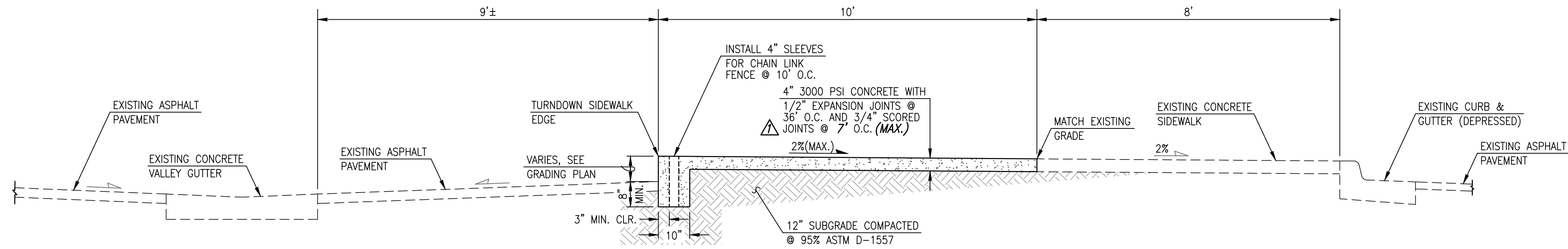
**HIGH MESA Consulting Group**

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

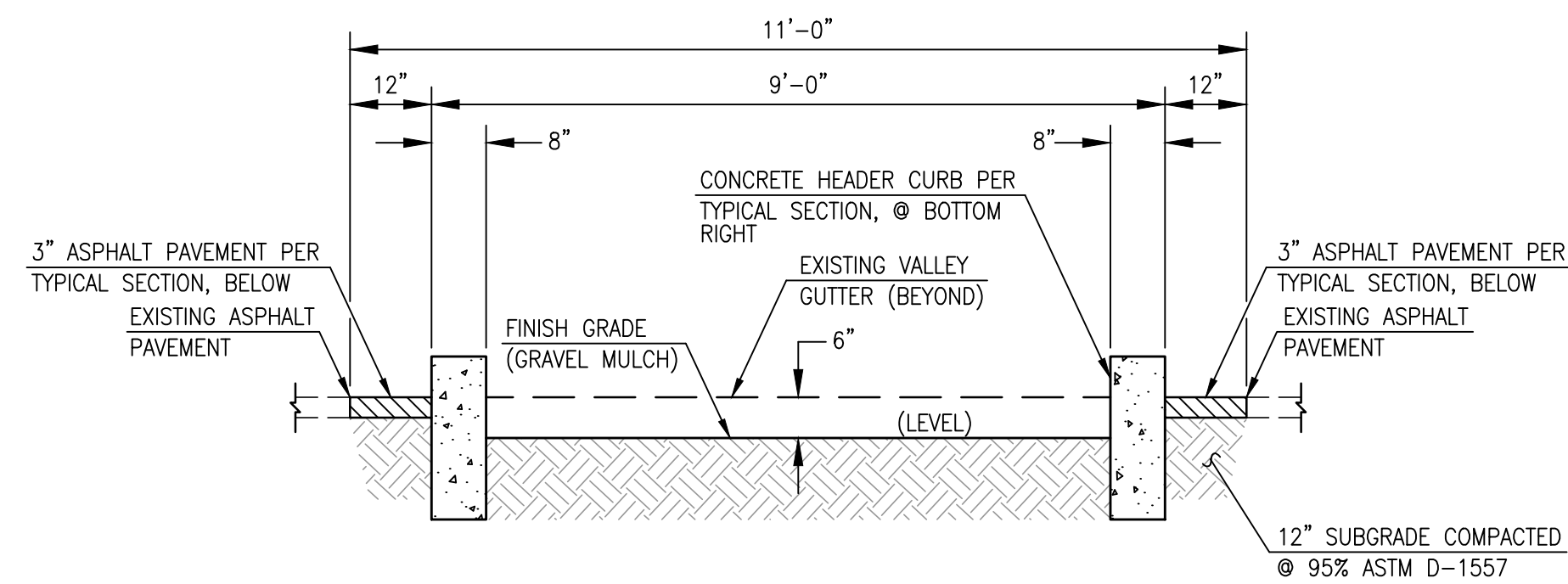
**GRADING PLAN  
BUSBAY IMPROVEMENTS  
HIGHLAND HIGH SCHOOL  
4700 COAL AVENUE S.E.**

DESIGNED BY	DATE	BY	REVISIONS	JOB NO.
J.G.M.	1/16	J.D.S.	NO CHANGES THIS SHEET	2014.181.4
J.Y.R./S.C.C.	5/16	J.D.S.	RECORD DRAWING	DATE 12-2015
J.G.M.				SHEET 5 OF 9

