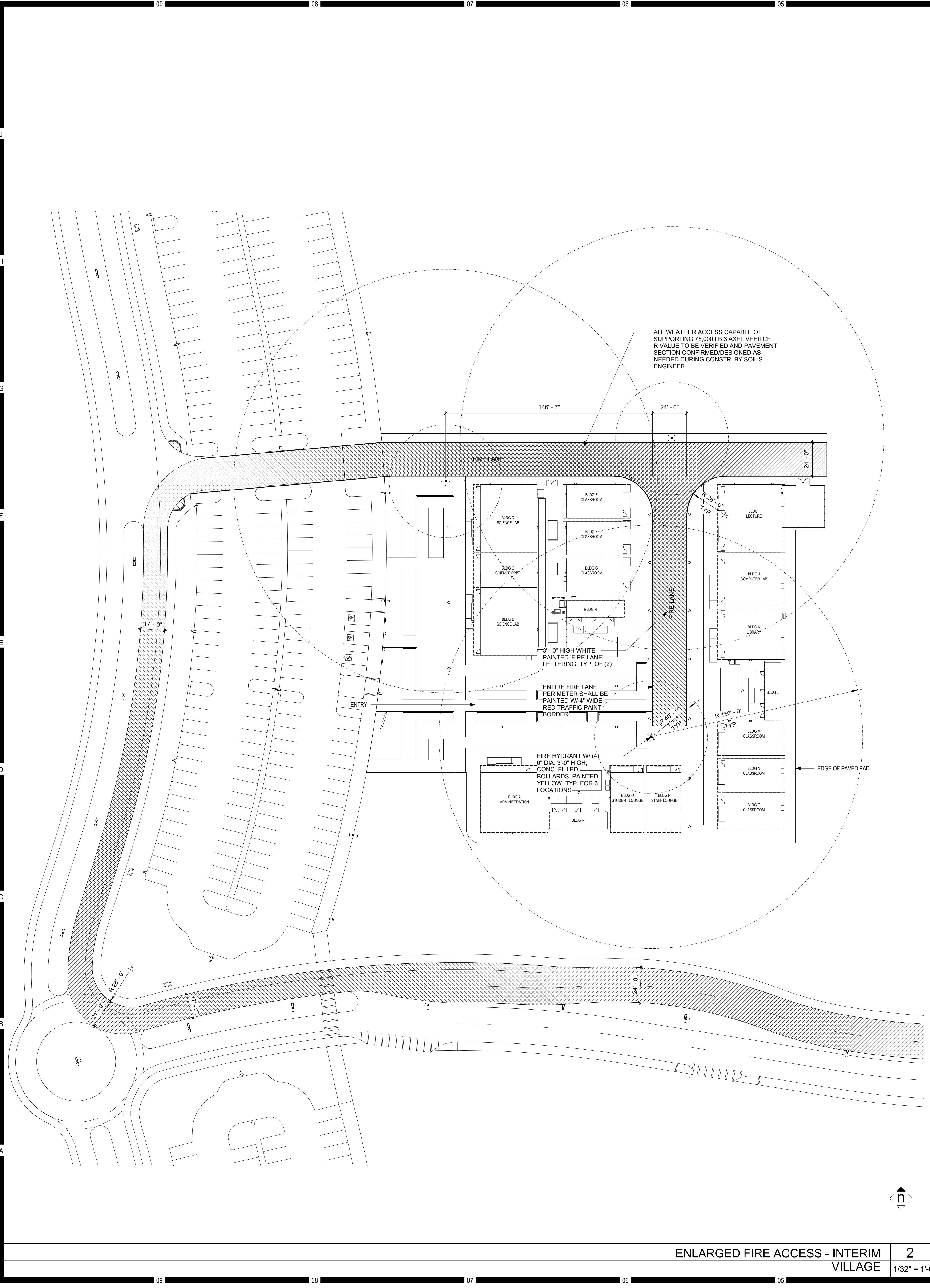


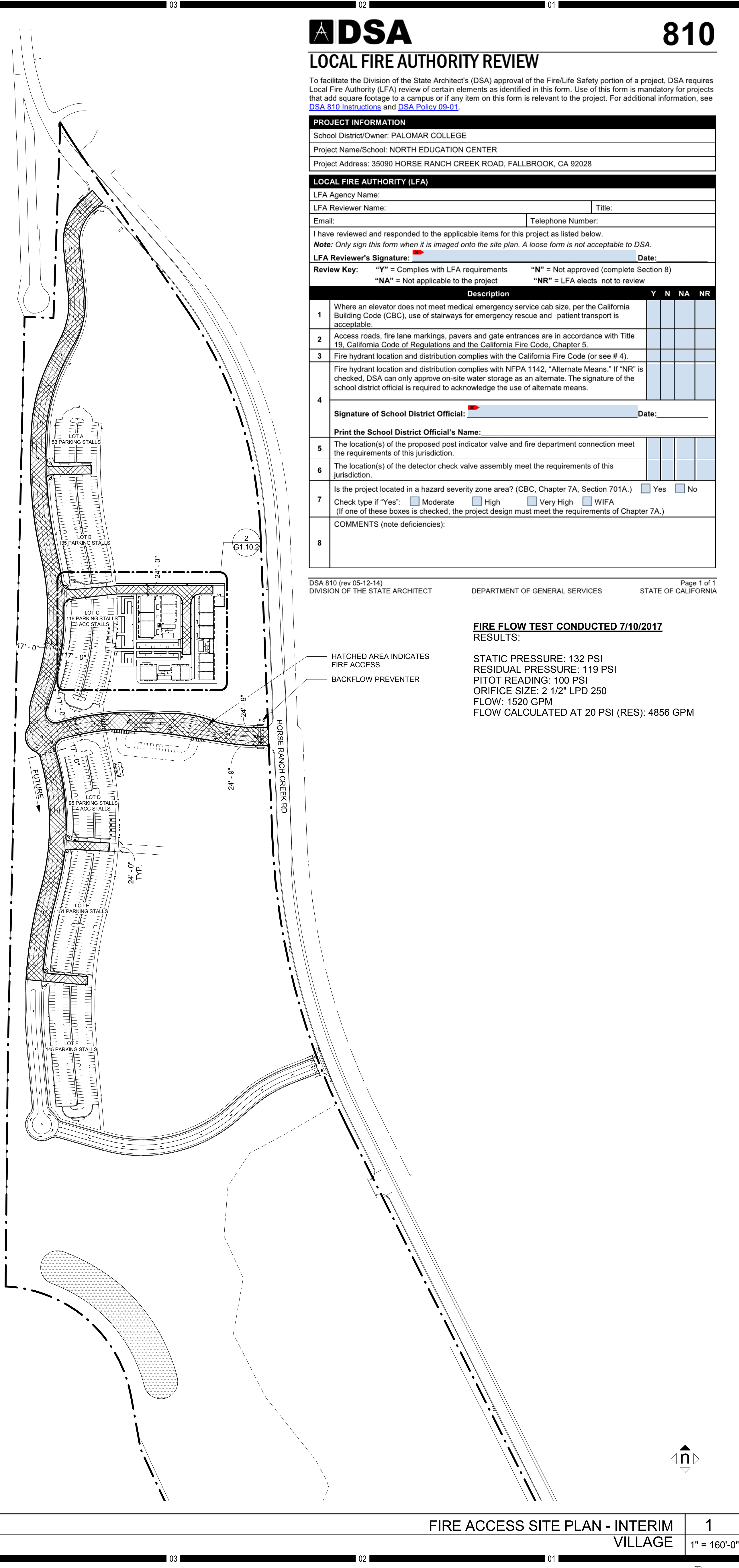




C:\Revit Local Files\5015019\_A17\_Central\_acohteras.rvt



ENLARGED FIRE ACCESS - INTERIM VILLAGE 2  
1/32" = 1'-0"



FIRE ACCESS SITE PLAN - INTERIM VILLAGE 1  
1" = 160'-0"



## LOCAL FIRE AUTHORITY REVIEW

To facilitate the Division of the State Architect's (DSA) approval of the Fire/Life Safety portion of a project, DSA requires Local Fire Authority (LFA) review of certain elements as identified in this form. Use of this form is mandatory for projects that add square footage to a campus or if any item on this form is relevant to the project. For additional information, see [DSA 810 Instructions](#) and [DSA Policy 08-41](#).

<b>PROJECT INFORMATION</b>					
School District/Owner: PALOMAR COLLEGE					
Project Name/School: NORTH EDUCATION CENTER					
Project Address: 35090 HORSE RANCH CREEK ROAD, FALLBROOK, CA 92028					
<b>LOCAL FIRE AUTHORITY (LFA)</b>					
LFA Agency Name:					
LFA Reviewer Name:		Title:			
Email:		Telephone Number:			
I have reviewed and responded to the applicable items for this project as listed below.					
<b>Note:</b> Only sign this form when it is imaged onto the site plan. A loose form is not acceptable to DSA.					
LFA Reviewer's Signature:		Date:			
<b>Review Key:</b> "Y" = Complies with LFA requirements "N" = Not approved (complete Section 8) "NA" = Not applicable to the project "NR" = LFA elects not to review					
	Description	Y	N	NA	NR
1	Where an elevator does not meet medical emergency service cab size, per the California Building Code (CBC), use of stairways for emergency rescue and patient transport is acceptable.				
2	Access roads, fire lane markings, pavers and gate entrances are in accordance with Title 19, California Code of Regulations and the California Fire Code, Chapter 5.				
3	Fire hydrant location and distribution complies with the California Fire Code (or see #4).				
4	Fire hydrant location and distribution complies with NFPA 1142, "Alternate Means." If "NR" is checked, DSA can only approve on-site water storage as an alternate. The signature of the school district official is required to acknowledge the use of alternate means.				
Signature of School District Official:		Date:			
<b>Print the School District Official's Name:</b>					
5	The location(s) of the proposed post indicator valve and fire department connection meet the requirements of this jurisdiction.				
6	The location(s) of the detector check valve assembly meet the requirements of this jurisdiction.				
7	Is the project located in a hazard severity zone area? (CBC, Chapter 7A, Section 701A.)	Yes	No		
Check type if "Yes": <input type="checkbox"/> Moderate <input type="checkbox"/> High <input type="checkbox"/> Very High <input type="checkbox"/> WIFA (If one of these boxes is checked, the project design must meet the requirements of Chapter 7A.)					
8	COMMENTS (note deficiencies):				

DSA 810 (rev 05-12-14) Page 1 of 1  
DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA

### FIRE FLOW TEST CONDUCTED 7/10/2017 RESULTS:

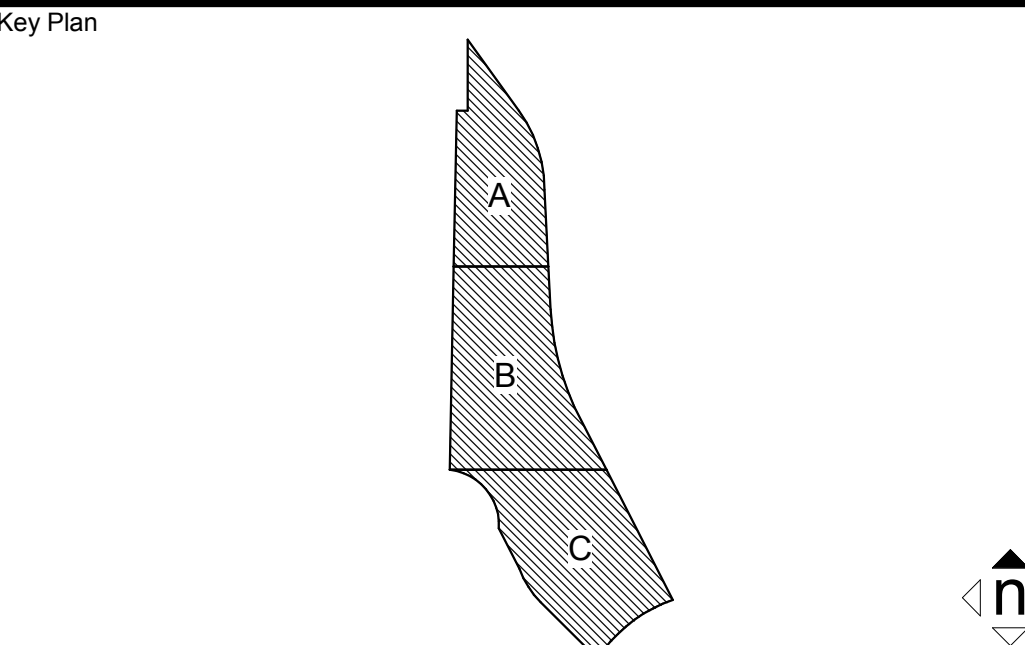
STATIC PRESSURE: 132 PSI  
RESIDUAL PRESSURE: 119 PSI  
PITOT READING: 100 PSI  
ORIFICE SIZE: 2 1/2" LPD 250  
FLOW: 1520 GPM  
FLOW CALCULATED AT 20 PSI (RES): 4856 GPM

HATCHED AREA INDICATES FIRE ACCESS  
BACKFLOW PREVENTER

HMC Architects

3546 Concourse Street / Ontario, CA 91764  
T 909 989 9979 / www.hmcarchitects.com

## LEGEND



Consultant Seal	Agency Approval IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APPL. 04-116580 ACS____ FLS____ SSS____ DATE____
-----------------	--

Project Title	Palomar North Education Center - Interim Village
Palomar College	35090 Horse Ranch Creek Road Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

## Drawing Title: LOCAL FIRE AUTHORITY ACCESS SITE PLAN

Architect's Seal	Designed: BL	Project No. 5015019-102
Drawn: AC, MB	Scale: As indicated	
QAQC: SC	Drawing No. G1.10.2	
Date: 10/06/2017		





GENERAL NOTES AND REQUIREMENTS

- IMPORT MATERIAL SHALL BE OBTAINED FROM A LEGAL SITE.
- A CONSTRUCTION, EXCAVATION OR ENCROACHMENT PERMIT FROM THE DEPARTMENT OF PUBLIC WORKS WILL BE REQUIRED FOR ANY WORK IN THE COUNTY RIGHT-OF-WAY.
- ALL SLOPES OVER THREE FEET IN HEIGHT WILL BE PLANTED IN ACCORDANCE WITH SAN DIEGO COUNTY SPECIFICATIONS.
- THE CONTRACTOR SHALL VERIFY THE EXISTENCE AND LOCATION OF ALL UTILITIES BEFORE COMMENCING WORK. NOTICE OF PROPOSED WORK SHALL BE GIVEN TO THE FOLLOWING AGENCIES: PHONE NUMBER:  
SAN DIEGO GAS AND ELECTRIC: (658)636-3980  
AT&T TELEPHONE: (658)886-1901  
CATV (TIME WARNER CABLE): (658)635-8402  
SEWER (RAINBOW MUNICIPAL WATER DISTRICT): (760)728-1125  
WATER (RAINBOW MUNICIPAL WATER DISTRICT): (760)728-1125
- A SOILS REPORT MAY BE REQUIRED PRIOR TO THE ISSUANCE OF A BUILDING PERMIT.
- APPROVAL OF THESE PLANS BY THE DEPARTMENT OF THE STATE ARCHITECT (DSA) DOES NOT AUTHORIZE ANY WORK OR GRADING TO BE PERFORMED UNTIL THE PROPERTY OWNER'S PERMISSION HAS BEEN OBTAINED.
- ALL OPERATIONS CONDUCTED ON THE PREMISES, INCLUDING THE WARMING UP, REPAIR, ARRIVAL, DEPARTURE OR RUNNING OF TRUCKS, EARTHMOVING EQUIPMENT, CONSTRUCTION EQUIPMENT AND ANY OTHER ASSOCIATED GRADING EQUIPMENT SHALL BE LIMITED TO THE PERIOD BETWEEN 7:00AM AND 6:00PM EACH DAY, MONDAY THROUGH SATURDAY, AND NO EARTHMOVING OR GRADING OPERATIONS SHALL BE CONDUCTED ON THE PREMISES ON SUNDAYS OR HOLIDAYS.
- ALL MAJOR SLOPES SHALL BE ROUNDED INTO EXISTING TERRAIN TO PRODUCE A CONTOURED TRANSITION FROM CUT OR FILL FACES TO NATURAL GROUND AND ABUTTING CUT OR FILL SURFACES.
- NOTWITHSTANDING THE MINIMUM STANDARDS SET FORTH IN THE GRADING ORDINANCE AND NOTWITHSTANDING THE APPROVAL OF THESE GRADING PLANS, THE PERMITTEE IS RESPONSIBLE FOR THE PREVENTION OF DAMAGE TO ADJACENT PROPERTY. NO PERSON SHALL EXCAVATE ON LAND SO CLOSE TO THE PROPERTY LINE AS TO ENDANGER ANY ADJOINING PUBLIC STREET, SIDEWALK, ALLY, FUNCTION OF ANY SEWAGE DISPOSAL SYSTEM, OR ANY OTHER PUBLIC OR PRIVATE PROPERTY WITHOUT SUPPORTING AND PROTECTING SUCH PROPERTY FROM SETTLING, CRACKING, EROSION, SILTING, SCOUR OR OTHER DAMAGE WHICH MIGHT RESULT FROM THE GRADING DESCRIBED ON THIS PLAN. THE COUNTY WILL HOLD THE PERMITTEE RESPONSIBLE FOR CORRECTION OF NON-DEDICATED IMPROVEMENTS WHICH DAMAGE ADJACENT PROPERTY.
- SLOPE RATIOS: CUT--2:1, FILL--2:1

STORM WATER MANAGEMENT NOTES

- DURING THE RAINY SEASON THE AMOUNT OF EXPOSED SOIL ALLOWED AT ONE TIME SHALL NOT EXCEED THAT WHICH CAN BE ADEQUATELY PROTECTED BY THE PROPERTY OWNER IN THE EVENT OF A RAINSTORM. 125% SHALL BE RETAINED ON THE JOB SITE IN A MANNER THAT ALLOWS FULL DEPLOYMENT AND COMPLETE INSTALLATION IN 48 HOURS OR LESS OF A FORECAST RAIN.
- ANY DISTURBED AREA THAT IS NOT ACTIVELY GRADED FOR 15 DAYS MUST BE FULLY PROTECTED FROM EROSION. UNTIL ADEQUATE LONGTERM PROTECTIONS ARE INSTALLED, THE DISTURBED AREA SHALL BE INCLUDED WHEN CALCULATING THE ACTIVE DISTURBANCE AREA. ALL EROSION CONTROL MEASURES SHALL REMAIN INSTALLED AND MAINTAINED DURING ANY INACTIVE PERIOD.
- THE PROPERTY OWNER IS OBLIGATED TO INSURE COMPLIANCE WITH ALL APPLICABLE STORM WATER REGULATIONS AT ALL TIMES. THE B.M.P.'S (BEST MANAGEMENT PRACTICES) THAT HAVE BEEN INCORPORATED INTO THIS PLAN SHALL BE IMPLEMENTED AND MAINTAINED TO EFFECTIVELY PREVENT THE POTENTIALLY NEGATIVE IMPACTS OF THIS PROJECT'S CONSTRUCTION ACTIVITIES ON STORM WATER QUALITY. THE MAINTENANCE OF THE B.M.P.'S IS THE PERMITTEE'S RESPONSIBILITY, AND FAILURE TO PROPERLY INSTALL OR MAINTAIN THE B.M.P.'S MAY RESULT IN ENFORCEMENT ACTION. IF INSTALLED B.M.P.'S FAIL, THEY MUST BE REPAIRED OR REPLACED WITH AN ACCEPTABLE ALTERNATE WITHIN 24 HOURS, OR AS SOON AS SAFE TO DO SO.
- A NOTICE OF INTENT (NOI) HAS BEEN, OR WILL BE FILED WITH THE STATE WATER RESOURCES CONTROL BOARD (SWRCB) AND THAT A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) HAS BEEN OR WILL BE PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF CALIFORNIA GENERAL PERMIT FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY (PERMIT NO. CAS000002) FOR ALL OPERATIONS ASSOCIATED WITH THESE PLANS. THE NOI NUMBER ASSIGNED BY SWRCB FOR THIS PROJECT IS [WDID#]. THE PERMITTEE SHALL KEEP A COPY OF THE SWPPP ON SITE AND AVAILABLE FOR REVIEW BY COUNTY

EMERGENCY EROSION CONTROL MEASURES NOTES

- ALL BUILDING PADS TO BE DIKED AND THE DIKES MAINTAINED TO PREVENT WATER FROM FLOWING FROM THE PAD UNTIL THE STREETS AND DRIVEWAYS ARE PAVED AND WATER CAN FLOW FROM THE PADS WITHOUT CAUSING EROSION, OR CONSTRUCT DRAINAGE FACILITIES TO THE SATISFACTION OF THE COUNTY DEPARTMENT OF PUBLIC WORKS THAT WILL ALLOW WATER TO DRAIN FROM THE PAD WITHOUT CAUSING EROSION.
- TOPS OF ALL SLOPES TO BE DIKED OR TRENCHED TO PREVENT WATER FROM FLOWING OVER THE CREST OF THE SLOPES.
- MANUFACTURED SLOPES AND PADS SHALL BE ROUNDED VERTICALLY AND HORIZONTALLY AS APPROPRIATE TO BLEND WITH THE SURROUNDING TOPOGRAPHY.
- AS SOON AS CUTS OR EMBANKMENTS ARE COMPLETED, BUT NOT LATER THAN OCTOBER 1, ALL CUT AND FILL SLOPES SHALL BE STABILIZED WITH A HYDROMULCH MIXTURE OR AN EQUAL TREATMENT APPROVED BY THE COUNTY DEPARTMENT OF PUBLIC WORKS. BETWEEN OCTOBER 1, AND APRIL 15, APPROVED SLOPE PROTECTION MEASURES SHALL PROCEED IMMEDIATELY BEHIND THE EXPOSURE OF CUT SLOPES AND/OR THE CREATION OF EMBANKMENT SLOPES.
- CATCH BASINS, DESILTING BASINS AND STORM DRAIN SYSTEMS SHALL BE INSTALLED TO THE SATISFACTION OF THE REGIONAL WATER QUALITY CONTROL BOARD.
- GRAVEL BAG CHECK DAMS TO BE PLACED IN UNPAVED STREETS WITH GRADIENTS IN EXCESS OF 2% AND ON OR IN OTHER GRADED OR EXCAVATED AREAS AS REQUIRED.
- THE DEVELOPER TO MAINTAIN THE PLANTING AND EROSION CONTROL MEASURES DESCRIBED ABOVE. THE DEVELOPER TO REMOVE ALL SOIL INTERCEPTED BY THE GRAVEL BAGS, CATCH BASINS AND DESILTING BASINS AND KEEP THESE FACILITIES CLEAN AND FREE OF SILT AND SAND. THE DEVELOPER SHALL REPAIR ANY ERODED SLOPES.

SILTATION AND SEDIMENT CONTROL MEASURES NOTES

- THE SEDIMENT BASINS SHALL BE PROVIDED AT THE LOWER END OF EVERY DRAINAGE AREA PRODUCING SEDIMENT RUNOFF. THE BASINS SHALL BE MAINTAINED AND CLEANED TO DESIGN CONTOURS AFTER EVERY RUNOFF PRODUCING STORM. THE BASINS SHOULD BE SEMIPERMANENT STRUCTURES THAT WOULD REMAIN UNTIL SOIL STABILIZING VEGETATION HAS BECOME WELL ESTABLISHED ON ALL ERODIBLE SLOPES.
- SEDIMENTATION BASINS MAY NOT BE REMOVED OR MADE INOPERATIVE WITHOUT PRIOR APPROVAL OF THE ENGINEER.
- SEWER OR STORM DRAIN TRENCHES THAT ARE CUT THROUGH BASIN DIKES OR BASIN INLET DIKES SHALL BE PLUGGED WITH GRAVEL BAGS FROM TOP OF PIPE TO TOP OF DIKE.
- ALL UTILITY TRENCHES SHALL BE BLOCKED AT THE PRESCRIBED INTERVALS WITH A DOUBLE ROW OF GRAVEL BAGS WITH A TOP ELEVATION LEVEL WITH, AND TWO GRAVEL BAGS BELOW, THE GRADED SURFACE OF THE STREET. GRAVEL BAGS ARE TO BE PLACED WITH LAPPED COURSES. THE INTERVALS PRESCRIBED BETWEEN GRAVEL BAG BLOCKING SHALL DEPEND ON THE SLOPE OF THE GROUND SURFACE, BUT NOT EXCEED THE FOLLOWING:

GRADE OF THE STREET	INTERVAL
LESS THAN 2%	AS REQUIRED
2% TO 4%	100 FEET
4% TO 10%	50 FEET
OVER	10% 25 FEET

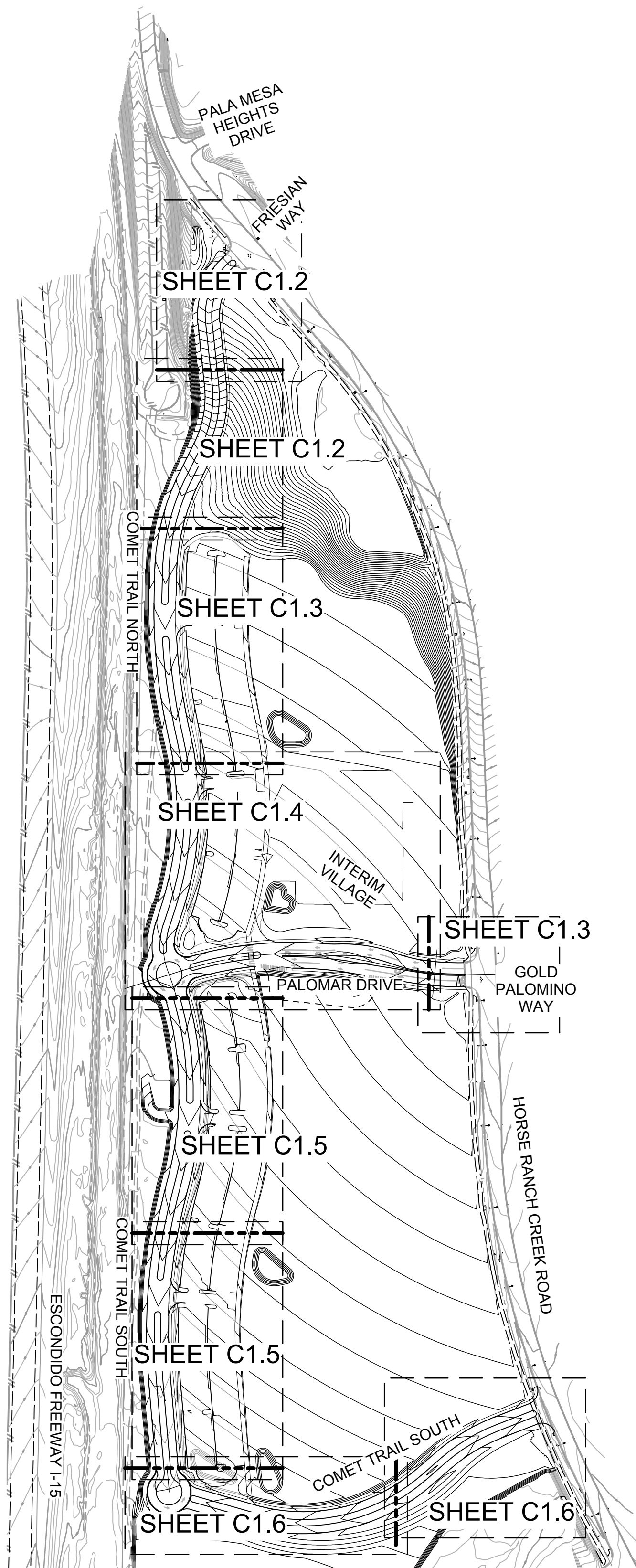
- AFTER UTILITY TRENCHES ARE BACKFILLED AND COMPACTED, THE SURFACES OVER SUCH TRENCHES SHALL BE MOUNDED SLIGHTLY TO PREVENT CHANNELING OF WATER IN THE TRENCH AREA. CARE SHOULD BE EXERCISED TO PROVIDE FOR CROSS FLOW AT FREQUENT INTERVALS WHERE TRENCHES ARE NOT ON THE CENTERLINE OF A CROWNED STREET.
- ALL BUILDING PADS SHOULD BE SLOPED TOWARDS THE DRIVEWAYS AND VELOCITY CHECK DAMS PROVIDED AT THE BASE OF ALL DRIVEWAYS DRAINING INTO THE STREET.
- PROVIDE VELOCITY CHECK DAMS IN ALL UNPAVED GRADED CHANNELS AT THE INTERVALS INDICATED BELOW:

GRADE OF CHANNEL	INTERVALS BETWEEN CHECK DAMS
LESS THAN 3%	100 FEET
3% TO 6%	50 FEET
OVER 6%	25 FEET
- PROVIDE VELOCITY CHECK DAMS IN ALL STREET AREAS ACCORDING TO INTERVALS INDICATED BELOW. VELOCITY CHECK DAMS MAY BE CONSTRUCTED OF GRAVEL BAGS, TIMBER, OR OTHER EROSION RESISTANT MATERIALS, AND SHALL EXTEND COMPLETELY ACROSS THE STREET OR CHANNEL AT RIGHT ANGLES TO THE CENTERLINE. VELOCITY CHECK DAMS MAY ALSO SERVE AS SEDIMENT TRAPS.

GRADE OF STREET	INTERVAL	NUMBER OF BAGS HIGH
LESS THAN 2%	AS REQUIRED	
	200 FEET MAX	1
2% TO 4%	100 FEET	1
4% TO 6%	50 FEET	1
6% TO 10%	50 FEET	2
OVER 10%	25 FEET	2

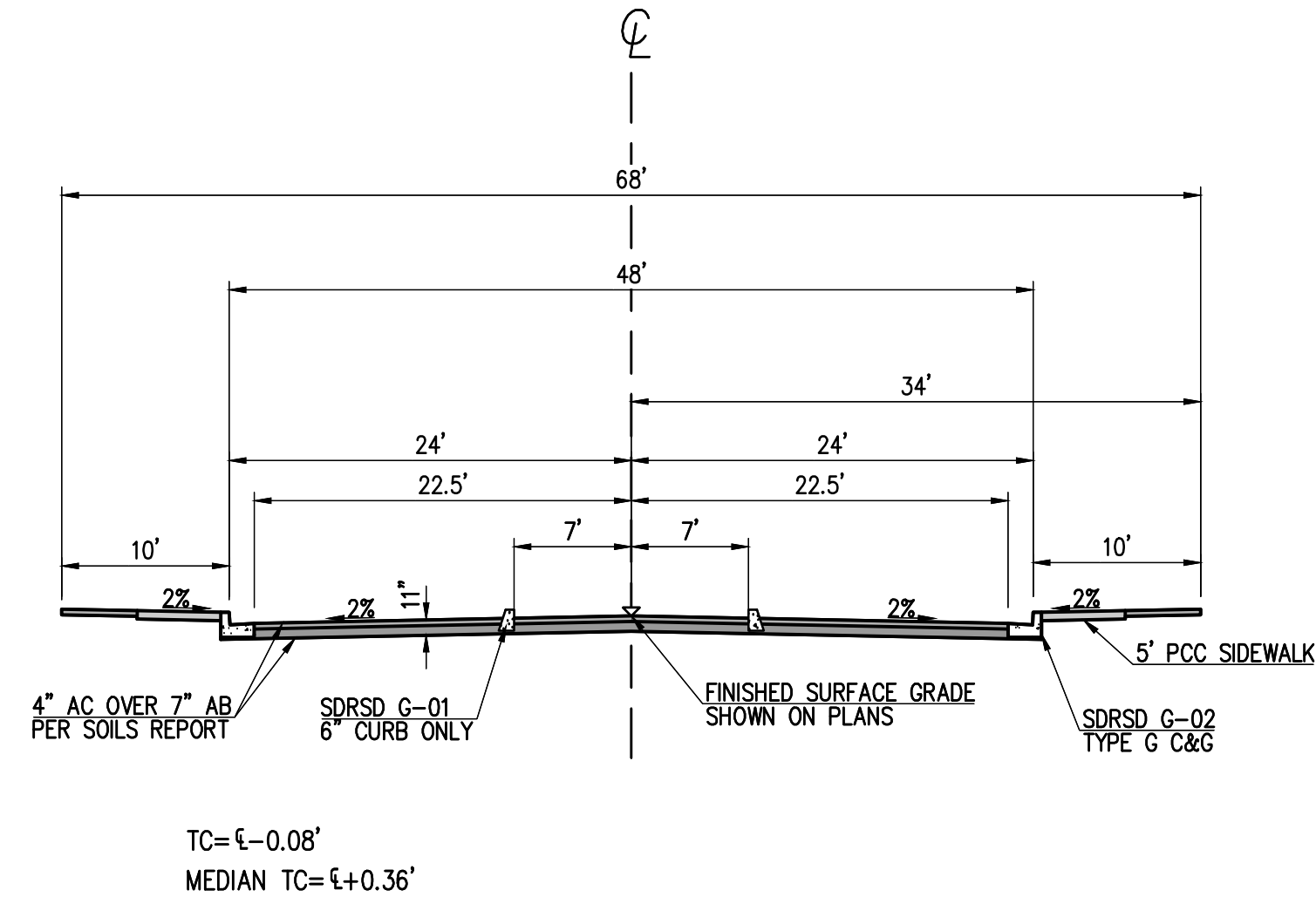
- PROVIDE A GRAVEL BAG SILT BASIN OR TRAP BY EVERY STORM DRAIN INLET TO PREVENT SEDIMENT FROM ENTERING DRAIN SYSTEM.
- GRAVEL BAGS AND FILL MATERIAL SHALL BE STOCKPILED AT INTERVALS, READY FOR USE WHEN REQUIRED.
- ALL EROSION CONTROL DEVICES WITHIN THE DEVELOPMENT SHOULD BE MAINTAINED DURING AND AFTER EVERY RUNOFF PRODUCING STORM, IF POSSIBLE, MAINTENANCE CREWS WOULD BE REQUIRED TO HAVE ACCESS TO ALL AREAS.
- PROVIDE ROCK RIPRAP ON CURVES AND STEEP DROPS IN ALL EROSION PRONE DRAINAGE CHANNELS DOWNSTREAM FROM THE DEVELOPMENT. THIS PROTECTION WOULD REDUCE EROSION CAUSED BY THE INCREASED FLOWS THAT MAY BE ANTICIPATED FROM DENUEDED SLOPES, OR IMPERVIOUS SURFACES.