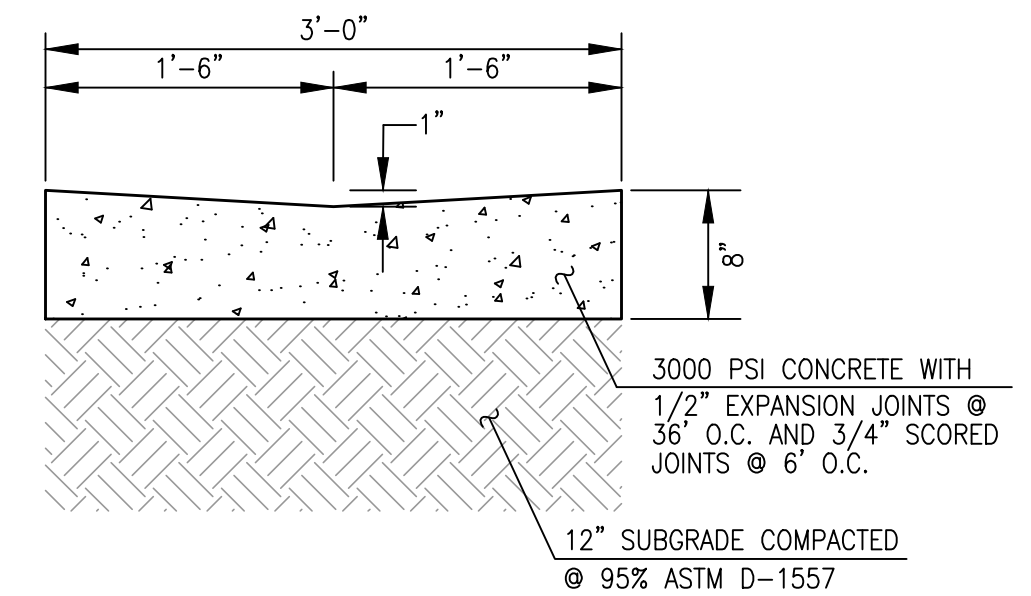




**E1** SECTION A-A  
SCALE: 1" = 2'

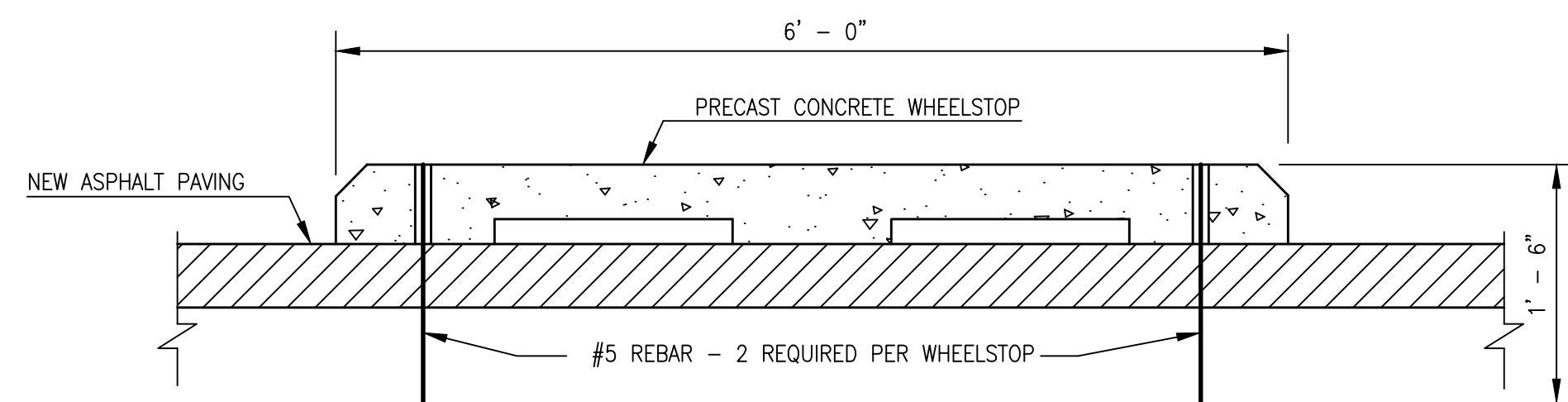


**C1** SECTION B-B  
SCALE: 1" = 2'

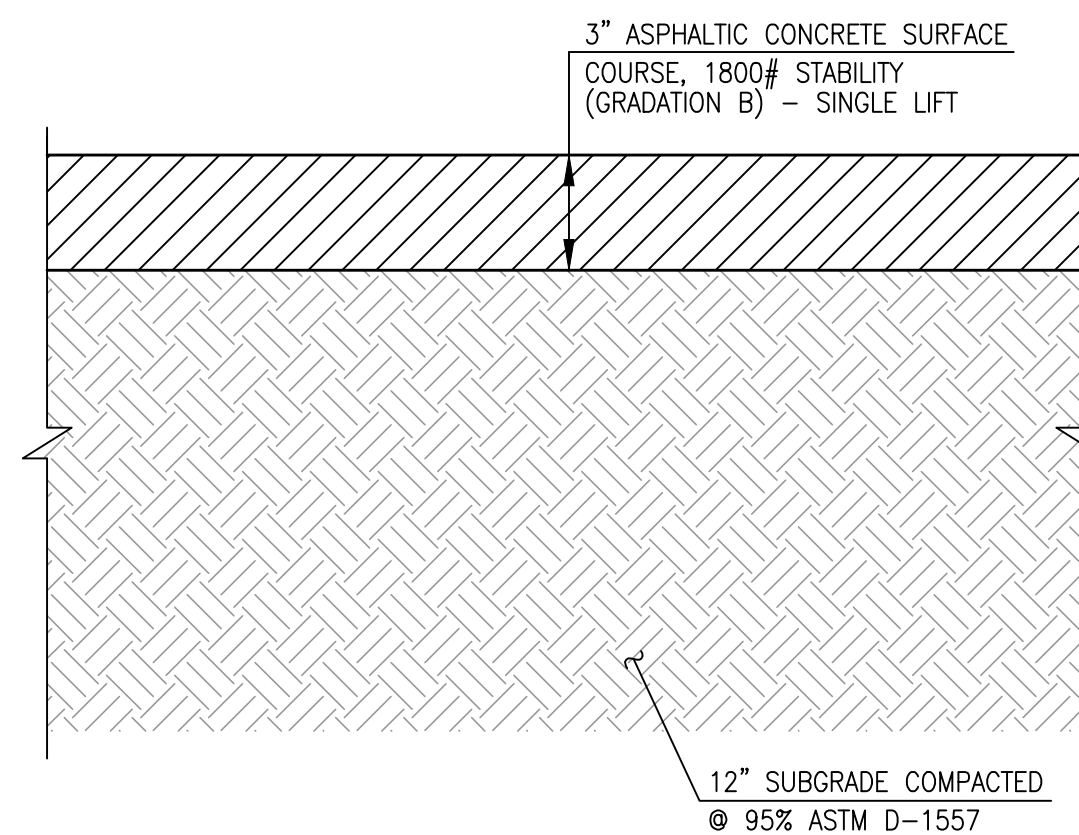


**C5** VALLEY GUTTER SECTION  
SCALE: 1" = 1'-0"

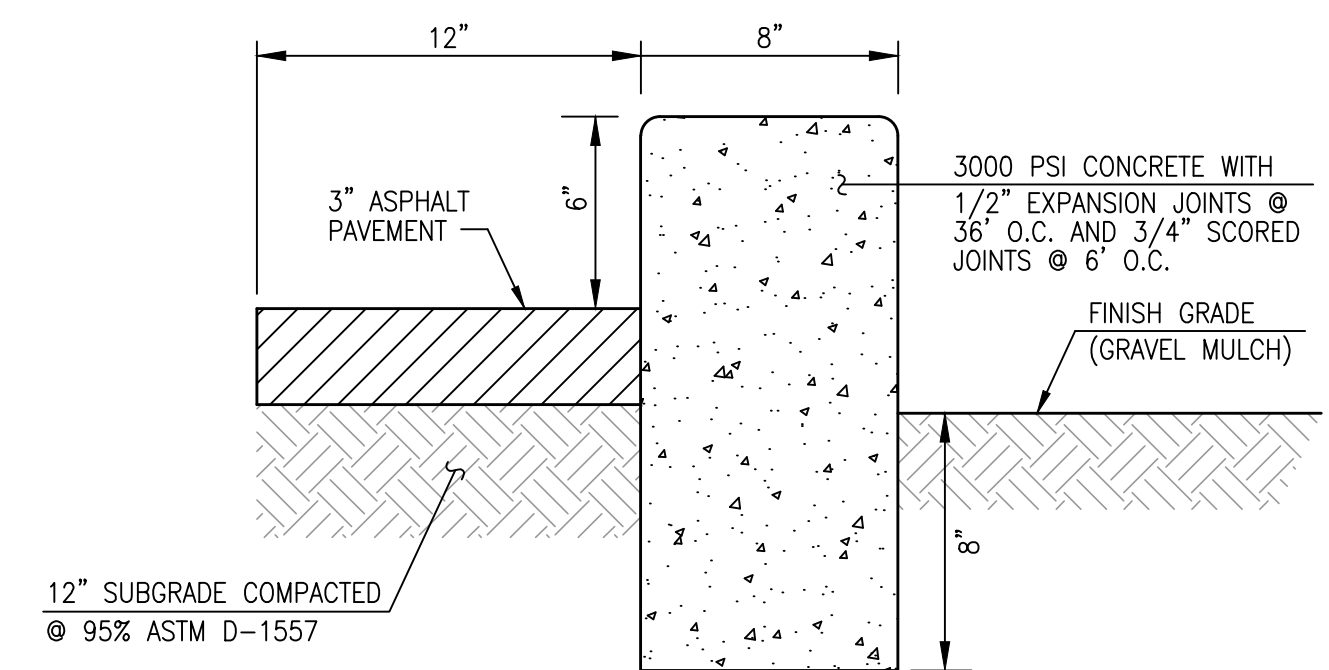
## RECORD DRAWING



**A1** WHEELSTOP SECTION  
SCALE: 1" = 0'-6"



**A3** TYPICAL 3" ASPHALT PAVING SECTION  
SCALE: 1" = 0'-5"



**A5** HEADER CURB SECTION  
SCALE: 1" = 0'-6"

JEFFREY G. MOFFENSEN  
REGISTERED PROFESSIONAL ENGINEER  
NEW MEXICO  
13676

05-12-2016

JEFFREY G. MOFFENSEN  
REGISTERED PROFESSIONAL ENGINEER  
NEW MEXICO  
13676  
02-11-2016  
12-21-2015

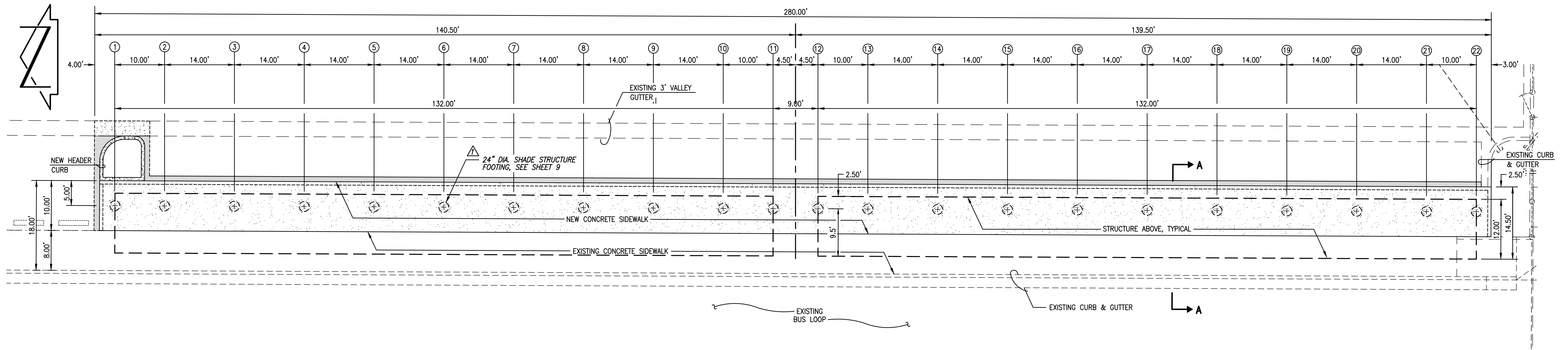
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**SECTIONS AND DETAILS  
BUSBAY IMPROVEMENTS  
HIGHLAND HIGH SCHOOL  
4700 COAL AVENUE S.E.**

DESIGNED BY	ND	DATE	BY	REVISIONS	JOB NO.
J.G.M.	2/16	2/16	J.G.M.	JOINT SPACING	2014.181.4
J.Y.R./S.C.C.	5/16	5/16	J.D.S.	RECORD DRAWING	DATE 12-2015
J.G.M.					SHEET 6 OF 9





(A1) FOUNDATION PLAN  
SCALE: 1" = 10'