- ANY PROPOSED ALTERNATE CONTROL MEASURES MUST BE APPROVED IN ADVANCE BY ALL RESPONSIBLE AGENCIES; I.E., THE REGIONAL WATER QUALITY CONTROL BOARD. THE USE OF BFM'S IS SUBJECT TO THE FOLLOWING LIMITATIONS AND RESTRICTIONS:
- APPLICATION RATES SHALL BE 3500 POUNDS PER ACRE MINIMUM FOR 2:1 OR SHALLOWER SLOPES AND 4000 POUNDS PER ACRE FOR SLOPES STEEPER THAN 2:1.
  - BFM SHALL BE APPLIED AT LEAST 24 HOURS BEFORE OR AFTER RAINFALL.
  - THE SITE MUST BE PROTECTED WITH BROW DITCHES AND / OR DIVERSION BERMS AT THE TOP OF SLOPES TO DIVERT FLOW FROM THE FACE OF THE SLOPE.
  - BFM SHALL BE APPLIED TO PROVIDE 100% COVERAGE (I.E. APPLICATION FROM MULTIPLE ANGLES).
  - FOR PERMANENT EROSION CONTROL PURPOSES, BFM MUST BE INSTALLED IN CONJUNCTION WITH SEEDED EROSION CONTROL VEGETATION.
  - A LETTER FROM THE HYDROSEED CONTRACTOR CERTIFYING THAT THE BFM HAS BEEN INSTALLED IN ACCORDANCE WITH THE APPROVED APPLICATION RATES AND COVERAGE REQUIREMENTS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

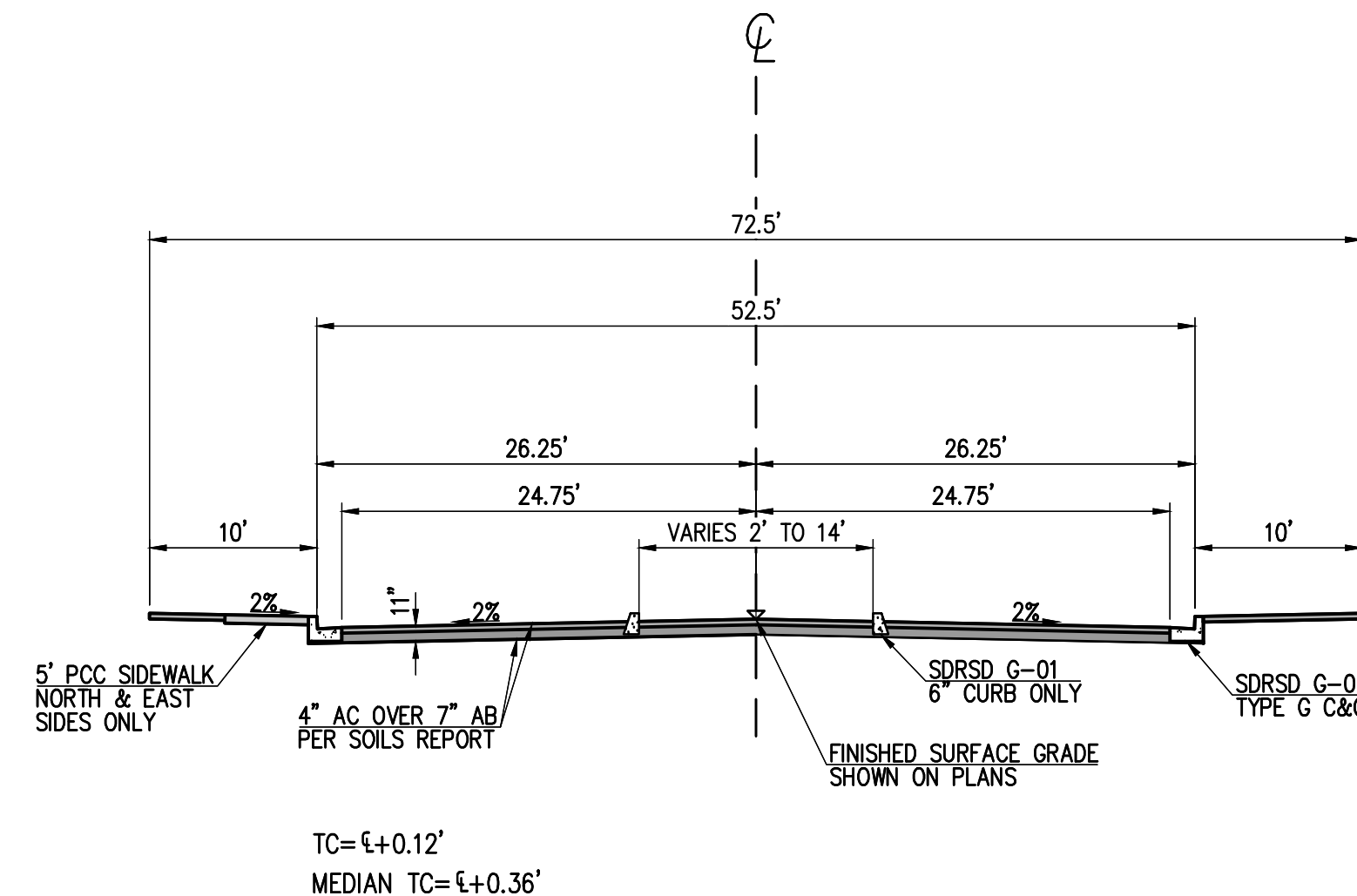


SHEET INDEX

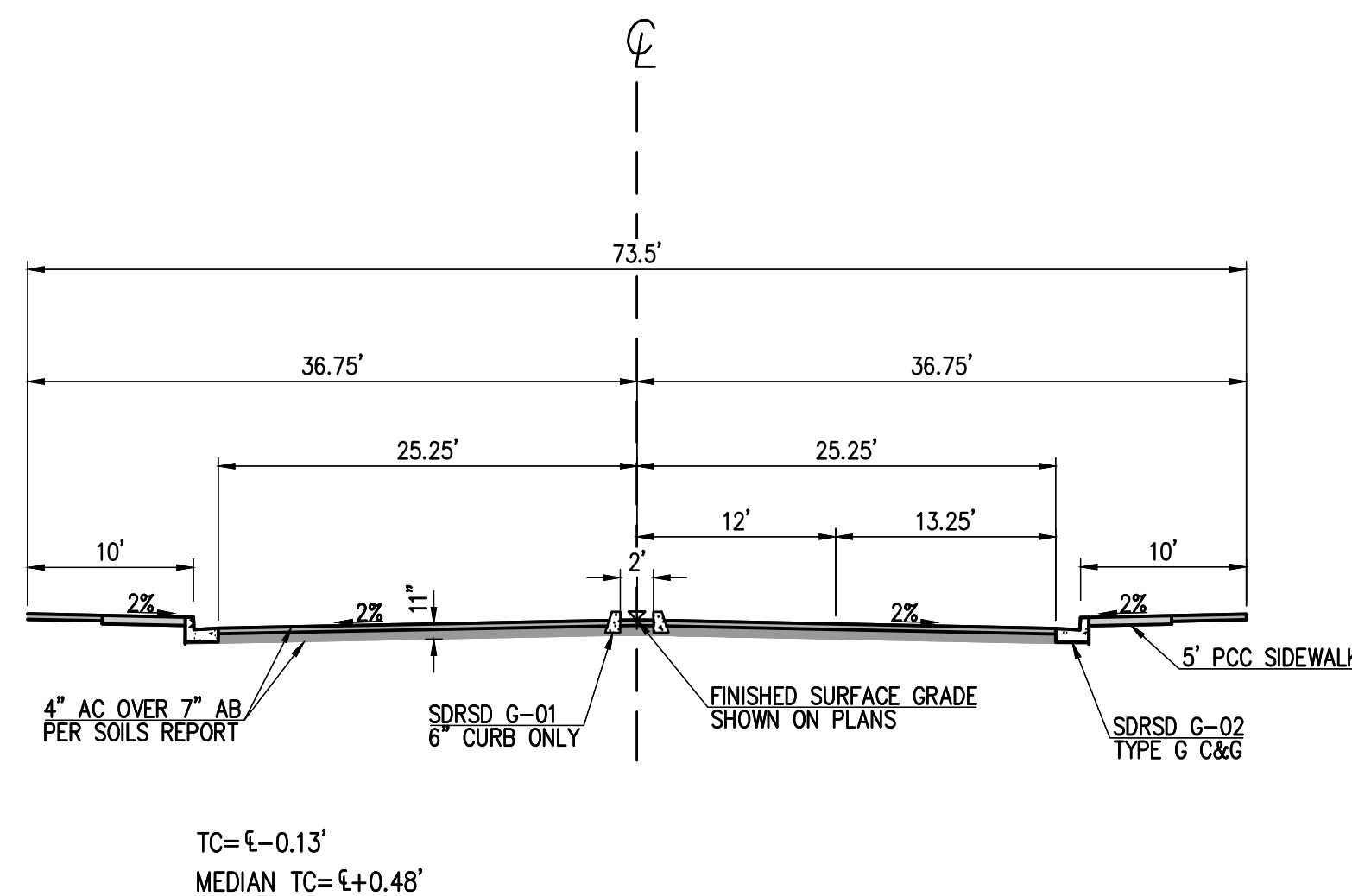
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SHEET C1.2 - FINE GRADING & DRAINAGE PLAN	SHEET C3.5 - HORIZONTAL CONTROL & UTILITY PLAN
SHEET C1.3 - FINE GRADING & DRAINAGE PLAN	SHEET C3.6 - DATA TABLES
SHEET C1.4 - FINE GRADING & DRAINAGE PLAN	SHEET C3.7 - DATA TABLES
SHEET C1.5 - FINE GRADING & DRAINAGE PLAN	SHEET C3.8 - R.M.W.D. STD. DWGS
SHEET C1.6 - FINE GRADING & DRAINAGE PLAN	SHEET C4.1 - UTILITY PROFILES
SHEET C1.7 - PROFILE & S.D.R.S.D. STD. DWGS	SHEET C4.2 - UTILITY PROFILES
SHEET C1.8 - STANDARD DRAWINGS	SHEET C4.3 - UTILITY PROFILES & DETAILS
SHEET C2.1 - EROSION CONTROL PLAN	SHEET C5.1 - STRIPING PLAN
SHEET C2.2 - EROSION CONTROL PLAN	SHEET C5.2 - STRIPING PLAN
SHEET C3.1 - HORIZONTAL CONTROL & UTILITY PLAN	SHEET C5.3 - STRIPING PLAN
SHEET C3.2 - HORIZONTAL CONTROL & UTILITY PLAN	SHEET C5.4 - STRIPING PLAN
SHEET C3.3 - HORIZONTAL CONTROL & UTILITY PLAN	SHEET C5.5 - STRIPING PLAN



ROAD SECTION (TYP)  
COMET TRAIL N. STA 10+67.97 TO 25+97.13  
COMET TRAIL S. STA 27+21.82 TO 37+51.85 & 38+28.64 TO 37+07.33  
N.T.S.



PALOMAR ROAD ENTRY SECTION (TYP)  
STA 13+20 TO 15+53.29  
N.T.S.



PALOMAR ROAD ENTRY SECTION (TYP)  
STA 15+53.29 TO 16+53.73  
N.T.S.

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(SM)

DESCRIPTION	QUANTITY
THRUST BLOCK PER RMWD W-4	25 EA.
FIRE HYDRANT PER RMWD W-9	4 EA.
G.V. PER RMWD W-3, 14, 19, 20	3 EA.
TEE PER RMWD W-3, 4, 14, 19, 20	21 EA.
SEWER CLEAN OUT PER RMWD S-8, 9	8 EA.
5' SEWER MANHOLE PER RMWD S-5, 7	2 EA.
4" BLOW OFF PER RMWD W-7	9 EA.
4" AIR VALVE PER RMWD W 12	6 EA.
6" SDR-35 SEWER RMWD S-1	1,040 L.F.
8" PVC C-900 FIRE SERVICE RMWD W-3	4,780 L.F.
6" PVC C-900 DOMESTIC WATER RMWD W-3	3,403 L.F.
PROPOSED HDPE S.D. SIZE TYPE PER PLAN	
6" C&G PER SDRSD G-2 TYPE G	12,367 L.F.
6" CURB ONLY PER SDRSD G-1	13,970 L.F.
6" AC BERM PER SDRSD G-5 TYPE A	428 L.F.
6' SIDEWALK PER SDRSD G-7	6,192 L.F.
CURB RAMP PER SDRSD G-27 TYPE A	8 EA.
CURB OUTLET PER SDRSD D-25	2 EA.
CROSS GUTTER PER SDRSD G-12	2 EA.
BROW DITCH PER SDRSD D-75 TYPE A	316 L.F.
DW BACKFLOW PREVENTER RMWD W-24	1 EA.
FW BACKFLOW PREVENTER DETAIL ON C4.3	3 EA.

NOTES

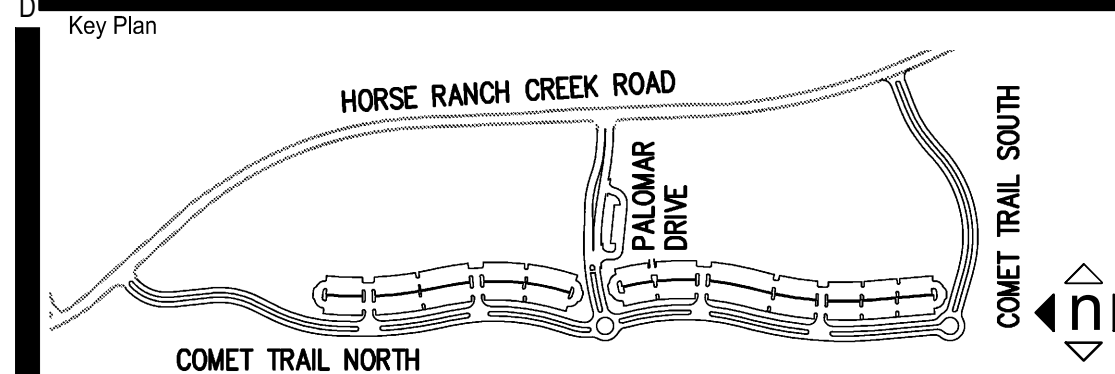
- CONTOURS AND ELEVATIONS SHOWN IN FUTURE ROADS ARE TO FINISHED GRADE. SUB-GRADE PER SOILS REPORT AND STREET SECTION ON PAGE 1.
- BENCHMARK USED IS SDGPS 3 FROM COUNTY OF SAN DIEGO CONTROL DATA SHEET ELEV.=306.01 NAV29
- WDID # 9 37C380545

Consultant

Planning ▲ Engineering ▲ Surveying Solved.

200 E. Washington Ave., Suite 200  
Escondido, CA 92025  
O. 760.741.3570  
F. 760.741.1786  
www.masson-assoc.com

MASSON & ASSOCIATES, INC.



Consultant Seal

Professional Engineer  
No. C081699  
Exp. 03/31/18  
CIVIL  
STATE OF CALIFORNIA

Agency Approval

FILE NO. \_\_\_\_\_

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT

APPL. 04-116580

ACS \_\_\_\_\_ FLS \_\_\_\_\_ SSS \_\_\_\_\_  
DATE \_\_\_\_\_

Project Title

North Education Center

Palomar College

35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITAL - PHASE II	10/06/2017

Drawing Title: INTERIM VILLAGE SITE AND UTILITIES PLAN

Architect's Seal

Professional Engineer  
No. C-32437  
Exp. 02-28-19  
CIVIL  
STATE OF CALIFORNIA

Designed: RD / DAM

Drawn: DAM

QA/QC: RD

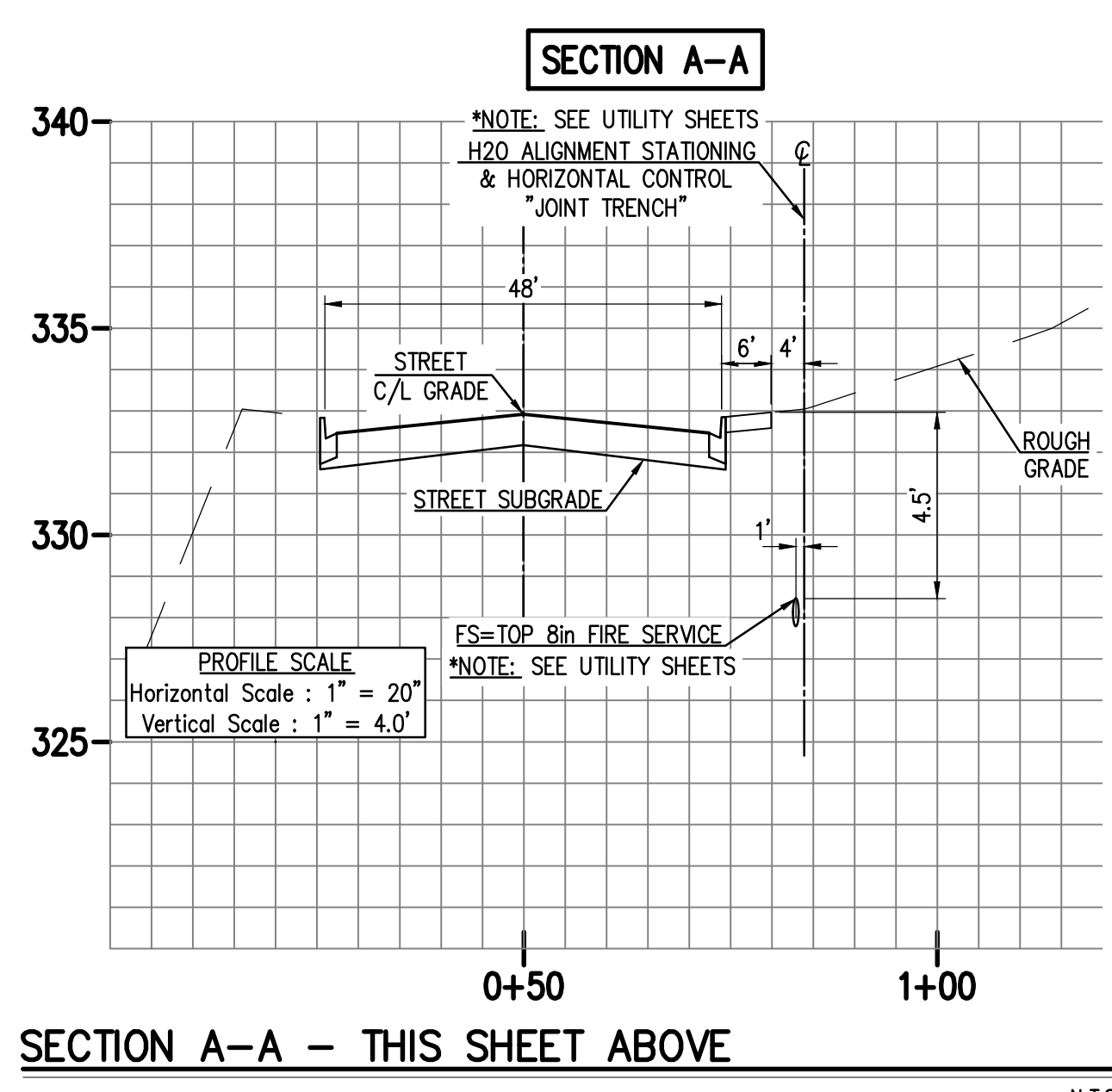
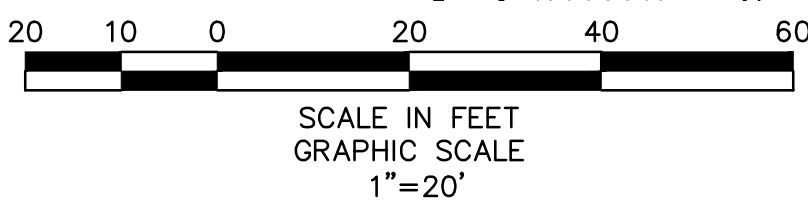
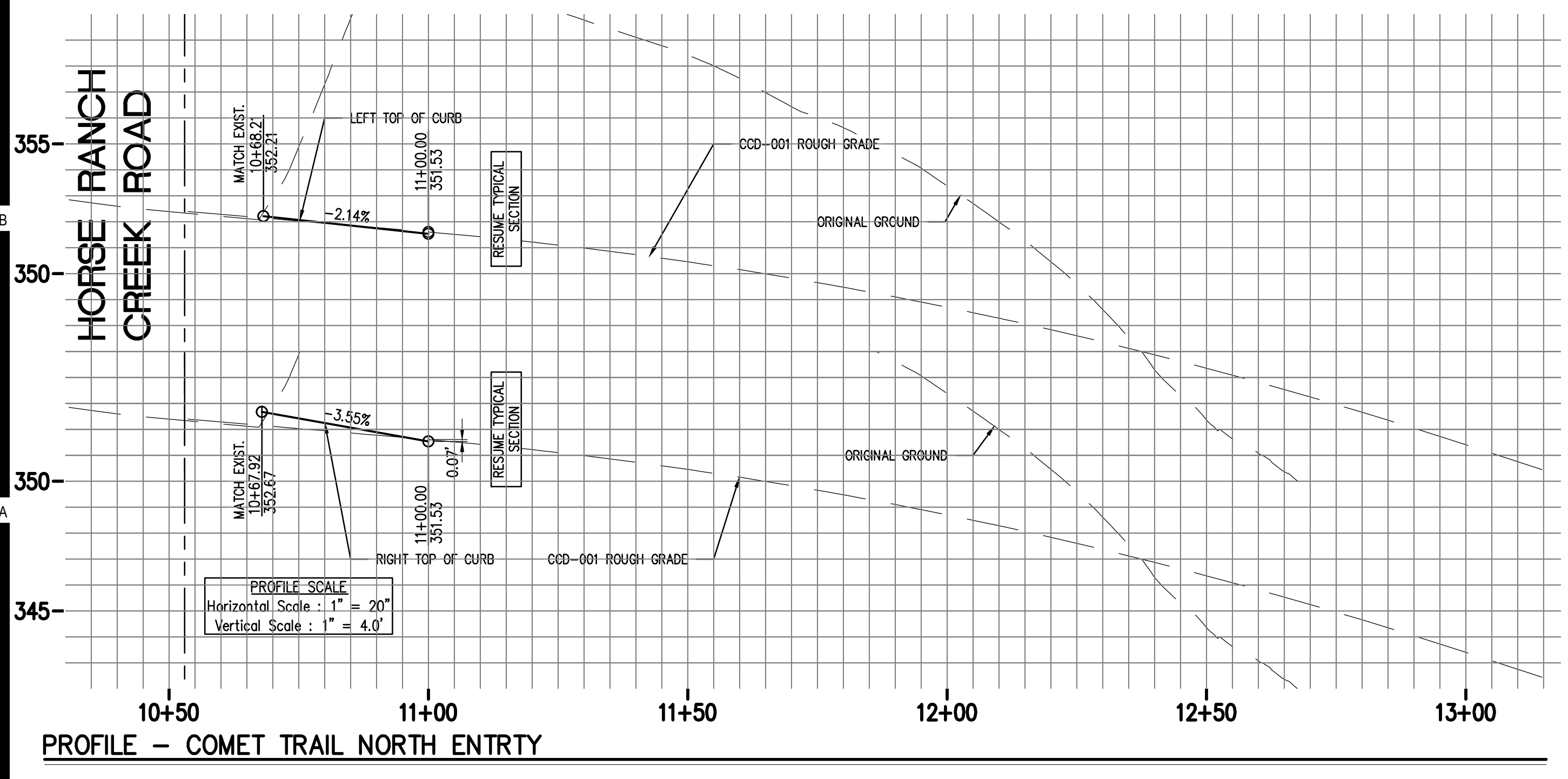
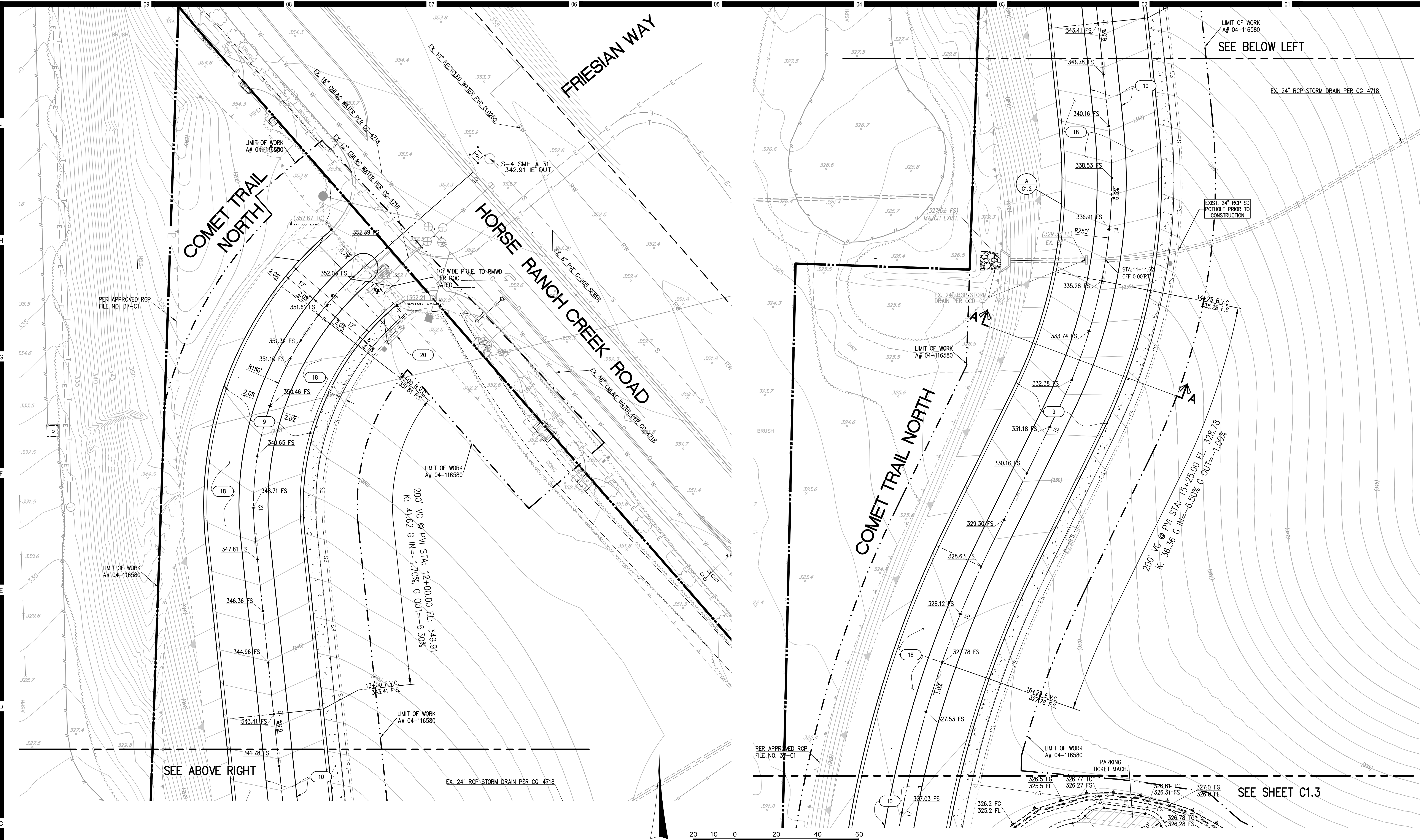
Date: 10/06/2017

Project No. 5015019-102  
MAI PN: 16249

Scale: AS NOTED

Drawing No. C1.1





# HMC Architects

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## KEYNOTES LEGEND

KEY NOTE	SYMBOL	DESCRIPTION
1	---	PROPERTY BOUNDARY
2	- - - -	EXISTING EASEMENT
3	---	RIGHT OF WAY
4	---	CENTERLINE
5	---	EXISTING STORM DRAIN & APPURT'S
6	---	LIMITS OF GRADING
7	---	TOP / TOE OF SLOPE
8	---	SLOPE DART
9	---	EXISTING SEWER
10	---	EXISTING WATER
11	---	EXISTING STORM DRAIN

## NOTES

1. CONTOURS AND ELEVATIONS SHOWN IN FUTURE ROADS ARE TO FINISHED GRADE. SUB-GRADE PER SOILS REPORT AND STREET SECTION ON PAGE 1.
2. BENCHMARK USED IS SDGPS 3 FROM COUNTY OF SAN DIEGO CONTROL DATA SHEET ELEV.=306.01 NAV29
3. WDD # 9 37C380545

Consultant

Planning ▲ Engineering ▲ Surveying  
Solved.

200 E. Washington Ave., Suite 200  
Escondido, CA 92025  
O. 760.741.3570  
F. 760.741.1786  
www.masson-assoc.com

MASSON  
& ASSOCIATES, INC.

Key Plan

Consultant Seal

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT

APPL. 04-116580

ACS \_\_\_\_\_ FLS \_\_\_\_\_ SSS \_\_\_\_\_

DATE \_\_\_\_\_

Project Title

North Education Center

**Palomar College**  
Learning for Success

35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITAL - PHASE II	10/06/2017

Drawing Title:

**FINE GRADING  
DRAINAGE PLAN**

Architect's Seal

DESIGNED: RD / DAM  
DRAWN: DAM  
OAGC: RD

Project No. 5015019-102  
MAI PN: 16249  
Scale: AS NOTED

Date: 10/06/2017

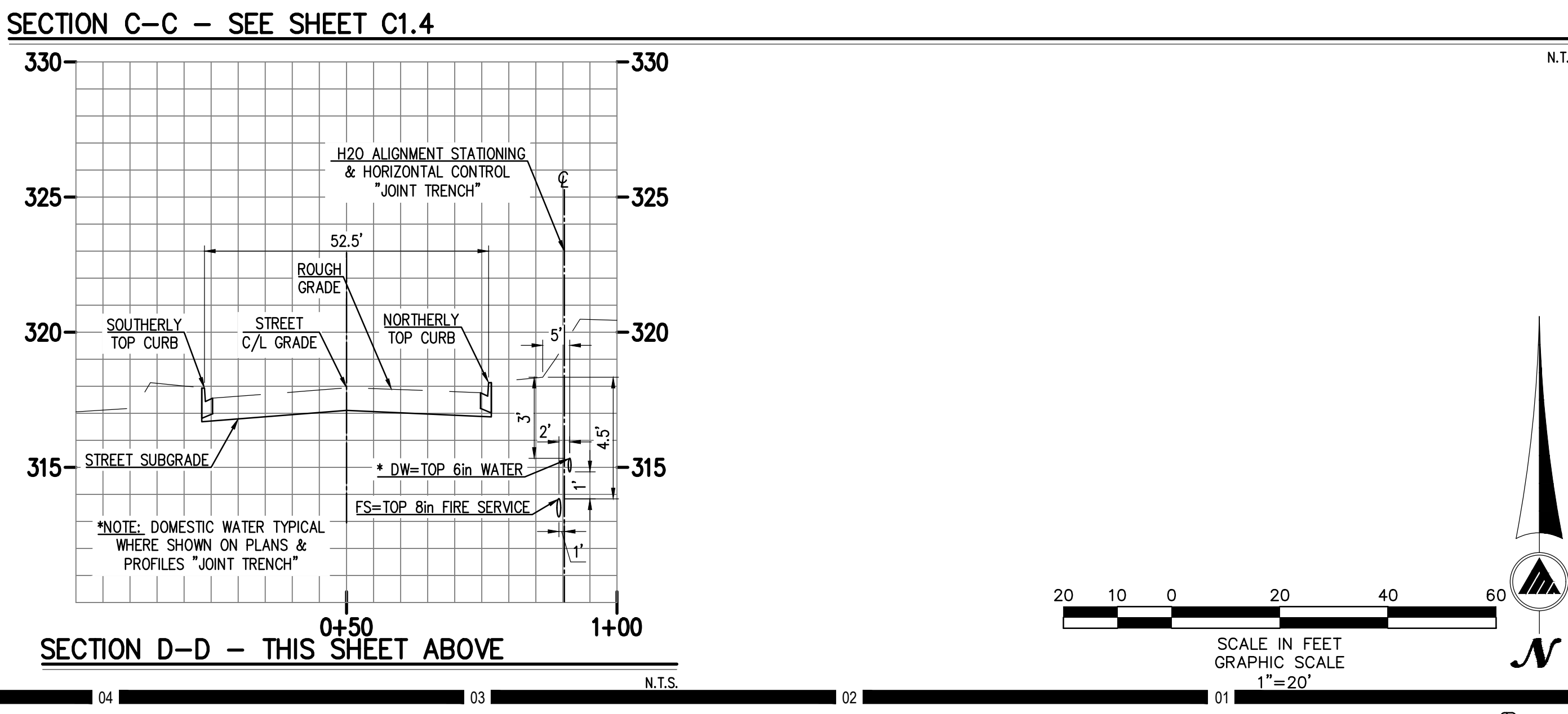
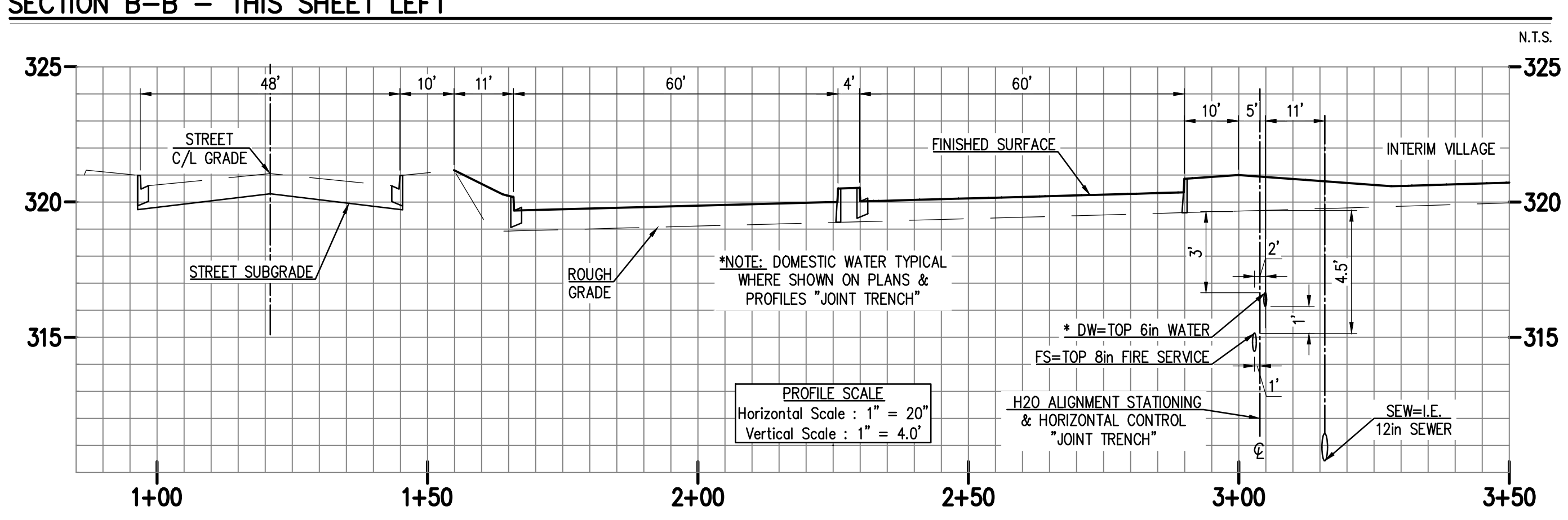
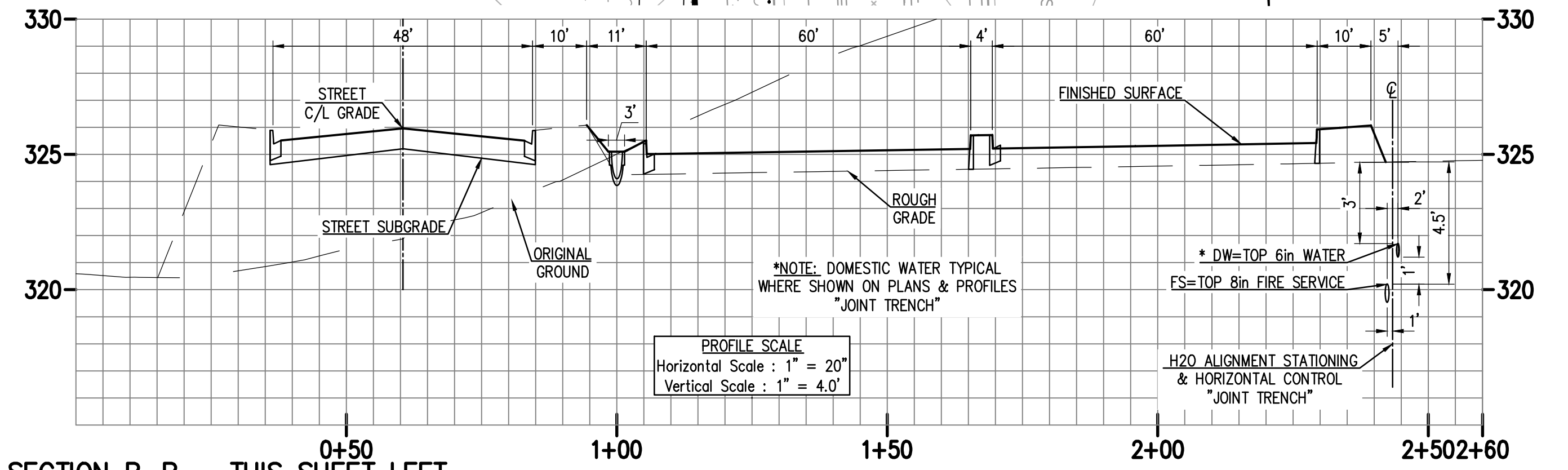
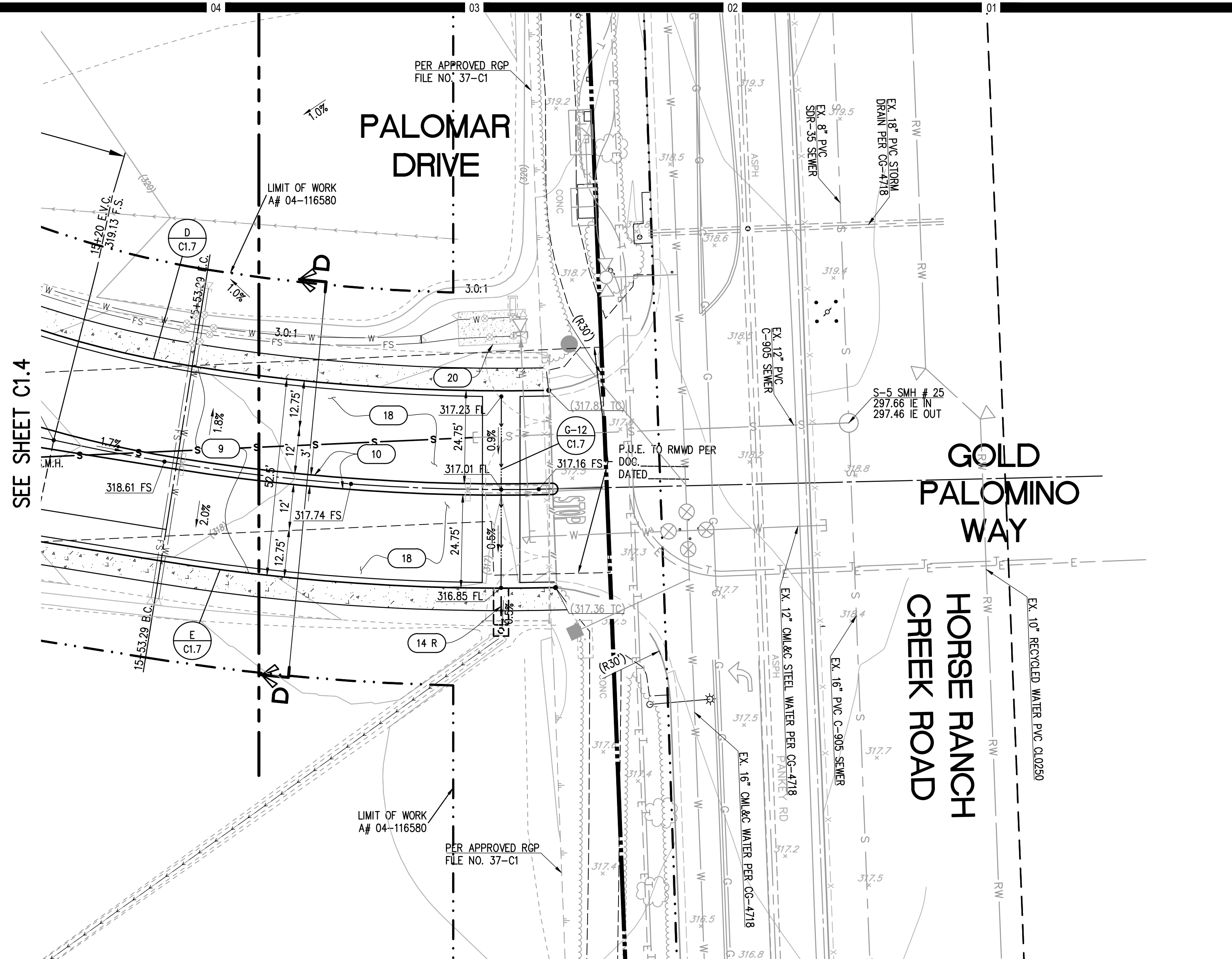
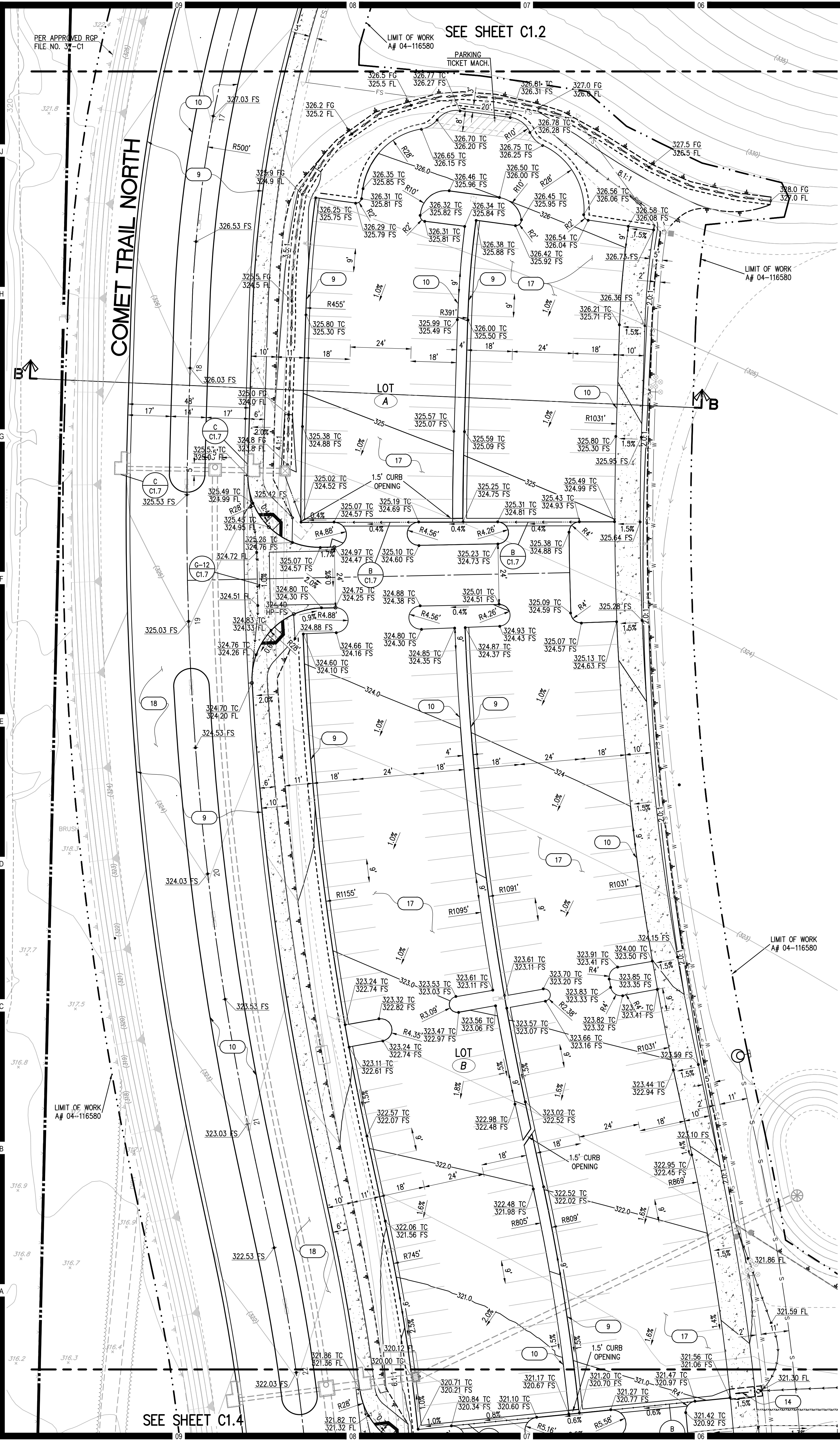
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PLEASE RECYCLE

DSA SUBMITTAL





**HMC Architects**  
3546 Conours Street / Ontario, CA 91764  
T 909 989 9979 / www.hmcarchitects.com

**KEYNOTES  
LEGEND**

SYMBOL	DESCRIPTION
---	PROPERTY BOUNDARY
---	EXISTING EASEMENT
---	RIGHT OF WAY
---	CENTERLINE
---	EXISTING STORM DRAIN & APPURT'S
---	LIMITS OF GRADING
---	TOP / TOE OF SLOPE
---	SLOPE DART
---	EXISTING SEWER
---	EXISTING WATER
---	EXISTING STORM DRAIN

1	THRUST BLOCK PER RMWD W-4
2	FIRE HYDRANT PER RMWD W-9
3	G.V. PER RMWD W-3, 14, 19, 20
4	TEE PER RMWD W-3, 4, 14, 19, 20
5	SEWER CLEAN OUT PER RMWD S-8, 9
6	5" SEWER MANHOLE PER RMWD S-5, 7
7	4" BLOW OFF PER RMWD W-7
8	4" AIR VALVE PER RMWD W 12
9	6" SDR-35 SEWER RMWD S-1
10	8" PVC C-900 FIRE SERVICE RMWD W-3
11	6" PVC C-900 DOMESTIC WATER RMWD W-3
12	PROPOSED HDPE S.D. SIZE TYPE PER PLAN
13	6" C&G PER SDRSD G-2 TYPE G
14	6" CURB ONLY PER SDRSD G-1
15	6" AC BERM PER SDRSD G-5 TYPE A
16	6" SIDEWALK PER SDRSD G-7
17	CURB RAMP PER SDRSD G-27 TYPE A
18	CURB OUTLET PER SDRSD D-25
19	CROSS GUTTER PER SDRSD G-12
20	BROW DITCH PER SDRSD D-75 TYPE A
	CONSTRUCT 3" AC OVER 6" AB
	CONSTRUCT 4" AC OVER 7" AB
	SEE ARCHITECT'S PLANS
	DW BACKFLOW PREVENTER RMWD W-2A
	FW BACKFLOW PREVENTER DETAIL ON C4.3
	FINISHED SURFACE ELEV.
	DOMESTIC WATER/FIRE SERVICE TP ELEV.
	SEWER INVERT ELEV.
	X = DETAIL
	Y = SHEET #

**NOTES**

- CONTOURS AND ELEVATIONS SHOWN IN FUTURE ROADS ARE TO FINISHED GRADE. SUB-GRADE PER SOILS REPORT AND STREET SECTION ON PAGE 1.
- BENCHMARK USED IS SDGPS 3 FROM COUNTY OF SAN DIEGO CONTROL DATA SHEET ELEV.=306.01 NAV29
- WDD # 9 37C380545

Consultant  
**Planning Engineering Surveying  
Solved.**  
200 E. Washington Ave., Suite 200  
Escondido, CA 92025  
O. 760.741.3570  
F. 760.741.1786  
www.masson-assoc.com

**MASSON  
& ASSOCIATES, INC.**

Key Plan

Consultant Seal

Agency Approval  
FILE NO. \_\_\_\_\_  
IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APPL. 04-116580  
ACS \_\_\_\_\_ FLS \_\_\_\_\_ SSS \_\_\_\_\_  
DATE \_\_\_\_\_

Project Title  
**Palomar College**  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:  
**FINE GRADING  
DRAINAGE PLAN**

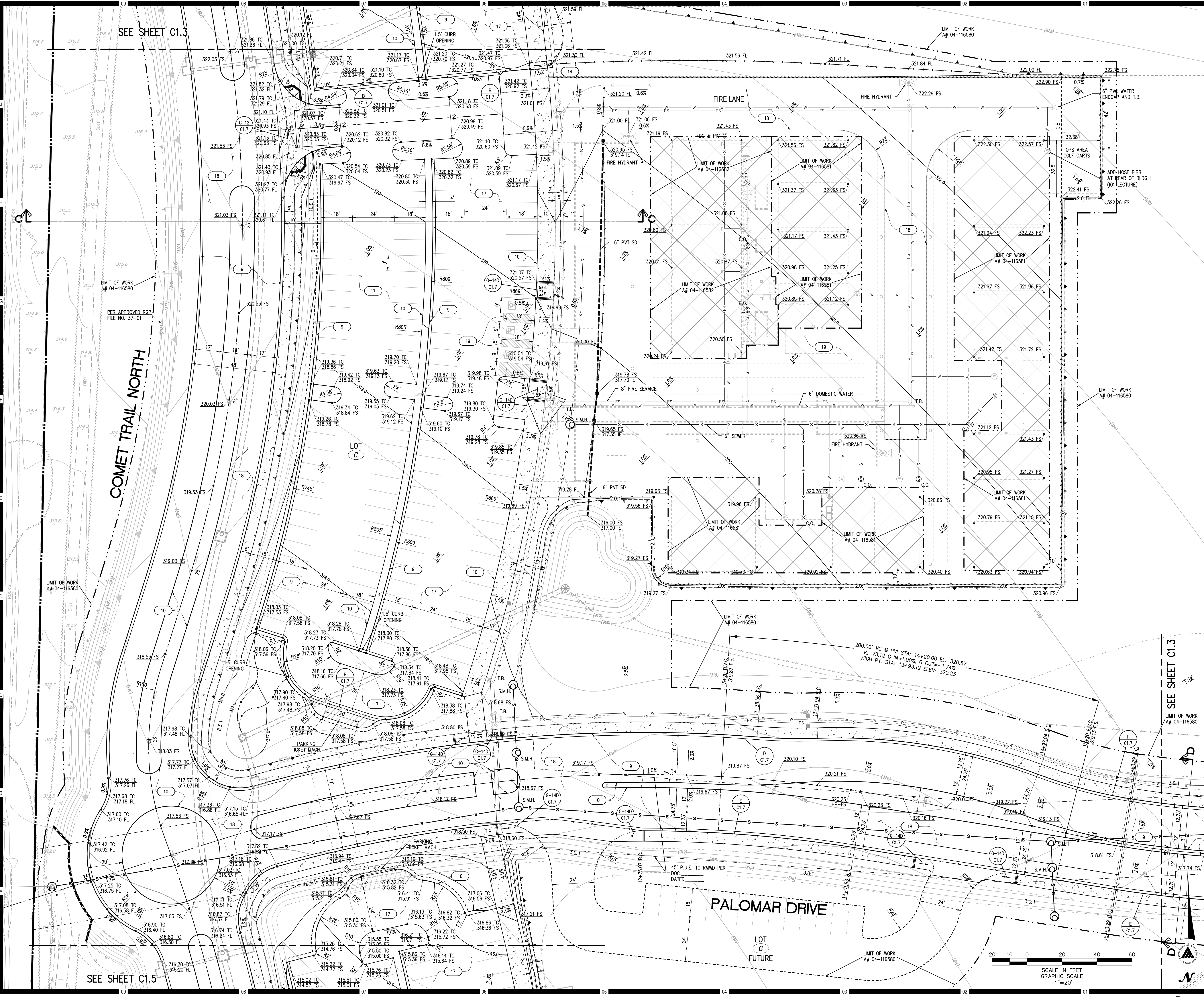
Architect's Seal

Designed: RD / DAM  
Project No. 5015019-102  
Drawn: DAM  
Scale: AS NOTED  
OAGC: RD  
Drawing No. C1.3  
Date: 10/06/2017

DATE: Oct 18, 2017 @ 2:27pm by:jtrac FILE:I:\1616249\PROD\Construct\VFPG-INTRIM-VILLAGE\16249-PFGP-IV-C1.2-1.7.dwg

PLEASE RECYCLE DSA SUBMITTAL





**KEYNOTES  
LEGEND**

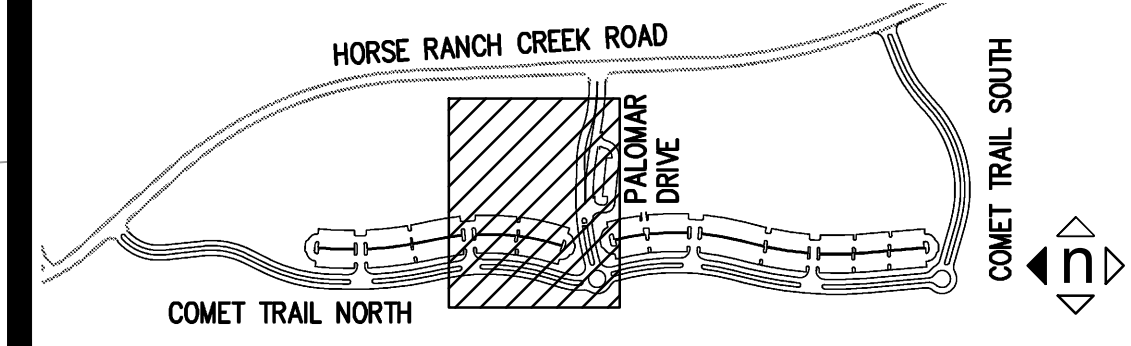
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	---	PROPERTY BOUNDARY
	- - - -	EXISTING EASEMENT
	- - - -	RIGHT OF WAY
	---	CENTERLINE
	---	EXISTING STORM DRAIN & APPURT'S
	---	LIMITS OF GRADING
	---	TOP / TOE OF SLOPE
	---	SLOPE DART
	---	EXISTING SEWER
	---	EXISTING WATER
	---	EXISTING STORM DRAIN

- 1 THURST BLOCK PER RWMD W-4
  - 2 FIRE HYDRANT PER RWMD W-9
  - 3 C.V. PER RWMD W-3, 14, 19, 20
  - 4 TEE PER RWMD W-3, 4, 14, 19, 20
  - 5 SEWER CLEAN OUT PER RWMD S-8, 9
  - 6 5" SEWER MANHOLE PER RWMD S-5, 7
  - 7 4" BLOW OFF PER RWMD W-7
  - 8 4" AIR VALVE PER RWMD W 12
  - 9 6" SDR-35 SEWER RWMD S-1
  - 10 8" PVC C-900 FIRE SERVICE RWMD W-3
  - 11 6" CAG PER SDRSD G-2 TYPE G
  - 12 6" CURB ONLY PER SDRSD G-1
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  - 14 6" SIDEWALK PER SDRSD G-7
  - 15 CURB RAMP PER SDRSD G-27 TYPE A
  - 16 CURB OUTLET PER SDRSD D-25
  - 17 CROSS GUTTER PER SDRSD G-12
  - 18 BROW DITCH PER SDRSD D-75 TYPE A
  - 19 CONSTRUCT 3" AC OVER 6" AB
  - 20 CONSTRUCT 4" AC OVER 7" AB
- SEE ARCHITECTS PLANS  
DW BACKFLOW PREVENTER RWMD W-2A  
FW BACKFLOW PREVENTER DETAIL ON C4.3  
FINISHED SURFACE ELEV.  
DOMESTIC WATER/FIRE SERVICE TP ELEV.  
SEWER INVERT ELEV.  
X = DETAIL #  
Y = SHEET #

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3. WDD # 9 37C380545

Consultant  
**Planning Engineering Surveying Solved.**  
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F. 760.741.1786  
www.masson-assoc.com

**MASSON & ASSOCIATES, INC.**



Consultant Seal  
**PROFESSIONAL ENGINEER**  
No. C081699  
Exp. 03/31/18  
CIVIL  
STATE OF CALIFORNIA

Agency Approval  
IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APPL. 04-116580  
ACS FLS SSS  
DATE

Project Title  
**Palomar College**  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

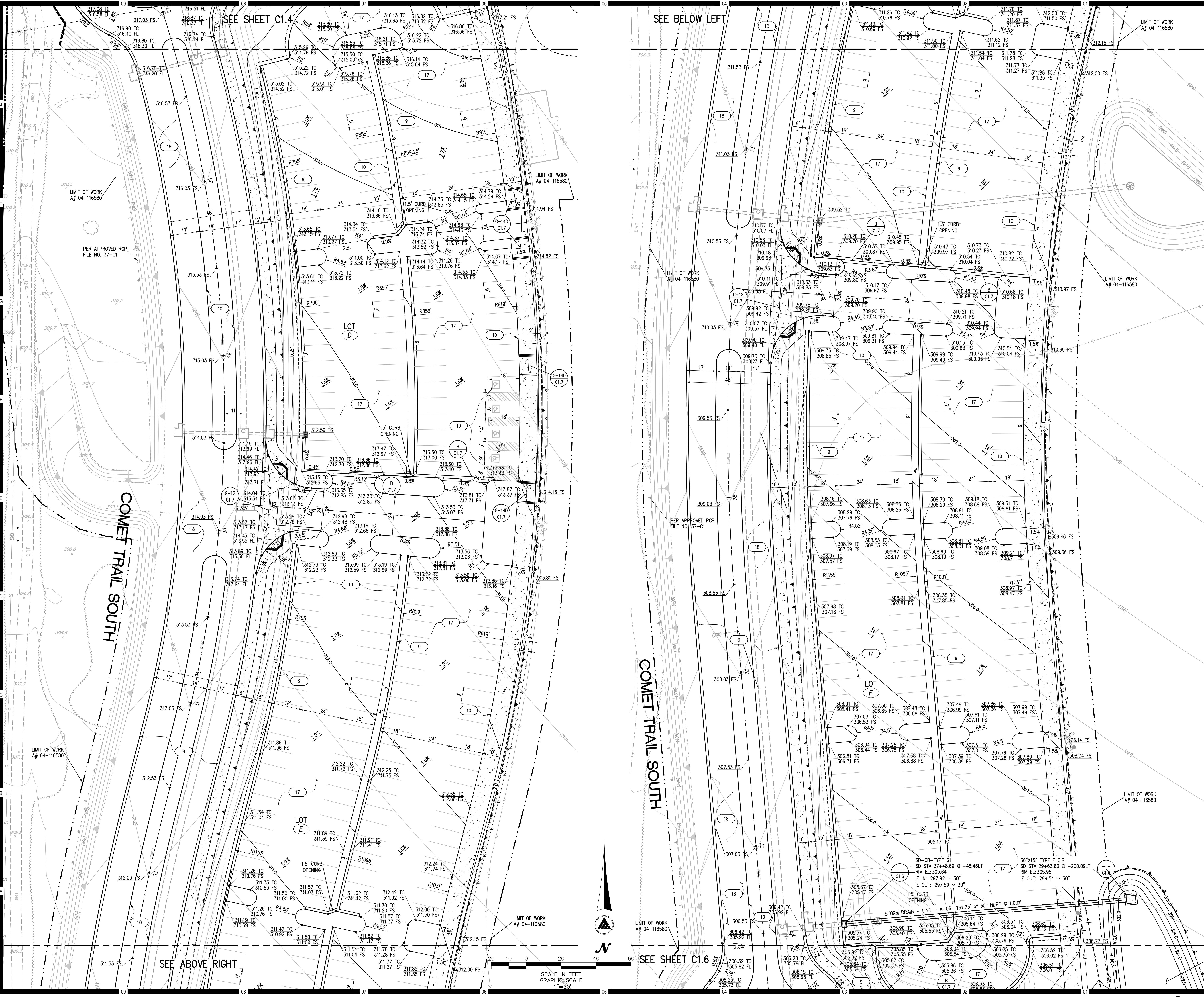
Drawing Title  
**FINE GRADING  
DRAINAGE PLAN**

Architect's Seal  
**REGISTERED ARCHITECT**  
No. C-32437  
Exp. 02-28-19  
STATE OF CALIFORNIA

Designed: RD / DAM  
Drawn: DAM  
OAGC: RD  
Date: 10/06/2017

Project No. 5015019-102  
MAI PN: 16249  
Scale: AS NOTED  
Drawing No. **C1.4**





**KEYNOTES  
LEGEND**

KEY NOTE	SYMBOL	DESCRIPTION
1	---	PROPERTY BOUNDARY
2	---	EXISTING EASEMENT
3	---	RIGHT OF WAY
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11	---	EXISTING STORM DRAIN
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19	---	4" AIR VALVE PER RWMD W-12
20	---	6" SDR-35 SEWER RWMD S-1
21	---	8" PVC C-900 FIRE SERVICE RWMD W-3
22	---	6" PVC C-900 DOMESTIC WATER RWMD W-3
23	---	PROPOSED HDPE S.D. SIZE TYPE PER PLAN
24	---	6" CAG PER SDRSD G-2 TYPE G
25	---	6" CURB ONLY PER SDRSD G-1
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29	---	CURB OUTLET PER SDRSD D-25
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31	---	BROW DITCH PER SDRSD D-75 TYPE A
32	---	CONSTRUCT 3" AC OVER 6" AB
33	---	CONSTRUCT 4" AC OVER 7" AB
34	---	SEE ARCHITECT'S PLANS
35	---	DW BACKFLOW PREVENTER RWMD W-2A
36	---	FW BACKFLOW PREVENTER DETAIL ON C4.3
37	---	FINISHED SURFACE ELEV.
38	---	DOMESTIC WATER/FIRE SERVICE TP ELEV.
39	---	SEWER INVERT ELEV.
40	---	X = DETAIL #
41	---	Y = SHEET #

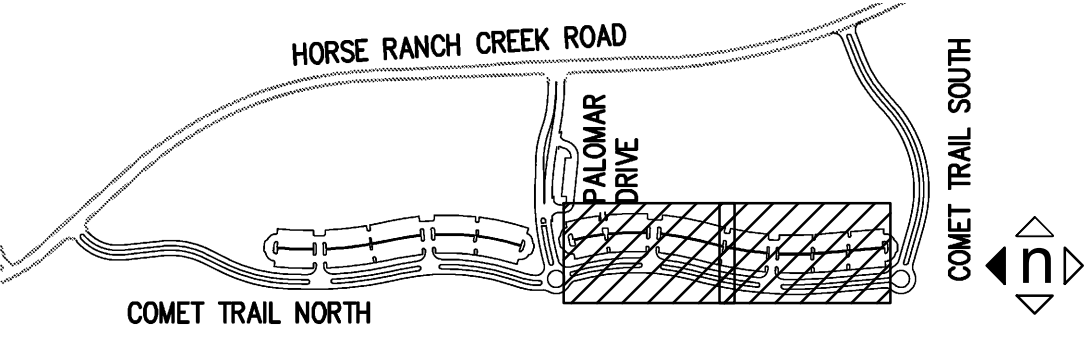
- NOTES**
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  2. BENCHMARK USED IS SDGPS 3 FROM COUNTY OF SAN DIEGO CONTROL DATA SHEET ELEV.=306.01 NAV29
  3. WDD # 9 37C380545

Consultant

**Planning Engineering Surveying Solved.**

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Consultant Seal

Professional Engineer  
No. C081699  
Exp. 03/31/18  
CIVIL  
STATE OF CALIFORNIA

Agency Approval

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APPL. 04-116580  
ACS FLS SSS  
DATE

Project Title

**Palomar College**

35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017
2		
3		
4		
5		
6		
7		
8		
9		
10		

Drawing Title

**FINE GRADING  
DRAINAGE PLAN**

Architect's Seal

Professional Architect  
No. C-32437  
Exp. 02-28-19  
STATE OF CALIFORNIA

Designed: RD / DAM

Drawn: DAM

OAGC: RD

Date: 10/06/2017

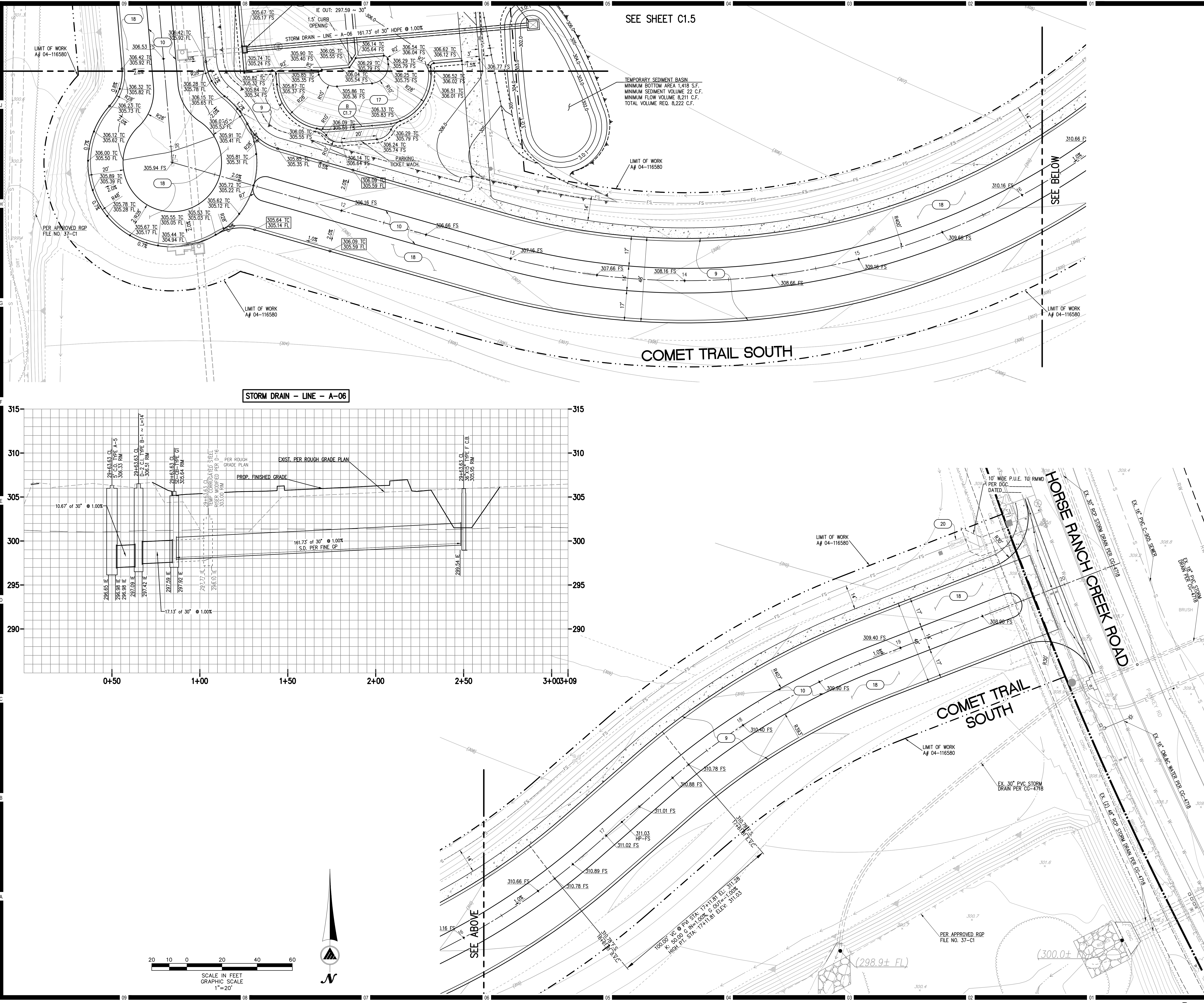
Project No. 5015019-102

MAI PN: 16249

Scale: AS NOTED

Drawing No. **C1.5**





# HMC Architects

3546 Conours Street / Ontario, CA 91764  
T 909 989 9979 / www.hmcarchitects.com

## KEYNOTES LEGEND

KEY NOTE	SYMBOL	DESCRIPTION
1	---	PROPERTY BOUNDARY
2	---	EXISTING EASEMENT
3	---	RIGHT OF WAY
4	---	CENTERLINE
5	---	EXISTING STORM DRAIN & APPURT'S
6	---	LIMITS OF GRADING
7	---	TOP / TOE OF SLOPE
8	---	SLOPE DART
9	---	EXISTING SEWER
10	---	EXISTING WATER
11	---	EXISTING STORM DRAIN

1	---	THRUST BLOCK PER RMWD W-4
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10	---	8" PVC C-900 FIRE SERVICE RMWD W-3
11	---	6" PVC C-900 DOMESTIC WATER RMWD W-3
12	---	PROPOSED HOPE S.D. SIZE TYPE PER PLAN
13	---	6" C&G PER SDRSD G-2 TYPE G
14	---	6" CURB ONLY PER SDRSD G-1
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23	---	SEE ARCHITECTS PLANS
24	---	DW BACKFLOW PREVENTER RMWD W-2A
25	---	FW BACKFLOW PREVENTER DETAIL ON C4.3
26	---	FINISHED SURFACE ELEV.
27	---	DOMESTIC WATER/FIRE SERVICE TP ELEV.
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Consultant

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Key Plan

HORSE RANCH CREEK ROAD  
COMET TRAIL NORTH  
COMET TRAIL SOUTH

Consultant Seal

PROFESSIONAL ENGINEER  
No. C081699  
Exp. 03/31/18  
CIVIL  
STATE OF CALIFORNIA

Agency Approval

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT

APPL. 04-116580

ACS \_\_\_\_\_ FLS \_\_\_\_\_ SSS \_\_\_\_\_  
DATE \_\_\_\_\_

Project Title

North Education Center  
**Palomar College**  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:

**FINE GRADING  
DRAINAGE PLAN**

Architect's Seal

REGISTERED ARCHITECT  
No. C-32437  
Exp. 02-28-19  
STATE OF CALIFORNIA

Designed:

RD / DAM

Project No. 5015019-102  
MAI PN: 16249

Drawn:

DAM

Scale: AS NOTED

OAGC:

RD

Drawing No.