FOOTING#	"AS DESIGNED" TOF	"ADJUSTED" TOF	TSW	FOOTING#	"AS DESIGNED" TOF	"ADJUSTED" TOF	TSW
1	47.45	47.20 .19	47.76	12	48.10	47.85 .83	48.41
2	47.45	47.20 .21	47.80	13	48.10	47.85 .83	48.46
3	47.45	47.20 .21	47.86	14	48.10	47.85 .84	48.53
4	47.45	47.20 .21	47.92	15	48.10	47.85 .84	48.60
5	47.45	47.20 .21	48.00	16	48.10	47.85 .84	48.69
6	47.45	47.20 .22	48.06	17	48.10	47.85 .84	48.78
7	47.45	47.20 .19	48.12	18	48.10	47.85 .83	48.85
8	47.45	47.20 .22	48.18	19	48.10	47.85 .83	48.96
9	47.45	47.20 .17	48.26	20	48.10	47.85 .82	48.97
10	47.45	47.20 .19	48.32	21	48.10	47.85 .83	48.98
11	47.45	47.20 .24	48.36	22	48.10	47.85 .83	48.96

NOTES:

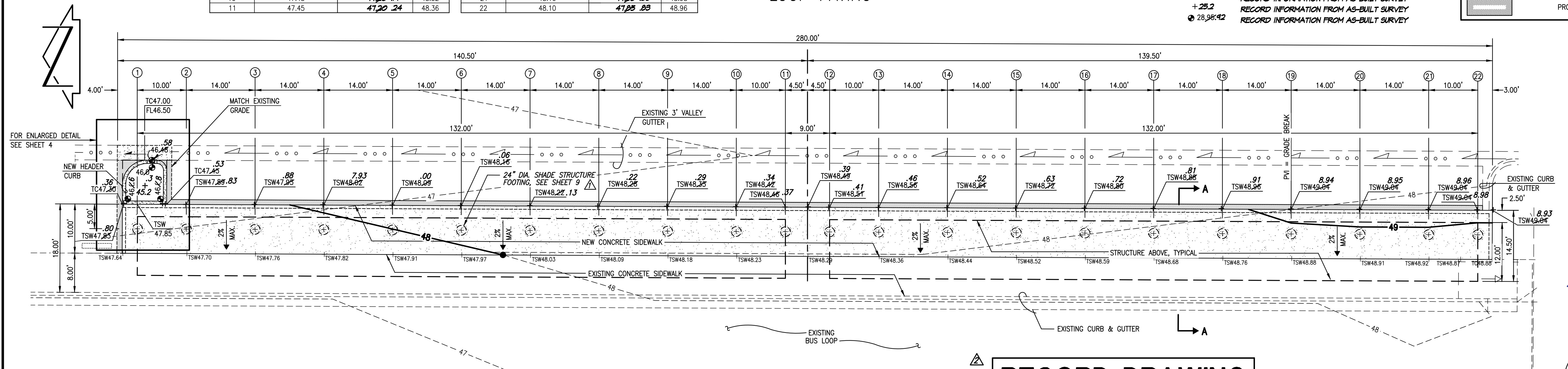
1. REFER TO SHEET 6 FOR SECTION A-A
2. NEW CANOPY ROOF SHALL SLOPE EAST AWAY FROM BUS LOOP AND TOWARD STUDENT PARKING LOT
3. NEW SIDEWALK SHALL SLOPE WEST TOWARD BUS LOOP PAVING



LEGEND

CONSTRUCT	RECORD DRAWING LEGEND
✓	RECORD INFORMATION (VERIFIED BY ENGINEER)
38' 42"	AS-CONSTRUCTED = AS-DESIGNED (VERIFIED BY AS-BUILT SURVEY)
+25.2	RECORD INFORMATION FROM AS-BUILT SURVEY
28.98.92	RECORD INFORMATION FROM AS-BUILT SURVEY

TC	TOP OF CURB
TSW	TOP OF SIDEWALK
---	EXISTING FLOWLINE
-5245-	EXISTING CONTOUR
-20-	PROPOSED CONTOUR
[Pattern]	PROPOSED CONCRETE
[Pattern]	PROPOSED ASPHALT PAVING



(A1) ENLARGED GRADING PLAN  
SCALE: 1" = 10'

RECORD DRAWING



05-12-2016

JEFFREY G. MONTENSEN

**HIGH MESA Consulting Group**

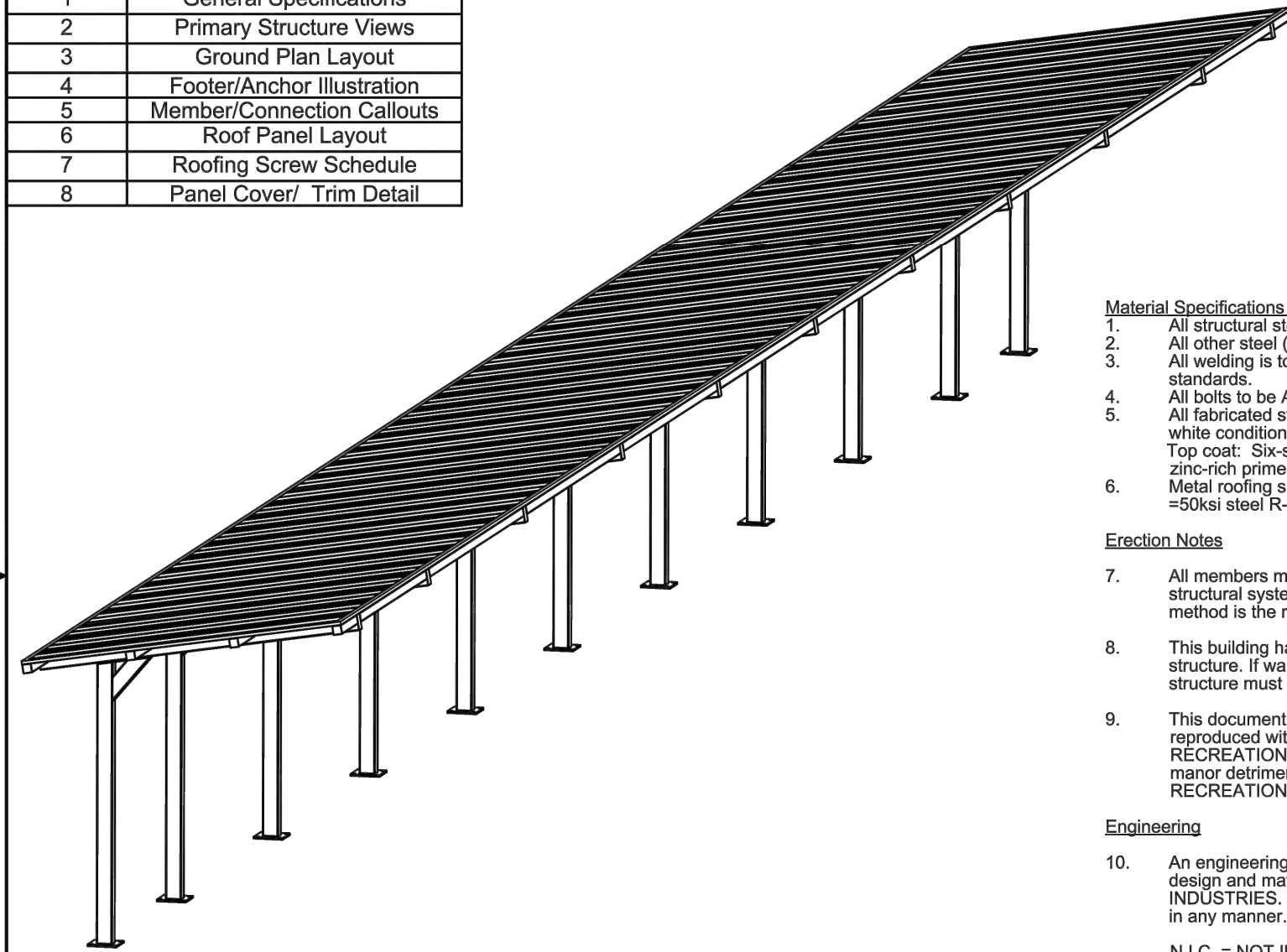
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PHONE: 505.345.4250 • FAX: 505.345.4254 • www.highmesacg.com

**FOUNDATION AND ENLARGED GRADING PLANS  
BUSBAY IMPROVEMENTS  
HIGHLAND HIGH SCHOOL  
4700 COAL AVENUE S.E.**

DESIGNED BY	J.G.M.	NO.	1/16	DATE	J.D.S.	REVISIONS	REVISED FOOTING DIAMETER TO MATCH STRUCTURAL DESIGN	JOB NO.	2014.181.4
DRAWN BY	J.Y.R./S.C.C.	NO.	5/16	DATE	J.D.S.	REVISIONS	RECORD DRAWING	DATE	12-2015
APPROVED BY	J.G.M.							SHEET	7 OF 9



Page#	Description
1	General Specifications
2	Primary Structure Views
3	Ground Plan Layout
4	Footer/Anchor Illustration
5	Member/Connection Callouts
6	Roof Panel Layout
7	Roofing Screw Schedule
8	Panel Cover/ Trim Detail