Date:

10/06/2017

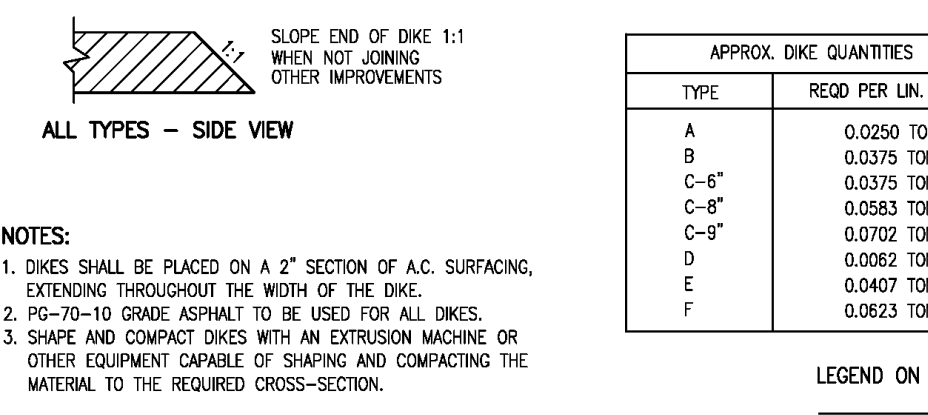
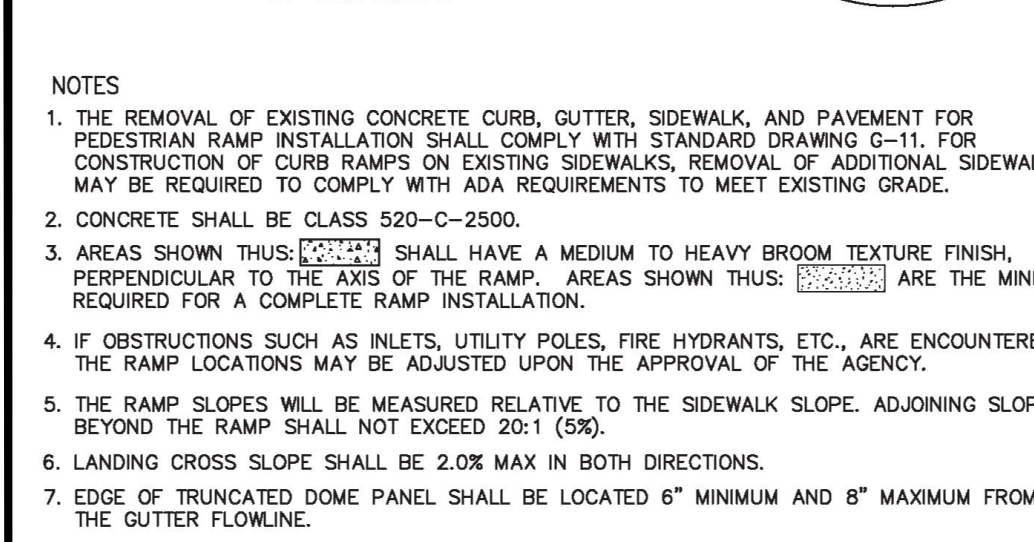
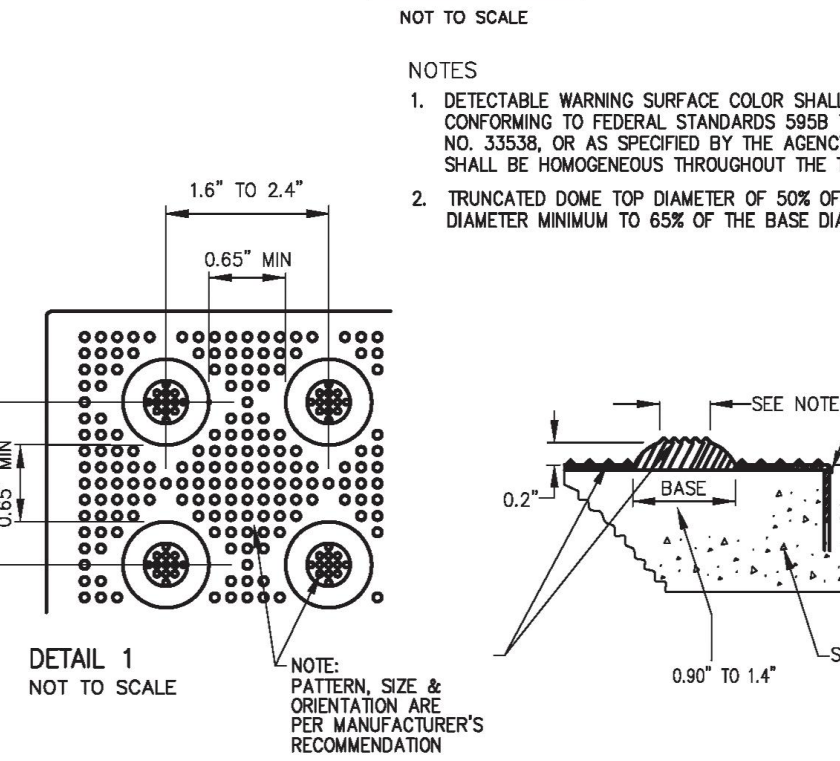
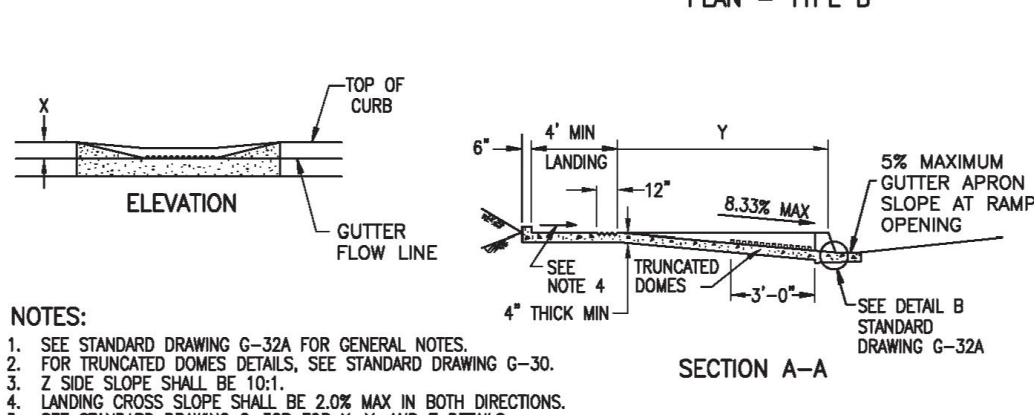
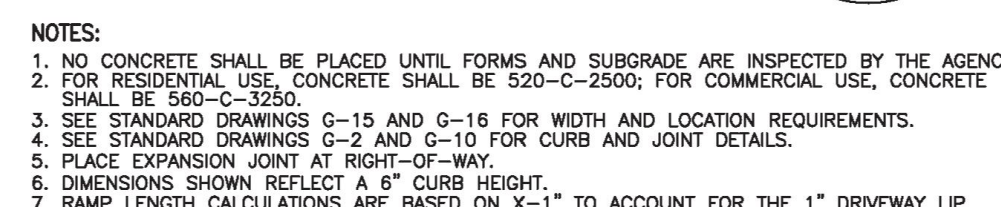
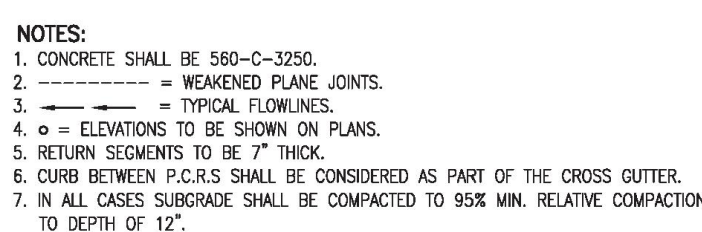
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PLEASE RECYCLE

DSA SUBMITTAL





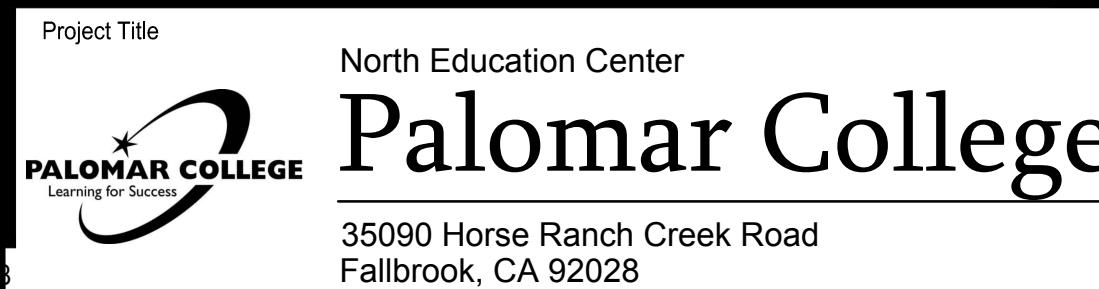
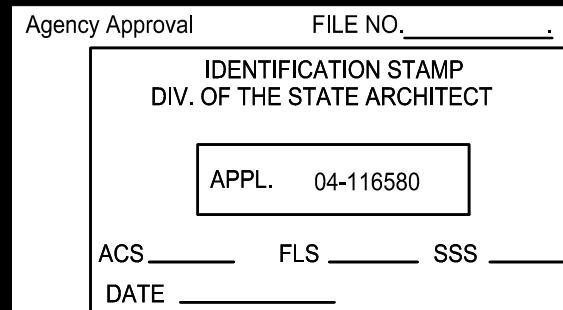
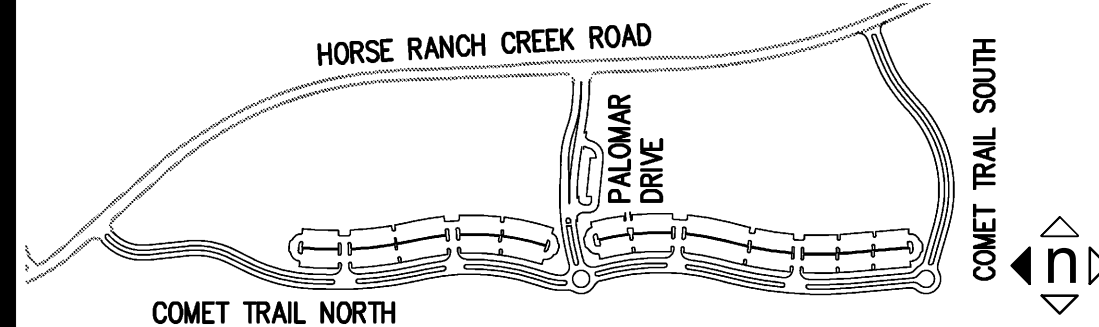
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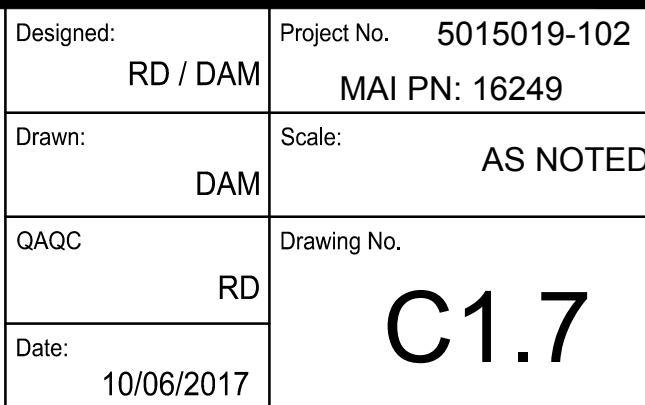
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Chalpers H.C.E. 190



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3. WDIID # 9 37C380545

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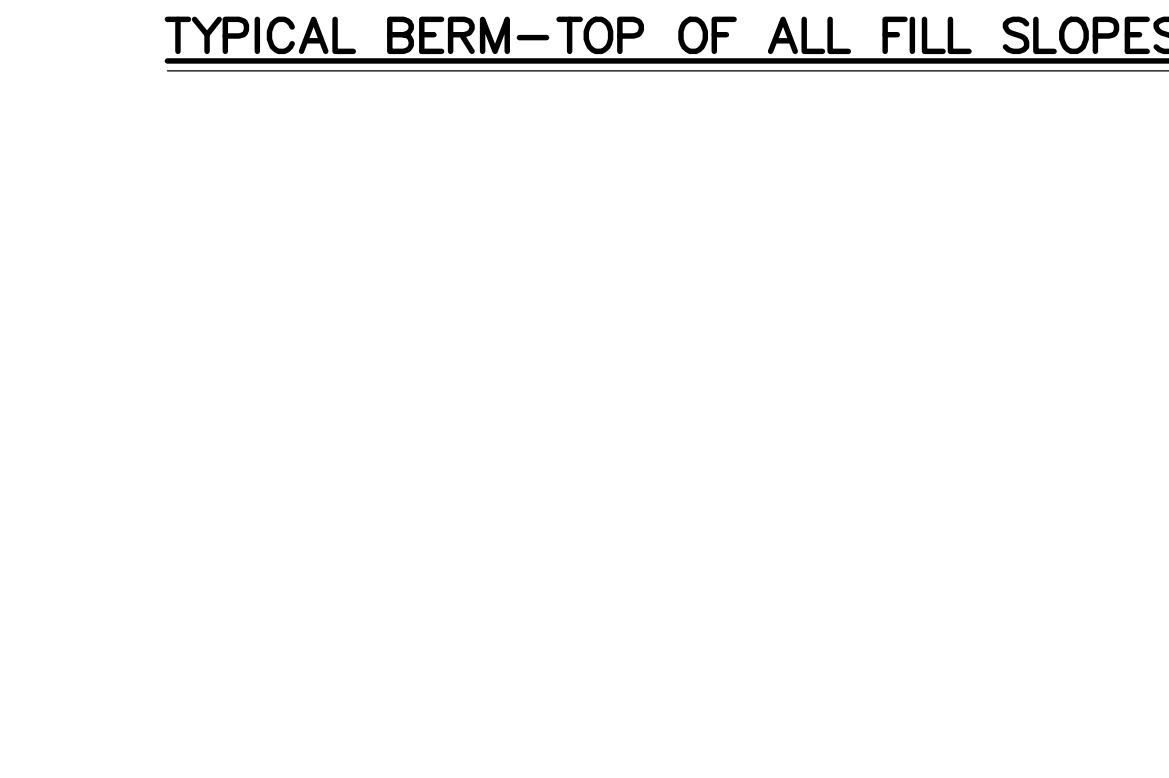
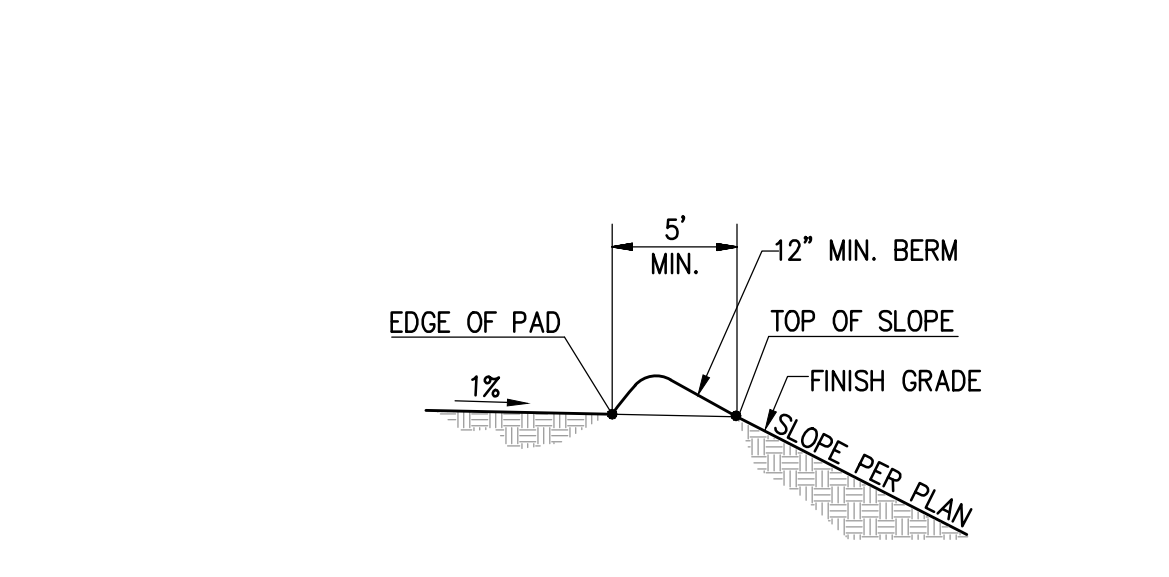
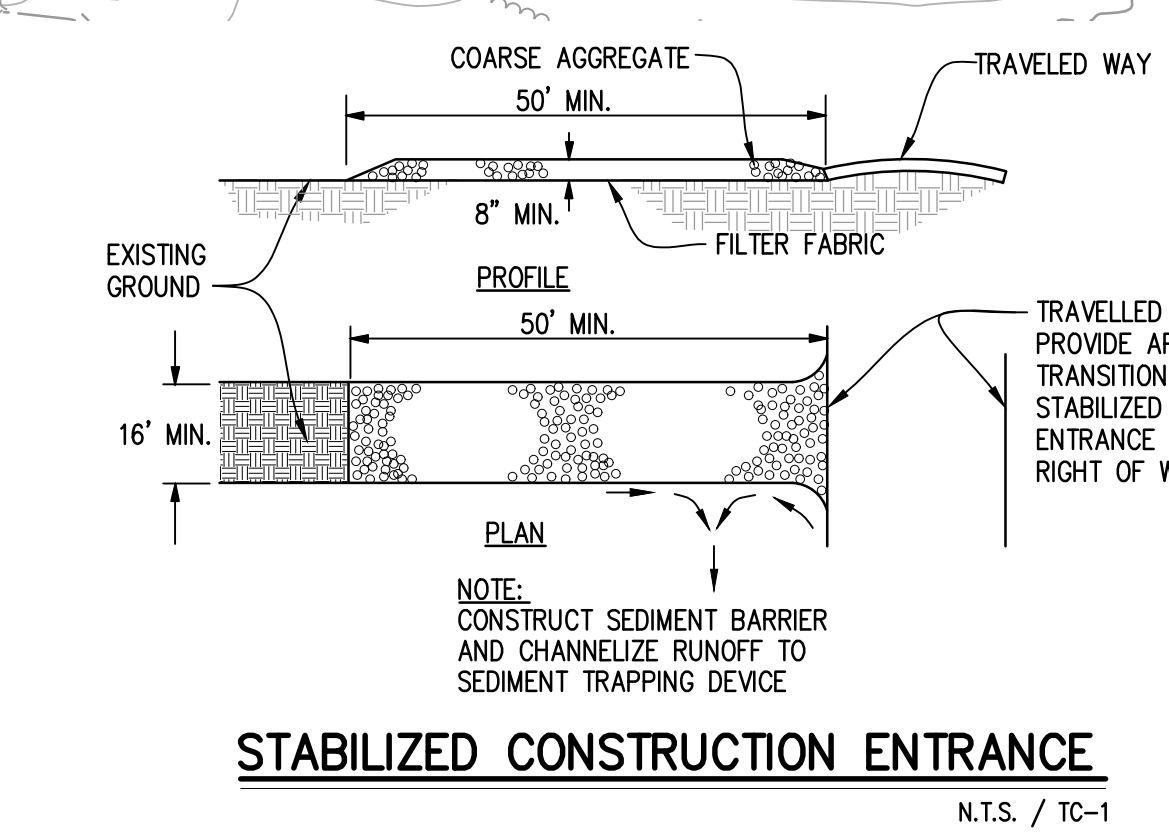
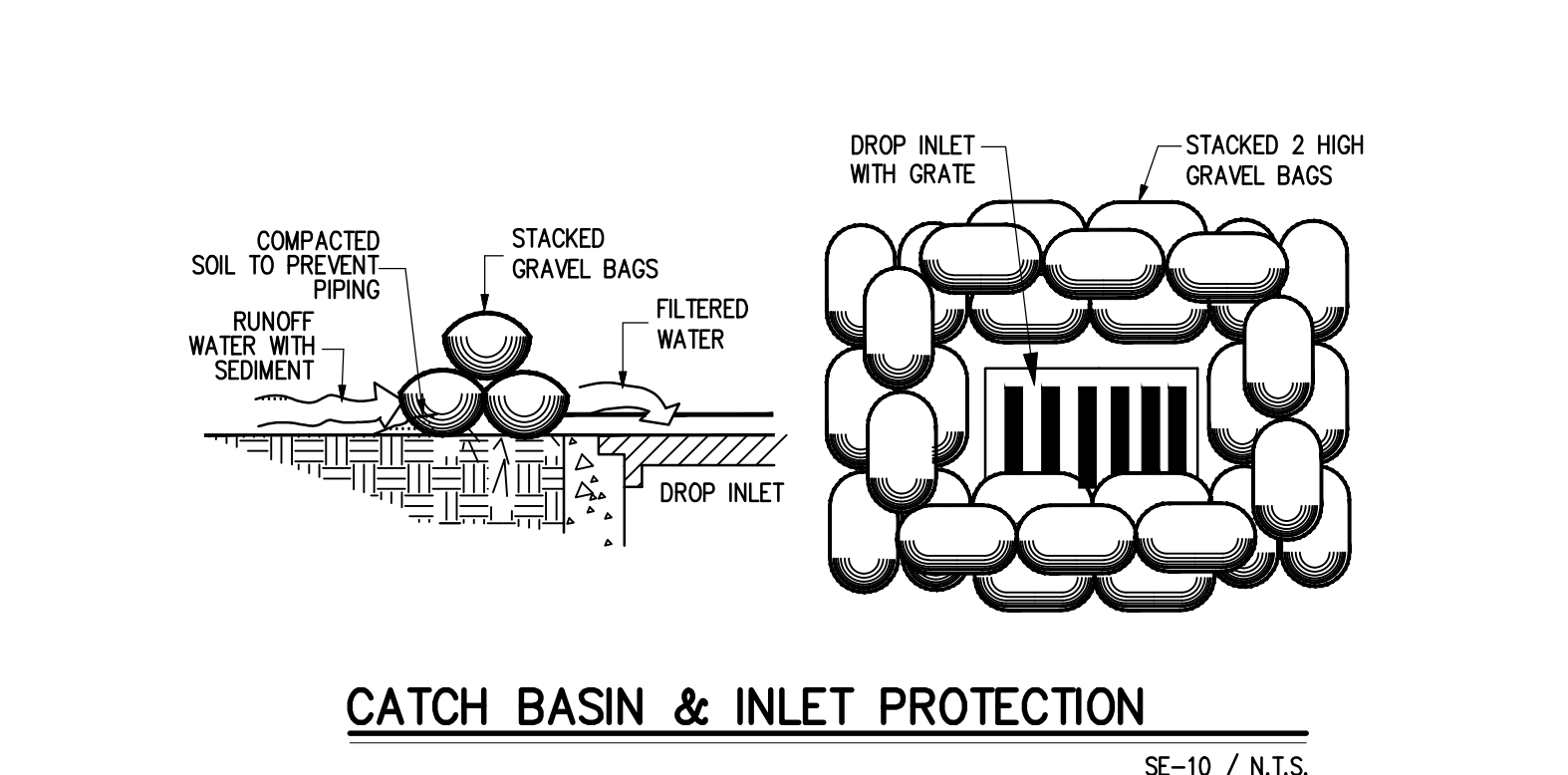
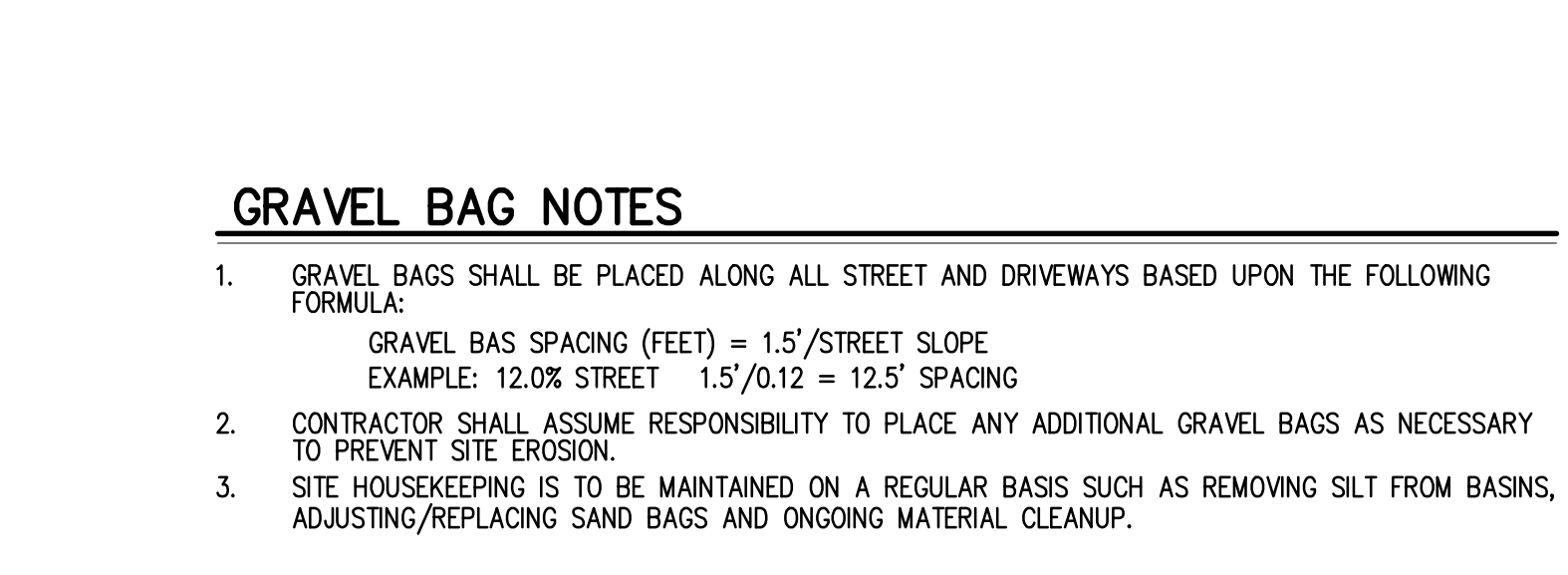
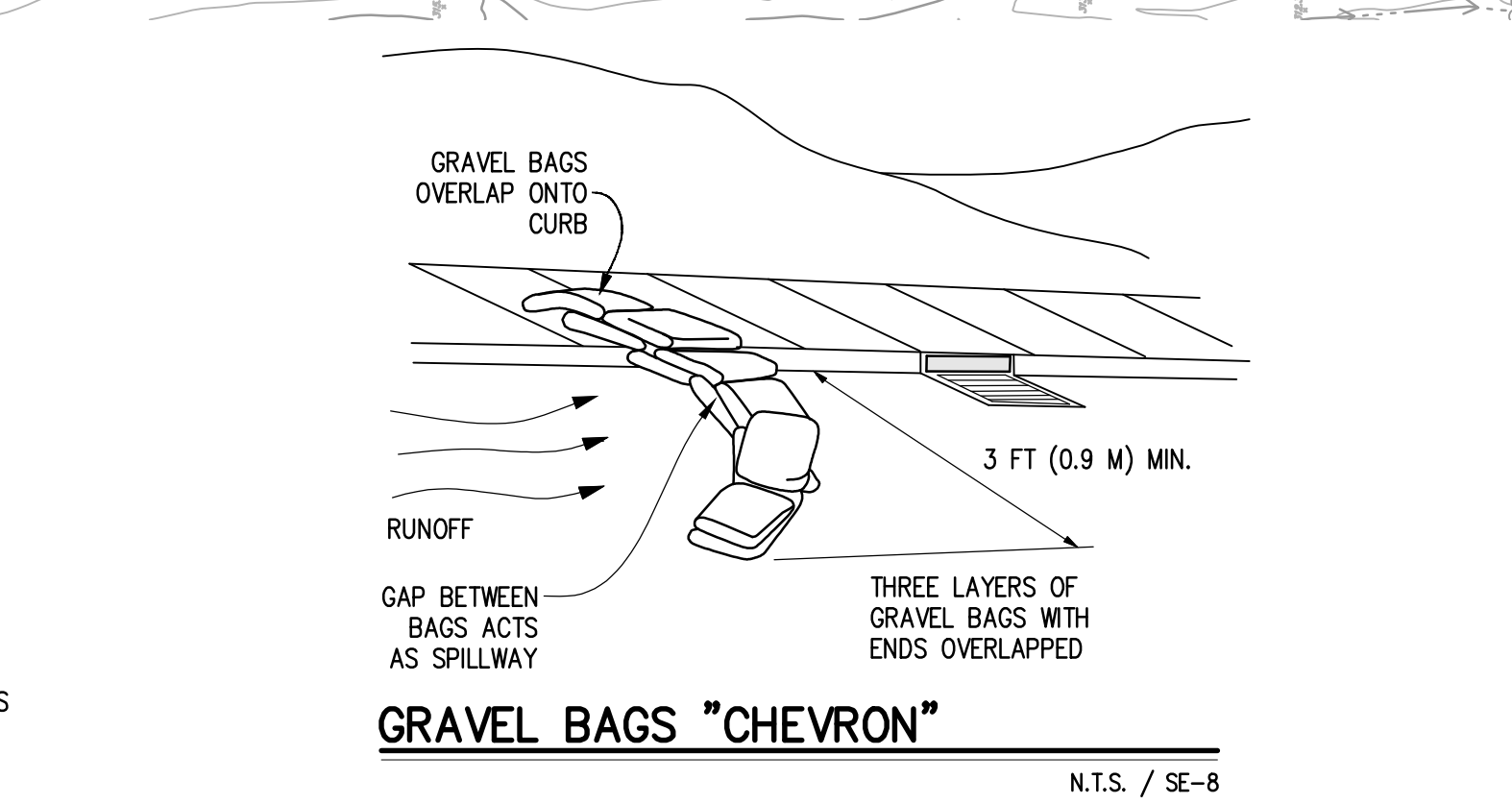
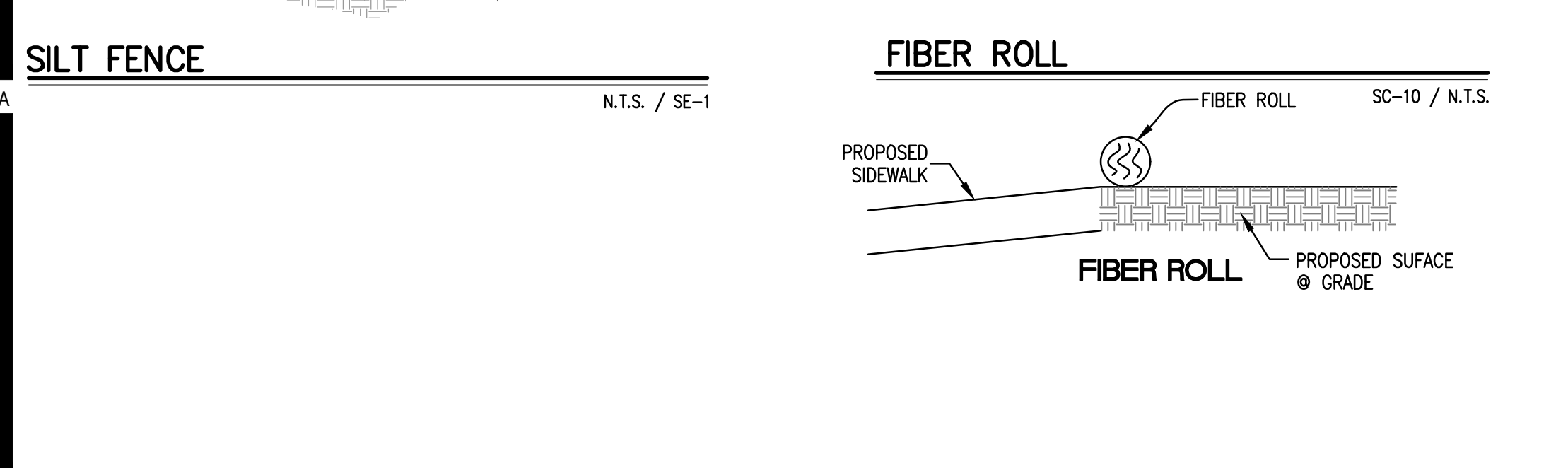
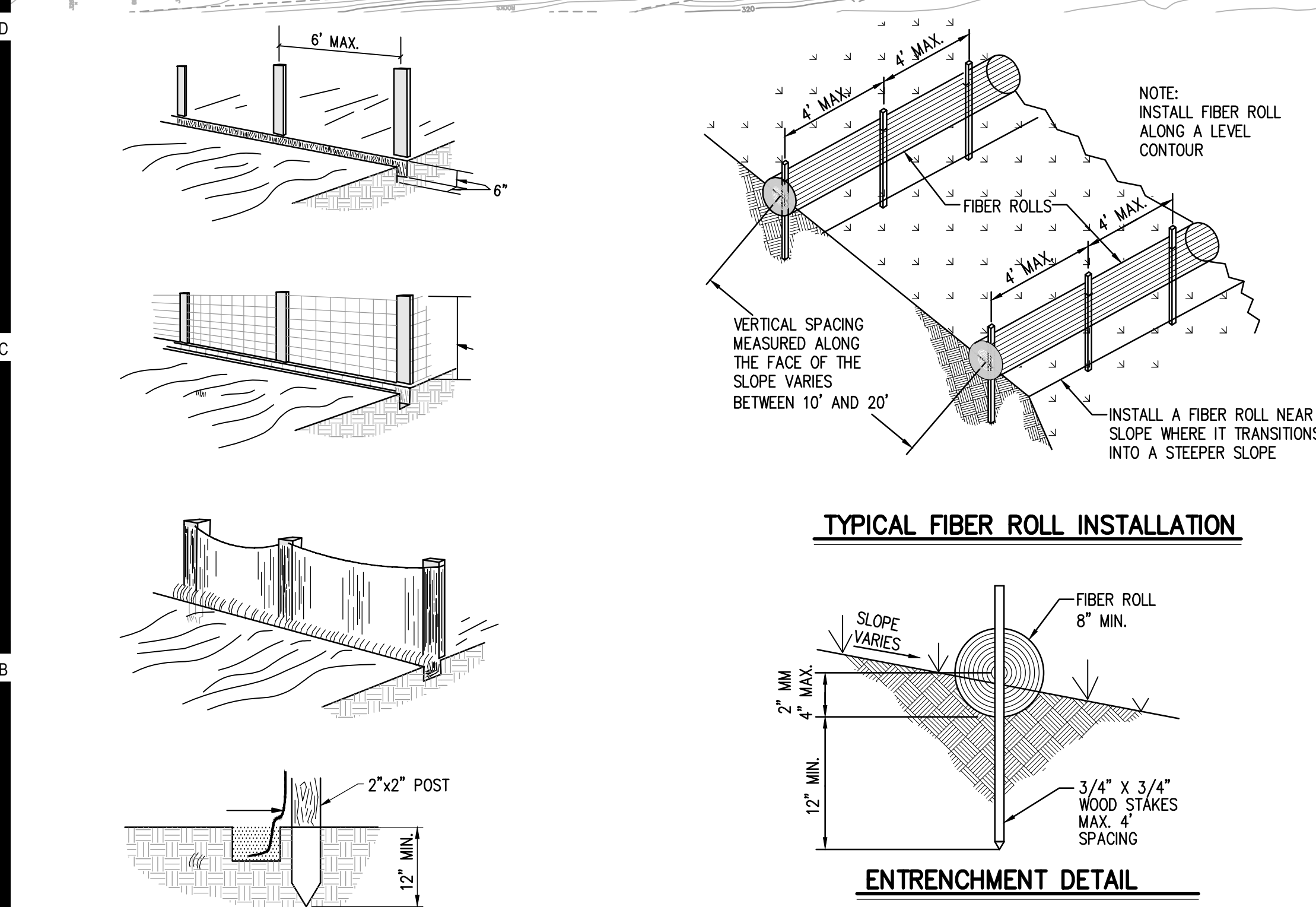
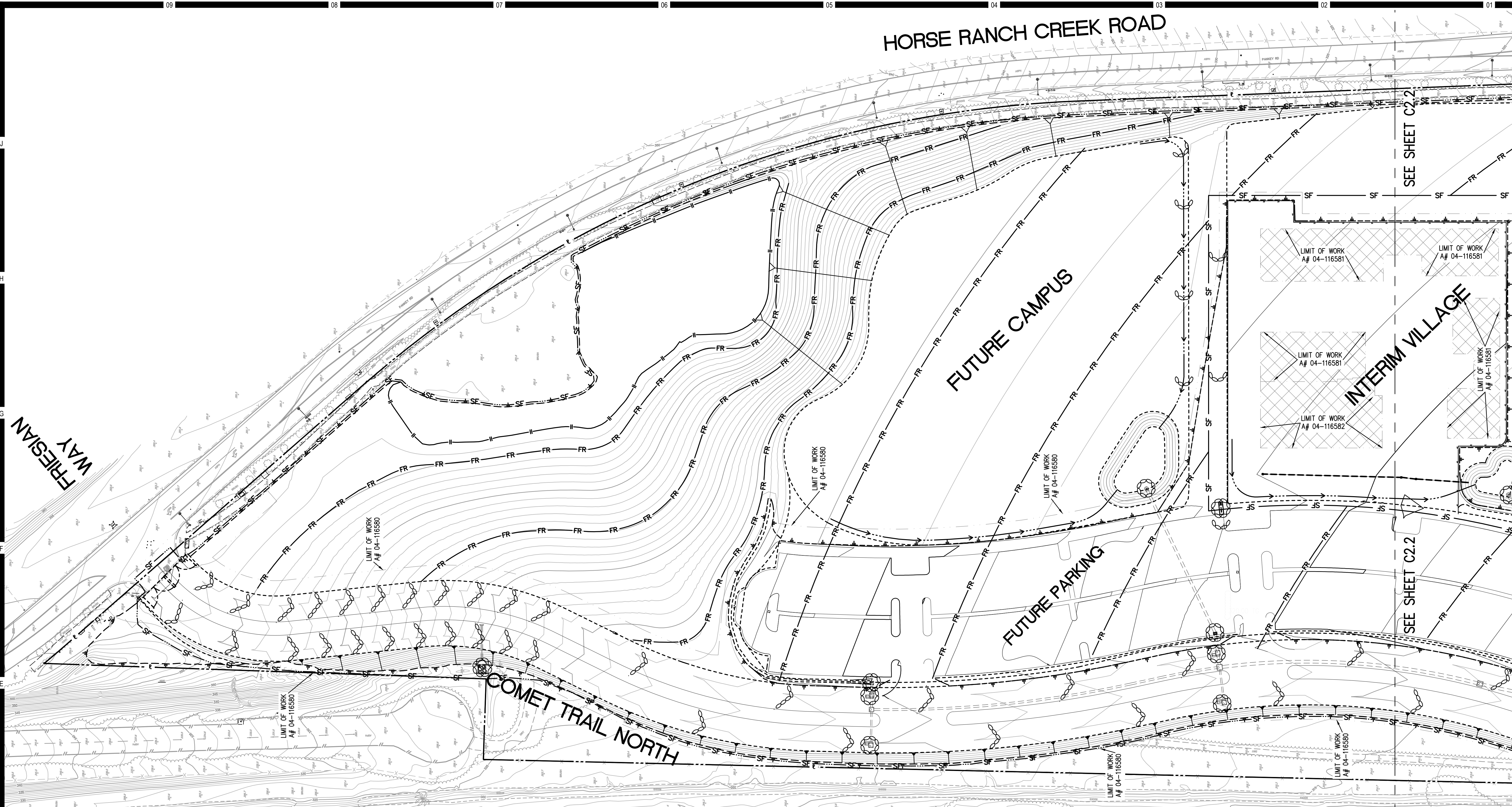
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**S.D.R.S.D. STANDARD DRAWINGS**







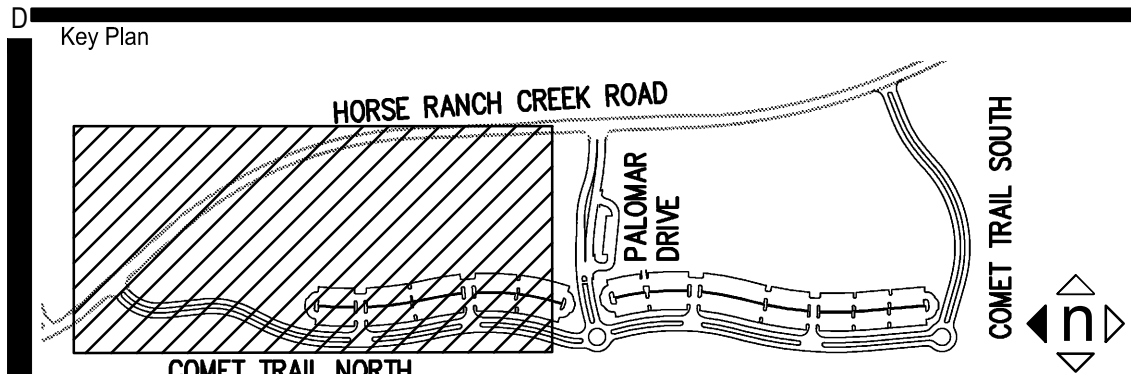




SYMBOL	DESCRIPTION	DWG
SF	SILT FENCE	SE-1
GB	GRAVEL BAG BARRIER "CHEVRONS"	SE-8
SDIP	STORM DRAIN INLET PROTECTION	SE-10
FR	FIBER ROLLS	SE-5
DL	DRAINAGE SWALE & LINED DITCHES	EC-9
SC	STABILIZED CONSTRUCTION ENTRANCE	TC-1
MS	MATERIAL DELIVERY STORAGE	WM-1
SWM	SOLID WASTE MANAGEMENT	WM-5
HW	HAZARDOUS WASTE MANAGEMENT	WM-6
CWM	CONCRETE WASTE MANAGEMENT	WM-8
SS	SANITARY/SEPTIC WASTE MANAGEMENT	WM-9

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Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