- Material Specifications and Notes:**
- All structural steel tubing shall be ASTM A-500 Grade B-C.
  - All other steel (plates, gussets, etc.) shall be ASTM A-36.
  - All welding is to be done in accordance with the latest AWS standards.
  - All bolts to be ASTM A-325 & threaded rod to be ASTM B-7.
  - All fabricated steel & structural tubes to be sand blasted to a white condition prior to application of top coat.
  - Top coat: Six-stage TGIC powder coating process with zinc-rich primer.
  - Metal roofing shall be pre-cut 24ga. x 1 3/16" dp x 36" wide, Fy = 50ksi steel R-Panel.
- Erection Notes:**
- All members must be properly braced until the complete structural system has been constructed. Bracing material and method is the responsibility of the G.C.
  - This building has been designed as a free standing, open structure. If walls or other modifications are to be made, the structure must be re-engineered prior to these modifications.
  - This document contains proprietary information and is not to be reproduced without the written permission from SUPERIOR RECREATIONAL PRODUCTS and/or is not to be used in any manner detrimental to the interest of SUPERIOR RECREATIONAL PRODUCTS.
- Engineering**
- An engineering seal and signature, if present, is limited to the design and material provided by SUPERIOR INTERNATIONAL INDUSTRIES. It DOES NOT represent the Engineer of Record in any manner.
- N.I.C. = NOT IN CONTRACT  
G.C. = GENERAL CONTRACTOR

**Packet Contents And General Specifications**

Rev Date & Description:

Date: 11/19/15 Drawn By: SCB

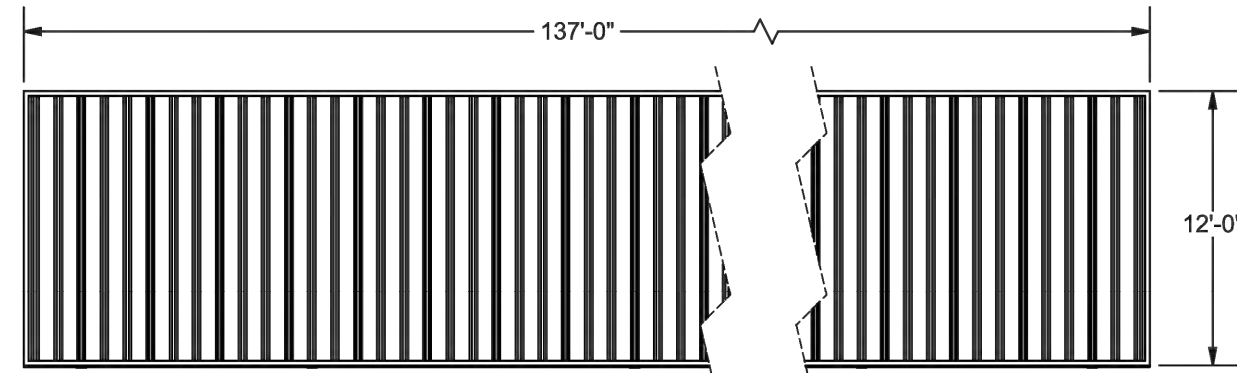
**Superior Recreational Products**

Description: 12' x 137' AS Cantilevered Shelter 2:12 Pitch; R-panel Roof

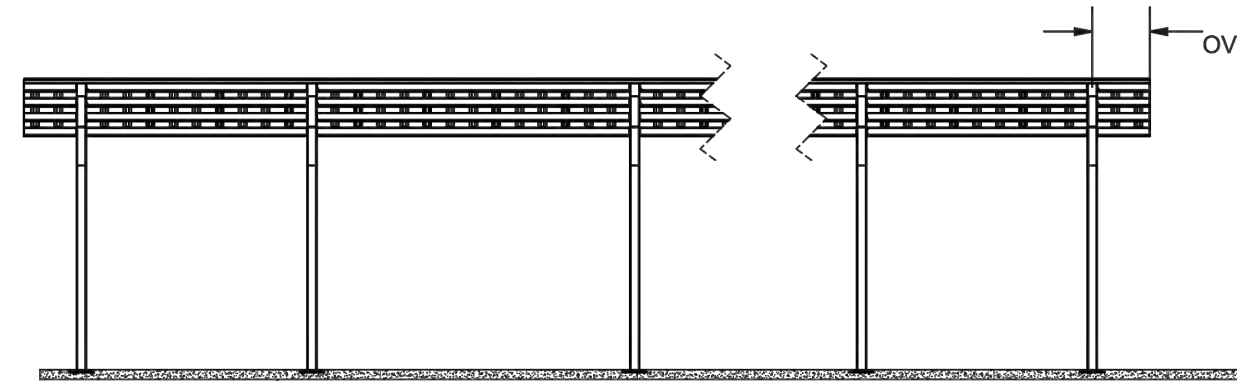
Job Site: Highland HS, 4700 Coal Ave. SE, Albuquerque, NM 87108

Rev: Drawing Number: QU00082039

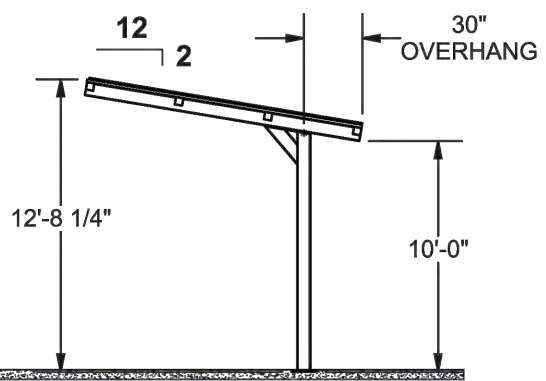
Size: A Units: Inch Tol: ±.0625 Scale: Sheet: 1 of 8



PLAN VIEW



FRONT ELEVATION



SIDE ELEVATION

**Primary Structure Views**

Rev Date & Description:

Date: 11/19/15 Drawn By: SCB

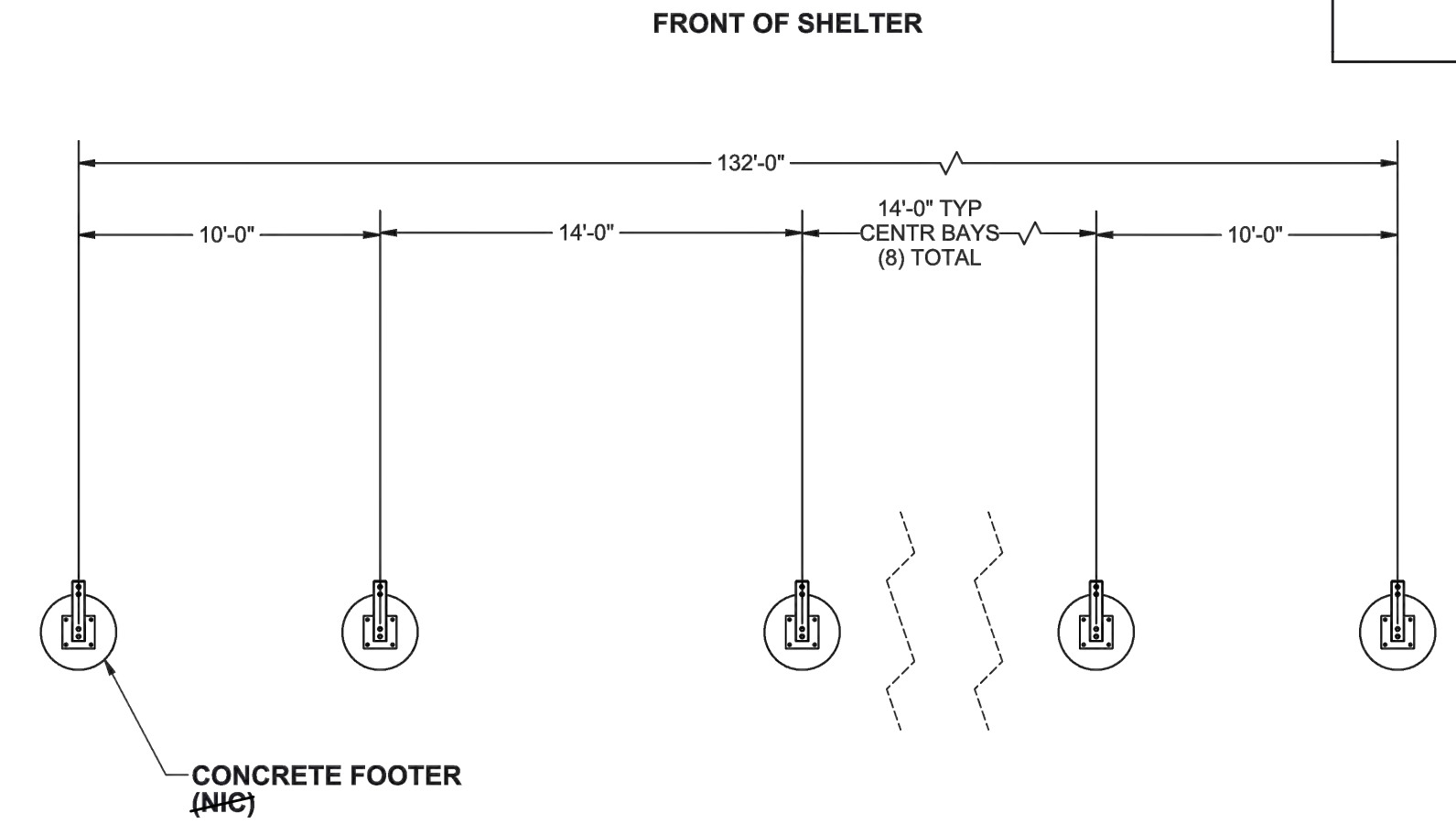
**Superior Recreational Products**

Description: 12' x 137' AS Cantilevered Shelter 2:12 Pitch; R-panel Roof

Job Site: Highland HS, 4700 Coal Ave. SE, Albuquerque, NM 87108

Rev: Drawing Number: QU00082039

Size: A Units: Inch Tol: ±.0625 Scale: Sheet: 2 of 8



CONCRETE FOOTER (NIC)

**Ground Plan Layout**

Rev Date & Description:

Date: 11/19/15 Drawn By: SCB

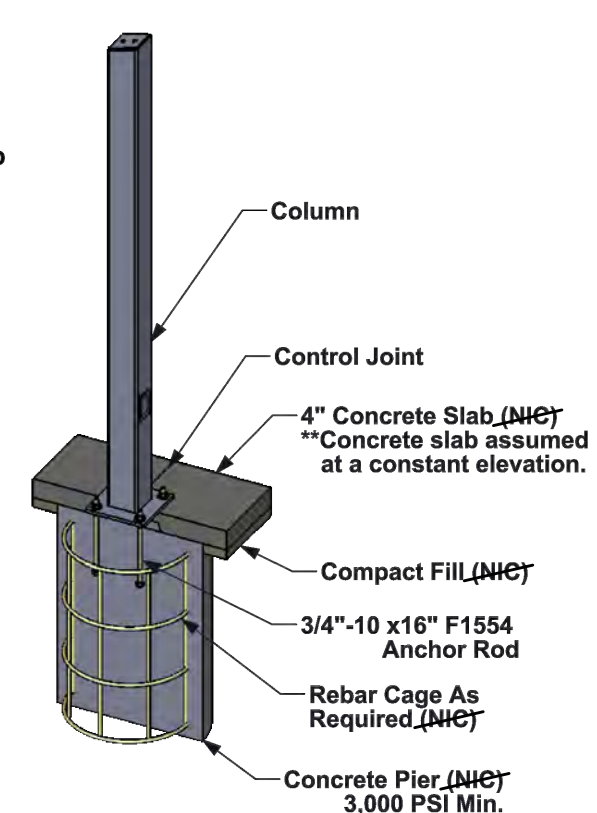
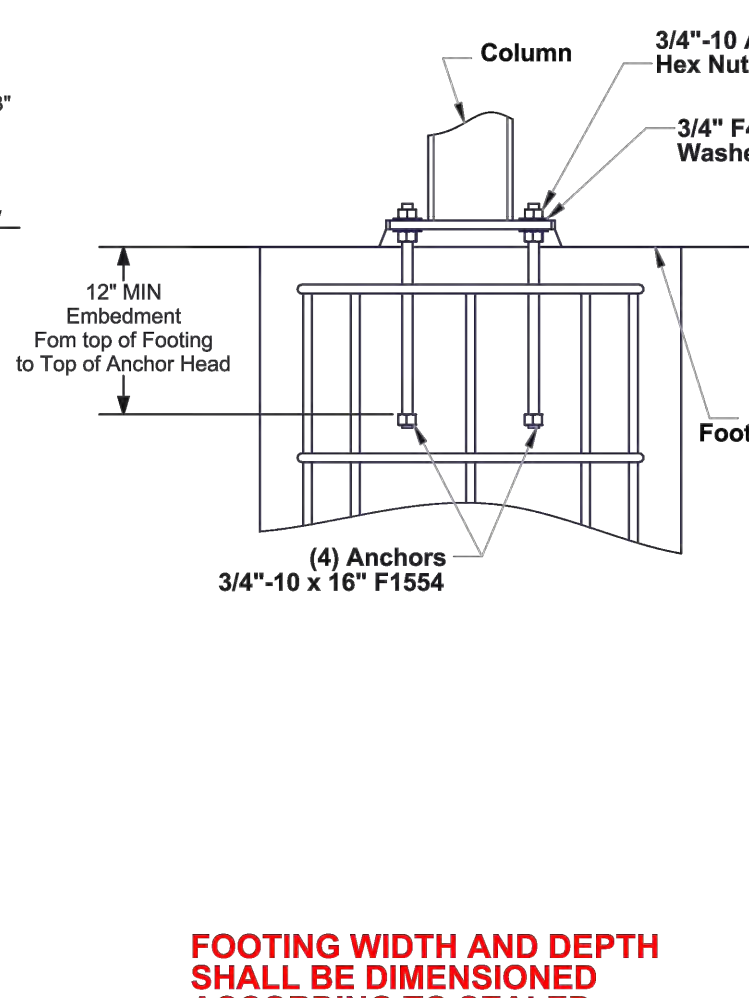
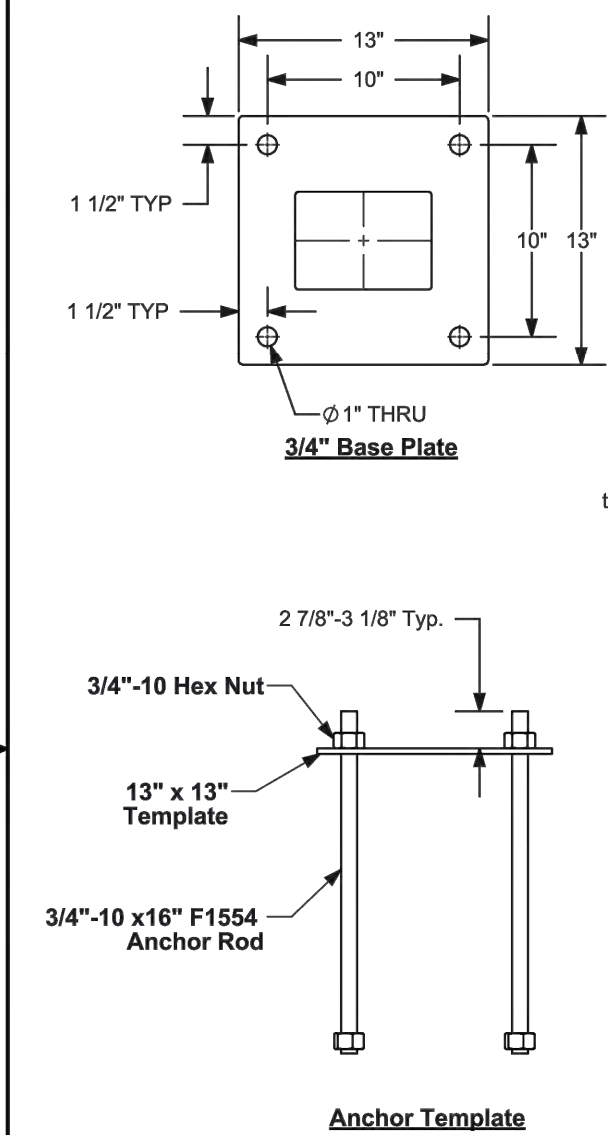
**Superior Recreational Products**

Description: 12' x 137' AS Cantilevered Shelter 2:12 Pitch; R-panel Roof

Job Site: Highland HS, 4700 Coal Ave. SE, Albuquerque, NM 87108

Rev: Drawing Number: QU00082039

Size: A Units: Inch Tol: ±.0625 Scale: Sheet: 3 of 8



FOOTING WIDTH AND DEPTH SHALL BE DIMENSIONED ACCORDING TO SEALED DETAIL, SEE SHEET 9

**Footer / Anchor Details**

Rev Date & Description:

Date: 11/19/15 Drawn By: SCB

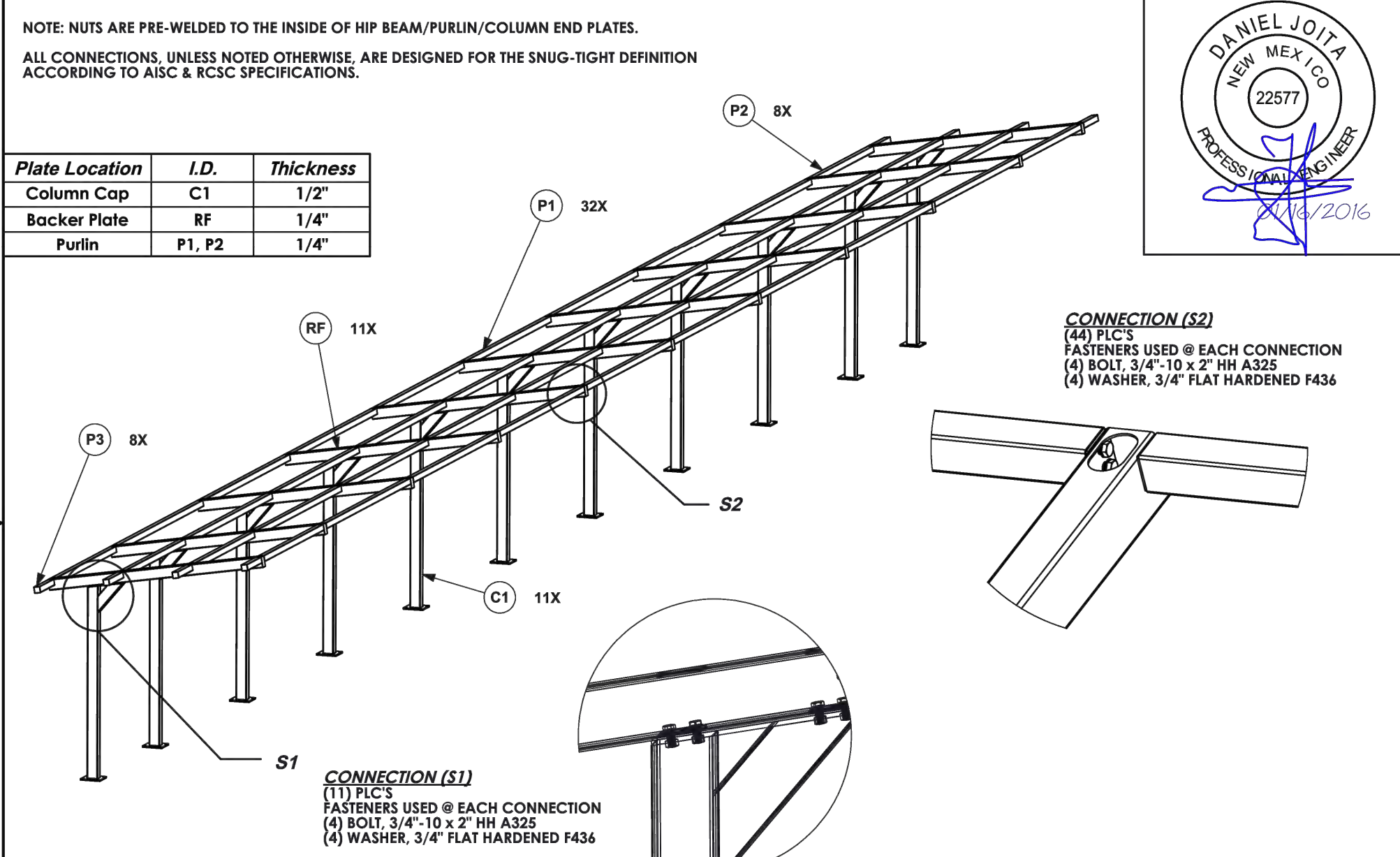
**Superior Recreational Products**

Description: 12' x 137' AS Cantilevered Shelter 2:12 Pitch; R-panel Roof

Job Site: Highland HS, 4700 Coal Ave. SE, Albuquerque, NM 87108

Rev: Drawing Number: QU00082039

Size: A Units: Inch Tol: ±.0625 Scale: Sheet: 4 of 8



**Callouts And Connection Details**

Rev Date & Description:

Date: 11/19/15 Drawn By: SCB

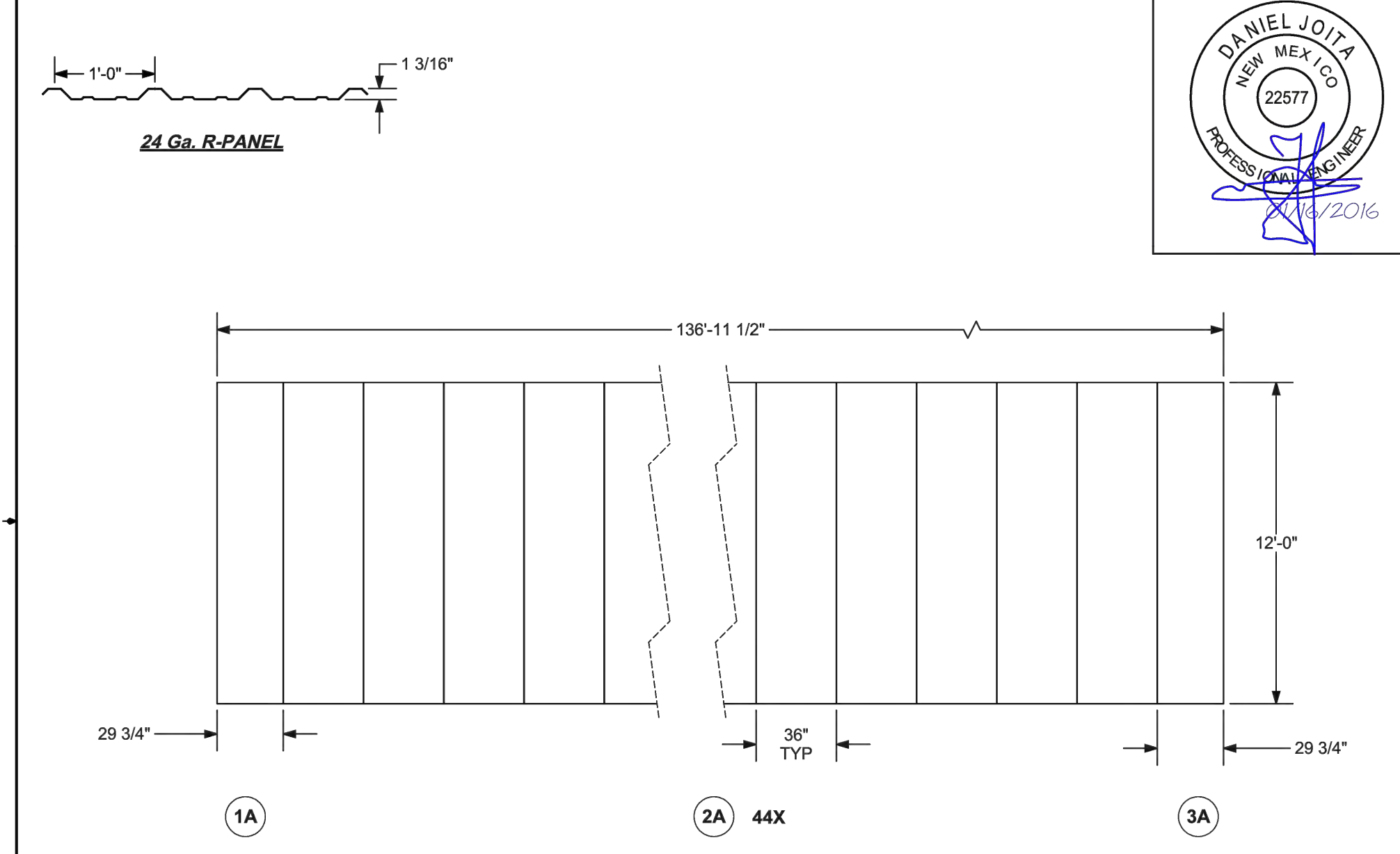
**Superior Recreational Products**

Description: 12' x 137' AS Cantilevered Shelter 2:12 Pitch; R-panel Roof

Job Site: Highland HS, 4700 Coal Ave. SE, Albuquerque, NM 87108

Rev: Drawing Number: QU00082039

Size: A Units: Inch Tol: ±.0625 Scale: Sheet: 5 of 8



**Roof Panel Layout**

Rev Date & Description:

Date: 11/19/15 Drawn By: SCB

**Superior Recreational Products**

Description: 12' x 137' AS Cantilevered Shelter 2:12 Pitch; R-panel Roof

Job Site: Highland HS, 4700 Coal Ave. SE, Albuquerque, NM 87108

Rev: Drawing Number: QU00082039

Size: A Units: Inch Tol: ±.0625 Scale: Sheet: 6 of 8

**NOTE:**  
ALL ITEMS LABELED AS N.I.C. ARE INCLUDED IN PROJECT SCOPE AND SHALL BE CONSTRUCTED BY THE APPROPRIATE ON-CALL CONTRACTOR