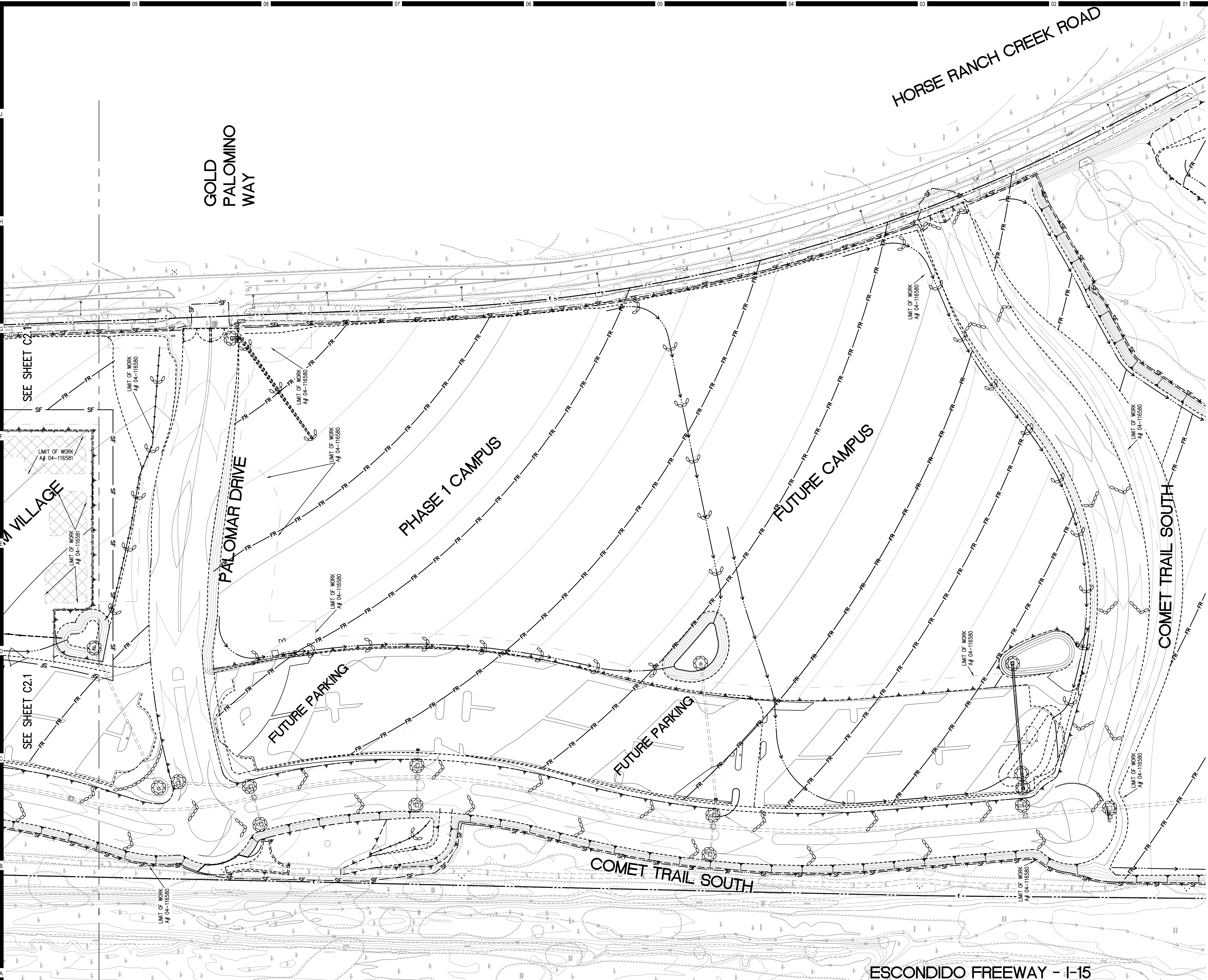
Drawing Title  
INTERIM VILLAGE EROSION CONTROL PLAN

Architect's Seal  
Professional Engineer  
No. C-32437  
Exp. 02-28-19  
CIVIL  
STATE OF CALIFORNIA

Designed: RD / DAM  
Drawn: DAM  
QA/QC: RD  
Date: 10/06/2017

Project No. 5015019-102  
MAI PN: 16249  
Scale: AS NOTED  
Drawing No. C2.1





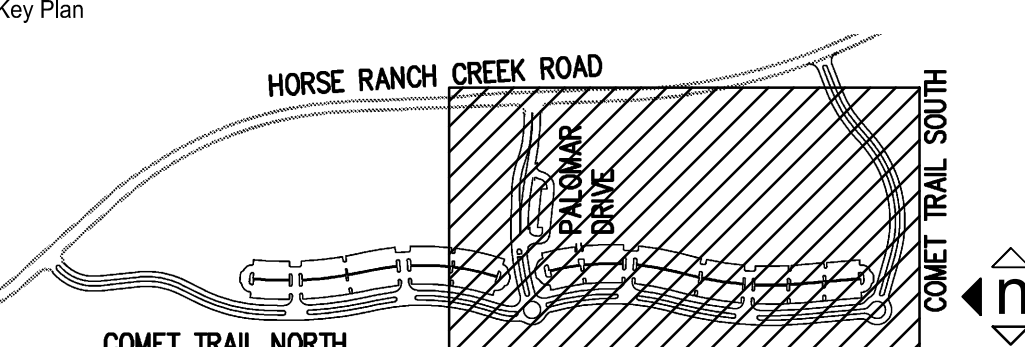
KEYNOTES		
SYMBOL	DESCRIPTION	DWG
SF	SILT FENCE	SE-1
GB	GRAVEL BAG BARRIER "CHEVRONS"	SE-8
SDIP	STORM DRAIN INLET PROTECTION	SE-10
FR	FIBER ROLLS	SE-5
SW	DRAINAGE SWALE & LINED DITCHES	EC-9
SCE	STABILIZED CONSTRUCTION ENTRANCE	TC-1
MS	MATERIAL DELIVERY STORAGE	WM-1
SWM	SOLID WASTE MANAGEMENT	WM-5
HWM	HAZARDOUS WASTE MANAGEMENT	WM-6
CWM	CONCRETE WASTE MANAGEMENT	WM-8
SS	SANITARY/SEPTIC WASTE MANAGEMENT	WM-9

- NOTES
1. CONTOURS AND ELEVATIONS SHOWN IN FUTURE ROADS ARE TO FINISHED GRADE. SUB-GRADE PER SOILS REPORT AND STREET SECTION ON PAGE 1.
  2. BENCHMARK USED IS SDGPS 3 FROM COUNTY OF SAN DIEGO CONTROL DATA SHEET ELV.=306.01 NAV29
  3. WDD # 9 37C380545

Consultant

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Consultant Seal

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT

APPL. 04-116580

ACS FLS SSS

DATE

Project Title

North Education Center  
**Palomar College**  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITAL - PHASE II	10/06/2017

Drawing Title: INTERIM VILLAGE EROSION CONTROL PLAN

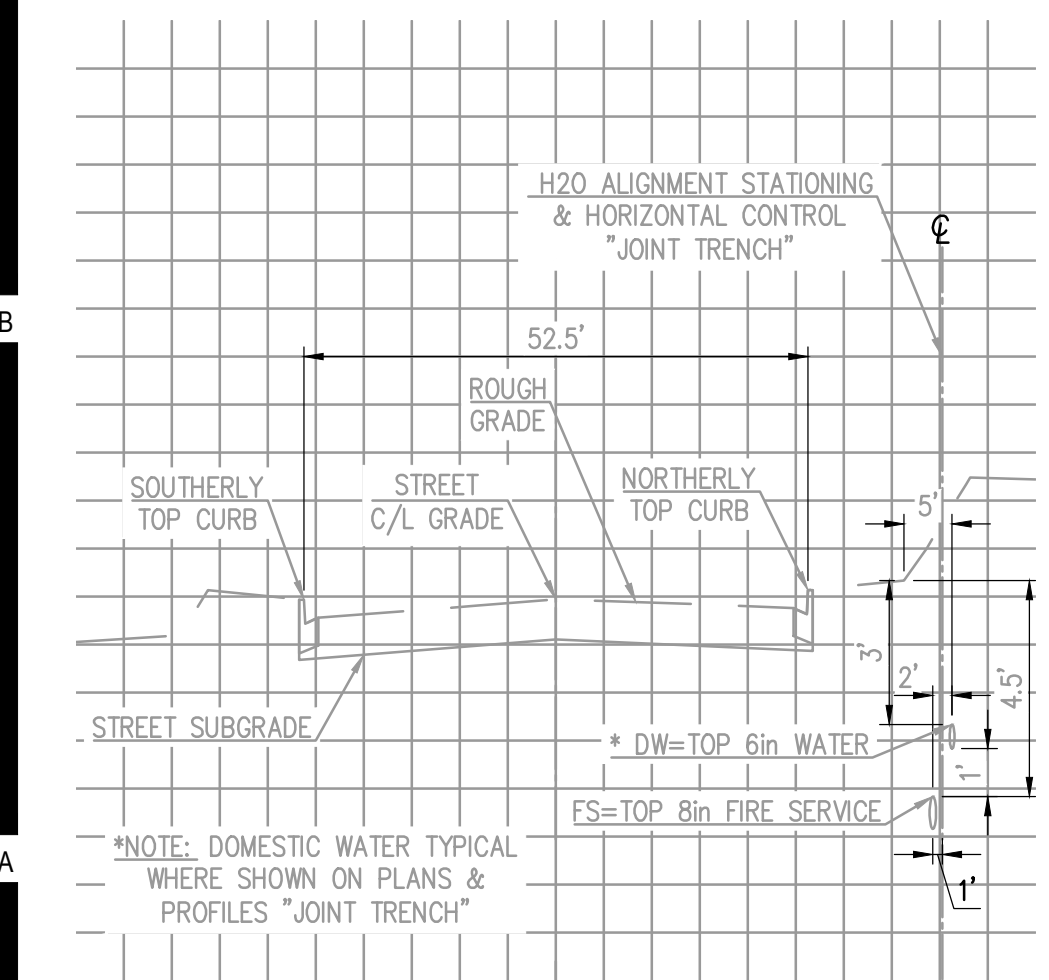
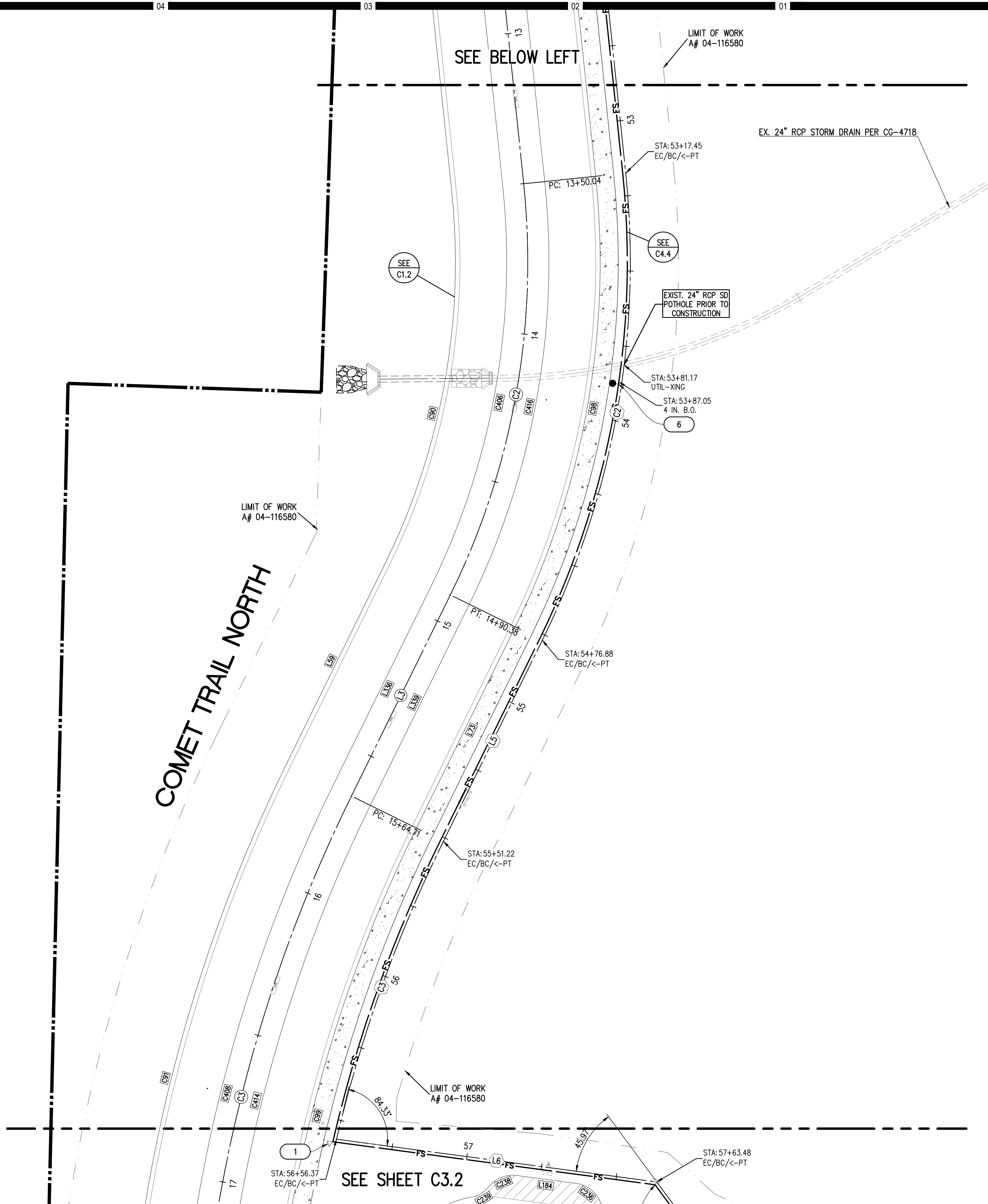
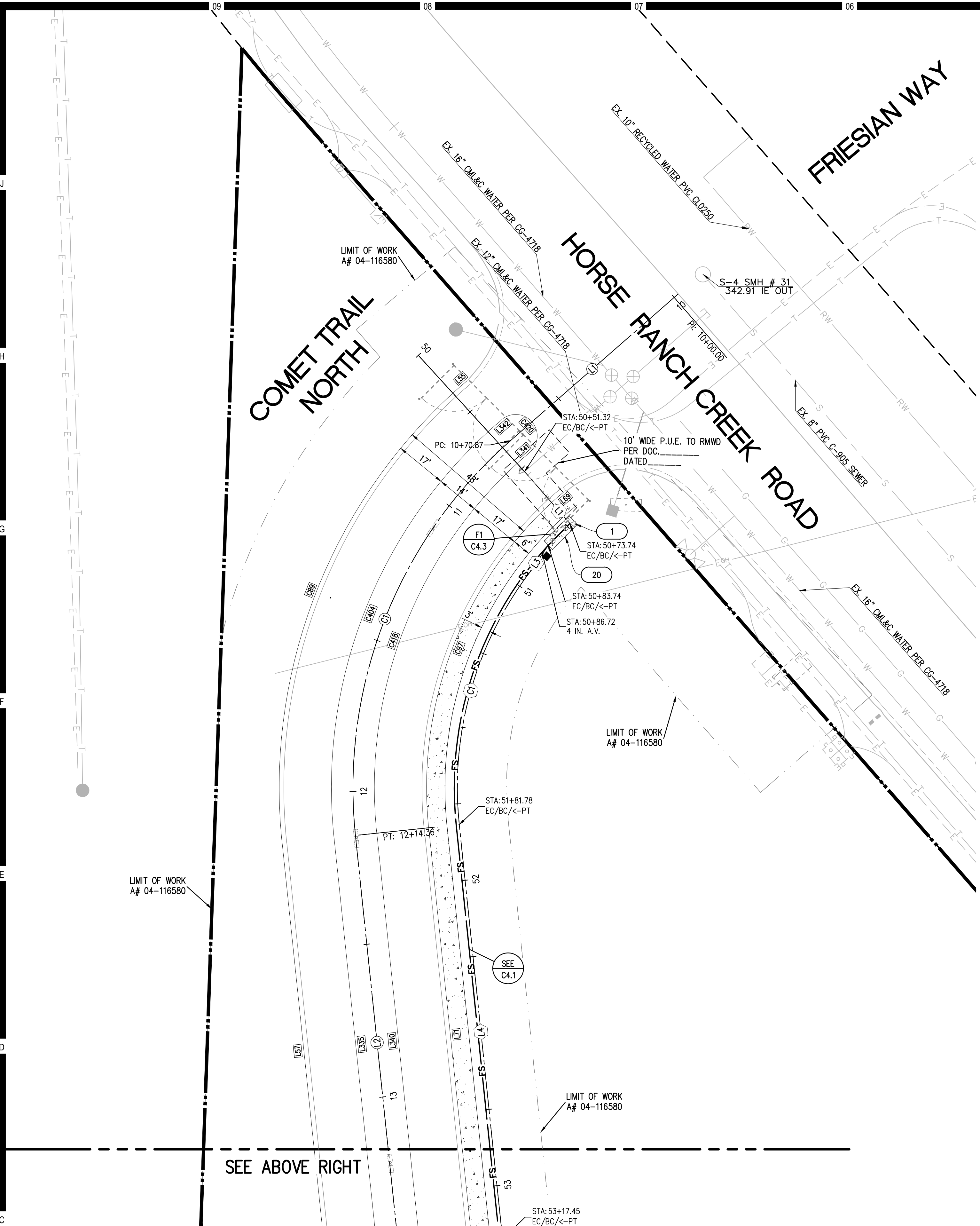
Architect's Seal

DESIGNED ARCHITECT  
NO. C-32437  
STATE OF CALIFORNIA

Designed: RD / DAM  
Drawn: DAM  
QA/QC: RD  
Date: 10/06/2017

Project No. 5015019-102  
MAI PN: 16249  
Scale: AS NOTED  
Drawing No. C2.2





**WATER FACILITIES SECTION (TYP.)**  
NOTE: WATER FACILITIES DATA TABLES REFER TO UTILITY CENTERLINE PER THIS DETAIL. N.T.S.

**KEYNOTES  
LEGEND**

KEY NOTE	SYMBOL	DESCRIPTION
		PROPERTY BOUNDARY
		EXISTING EASEMENT
		RIGHT OF WAY
		CENTERLINE
		EXISTING STORM DRAIN & APPURT'S
		LIMITS OF GRADING
		TOP / TOE OF SLOPE
		SLOPE DART
		EXISTING SEWER
		EXISTING WATER
		EXISTING STORM DRAIN
1		THRUST BLOCK PER RMWD W-4
2		FIRE HYDRANT PER RMWD W-9
3		C.V. PER RMWD W-3, 14, 19, 20
4		TEE PER RMWD W-3, 4, 14, 19, 20
5		SEWER CLEAN OUT PER RMWD S-8, 9
6		5' SEWER MANHOLE PER RMWD S-5, 7
7		4" BLOW OFF PER RMWD W-7
		4" AIR VALVE PER RMWD W 12
		6" SDR-35 SEWER RMWD S-1
		8" PVC C-90 FIRE SERVICE RMWD W-3
		6" PVC C-900 DOMESTIC WATER RMWD W-3
9		PROPOSED HDPE S.D. SIZE TYPE PER PLAN
10		6" C&G PER SDRSD G-2 TYPE G
11		6" CURB ONLY PER SDRSD G-1
12		6" AC BERM PER SDRSD G-5 TYPE A
13		CURB RAMP PER SDRSD G-27 TYPE A
14		CURB OUTLET PER SDRSD D-25
15		CROSS GUTTER PER SDRSD G-12
16		BROW DITCH PER SDRSD D-75 TYPE A
17		CONSTRUCT 3" AC OVER 6" AB
18		CONSTRUCT 4" AC OVER 7" AB
19		SEE ARCHITECT'S PLANS
20		DW BACKFLOW PREVENTER
		FW BACKFLOW PREVENTER
		FINISHED SURFACE ELEV.
		DOMESTIC WATER/FIRE SERVICE TP ELEV.
		SEWER INVERT ELEV.
		X = DETAIL #
		Y = SHEET #

318.89 FS

315.87 DW

314.90 FW

307.30 SWR

NOTES

X

Y

SEE SHEET C13.8 FOR DETAILS

SEE SHEET C17.4 FOR DETAILS

RMWD W-2A

DETAIL ON C4.3

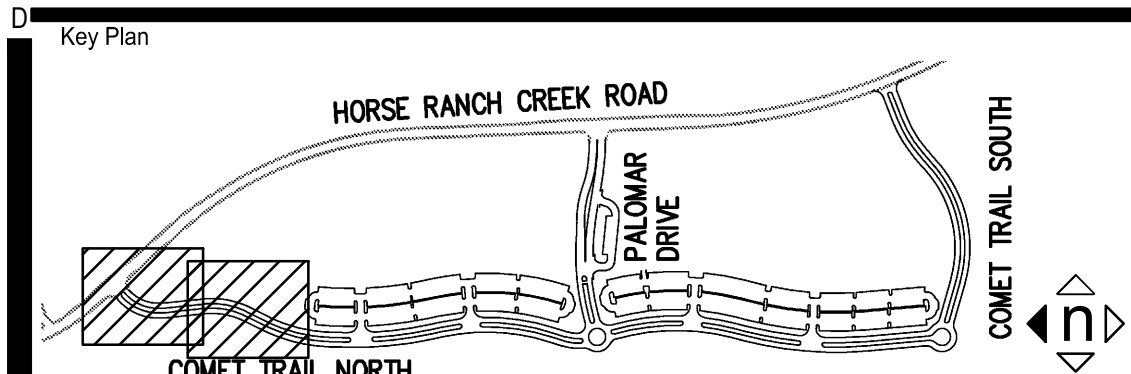
- NOTES**
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  2. BENCHMARK USED IS SDGPS 3 FROM COUNTY OF SAN DIEGO CONTROL DATA SHEET ELV.=306.01 NAV29
  3. WDD # 9 37C380545

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Consultant Seal

Agency Approval

FILE NO.

IDENTIFICATION STAMP

DIV. OF THE STATE ARCHITECT

APPL. 04-116580

ACS FLS SSS

DATE

Project Title

North Education Center

**PALOMAR COLLEGE**

35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITAL - PHASE II	10/06/2017

Drawing Title: **HORIZONTAL CONTROL  
UTILITY PLANS**

Architect's Seal

Designed: RD / DAM

Project No. 5015019-102

Drawn: DAM

Scale: MAI PN: 16249

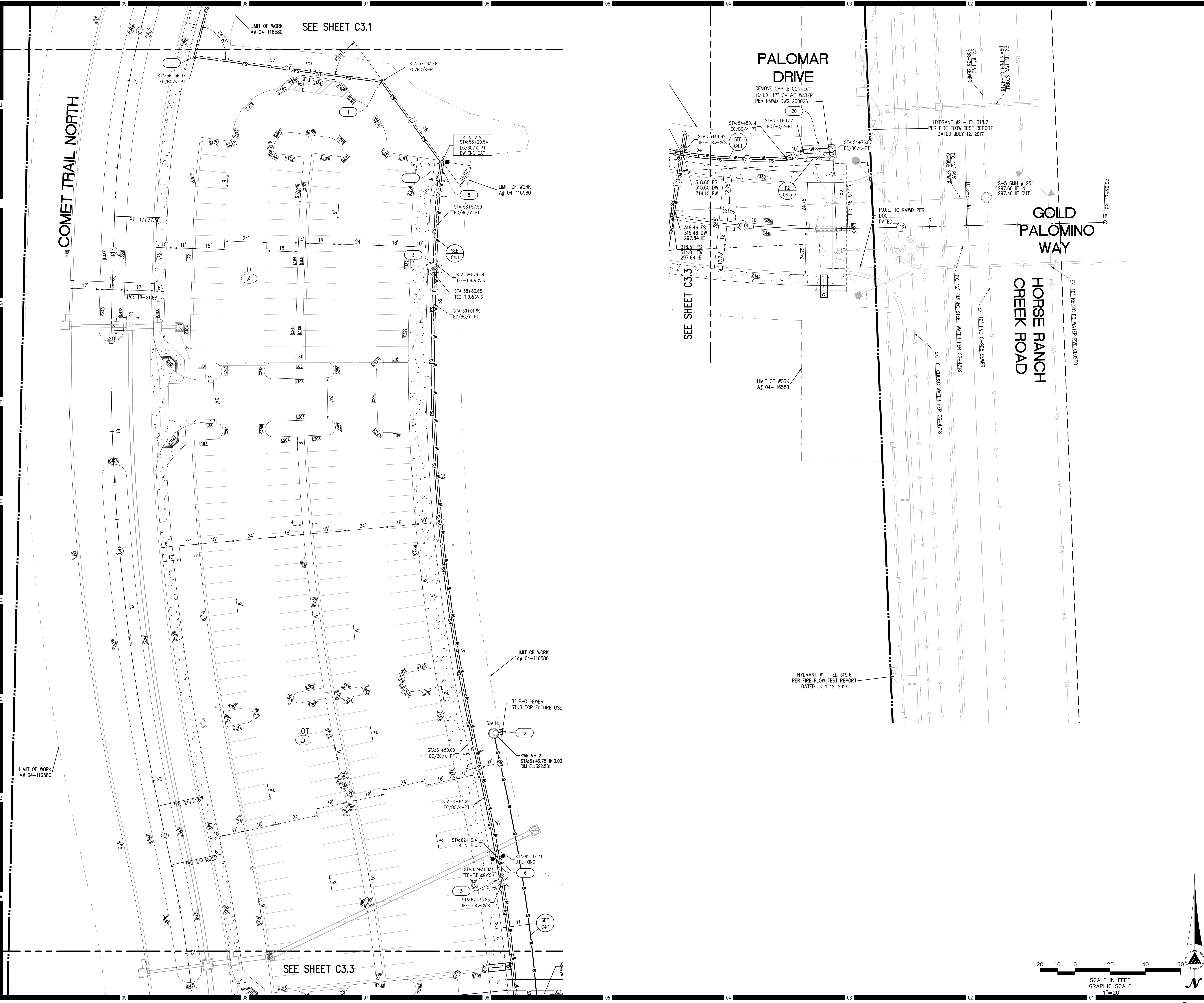
QA/QC: RD

Date: 10/06/2017

AS NOTED

Drawing No. **C3.1**





### KEYNOTES LEGEND

KEY NOTE	SYMBOL	DESCRIPTION
1	---	PROPERTY BOUNDARY
2	---	EXISTING EASEMENT
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4	---	CENTERLINE
5	---	EXISTING STORM DRAIN & APPURT'S
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7	---	TOP / TOE OF SLOPE
8	---	SLOPE DART
9	---	EXISTING SEWER
10	---	EXISTING WATER
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12	---	THRUST BLOCK PER RMWD W-4
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16	---	SEWER CLEAN OUT PER RMWD S-8, 9
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24	---	6" C&G PER SDRSD G-2 TYPE G
25	---	6" CURB ONLY PER SDRSD G-1
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27	---	6" SIDEWALK PER SDRSD G-7
28	---	CURB RAMP PER SDRSD G-27 TYPE A
29	---	CURB OUTLET PER SDRSD D-25
30	---	CROSS CUTTER PER SDRSD G-12
31	---	BROW DITCH PER SDRSD D-75 TYPE A
32	---	CONSTRUCT 3" AC OVER 6" AB
33	---	CONSTRUCT 4" AC OVER 7" AB
34	---	SEE ARCHITECT'S PLANS
35	---	DW BACKFLOW PREVENTER RMWD W-2A
36	---	FW BACKFLOW PREVENTER DETAIL ON C4.3
37	---	FINISHED SURFACE ELEV.
38	---	DOMESTIC WATER/FIRE SERVICE TP ELEV.
39	---	SEWER INVERT ELEV.
40	---	X = DETAIL #
41	---	Y = SHEET #

### NOTES

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- WDID # 9 37C380545

Consultant  
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Key Plan  
HORSE RANCH CREEK ROAD  
PALOMAR DRIVE  
COMET TRAIL NORTH  
COMET TRAIL SOUTH

Consultant Seal  
**PROFESSIONAL ARCHITECT**  
No. C081699  
Exp. 03/31/18  
CIVIL  
STATE OF CALIFORNIA

Agency Approval  
IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APPL. 04-116580  
ACS \_\_\_\_\_ FLS \_\_\_\_\_ SSS \_\_\_\_\_  
DATE \_\_\_\_\_

Project Title  
**Palomar College**  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITAL - PHASE II	10/06/2017

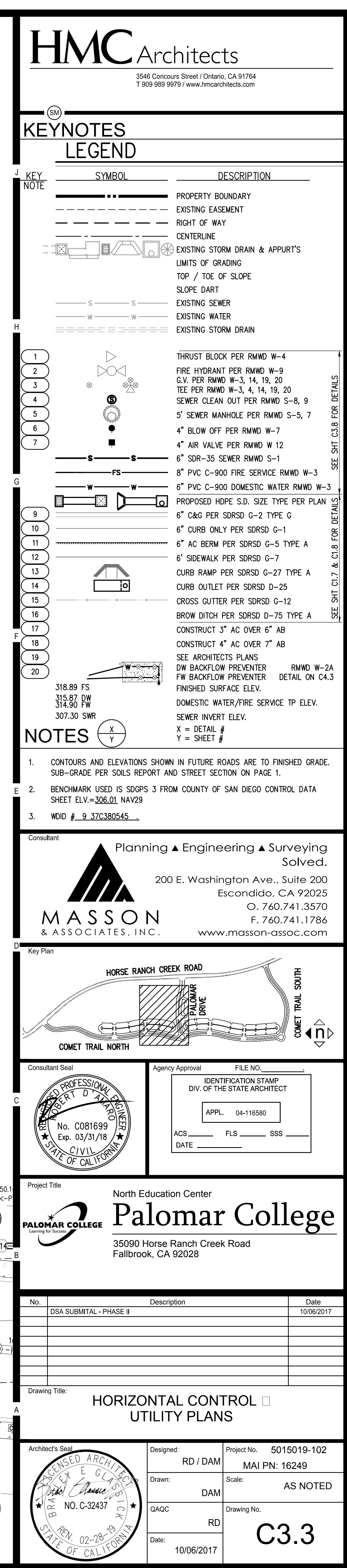
Drawing Title  
**HORIZONTAL CONTROL  
UTILITY PLANS**

Architect's Seal  
**PROFESSIONAL ARCHITECT**  
No. C-32437  
STATE OF CALIFORNIA

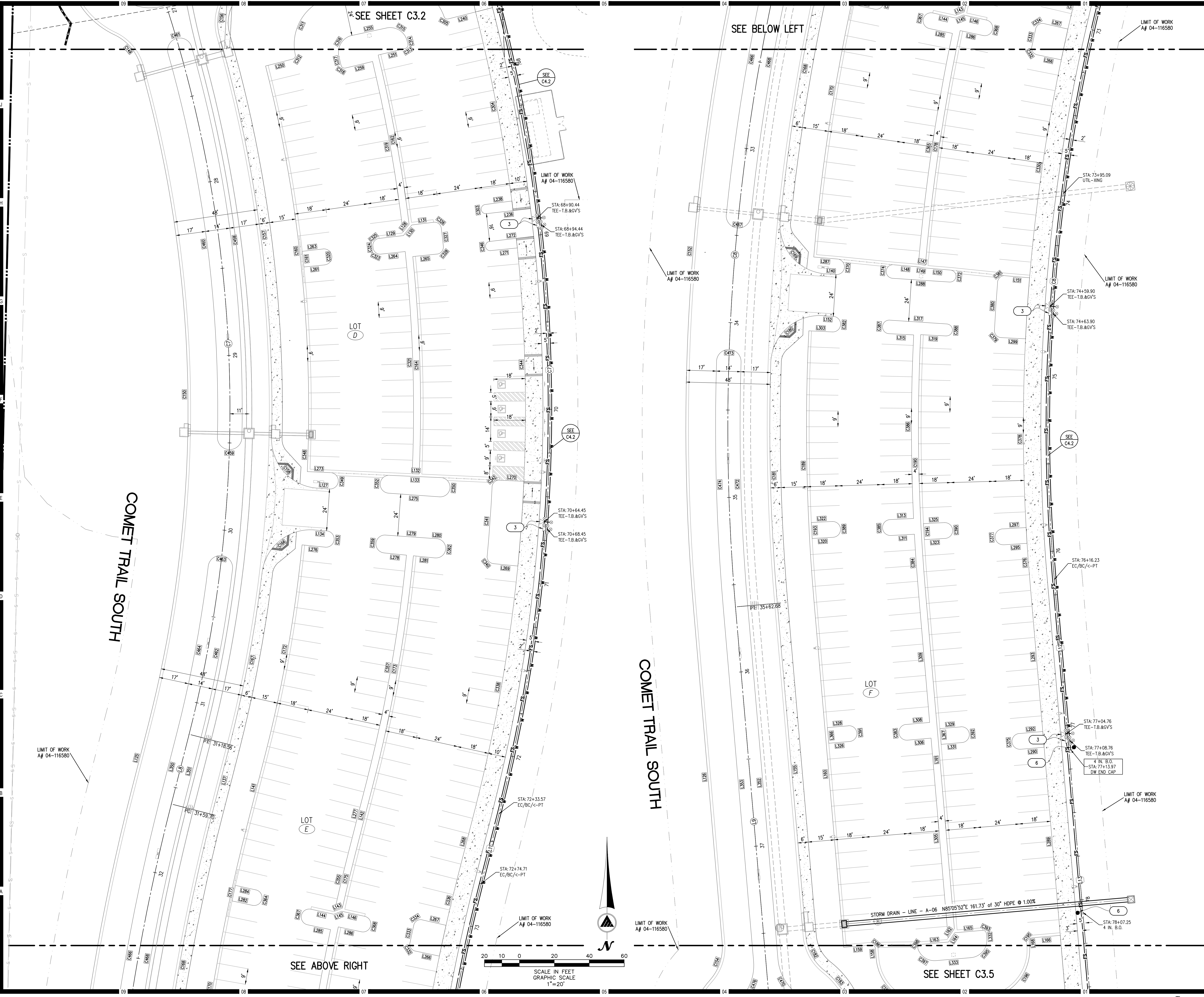
Designed: RD / DAM  
Drawn: DAM  
QA/QC: RD  
Date: 10/06/2017

Project No. 5015019-102  
MAI PN: 16249  
Scale: AS NOTED  
Drawing No. **C3.2**









### KEYNOTES LEGEND

KEY NOTE	SYMBOL	DESCRIPTION
1	---	PROPERTY BOUNDARY
2	---	EXISTING EASEMENT
3	---	RIGHT OF WAY
4	---	CENTERLINE
5	---	EXISTING STORM DRAIN & APPURT'S
6	---	LIMITS OF GRADING
7	---	TOP / TOE OF SLOPE
8	---	SLOPE DART
9	---	EXISTING SEWER
10	---	EXISTING WATER
11	---	EXISTING STORM DRAIN
12	---	THRUST BLOCK PER RMWD W-4
13	---	FIRE HYDRANT PER RMWD W-9
14	---	C.V. PER RMWD W-3, 14, 19, 20
15	---	TEE PER RMWD W-3, 4, 14, 19, 20
16	---	SEWER CLEAN OUT PER RMWD S-8, 9
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### NOTES

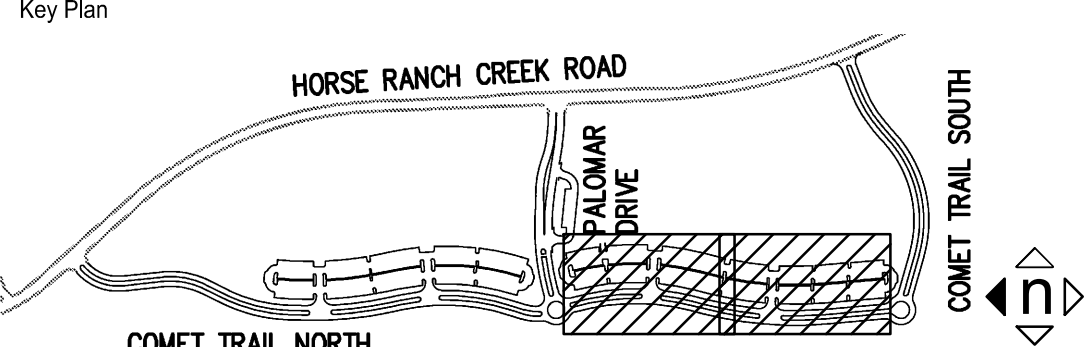
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3. WDD # 9 37C380545

Consultant

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Professional Engineer  
No. C081699  
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Agency Approval

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APPL. 04-116580  
ACS \_\_\_\_\_ FLS \_\_\_\_\_ SSS \_\_\_\_\_  
DATE \_\_\_\_\_

Project Title

**Palomar College**  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title: **HORIZONTAL CONTROL UTILITY PLANS**

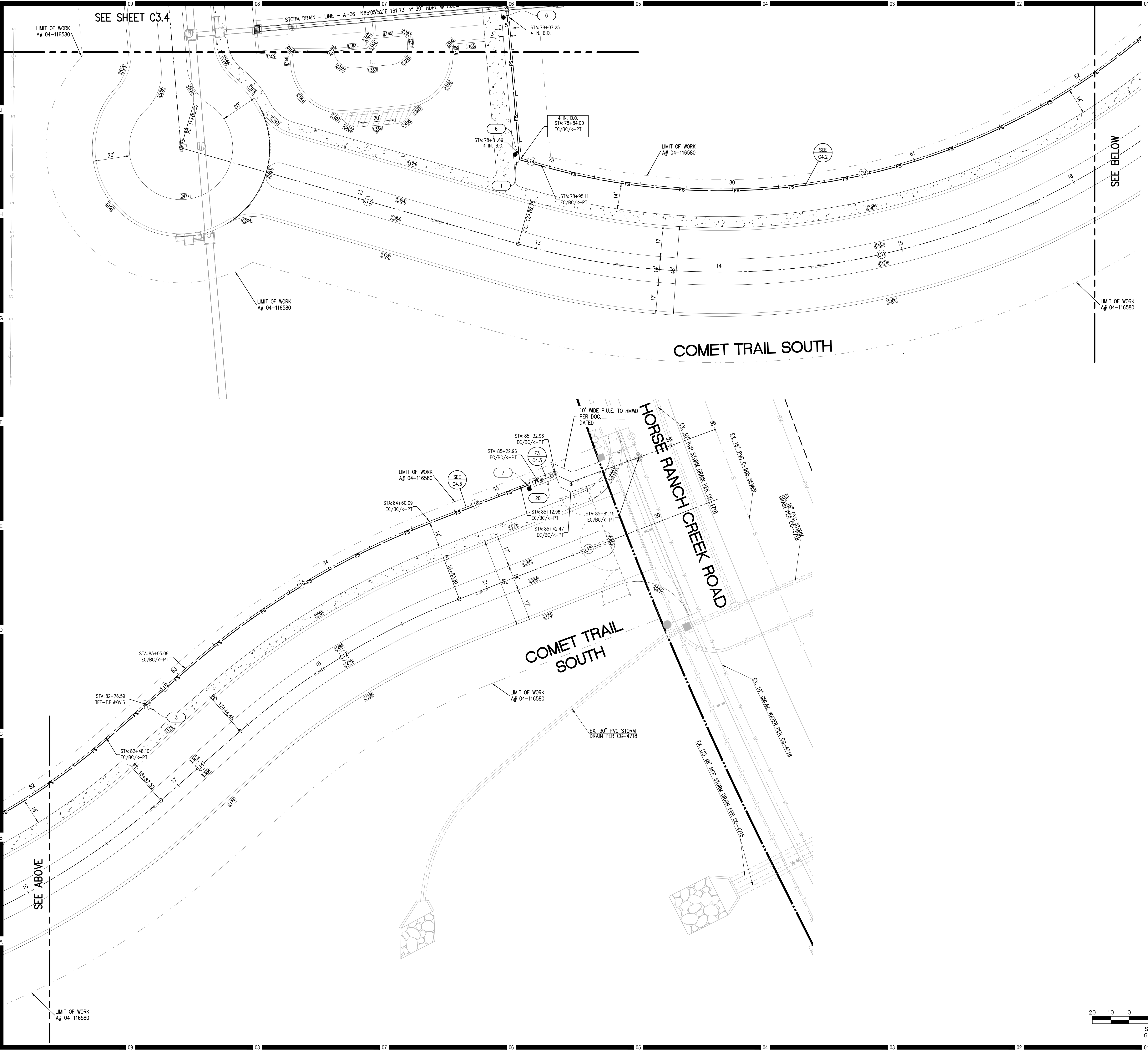
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Professional Engineer  
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STATE OF CALIFORNIA

Designed: RD / DAM  
Drawn: DAM  
QA/QC: RD  
Date: 10/06/2017

Project No. 5015019-102  
MAI PN: 16249  
Scale: AS NOTED  
Drawing No. **C3.4**





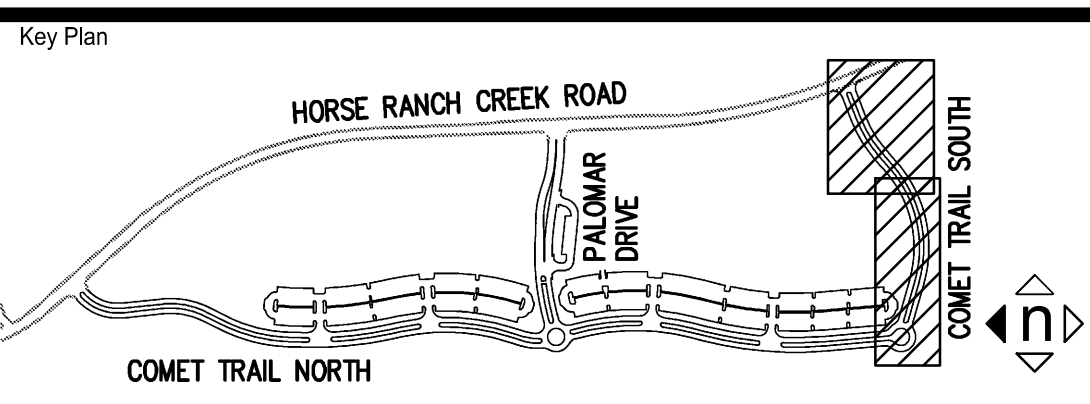
KEYNOTES  
LEGEND

KEY	SYMBOL	DESCRIPTION
J	---	PROPERTY BOUNDARY
H	- - - -	EXISTING EASEMENT
H	- - - -	RIGHT OF WAY
H	- - - -	CENTERLINE
H	[Symbol]	EXISTING STORM DRAIN & APPURT'S
H	[Symbol]	LIMITS OF GRADING
H	[Symbol]	TOP / TOE OF SLOPE
H	[Symbol]	SLOPE DART
H	[Symbol]	EXISTING SEWER
H	[Symbol]	EXISTING WATER
H	[Symbol]	EXISTING STORM DRAIN
1	[Symbol]	THRUST BLOCK PER RWMD W-4
2	[Symbol]	FIRE HYDRANT PER RWMD W-9
3	[Symbol]	C.V. PER RWMD W-3, 14, 19, 20
4	[Symbol]	TEE PER RWMD W-3, 4, 14, 19, 20
5	[Symbol]	SEWER CLEAN OUT PER RWMD S-8, 9
6	[Symbol]	5" SEWER MANHOLE PER RWMD S-5, 7
7	[Symbol]	4" BLOW OFF PER RWMD W-7
8	[Symbol]	4" AIR VALVE PER RWMD W 12
9	[Symbol]	6" SDR-35 SEWER RWMD S-1
10	[Symbol]	6" PVC C-900 FIRE SERVICE RWMD W-3
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12	[Symbol]	PROPOSED HDPE S.D. SIZE TYPE PER PLAN
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Project Title  
North Education Center  
Palomar College  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

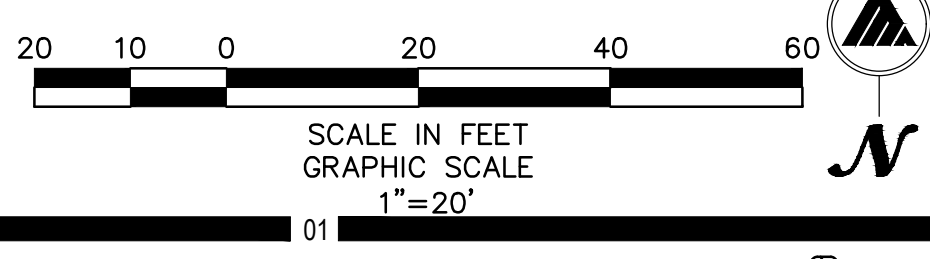
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Drawing Title  
HORIZONTAL CONTROL  
UTILITY PLANS

Architect's Seal  
DESIGNED ARCHITECT  
NO. C-32437  
STATE OF CALIFORNIA

Designed: RD / DAM  
Drawn: DAM  
QA/QC: RD  
Date: 10/06/2017

Project No. 5015019-102  
MAI PN: 16249  
Scale: AS NOTED  
Drawing No. C3.5





CURB AND GUTTER TABLE				
Station	Bearing/Delta	Radius	Length	Description
C89	054°48'31"	174.00'	166.45'	6" GURB AND GUTTER
C90	032°09'51"	226.00'	126.87'	6" GURB AND GUTTER
C91	024°23'33"	524.00'	223.08'	6" GURB AND GUTTER
C92	013°59'23"	1224.00'	298.86'	6" GURB AND GUTTER
C93	029°47'16"	676.00'	351.45'	6" GURB AND GUTTER
C94	023°22'12"	174.00'	70.97'	6" GURB AND GUTTER
C95	038°41'32"	28.00'	18.91'	6" GURB AND GUTTER
C96	097°41'21"	48.00'	81.84'	6" GURB AND GUTTER
C97	054°48'31"	126.00'	120.53'	6" GURB AND GUTTER
C98	032°09'51"	274.00'	153.82'	6" GURB AND GUTTER
C99	024°23'33"	476.00'	202.65'	6" GURB AND GUTTER
C100	000°58'19"	1176.00'	19.95'	6" GURB AND GUTTER
C101	091°59'48"	28.00'	44.96'	6" GURB AND GUTTER
C102	005°51'16"	455.00'	46.49'	6" GURB AND GUTTER
C104	001°52'38"	1155.00'	37.84'	6" GURB AND GUTTER
C106	001°47'54"	1091.00'	34.25'	6" GURB AND GUTTER
C107	005°47'55"	391.00'	39.57'	6" GURB AND GUTTER
C108	091°59'48"	28.00'	44.96'	6" GURB AND GUTTER
C109	009°01'27"	1176.00'	185.22'	6" GURB AND GUTTER
C110	004°58'34"	724.00'	62.88'	6" GURB AND GUTTER
C111	086°57'03"	28.00'	42.49'	6" GURB AND GUTTER
C112	009°55'46"	1155.00'	200.17'	6" GURB AND GUTTER
C114	006°24'36"	745.00'	83.35'	6" GURB AND GUTTER
C115	009°55'46"	1091.00'	189.07'	6" GURB AND GUTTER
C118	000°26'11"	1153.50'	8.79'	6" GURB AND GUTTER
C119	000°15'13"	1089.50'	4.82'	6" GURB AND GUTTER

CURB AND GUTTER TABLE				
Station	Bearing/Delta	Radius	Length	Description
C120	006°18'14"	809.00'	89.01'	6" GURB AND GUTTER
C121	000°13'51"	869.00'	3.50'	6" GURB AND GUTTER
C122	086°57'02"	28.00'	42.49'	6" GURB AND GUTTER
C123	018°42'49"	724.00'	236.47'	6" GURB AND GUTTER
C124	014°46'44"	126.00'	32.50'	6" GURB AND GUTTER
C125	108°30'51"	28.00'	53.03'	6" GURB AND GUTTER
C126	020°15'01"	824.00'	291.23'	6" GURB AND GUTTER
C127	006°36'03"	300.00'	34.56'	6" GURB AND GUTTER
C128	022°36'40"	325.25'	128.36'	6" GURB AND GUTTER
C129	011°28'44"	274.75'	55.04'	6" GURB AND GUTTER
C130	010°15'28"	523.75'	93.77'	6" GURB AND GUTTER
C131	020°08'51"	745.00'	261.97'	6" GURB AND GUTTER
C133	020°10'55"	809.00'	284.96'	6" GURB AND GUTTER
C135	000°41'32"	746.50'	9.02'	6" GURB AND GUTTER
C137	086°06'03"	2.00'	3.01'	6" GURB AND GUTTER
C138	040°41'29"	28.00'	19.89'	6" GURB AND GUTTER
C139	025°19'21"	28.00'	12.37'	6" GURB AND GUTTER
C140	067°45'56"	28.00'	33.12'	6" GURB AND GUTTER
C141	084°46'59"	2.00'	2.96'	6" GURB AND GUTTER
C143	010°27'02"	576.25'	105.11'	6" GURB AND GUTTER
C145	009°04'43"	767.75'	121.65'	6" GURB AND GUTTER
C146	009°28'24"	776.00'	128.31'	6" GURB AND GUTTER
C147	048°15'07"	28.00'	23.58'	6" GURB AND GUTTER
C148	002°41'34"	48.00'	2.26'	6" GURB AND GUTTER
C149	049°03'39"	28.00'	23.98'	6" GURB AND GUTTER
C150	030°02'27"	726.00'	380.65'	6" GURB AND GUTTER

CURB AND GUTTER TABLE				
Station	Bearing/Delta	Radius	Length	Description
C152	019°14'28"	1224.00'	411.04'	6" GURB AND GUTTER
C154	046°49'35"	28.00'	22.88'	6" GURB AND GUTTER
C155	162°52'03"	48.00'	136.44'	6" GURB AND GUTTER
C156	044°48'47"	28.00'	21.90'	6" GURB AND GUTTER
C157	017°12'50"	774.00'	232.54'	6" GURB AND GUTTER
C158	087°08'28"	28.00'	42.59'	6" GURB AND GUTTER
C160	015°28'41"	795.00'	214.76'	6" GURB AND GUTTER
C161	000°38'55"	796.50'	9.02'	6" GURB AND GUTTER
C162	006°33'41"	859.00'	98.37'	6" GURB AND GUTTER
C164	008°18'07"	859.25'	124.50'	6" GURB AND GUTTER
C166	087°08'28"	28.00'	42.59'	6" GURB AND GUTTER
C167	007°24'15"	774.00'	100.02'	6" GURB AND GUTTER
C168	008°32'57"	1176.00'	175.47'	6" GURB AND GUTTER
C169	091°59'48"	28.00'	44.96'	6" GURB AND GUTTER
C170	009°28'49"	1155.00'	191.45'	6" GURB AND GUTTER
C172	008°44'58"	795.00'	121.40'	6" GURB AND GUTTER
C173	008°44'58"	859.00'	131.17'	6" GURB AND GUTTER
C175	001°45'28"	1091.00'	33.47'	6" GURB AND GUTTER
C177	000°27'13"	1153.50'	9.13'	6" GURB AND GUTTER
C178	007°07'47"	1091.00'	135.76'	6" GURB AND GUTTER
C180	091°59'48"	28.00'	44.96'	6" GURB AND GUTTER
C181	006°41'54"	1176.00'	137.48'	6" GURB AND GUTTER
C182	046°49'35"	28.00'	22.88'	6" GURB AND GUTTER
C183	024°26'18"	48.00'	20.47'	6" GURB AND GUTTER
C184	072°58'51"	28.00'	35.67'	6" GURB AND GUTTER
C186	090°00'00"	2.00'	3.14'	6" GURB AND GUTTER

CURB AND GUTTER TABLE				
Station	Bearing/Delta	Radius	Length	Description
C189	007°38'47"	1155.00'	154.14'	6" GURB AND GUTTER
C190	007°41'27"	1091.00'	146.45'	6" GURB AND GUTTER
C193	00027°13"	1153.50'	9.13'	6" GURB AND GUTTER
C194	00028°50"	1089.50'	9.14'	6" GURB AND GUTTER
C195	090°00'00"	2.00'	3.14'	6" GURB AND GUTTER
C196	072°58'51"	28.00'	35.67'	6" GURB AND GUTTER
C197	046°49'35"	28.00'	22.88'	6" GURB AND GUTTER
C199	056°58'17"	376.00'	373.87'	6" GURB AND GUTTER
C201	019°57'28"	424.00'	147.69'	6" GURB AND GUTTER
C203	088°30'26"	30.00'	46.34'	6" GURB AND GUTTER
C204	046°49'35"	28.00'	22.88'	6" GURB AND GUTTER
C206	056°58'17"	424.00'	421.60'	6" GURB AND GUTTER
C208	019°57'28"	376.00'	130.97'	6" GURB AND GUTTER
C210	088°30'26"	30.00'	46.34'	6" GURB AND GUTTER
L55	S48°50'34"W	2.32'	6" GURB AND GUTTER	
L57	S05°57'57"E	135.67'	6" GURB AND GUTTER	
L59	S26°11'55"W	74.33'	6" GURB AND GUTTER	
L61	S01°48'21"W	44.10'	6" GURB AND GUTTER	
L63	S12°11'02"E	34.28'	6" GURB AND GUTTER	
L65	S17°36'15"W	45.56'	6" GURB AND GUTTER	
L69	S48°50'34"W	2.32'	6" GURB AND GUTTER	
L71	S05°57'57"E	135.67'	6" GURB AND GUTTER	
L73	S26°11'55"W	74.33'	6" GURB AND GUTTER	
L75	S01°48'21"W	44.10'	6" GURB AND GUTTER	
L78	N88°50'14"E	5.55'	6" GURB AND GUTTER	
L79	S01°48'21"W	44.10'	6" GURB AND GUTTER	

CURB AND GUTTER TABLE				
Station	Bearing/Delta	Radius	Length	Description
L80	N89°55'43"E	13.14'	6" GURB AND GUTTER	
L81	N89°55'43"E	4.00'	6" GURB AND GUTTER	
L83	N01°48'21"E	44.10'	6" GURB AND GUTTER	
L85	S89°55'43"W	31.18'	6" GURB AND GUTTER	
L86	S88°50'14"W	5.55'	6" GURB AND GUTTER	
L89	S12°11'02"E	34.28'	6" GURB AND GUTTER	
L92	N85°50'29"E	7.19'	6" GURB AND GUTTER	
L93	S12°11'02"E	34.28'	6" GURB AND GUTTER	
L94	S12°11'02"E	10.80'	6" GURB AND GUTTER	
L95	S34°42'51"W	5.48'	6" GURB AND GUTTER	
L96	N34°42'51"E	5.48'	6" GURB AND GUTTER	
L97	S12°11'02"E	21.43'	6" GURB AND GUTTER	
L997				



WATER TABLE					
①	Bearing/Delta	Radius	Length	Description	
C1	S15° 46' 34"W	116.00	88.04	8" PVC C900 FW	
C2	S10° 06' 59"W	284.00	159.43	8" PVC C900 FW	
C3	S19° 44' 02"W	466.00	105.15	8" PVC C900 FW	
C4	S05° 09' 17"W	317.00	37.06	CL 6" DW & 8" FW PER DETAIL	
C5	S05° 11' 20"E	1017.00	248.32	CL 6" DW & 8" FW PER DETAIL	
C6	S02° 34' 45"W	883.00	455.03	CL 6" DW & 8" FW PER DETAIL	
C7	S01° 23' 14"E	933.00	512.17	CL 6" DW & 8" FW PER DETAIL	
C8	S04° 43' 07"W	1017.00	341.53	CL 6" DW & 8" FW PER DETAIL	
C9	N77° 23' 52"E	355.00	352.99	8" PVC C900 FW	
C10	N58° 53' 27"E	445.00	155.01	8" PVC C900 FW	
C11	S89° 00' 46"E	834.00	104.05	CL 6" DW & 8" FW PER DETAIL	
C12	S88° 44' 20"E	290.00	33.41	CL 6" DW & 8" FW PER DETAIL	
C13	S80° 44' 02"E	335.25	132.30	CL 6" DW & 8" FW PER DETAIL	
C14	S81° 36' 23"E	264.75	112.55	CL 6" DW & 8" FW PER DETAIL	
L1	S41° 09' 26"E		22.42	12" OML&C PUBLIC WATER	
L2	N09° 05' 34"E		83.50	CL 6" DW & 8" FW PER DETAIL	
L3	S34° 13' 54"W		10.00	8" PVC C900 FW	
L4	S05° 57' 57"E		135.67	8" PVC C900 FW	
L5	S26° 11' 55"W		74.33	8" PVC C900 FW	
L6	S82° 23' 44"E		107.11	8" PVC C900 FW	
L7	S36° 25' 18"E		57.06	8" PVC C900 FW	
L8	S01° 48' 21"W		44.10	CL 6" DW & 8" FW PER DETAIL	
L9	S12° 11' 02"E		34.28	CL 6" DW & 8" FW PER DETAIL	
L10	S02° 35' 13"E		82.08	CL 6" DW & 8" FW PER DETAIL	
L11	S14° 20' 20"W		41.13	CL 6" DW & 8" FW PER DETAIL	
L12	S04° 54' 07"E		97.74	CL 6" DW & 8" FW PER DETAIL	
L13	S04° 54' 07"E		170.03	8" PVC C900 FW	
L14	S74° 07' 00"E		11.10	8" PVC C900 FW	
L15	N48° 54' 44"E		56.99	8" PVC C900 FW	
L16	N68° 52' 11"E		52.87	8" PVC C900 FW	
L17	N74° 36' 32"E		10.00	8" PVC C900 FW	
L18	N87° 24' 47"E		47.49	CL 6" DW & 8" FW PER DETAIL	
L19	N74° 34' 07"E		10.24	CL 6" DW & 8" FW PER DETAIL	

CENTER LINE TABLE			
①	Bearing/Delta	Radius	Length
C1	S21° 26' 19"W	150.00	143.49
C2	S10° 06' 59"W	250.00	140.34
C3	S14° 00' 08"W	500.00	212.87
C4	S05° 11' 20"E	1200.00	293.00
C5	S02° 42' 37"W	700.00	363.93
C6	S01° 14' 39"E	150.00	98.69
C7	S02° 52' 36"E	750.00	450.70
C8	S04° 43' 07"W	1200.00	402.98
C9	N87° 17' 59"E	800.00	411.58
C10	S84° 39' 22"E	550.00	128.52
C11	N77° 23' 52"E	400.00	397.73
C12	N58° 53' 27"E	400.00	139.33
L1	S48° 50' 34"W		70.87
L2	S05° 57' 57"E		135.67
L3	S26° 11' 55"W		74.33
L4	S01° 48' 21"W		44.10
L5	S12° 11' 02"E		34.28
L6	S17° 36' 15"W		45.56
L7	S20° 05' 32"E		10.73
L8	S14° 20' 20"W		41.13
L9	S04° 54' 07"E		246.44
L10	N72° 33' 40"E		31.39
L11	S77° 57' 43"E		82.06
L12	N88° 38' 58"E		67.56
L13	S74° 07' 00"E		189.76
L14	N48° 54' 44"E		56.99
L15	N68° 52' 11"E		150.08

INTERIM VILLAGE SEWER TABLE				
◀①	Bearing/Delta	Radius	Length	Description
C80	029° 23' 26"	895.00'	459.10'	6" PVC C900
L80	S12° 11' 02"E		34.28'	6" PVC C900
L81	N90° 00' 00"E		229.19'	6" PVC C900
L82	S00° 00' 00"E		138.50'	6" PVC C900
L83	N90° 00' 00"E		3.29'	6" PVC C900
L84	N90° 00' 00"W		17.71'	6" PVC C900
L85	N90° 00' 00"E		3.29'	6" PVC C900
L86	N90° 00' 00"E		3.29'	6" PVC C900
L87	N00° 00' 00"W		53.17'	6" PVC C900
L88	N00° 00' 00"E		31.17'	6" PVC C900
L89	N00° 00' 00"E		31.17'	6" PVC C900
L90	N45° 00' 00"E		23.33'	6" PVC C900

INTERIM VILLAGE WATER TABLE				
①	Bearing/Delta	Radius	Length	Description
L51	S83° 13' 37"E		5.50'	6" PVC C900 DW
L53	N90° 00' 00"E		199.57'	6" PVC C900 DW
L54	N00° 00' 00"E		25.50'	6" PVC C900 DW
L55	N00° 00' 00"E		64.17'	6" PVC C900 DW
L56	N00° 00' 00"E		42.17'	6" PVC C900 DW
L58	N00° 00' 00"W		42.17'	6" PVC C900 DW
L59	N00° 00' 00"E		170.41'	6" PVC C900 DW
L61	N90° 00' 00"E		47.29'	6" PVC C900 DW
L62	N90° 00' 00"E		31.38'	6" PVC C900 DW
L63	S90° 00' 00"E		80.63'	6" PVC C900 DW
L64	S00° 00' 00"E		24.91'	6" PVC C900 DW
L66	N90° 00' 00"E		195.72'	6" PVC C900 DW
L69	N85° 50' 29"E		5.56'	6" PVC C900 DW
L75	N00° 00' 00"E		51.21'	6" PVC C900 DW

INTERIM VILLAGE 8" FIRE TABLE				
①	Bearing/Delta	Radius	Length	Description
L50	S83° 13' 37"E		7.38'	8" PVC C900 FW
L52	N90° 00' 00"E		197.45'	8" PVC C900 FW
L57	N00° 00' 00"E		29.26'	8" PVC C900 FW
L60	N00° 00' 00"E		166.41'	8" PVC C900 FW
L65	N00° 08' 57"E		16.00'	8" PVC C900 FW
L67	N90° 00' 00"E		193.64'	8" PVC C900 FW
L68	N00° 00' 00"E		14.52'	8" PVC C900 FW
L70	N85° 50' 29"E		7.49'	8" PVC C900 FW
L71	N00° 00' 00"E		152.49'	8" PVC C900 FW
L72	N90° 00' 00"E		10.72'	8" PVC C900 FW
L73	N90° 00' 00"E		10.72'	8" PVC C900 FW
L74	N90° 00' 00"E		10.72'	8" PVC C900 FW

KEYNOTES

NOTES

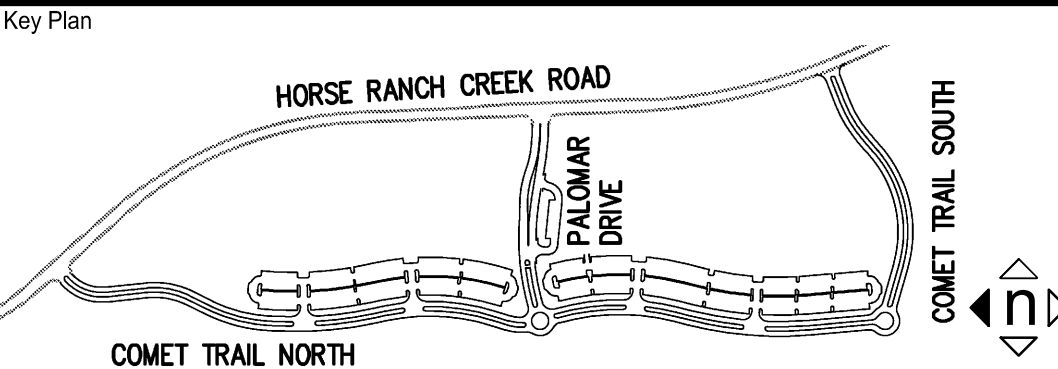
1. CONTOURS AND ELEVATIONS SHOWN IN FUTURE ROADS ARE TO FINISHED GRADE. SUB-GRADE PER SOILS REPORT AND STREET SECTION ON PAGE 1.
2. BENCHMARK USED IS SDGPS 3 FROM COUNTY OF SAN DIEGO CONTROL DATA SHEET ELV.=306.01 NAV29
3. WDD # 9\_37C380545

Consultant

Planning ▲ Engineering ▲ Surveying  
Solved.



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Consultant Seal

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DIV. OF THE STATE ARCHITECT  
APPL. 04-116580  
ACS \_\_\_\_\_ FLS \_\_\_\_\_ SSS \_\_\_\_\_  
DATE \_\_\_\_\_

Agency Approval

FILE NO. \_\_\_\_\_

Project Title



North Education Center  
**Palomar College**  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITAL - PHASE II	10/06/2017

Drawing Title:

DATA TABLES

Architect's Seal

DESIGNED ARCHITECT  
NO. C-32437  
EXPIRATION 02-28-19

Designed: RD / DAM  
Drawn: DAM  
QA/QC: RD  
Date: 10/06/2017

Project No. 5015019-102  
MAI PN: 16249  
Scale: AS NOTED  
Drawing No.  
**C3.7**



09 08 07 06 05 04 03 02 01

RAINBOW MUNICIPAL WATER DISTRICT  
STANDARD PIPE ZONE AND TRENCH BACKFILL  
S-1  
JANUARY 2016

RAINBOW MUNICIPAL WATER DISTRICT  
PIPELINE SEPARATION REQUIREMENTS  
S-3  
JANUARY 2016

RAINBOW MUNICIPAL WATER DISTRICT  
STANDARD PRECAST CONCRETE MANHOLE (5' DIA.)  
S-5  
JANUARY 2016

RAINBOW MUNICIPAL WATER DISTRICT  
36" MANHOLE FRAME AND TWO CONCENTRIC COVERS  
S-7  
JANUARY 2016

RAINBOW MUNICIPAL WATER DISTRICT  
NEW INSTALLATION PVC SEWER LATERAL  
S-8  
JANUARY 2016

RAINBOW MUNICIPAL WATER DISTRICT  
DEEP CUT SEWER LATERAL  
S-9  
JANUARY 2016

KEYNOTES

RAINBOW MUNICIPAL WATER DISTRICT  
4" TO 6" WATER SERVICE  
W-2A  
JULY 2016

RAINBOW MUNICIPAL WATER DISTRICT  
STANDARD PIPE ZONE AND TRENCH BACKFILL  
W-3  
JULY 2016

RAINBOW MUNICIPAL WATER DISTRICT  
CONCRETE THRUST BLOCKS  
W-4  
JULY 2016

SAN DIEGO REGIONAL STANDARD DRAWING  
SEWER CLEANOUT  
SC-01

RAINBOW MUNICIPAL WATER DISTRICT  
4" BLOW-OFF ASSEMBLY  
(FOR PRESSURE LESS THAN 250 PSI)  
W-7  
JULY 2016

RAINBOW MUNICIPAL WATER DISTRICT  
6" FIRE HYDRANT ASSEMBLY  
(FOR PRESSURE LESS THAN 250 PSI)  
W-9  
JULY 2016

NOTES

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3. WDD # 9 37C380545

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RAINBOW MUNICIPAL WATER DISTRICT  
4" AND 6" AUTOMATIC AIR RELEASE AND VACUUM RELIEF VALVE  
W-12  
JULY 2016

RAINBOW MUNICIPAL WATER DISTRICT  
STANDARD RESTRAINT, TEE, DEAD END, BEND FOR PVC C-900 & C805  
W-14  
JULY 2016

RAINBOW MUNICIPAL WATER DISTRICT  
VALVE WELL FRAME  
W-19  
JULY 2016

RAINBOW MUNICIPAL WATER DISTRICT  
VALVE WELL COVER  
W-20  
JULY 2016

RAINBOW MUNICIPAL WATER DISTRICT  
4" AND LARGER FIRE SERVICE INSTALLATION  
W-22A  
JULY 2016

RAINBOW MUNICIPAL WATER DISTRICT  
4" AND LARGER FIRE SERVICE INSTALLATION  
W-22B  
JULY 2016

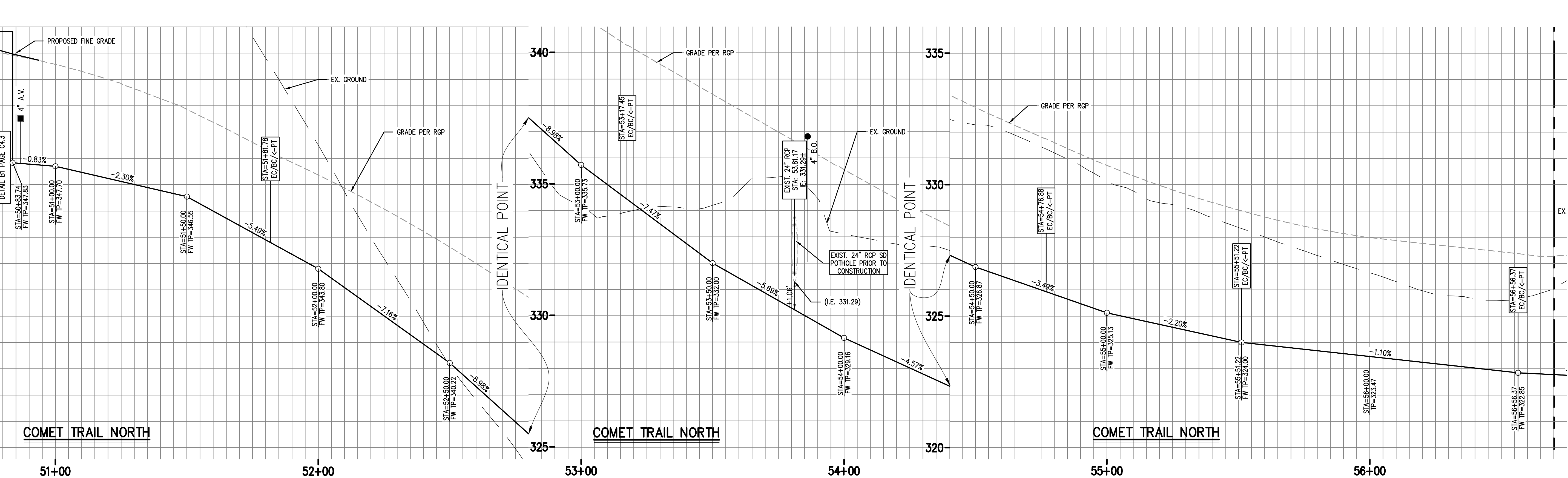
Palomar College  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

R.M.W.D. STANDARD DRAWINGS

Project Title: North Education Center  
Project No: 5015019-102  
Drawn: RD / DAM  
Scale: MAI/IN: 16249  
Date: 10/06/2017

Architect's Seal: No. C-32437  
Professional Engineer: No. C-081699  
State of California





Key Plan

HORSE RANCH CREEK ROAD

PALOMAR DRIVE

COMET TRAIL NORTH

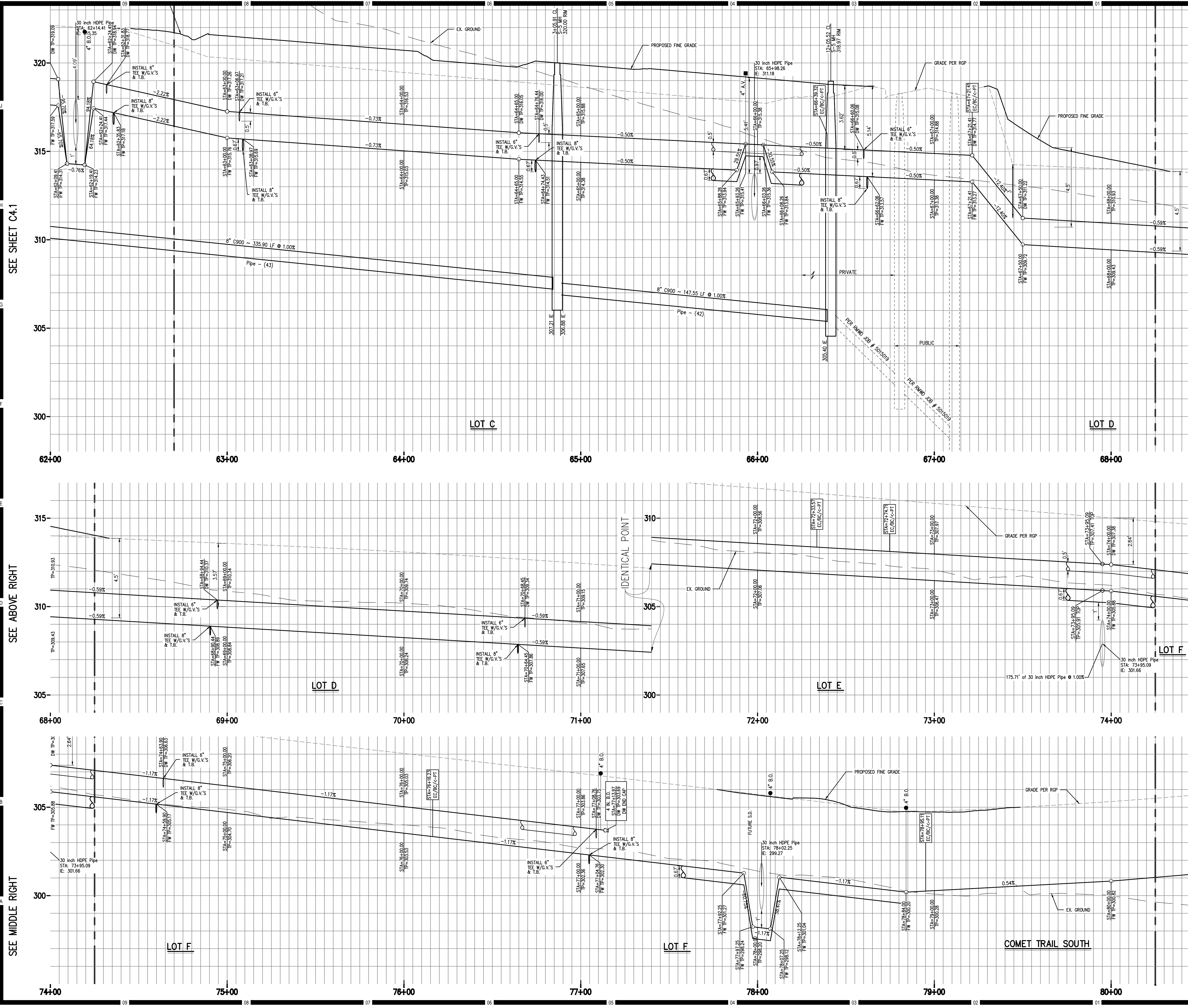
COMET TRAIL SOUTH

North arrow pointing up.