**RECORD DRAWING**

**HIGH MESA Consulting Group**

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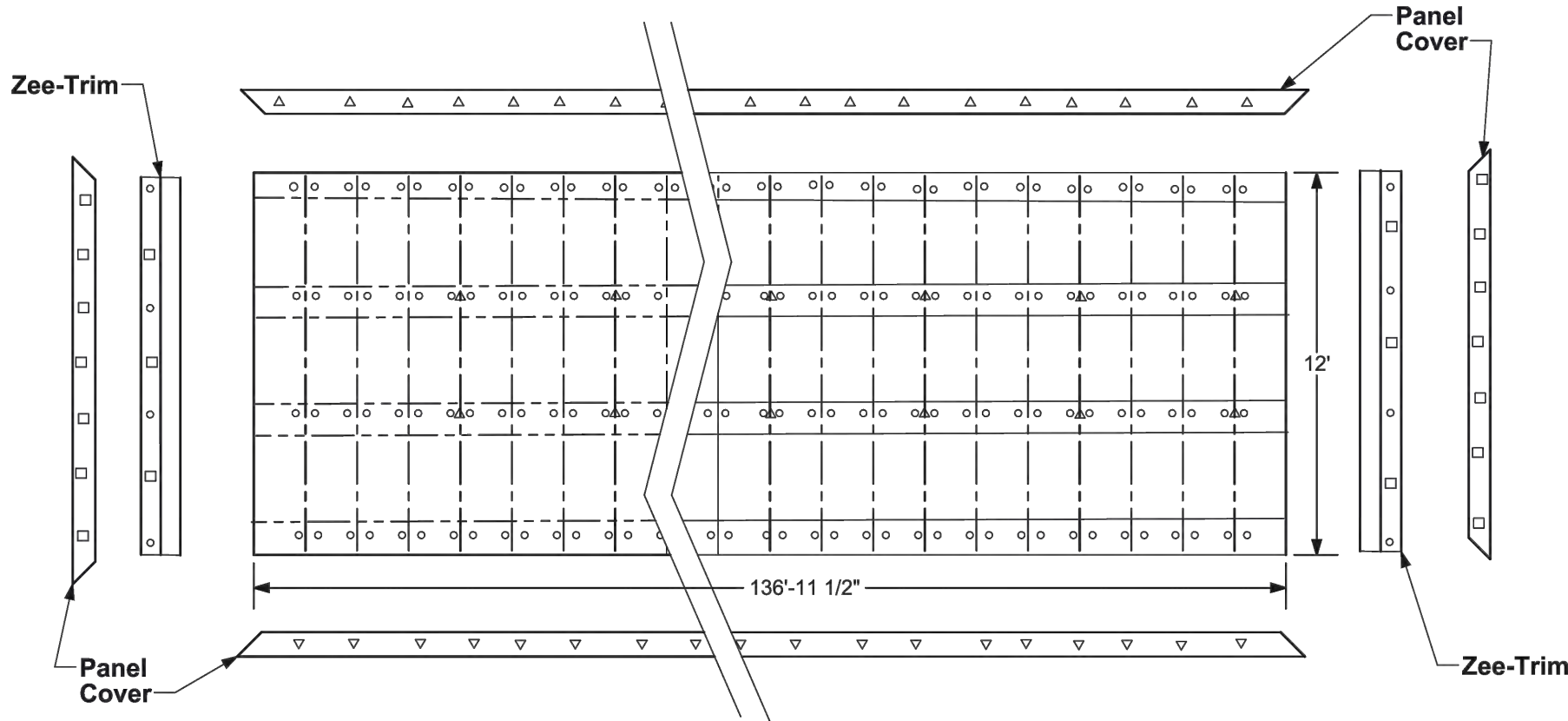
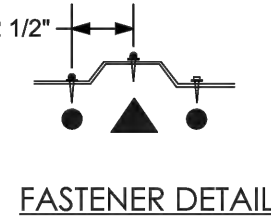
**SHELTER STRUCTURAL DETAILS - FRAMING AND FOUNDATIONS**  
**BUSBAY IMPROVEMENTS**  
**HIGHLAND HIGH SCHOOL**  
**4700 COAL AVENUE S.E.**

DESIGNED BY	NO.	DATE	BY	REVISIONS	JOB NO.
SUPERIOR	1	1/16	J.G.M.	ADD THIS SHEET	2014.181.4
SUPERIOR	2	5/16	J.D.S.	RECORD DRAWING	DATE 12-2015
APPROVED BY					SHEET 8 OF 9

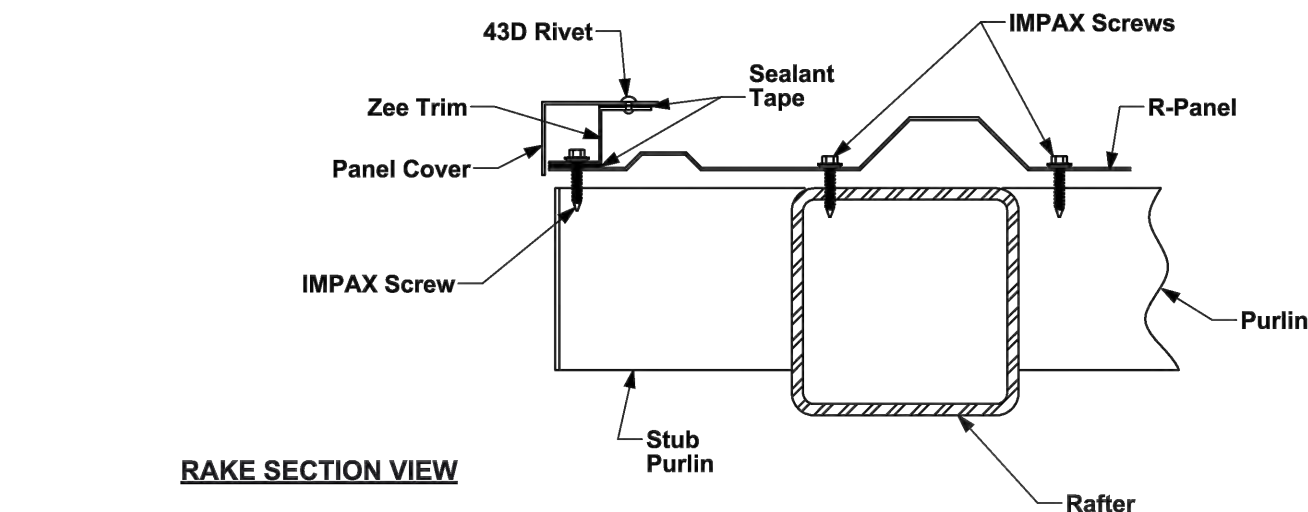
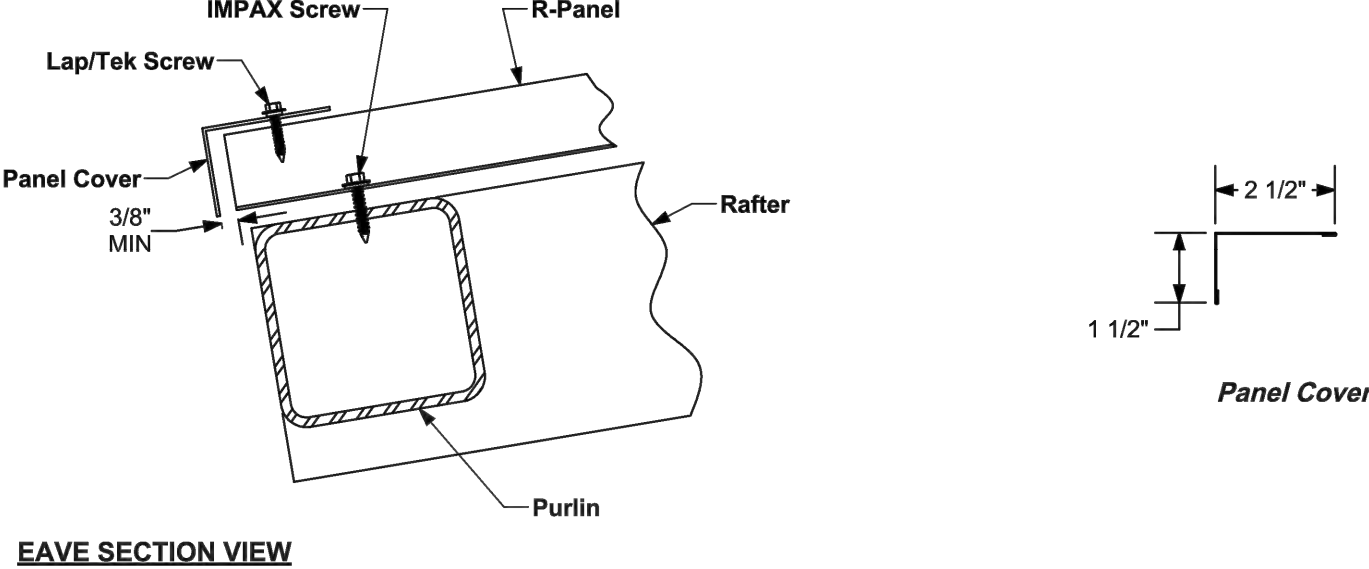


File Path: P:\DWG\2014\181\181.dwg Plot Date: 05-12-2016  
File Name: 141814\_S19-R2.DWG Plot Time: 10:15 am

- 1-1/4" IMPAX SCREWS  
(Roof Panels -to- Structural Steel)
- 7/8" Lap/Tek Screw  
(Trim & Panel Overlaps)
- 43d Pop Rivet



S SUPERIOR RECREATIONAL PRODUCTS	Roofing Screw Schedule	Superior Recreational Products	Description: 12' x 137' AS Cantilevered Shelter 2:12 Pitch; R-panel Roof					
	Rev Date & Description: Date: 11/19/15 Drawn By: SCB	THE DOCUMENT AND THE INFORMATION CONTAINED HEREIN IS THE EXCLUSIVE PROPERTY OF SUPERIOR RECREATIONAL PRODUCTS AND HAS BEEN PROVIDED TO YOU IN CONFIDENCE. THIS DOCUMENT AND THE INFORMATION HEREIN MAY NOT BE DISCLOSED OR PROVIDED TO ANY THIRD PARTY OR USED, COPIED, PHOTOGRAPHED OR OTHERWISE REPRODUCED WITHOUT PRIOR EXPRESS WRITTEN PERMISSION OF SUPERIOR RECREATIONAL PRODUCTS. 1050 Columbia Drive, Carrollton GA 30117 Toll Free: 800-327-8774 Local: 770-832-6660	Job Site: Highland HS 4700 Coal Ave. SE Albuquerque, NM 87108	Rev: A	Units: Inch	Tol.: ± .0025 Unless Otherwise Specified	Scale: Varies	Sheet: 7 of 8



S SUPERIOR RECREATIONAL PRODUCTS	Roofing Trim Details	Superior Recreational Products	Description: 12' x 137' AS Cantilevered Shelter 2:12 Pitch; R-panel Roof					
	Rev Date & Description: Date: 10/8/15 Drawn By: SCB	THE DOCUMENT AND THE INFORMATION CONTAINED HEREIN IS THE EXCLUSIVE PROPERTY OF SUPERIOR RECREATIONAL PRODUCTS AND HAS BEEN PROVIDED TO YOU IN CONFIDENCE. THIS DOCUMENT AND THE INFORMATION HEREIN MAY NOT BE DISCLOSED OR PROVIDED TO ANY THIRD PARTY OR USED, COPIED, PHOTOGRAPHED OR OTHERWISE REPRODUCED WITHOUT PRIOR EXPRESS WRITTEN PERMISSION OF SUPERIOR RECREATIONAL PRODUCTS. 1050 Columbia Drive, Carrollton GA 30117 Toll Free: 800-327-8774 Local: 770-832-6660	Job Site: Highland HS 4700 Coal Ave. SE Albuquerque, NM 87108	Rev: A	Units: Inch	Tol.: ± .0025 Unless Otherwise Specified	Scale: Varies	Sheet: 8 of 8

QUO0082039 - 12' x 137' (AS) Cantilever Shelter -BOM  
2:12 pitch; R-Panel Roof

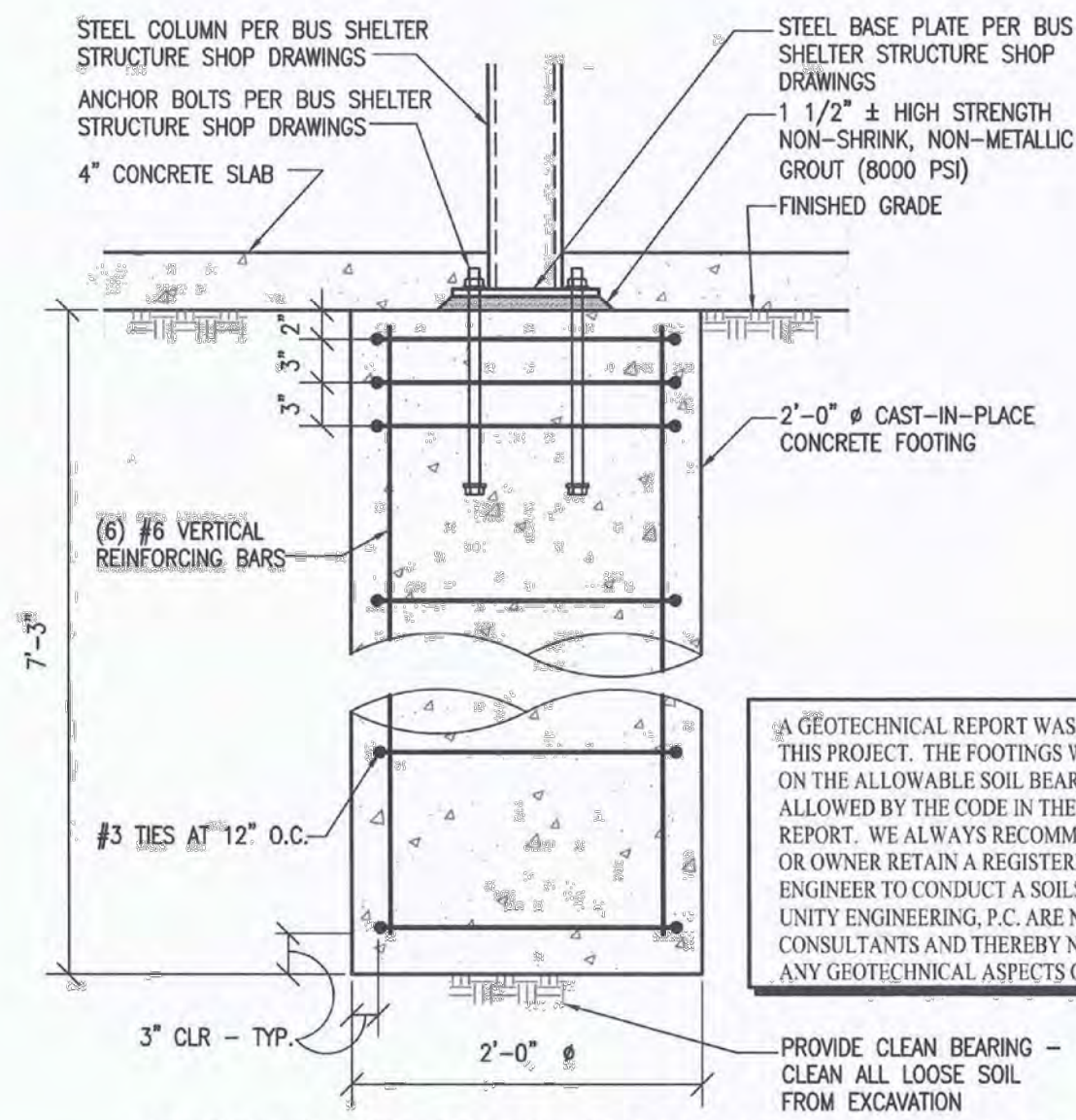
QUO0080239 - 12' x 137' (AS) Cantilever Shelter  
Anchors and Hardware

CALLOUT	PART #	DESCRIPTION	QTY
C1	PSA-2781XX	Column, 7" x 5" x 3/16" x 128 1/8" w/ gusset	11
RF	AFB-31738XX	Rafter 7" x 5" x 3/16" x 144 7/8	11
P1	AFB-31739XX	Purlin, 4" x 4" x 1/8" x 163"	32
P2	AFB-31741XX	Purlin, 4" x 4" x 1/8" x 115"	8
P3	AFB-31740XX	Purlin, 4" x 4" x 1/8" x 27 1/2"	8
HARDWARE:			
	HWB0168	Bolt 3/4"-10 x 2" A325	231
	HWWR0055	Washer 3/4" ID x OD x thick Flat F436.	231
LITCH TOP PRE-CUT METAL ROOF:			
	RMMR00001	24ga. R-Panel 36" Wide	46
	RMMR00058	Panel Cover for 90 degrees x 10'-3" (7-90PC)	32
	RMMR00081	Zee trim for R- Panel x 10'-3"	3
	HWS0044	#12-24 HWH P.S. IMPAX45 Screw (Self Drill/Tapping)	1600
	HWS0072	Screw 1/4"-#14 x 7/8" Lap/Tek Self Driller w/ Washer	700
	HWM0173	Rivet 43D Pop	100
	HWM0472	Tape, Sealant - 3/32" x 1" x 45' Roll - Gray (For Metal Roof)	2
	TouchUp	Touch-Up Paint [Frame Color] (Cans)	1
	ThouchUp	Touch-Up Paint [Roof Color] (Cans)	1

CALLOUT	PART NUMBER	DESCRIPTION	QTY
ANCHORING HARDWARE:			
	N/A	Anchor Bolt Template - 13" x 13" (w/ 7/8" holes)	11
	HWAO049	Anchor ASTM F1554 GR36 3/4"-10 x 16" w/ tack welded nut	44
	HWWR0055	Washer 3/4" ID x 1 1/2" OD x thick Flat F436	88
	HWNO089	Nut 3/4"-10 A563 HH Plain	88

NOTE: THE ABOVE MATERIALS LIST PROVIDED BY SUPERIOR RECREATIONAL PRODUCTS AND IS INCLUDED FOR REFERENCE.

NOTE: THE ABOVE MATERIALS LIST PROVIDED BY SUPERIOR RECREATIONAL PRODUCTS AND IS INCLUDED FOR REFERENCE.



HIGHLAND HIGH SCHOOL 4700 COAL AVE SE ALBUQUERQUE, NM 87108		CANTILEVERED BUS SHELTER SCALE: N.T.S.	DESIGNED BY: UNITY ENGINEERING, P.C. DATE: FEBRUARY 1, 2016	SHEET SK1
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RECORD DRAWING

HIGH MESA Consulting Group

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

SHELTER STRUCTURAL DETAILS - ROOFING, MATERIALS LIST AND FOOTING  
BUSBAY IMPROVEMENTS  
HIGHLAND HIGH SCHOOL  
4700 COAL AVENUE S.E.

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			2	5/16	J.D.S.	RECORD DRAWING	SHEET 9 OF 9