No.	Description	Date
	DSA SUBMITAL - PHASE II	10/06/2017

## A SUBMITTAL

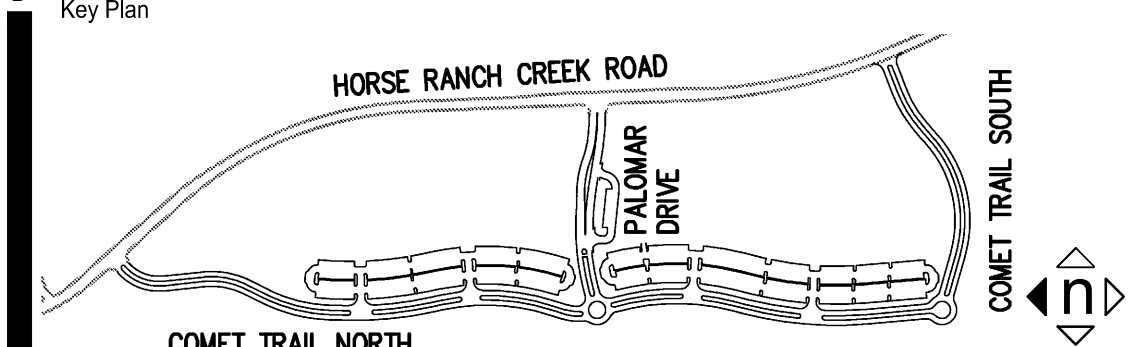




KEYNOTES

- NOTES
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Consultant Seal  
**PROFESSIONAL ENGINEER**  
No. C081699  
Exp. 03/31/18  
CIVIL  
STATE OF CALIFORNIA

Agency Approval  
IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APPL. 04-116580  
ACS \_\_\_\_\_ FLS \_\_\_\_\_ SSS \_\_\_\_\_  
DATE \_\_\_\_\_

Project Title  
**Palomar College**  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITAL - PHASE II	10/06/2017

Drawing Title:

UTILITY PROFILES

Architect's Seal  
**REGISTERED ARCHITECT**  
No. C-32437  
STATE OF CALIFORNIA

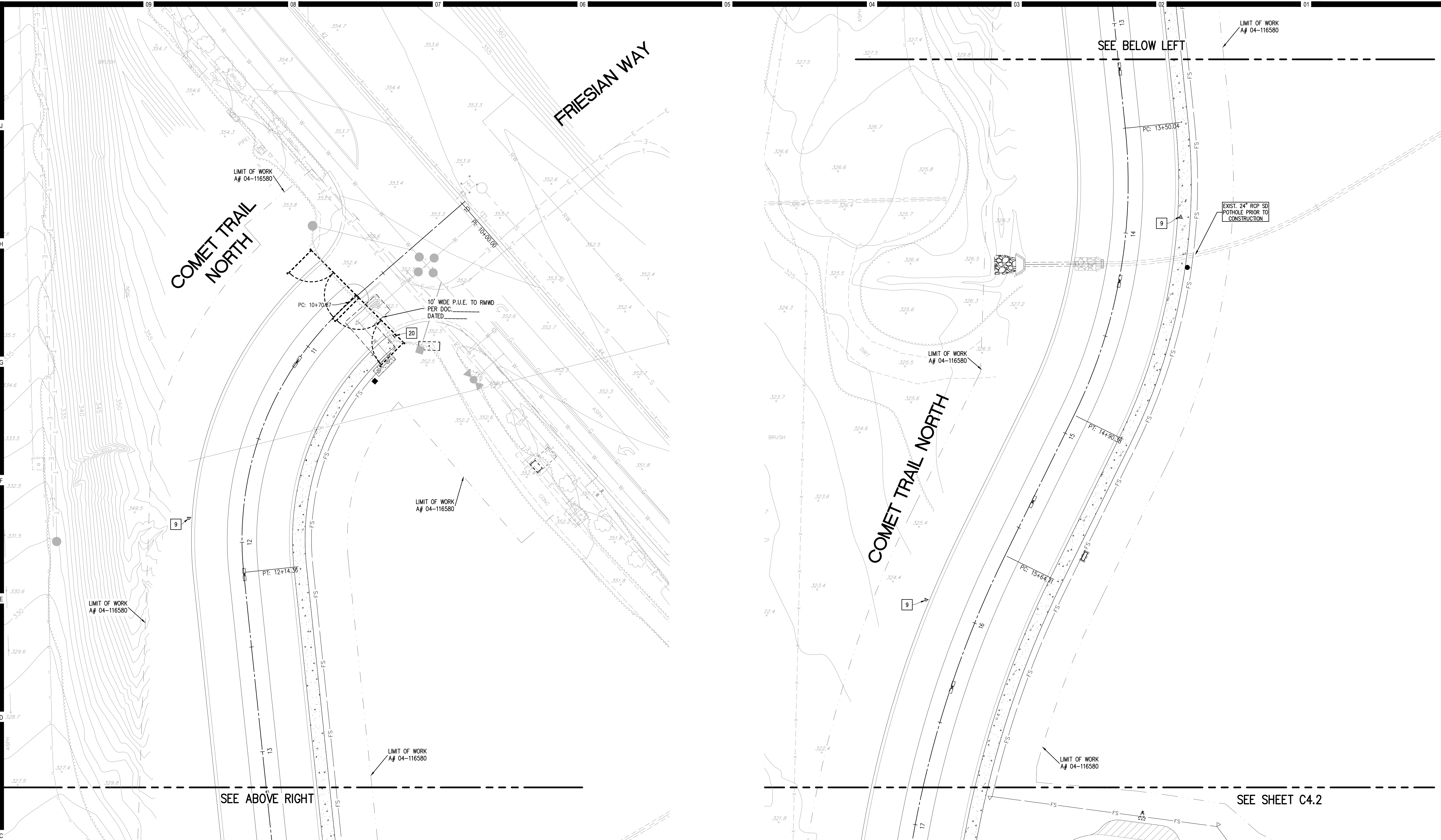
Designed: RD / DAM  
Drawn: DAM  
OAGC: RD  
Date: 10/06/2017

Project No. 5015019-102  
MAI PN: 16249  
Scale: AS NOTED  
Drawing No. C4.2









**HMC Architects**  
3546 Conours Street / Ontario, CA 91764  
T 909 989 9979 / www.hmcarchitects.com

**KEYNOTES**  
**CONSTRUCTION NOTES**

- 1 PAINT TYPE I ARROW PER CALTRANS STD. A24A
- 2 PAINT TYPE IV (L) ARROW PER CALTRANS STD. A24A
- 3 PAINT TYPE VII (R) ARROW PER CALTRANS STD. A24A
- 4 PAINT YIELD MARKING PER CALTRANS STD. A24D
- 5 PAINT "LADDER CROSSWALK MARKINGS" PER CALTRANS STD. A24F
- 6 INSTALL W4-2L LANE ENDS SIGN PER 2004 MUTCD SHS
- 7 INSTALL R1-2 YIELD SIGN PER 2004 MUTCD SHS
- 8 INSTALL R3-7L MANDATORY MOVEMENT SIGN PER 2004 MUTCD SHS
- 9 INSTALL R2-1 SPEED LIMIT SIGN PER 2004 MUTCD SHS
- 10 INSTALL R6-5P ROUNDABOUT SIGN PER 2012 MUTCD SUPPLEMENT
- 11 INSTALL D-3 STREET NAME SIGN PER 2004 MUTCD SHS
- 12 INSTALL R6-4 2 CHEVRON SIGN PER 2012 MUTCD SUPPLEMENT
- 13 INSTALL SIGN PER THESE PLANS
- 14 INSTALL SIGN PER THESE PLANS
- 15 INSTALL SIGN PER THESE PLANS
- 16 PAINT "CHANNELIZING LINE" SINGLE WHITE LINE PER CALTRANS STD. A20D, DETAIL 38
- 17 PAINT "LANELINE" PER CALTRANS STD. A20A, DETAIL 8
- 18 INSTALL W11-2 & W16-7PL SIGN PER 2004 MUTCD SHS & THESE PLANS
- 19 INSTALL W-11-2 & W16-9P SIGNS PER 2004 MUTCD & THESE PLANS
- 20 INSTALL R1-1 STOP SIGN PER 2004 MUTCD SHS
- 21 PAINT STOP MARKING PER CALTRANS STD A24D
- 22 SEE ARCHITECT'S PLAN

**NOTES**

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3. WDDID # 9 37C380545

Consultant  
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F. 760.741.1786  
www.masson-assoc.com

**MASSON & ASSOCIATES, INC.**

Key Plan

Consultant Seal

Agency Approval  
DIV. OF THE STATE ARCHITECT  
APPL. 04-116580  
ACS \_\_\_\_\_ FLS \_\_\_\_\_ SSS \_\_\_\_\_  
DATE \_\_\_\_\_

Project Title  
**Palomar College**  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:  
**SIGNAGE AND STRIPING PLAN**

Architect's Seal

Designed: RD / DAM  
Drawn: DAM  
QA/QC: RD  
Date: 10/06/2017

Project No. 5015019-102  
MAIL PN: 16249  
Scale: AS NOTED  
Drawing No.  
**C5.1**

**1 TYPE I ARROW MARKING PER A24A**  
N.T.S.

**2 TYPE IV ARROW MARKING PER A24A**  
N.T.S.

**3 TYPE VII ARROW MARKING PER A24A**  
N.T.S.

**4 YIELD MARKING PER A24D**  
N.T.S.

**5 LADDER CROSSWALK MARKING PER A24F**  
N.T.S.

**6 LANE ENDS SIGN PER W4-2L**  
N.T.S.

**7 YIELD SIGN PER R1-2**  
N.T.S.

**8 MANDATORY MOVEMENT SIGN PER R3-7L**  
N.T.S.

**9 SPEED LIMIT SIGN PER R2-1**  
N.T.S.

**10 ROUNDABOUT SIGN PER R6-5P**  
N.T.S.

**11 STREET NAME SIGN PER D-3**  
N.T.S.

**13 ENTRY PARKING KIOSK DETAIL (R)**  
N.T.S.

SCALE IN FEET  
GRAPHIC SCALE  
1"=20'

DATE: Oct 18, 2017 @ 2:32pm by:jjrac FILE:I:\16\16249\PROD\Construct\PFPG-INTRIM-VILLAGE\16249-PFPG-IV-STRIP-CS.1-5.5.dwg

PLEASE RECYCLE

DSA SUBMITTAL



- ## NOTES

1. CONTOURS AND ELEVATIONS SHOWN IN FUTURE ROADS ARE TO FINISHED GRADE.  
SUB-GRADE PER SOILS REPORT AND STREET SECTION ON PAGE 1.
2. BENCHMARK USED IS SDGPS 3 FROM COUNTY OF SAN DIEGO CONTROL DATA  
SHEET ELV. = 306.01 NAV29
3. WDD # 9 37C380545.

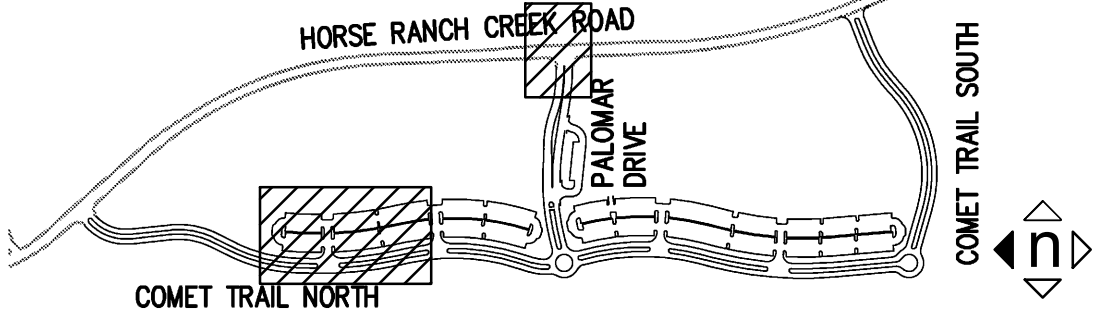
Consultant

consultant

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F. 760.741.1786  
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### Key Plan



Consultant Seal



Agency Approval

<p align="center"><b>IDENTIFICATION STAMP</b>  <b>DIV. OF THE STATE ARCHITECT</b></p>	
<p align="center">APPL. 04-116580</p>	
ACS _____	FLS _____ SSS _____
DATE _____	

Project Title

North Education Center

 **PALOMAR COLLEGE**  
Learning for Success

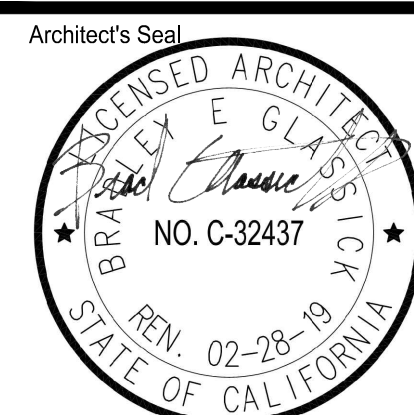
**Palomar College**

35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
	DSA SUBMITAL - PHASE II	10/06/2017

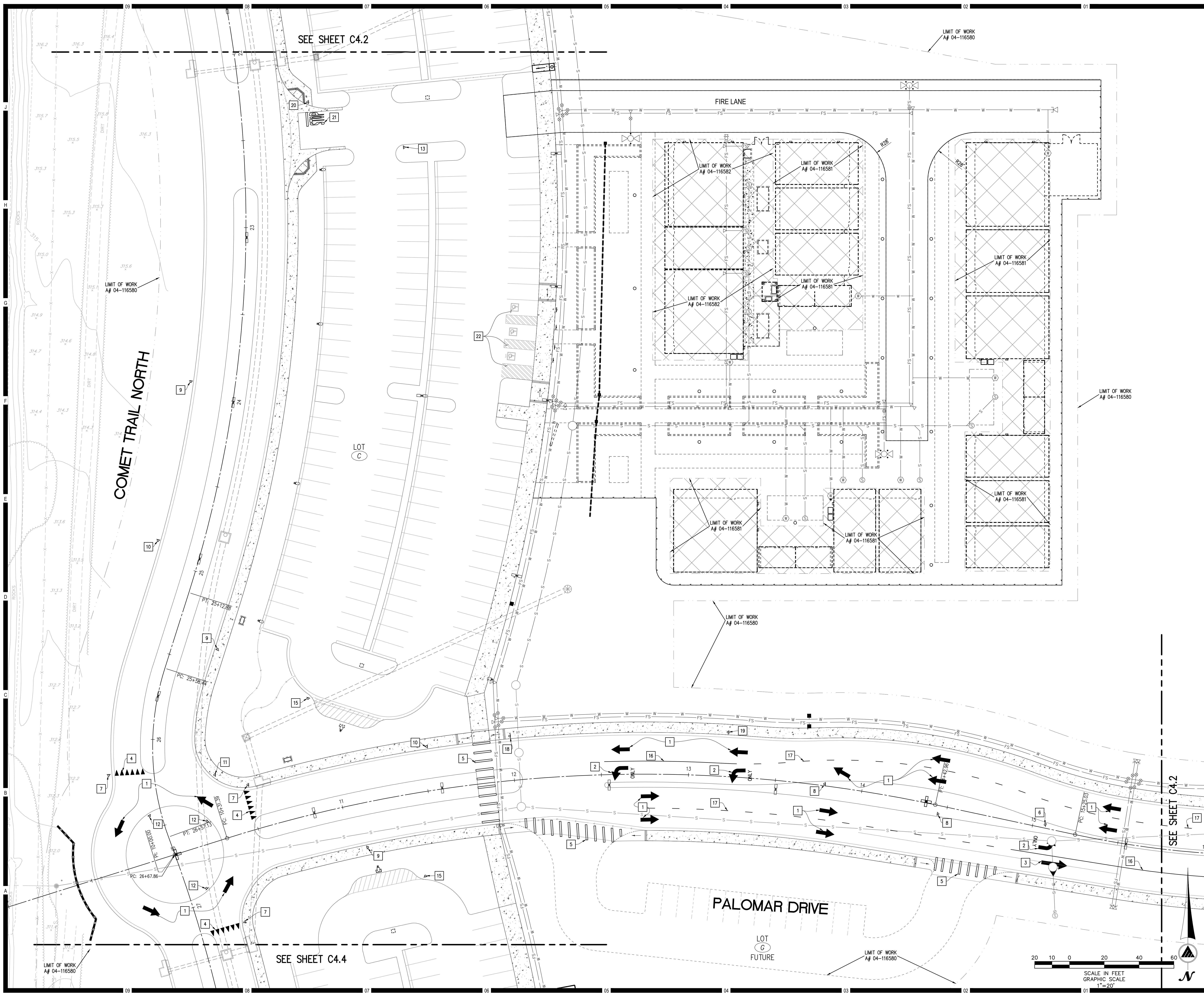
Drawing Title:

## SIGNAGE AND STRIPING PLAN



Designed: RD / DAM	Project No. 5015019-102 MAI PN: 16249
Drawn: DAM	Scale: AS NOTED
QA/QC RD	Drawing No. <b>C5.2</b>
Date: 10/06/2017	





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## KEYNOTES

### CONSTRUCTION NOTES

- 1 PAINT TYPE I ARROW PER CALTRANS STD. A24A
- 2 PAINT TYPE IV (L) ARROW PER CALTRANS STD. A24A
- 3 PAINT TYPE VII (R) ARROW PER CALTRANS STD. A24A
- 4 PAINT YIELD MARKING PER CALTRANS STD. A24D
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- 11 INSTALL D-3 STREET NAME SIGN PER 2004 MUTCD SHS
- 12 INSTALL R6-4 2 CHEVRON SIGN PER 2012 MUTCD SUPPLEMENT
- 13 INSTALL SIGN PER THESE PLANS
- 14 INSTALL SIGN PER THESE PLANS
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- 17 PAINT "LANELINE" PER CALTRANS STD. A20A, DETAIL 8
- 18 INSTALL W11-2 & W16-7PL SIGN PER 2004 MUTCD SHS & THESE PLANS
- 19 INSTALL W-11-2 & W16-9P SIGNS PER 2004 MUTCD & THESE PLANS
- 20 INSTALL R1-1 STOP SIGN PER 2004 MUTCD SHS
- 21 PAINT STOP MARKING PER CALTRANS STD A24D
- 22 SEE ARCHITECT'S PLAN

## NOTES

1. CONTOURS AND ELEVATIONS SHOWN IN FUTURE ROADS ARE TO FINISHED GRADE. SUB-GRADE PER SOILS REPORT AND STREET SECTION ON PAGE 1.
2. BENCHMARK USED IS SDGPS 3 FROM COUNTY OF SAN DIEGO CONTROL DATA SHEET ELEV.=306.01 NAV29
3. WDD # 9 37C380545

Consultant

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Solved.

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Key Plan

Consultant Seal

Agency Approval

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DIV. OF THE STATE ARCHITECT

APPL. 04-116580

ACS \_\_\_\_\_ FLS \_\_\_\_\_ SSS \_\_\_\_\_  
DATE \_\_\_\_\_

Project Title

North Education Center  
**Palomar College**  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITAL - PHASE II	10/06/2017

Drawing Title:

**SIGNAGE AND STRIPING PLAN**

Architect's Seal

Designed: RD / DAM

Drawn: DAM

QA/QC: RD

Date: 10/06/2017

Project No. 5015019-102

MAI PN: 16249

Scale: AS NOTED

Drawing No. **C5.3**

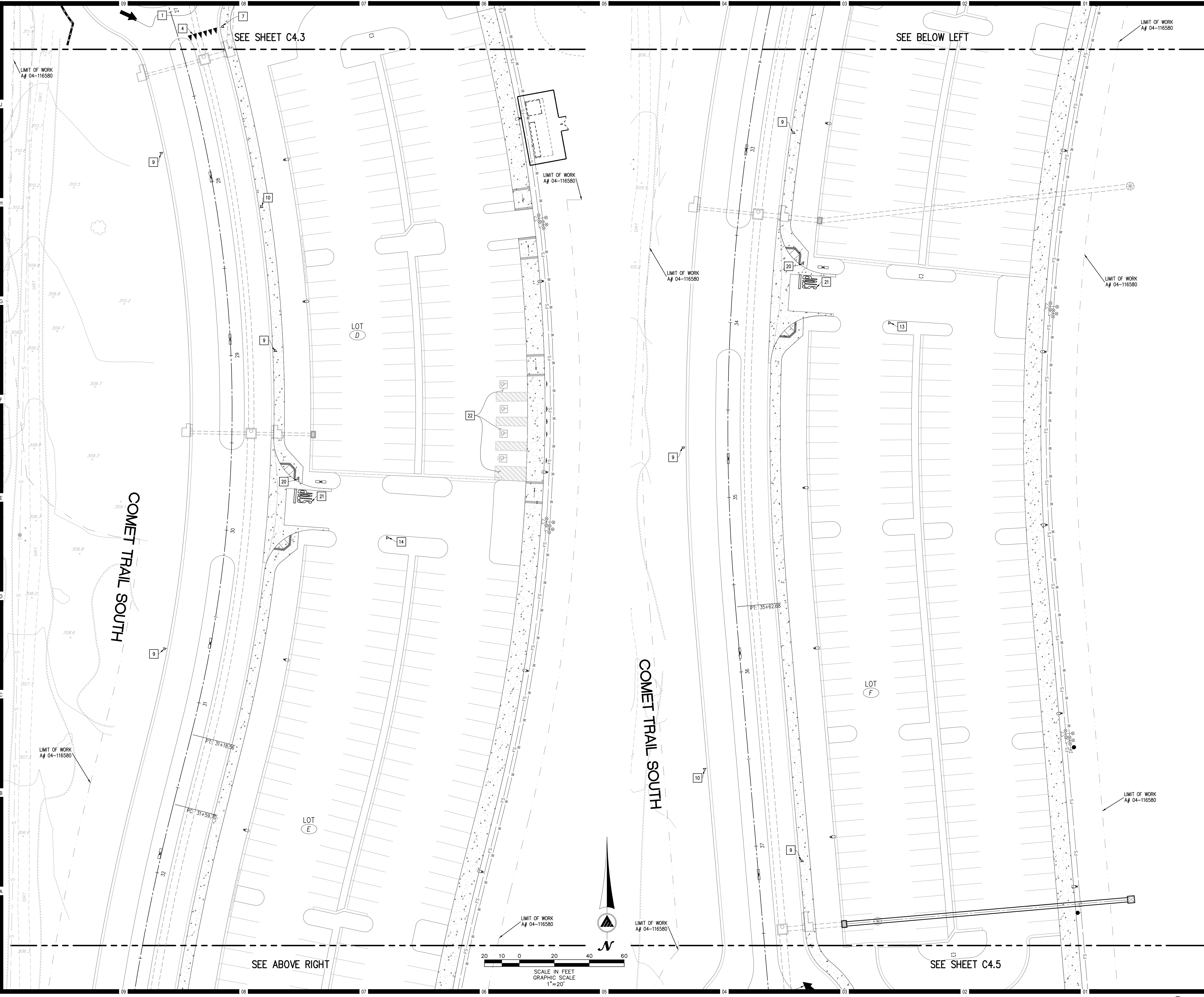
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DATE: Oct 18, 2017 @ 2:33pm by: jfjac FILE: I:\16\16249\PROD\Construct\PFGP-INTRIM-VILLAGE\16249-PFGP-IV-STRIP-CS.1-5.5.dwg

PLEASE RECYCLE

DSA SUBMITAL





**KEYNOTES**  
**CONSTRUCTION NOTES**

- 1 PAINT TYPE I ARROW PER CALTRANS STD. A24A
- 2 PAINT TYPE IV (L) ARROW PER CALTRANS STD. A24A
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- 20 INSTALL R1-1 STOP SIGN PER 2004 MUTCD SHS
- 21 PAINT STOP MARKING PER CALTRANS STD A24D
- 22 SEE ARCHITECT'S PLAN

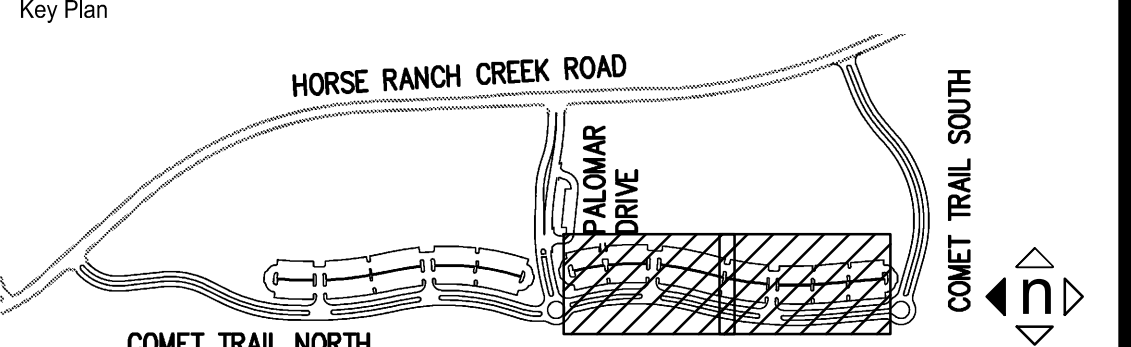
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  3. WDD # 9 37C380545

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Consultant Seal

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FILE NO.

NO. C081699  
Exp. 03/31/18  
CIVIL  
STATE OF CALIFORNIA

APPL. 04-116580

ACS FLS SSS

DATE

Project Title

North Education Center

**PALOMAR COLLEGE**

35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITAL - PHASE II	10/06/2017

Drawing Title:

**SIGNAGE AND STRIPING PLAN**

Architect's Seal

DESIGNED ARCHITECT  
NO. C-32437  
STATE OF CALIFORNIA

Designed:  
RD / DAM

Drawn:  
DAM

QA/QC  
RD

Date:  
10/06/2017

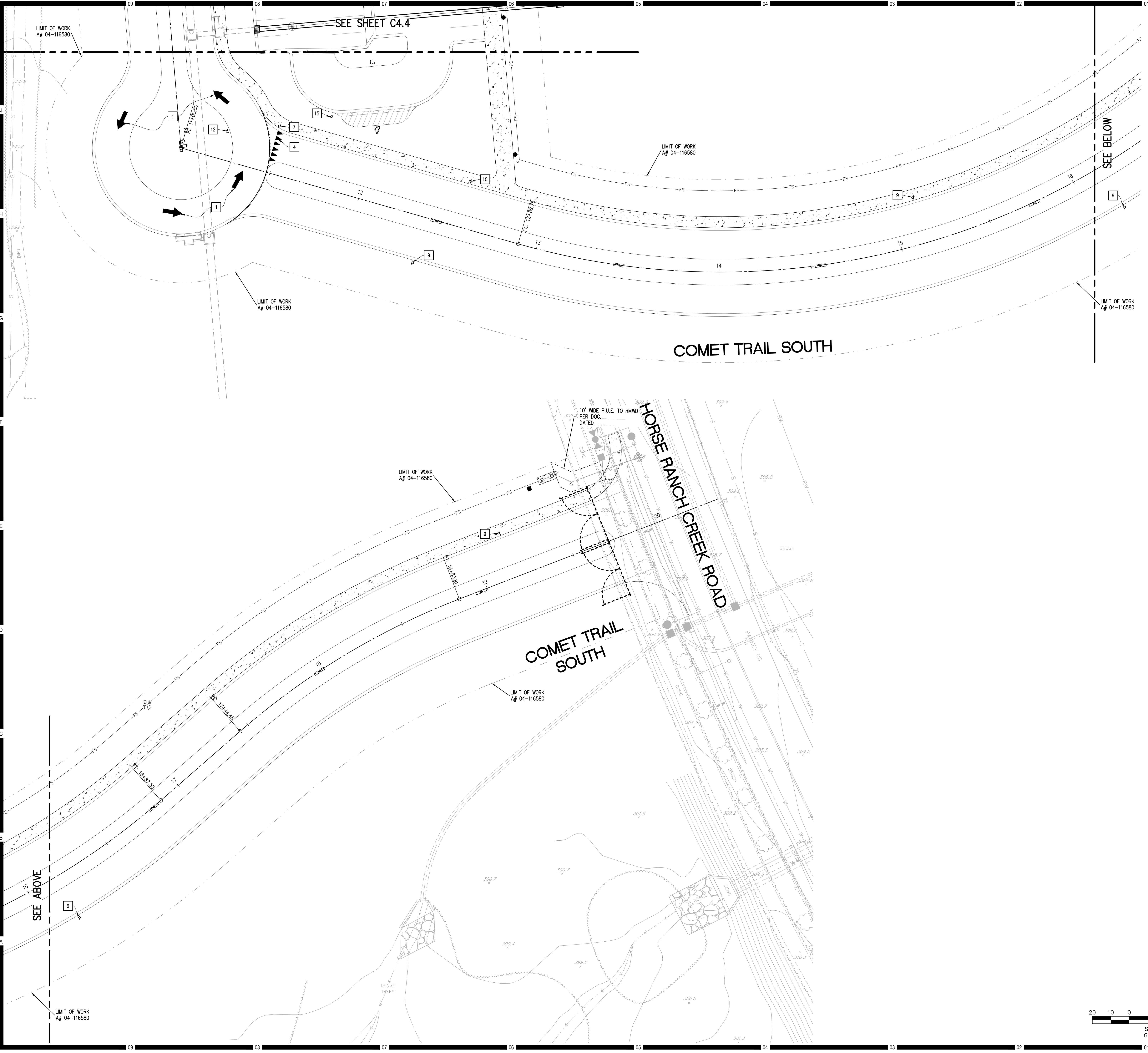
Project No.  
5015019-102

MAI PN: 16249

Scale:  
AS NOTED

Drawing No.  
**C5.4**





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KEYNOTES

CONSTRUCTION NOTES

- 1 PAINT TYPE I ARROW PER CALTRANS STD. A24A
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- 21 PAINT STOP MARKING PER CALTRANS STD A24D
- 22 SEE ARCHITECT'S PLAN

NOTES

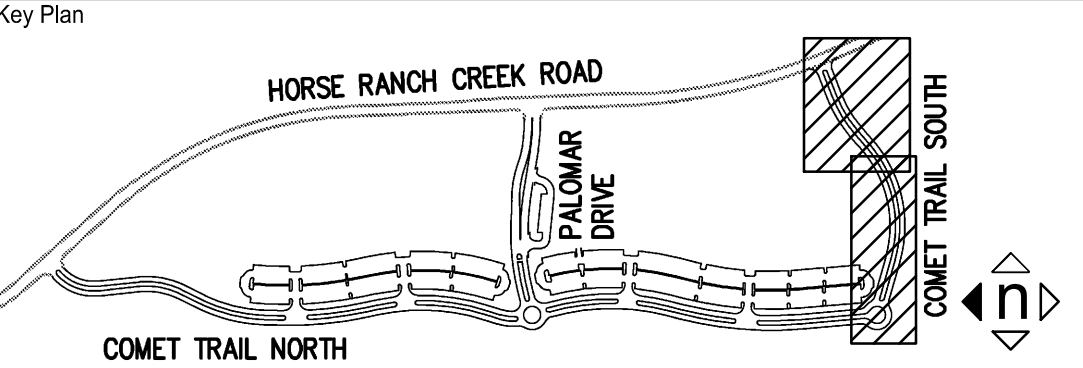
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2. BENCHMARK USED IS SDGPS 3 FROM COUNTY OF SAN DIEGO CONTROL DATA SHEET ELV.=306.01 NAV29
3. WDD # 9 37C380545

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DIV. OF THE STATE ARCHITECT

APPL. 04-116580

ACS FLS SSS

DATE

Project Title

North Education Center

**Palomar College**  
Learning for Success

35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITAL - PHASE II	10/06/2017

Drawing Title:

Architect's Seal

DESIGNED ARCHITECT

NO. C-32437

DATE 02-28-19

STATE OF CALIFORNIA

Designed: RD / DAM

Drawn: DAM

QA/QC: RD

Date: 10/06/2017

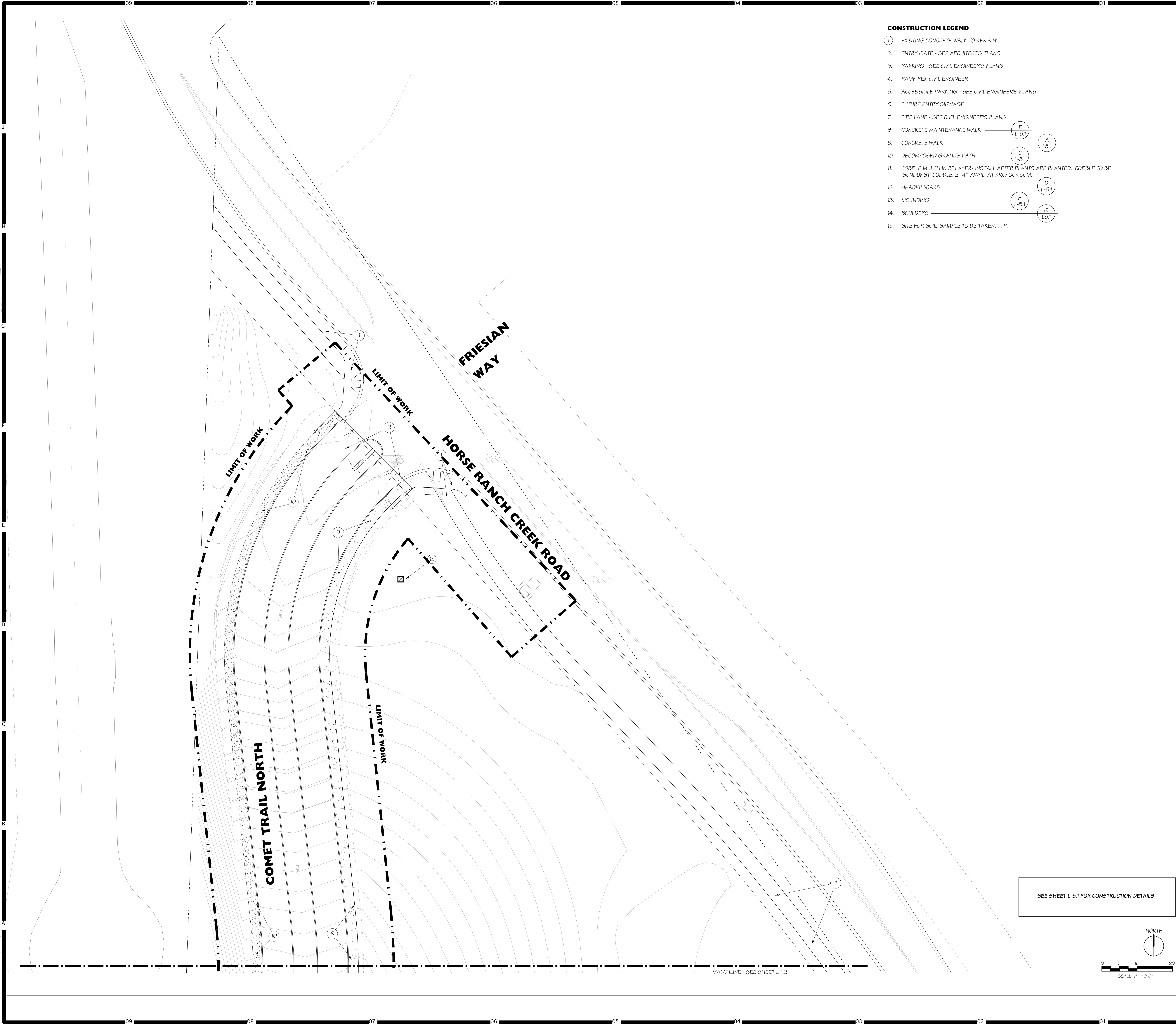
Project No. 5015019-102

MAI PN: 16249

Scale: AS NOTED

Drawing No. C5.5





- CONSTRUCTION LEGEND**
- 1. EXISTING CONCRETE WALK TO REMAIN
  - 2. ENTRY GATE - SEE ARCHITECT'S PLANS
  - 3. PARKING - SEE CIVIL ENGINEER'S PLANS
  - 4. RAMP PER CIVIL ENGINEER
  - 5. ACCESSIBLE PARKING - SEE CIVIL ENGINEER'S PLANS
  - 6. FUTURE ENTRY SIGNAGE
  - 7. FIRE LANE - SEE CIVIL ENGINEER'S PLANS
  - 8. CONCRETE MAINTENANCE WALK
  - 9. CONCRETE WALK
  - 10. DECOMPOSED GRANITE PATH
  - 11. COBBLE MULCH IN 3" LAYER- INSTALL AFTER PLANTS ARE PLANTED. COBBLE TO BE 'SUNBURST' COBBLE, 2"-4", AVAIL. AT KRCROCK.COM.
  - 12. HEADERBOARD
  - 13. MOUNDING
  - 14. BOULDERS
  - 15. SITE FOR SOIL SAMPLE TO BE TAKEN, TYP.

# HMC Architects

3546 Concours Street / Ontario, CA 91764  
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Key Map

Consultant Seal

Consultant

**Doreen Powell Atelier Inc.**

TEL: 918.245.9002 FAX: 918.245.9008  
WWW.DPA.COM SRA REG. CL. 93104

Agency Approval

FILE NO. 37-C1

IDENTIFICATION STAMP

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APPL. 04-116580

ACS. \_\_\_\_\_ FLS. \_\_\_\_\_ SSS. \_\_\_\_\_

DATE \_\_\_\_\_

Project Title

Palomar North Education Center

**Palomar College**

35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:

**LANDSCAPE CONSTRUCTION PLAN**

Architect's Seal

Designed: **KEE**

Drawn: **KEE**

QA/QC: \_\_\_\_\_

Date: 10/06/2017

Project No. 5015019-102

Scale: 1"=20'-0"

Drawing No. **L-1.1**

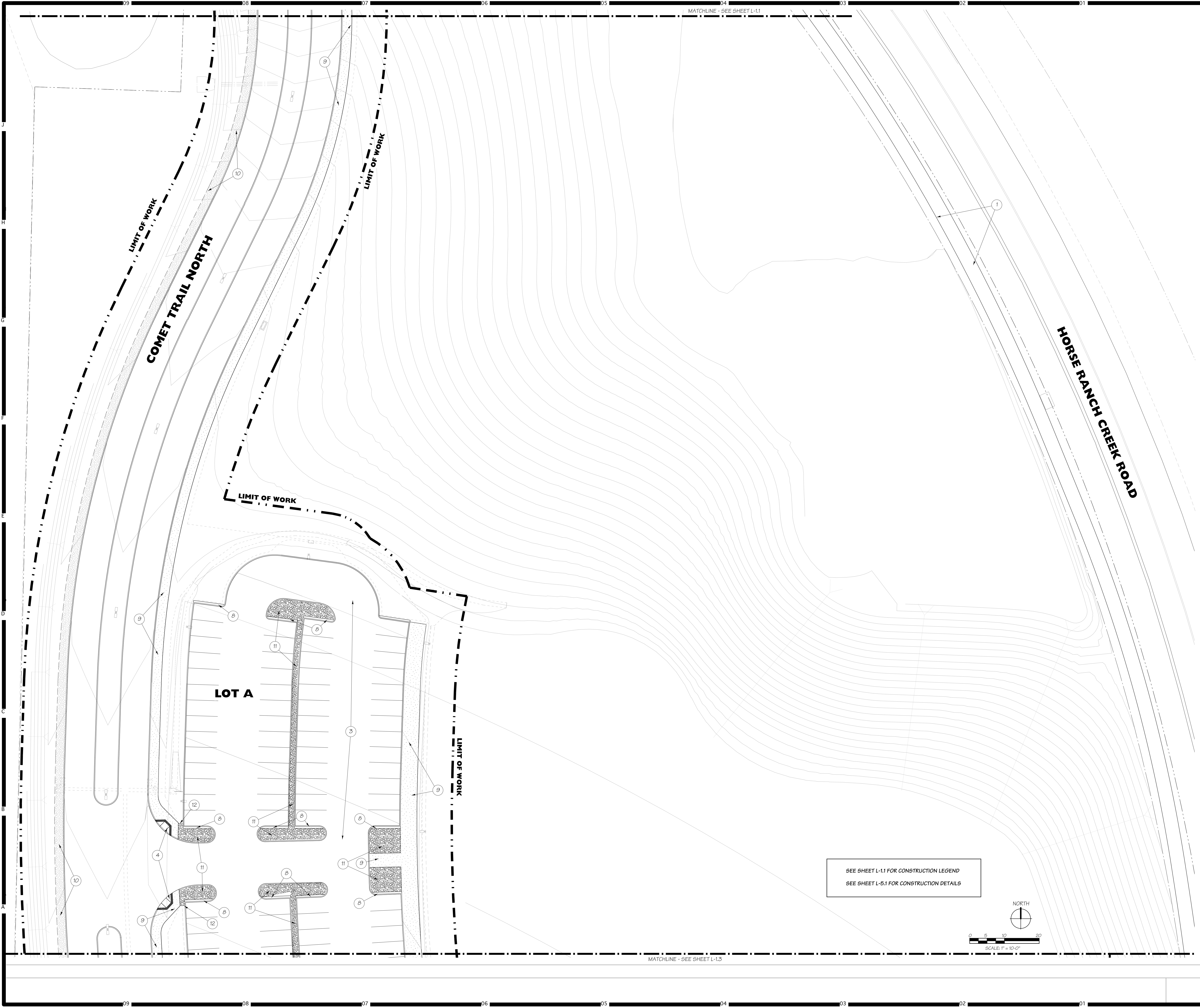
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SEE SHEET L-5.1 FOR CONSTRUCTION DETAILS

MATCHLINE - SEE SHEET L-12





# HMC Architects

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Key Map

Consultant Seal

Consultant

**Doreen Powell Atelier Inc.**  
TEL: 415.241.9802 FAX: 415.241.9828  
WWW: dpa.com SAN DIEGO, CA 92104

Agency Approval

FILE NO. 37-C1

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT

APPL. 04-116580

ACS \_\_\_\_\_ FLS \_\_\_\_\_ SSS \_\_\_\_\_  
DATE \_\_\_\_\_

Project Title

Palomar North Education Center - Interim Village

**PALOMAR COLLEGE**  
Learning for Success

**Palomar College**  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:

**LANDSCAPE CONSTRUCTION PLAN**

Architect's Seal

Designed: **KEE**

Drawn: **KEE**

QA/QC: \_\_\_\_\_

Date: 10/06/2017

Project No. 5015019-102

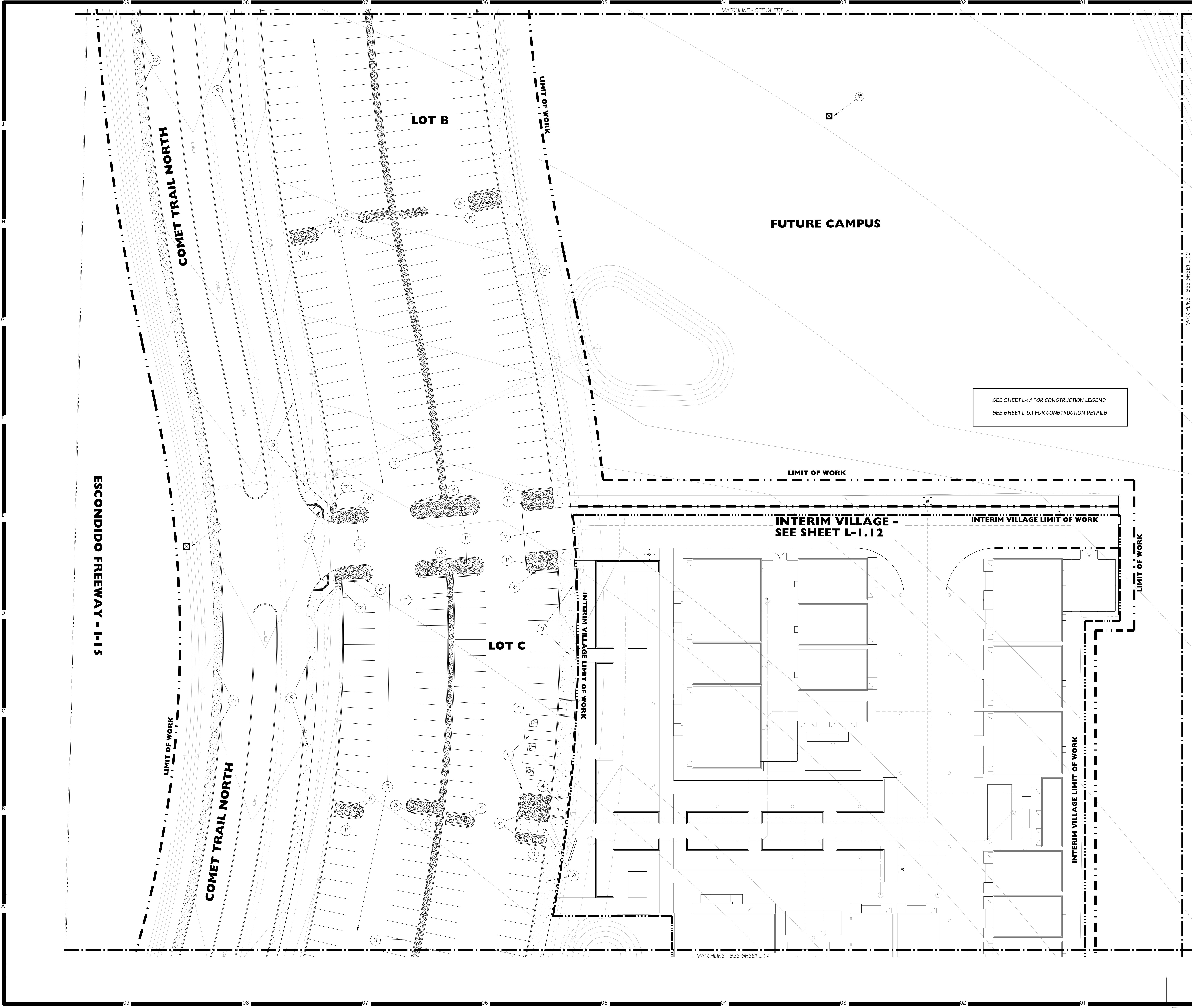
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Drawing No. **L-1.2**

PLEASE RECYCLE

DSA SUBMITTAL





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Key Map

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Consultant

**Deneen Powell Atelier Inc.**

TEL: 913.241.9002 FAX: 913.241.9008 www.dpa.com

2305 E. OLIVER BLVD. SAN ANTONIO, TX 78204

Agency Approval

FILE NO. 37-C1

IDENTIFICATION STAMP

DIV. OF THE STATE ARCHITECT

APPL. 04-116580

ACS. FLS. SSS.

DATE

Project Title

Palomar North Education Center - Interim Village

**Palomar College**

35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:

**LANDSCAPE CONSTRUCTION PLAN**

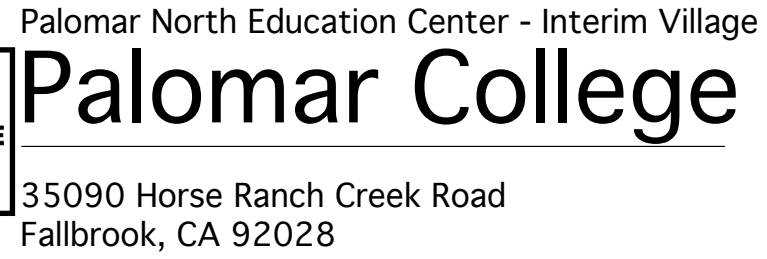
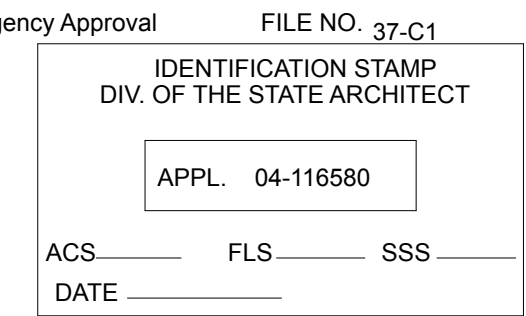
Architect's Seal

Designed:	KEE	Project No.	5015019-102
Drawn:	KEE	Scale:	1"=20'-0"
QA/QC:		Drawing No.	<b>L-1.3</b>
Date:	10/06/2017		

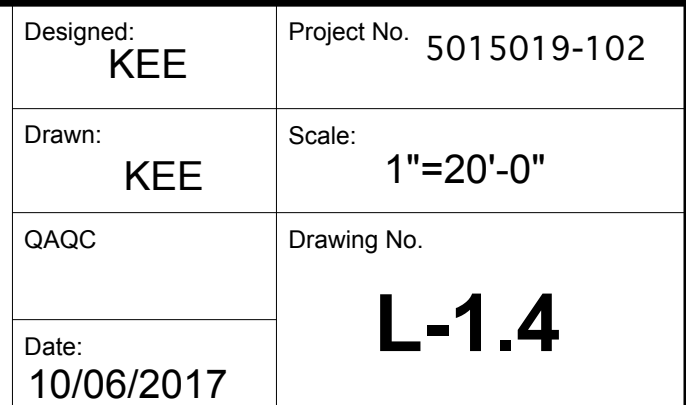
PLEASE RECYCLE

DSA SUBMITTAL

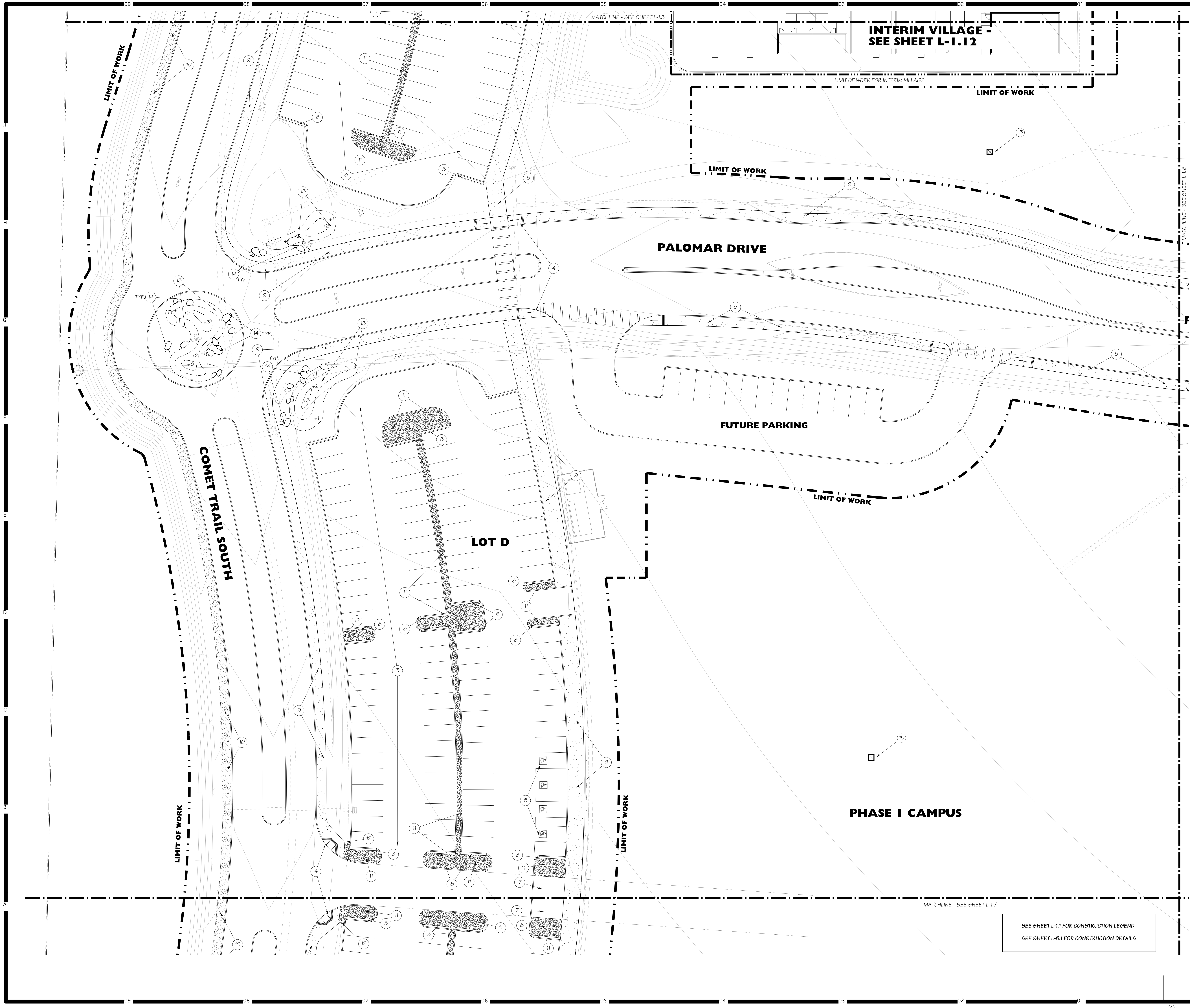


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Drawing Title:  
A LANDSCAPE CONSTRUCTION PLAN







# HMC Architects

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T 909 989 9973 / www.hmcarchitects.com

Key Map

Consultant Seal

Consultant

**David Powell Atelier, Inc.**

TEL: (924) 982-3305 | 11 CROWN RD. | DANA POINT, CA 92624  
WWW.DPADESIGNS.COM

Agency Approval

FILE NO. 37-C1

IDENTIFICATION STAMP

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APPL. 04-116580

ACS \_\_\_\_\_ FLS \_\_\_\_\_ SSS \_\_\_\_\_

DATE \_\_\_\_\_

Project Title

Palomar North Education Center - Interim Village

**Palomar College**

35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:

**LANDSCAPE CONSTRUCTION PLAN**

Architect's Seal

Designed: **KEE**

Drawn: **KEE**

QA/QC: \_\_\_\_\_

Date: 10/06/2017

Project No. 5015019-102

Scale: 1"=20'-0"

Drawing No. **L-1.5**

SEE SHEET L-1.1 FOR CONSTRUCTION LEGEND

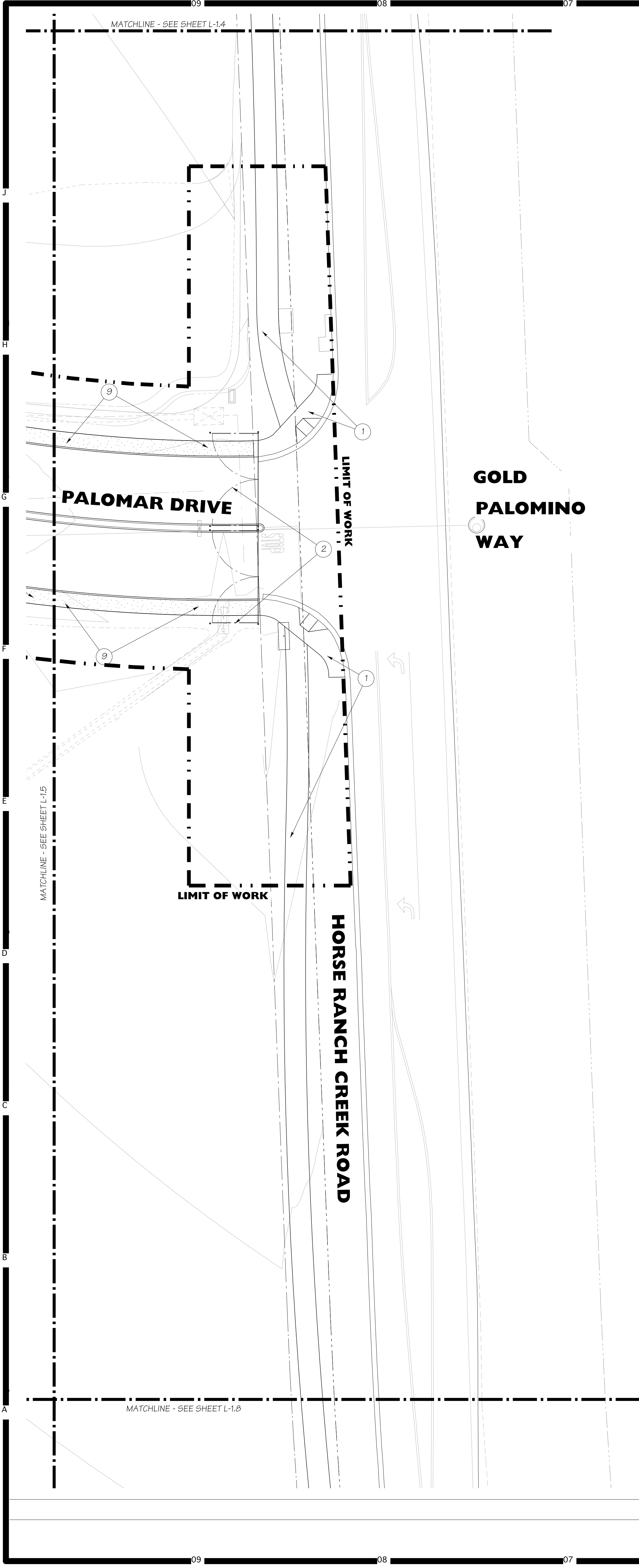
SEE SHEET L-5.1 FOR CONSTRUCTION DETAILS

PLEASE RECYCLE

DSA SUBMITTAL

17-001

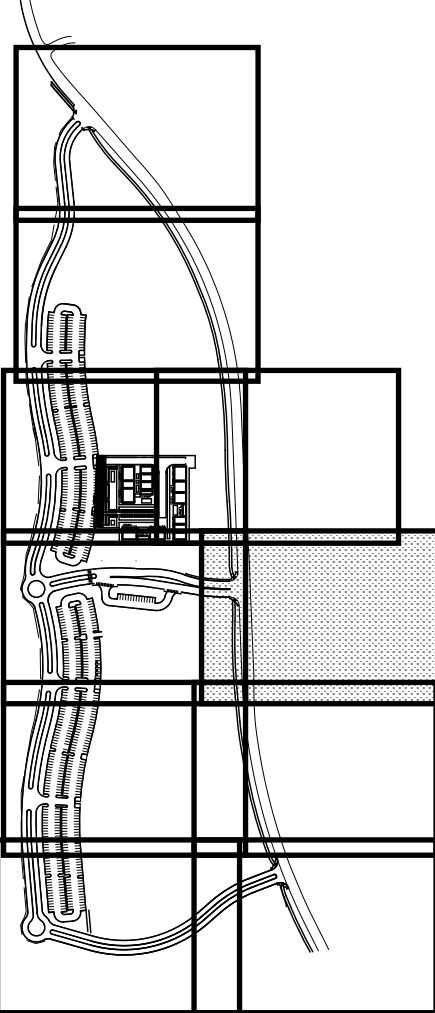




HMC Architects

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Key Map



Agency Approval FILE NO. 37-C1  
IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APPL. 04-116580  
ACS \_\_\_\_\_ FLS \_\_\_\_\_ SSS \_\_\_\_\_  
DATE \_\_\_\_\_

Project Title Palomar North Education Center - Interim Village  
**Palomar College**  
Learning for Success  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

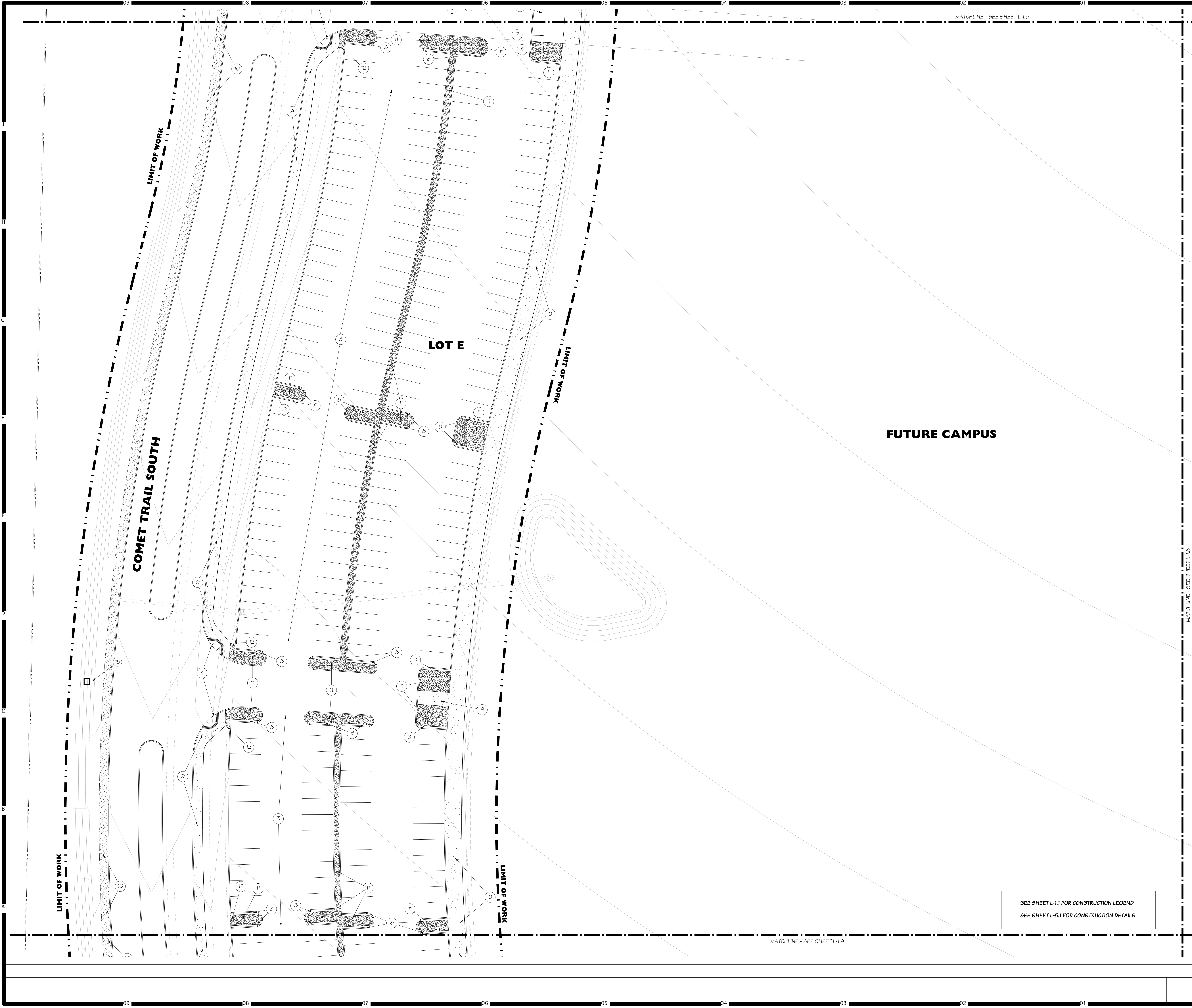
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Architect's Seal 	Designed: KEE	Project No. 5015019-102
	Drawn: KEE	Scale: 1"=20'-0"
	QA/QC:	Drawing No. L-1.6
	Date: 10/06/2017	

SEE SHEET L-1.1 FOR CONSTRUCTION LEGEND  
SEE SHEET L-5.1 FOR CONSTRUCTION DETAILS







# HMC Architects

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Key Map

Consultant Seal

Consultant

**Doreen Powell Atelier Inc.**  
P.O. Box 216, 2002  
www.dpa.com  
SAN DIEGO, CA 92104

Agency Approval

FILE NO. 37-C1

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DIV. OF THE STATE ARCHITECT

APPL. 04-116580

ACS. \_\_\_\_\_ FLS. \_\_\_\_\_ SSS. \_\_\_\_\_  
DATE \_\_\_\_\_

Project Title

Palomar North Education Center - Interim Village

**PALOMAR COLLEGE**  
Learning for Success

**Palomar College**  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:

**LANDSCAPE CONSTRUCTION PLAN**

Architect's Seal

Designed: **KEE**

Project No. 5015019-102

Drawn: **KEE**

Scale: 1"=20'-0"

QA/QC

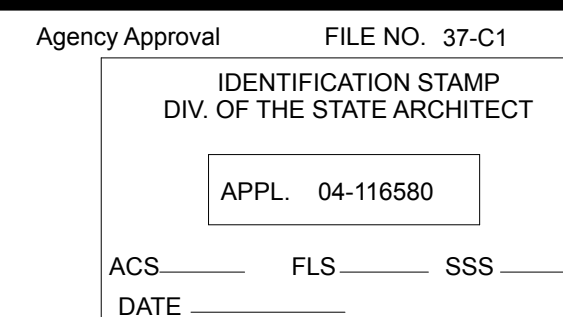
Drawing No. **L-1.7**

Date: 10/06/2017


PLEASE RECYCLE

DSA SUBMITTAL





Project Title Palomar North Education Center - Interim Village

 **Palomar College**

35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No	Description	Date
	DSA SUBMITTAL - PHASE II	10/06/201

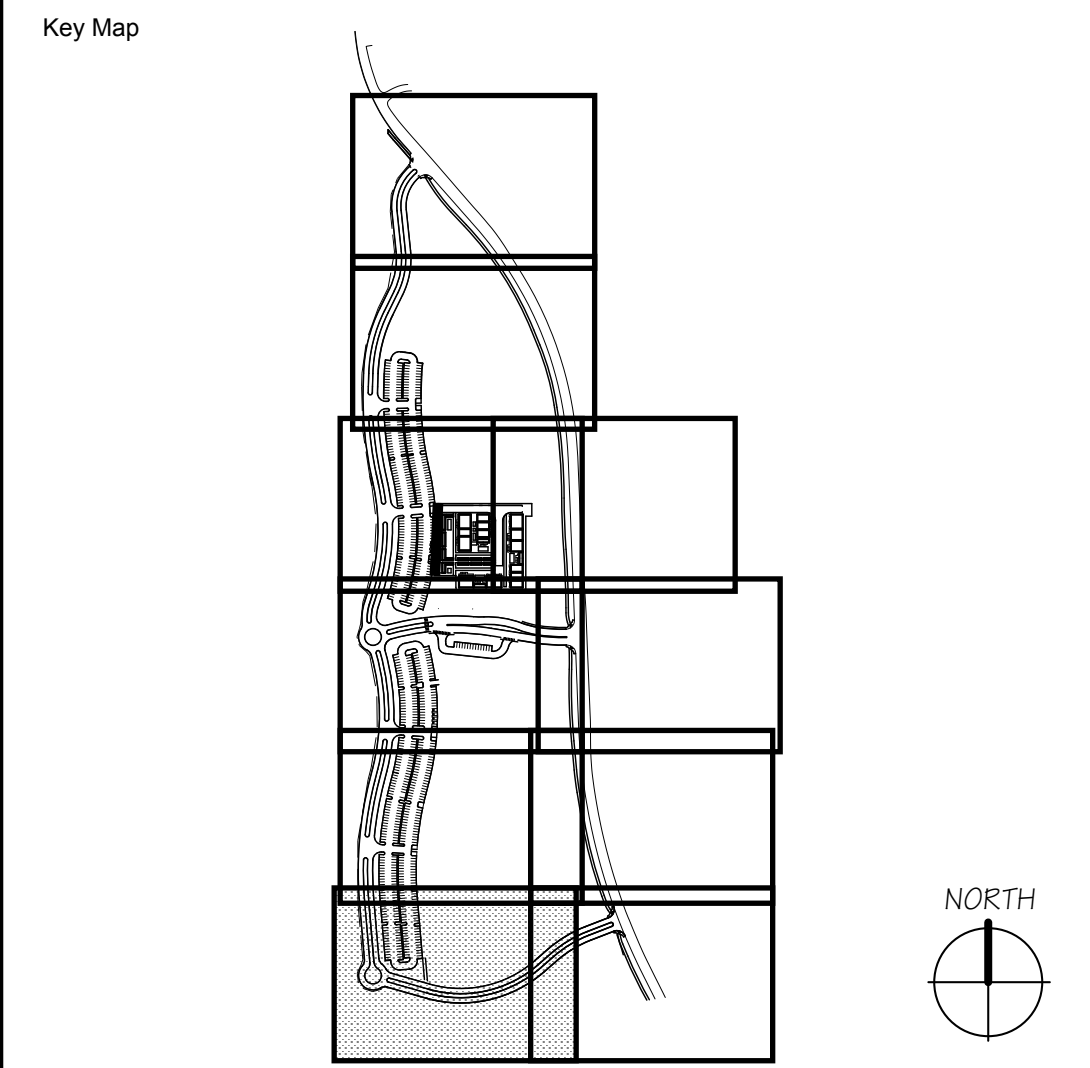
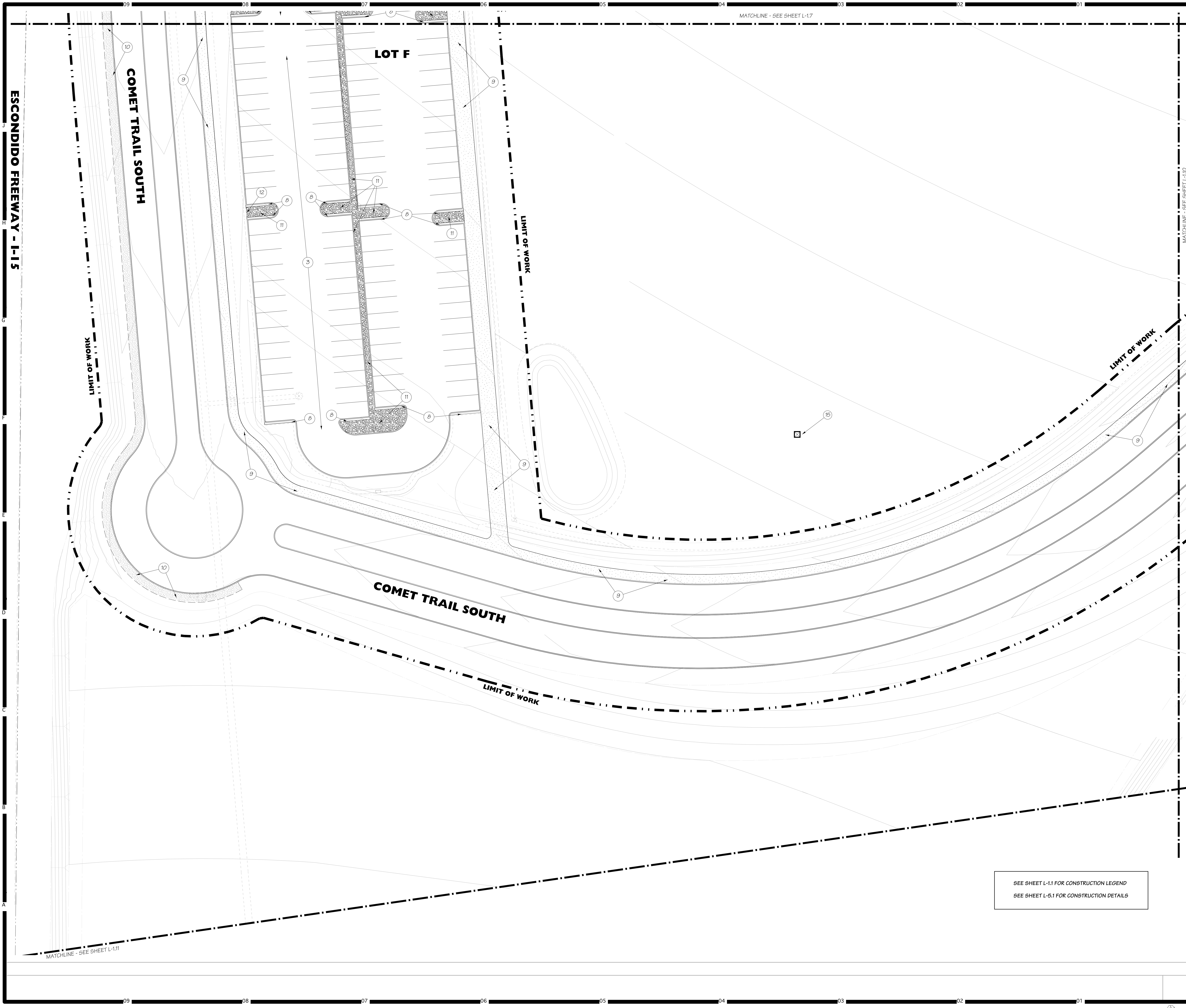
Drawing Title:

LANDSCAPE CONSTRUCTION PLAN



Designed: <b>KEE</b>	Project No. 5015019-102
Drawn: <b>KEE</b>	Scale: 1"=20'-0"
QA/QC	Drawing No. <b>L-1.8</b>
Date: 10/06/2017	





Consultant Seal

Consultant

**Denson Powell Atelier, Inc.**

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Agency Approval FILE NO. 37-C1

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT

APPL. 04-116580

ACS FLS SSS  
DATE

Project Title

**Palomar College**  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:  
**LANDSCAPE CONSTRUCTION PLAN**

Architect's Seal

Designed: **KEE**

Drawn: **KEE**

QA/QC

Date: 10/06/2017

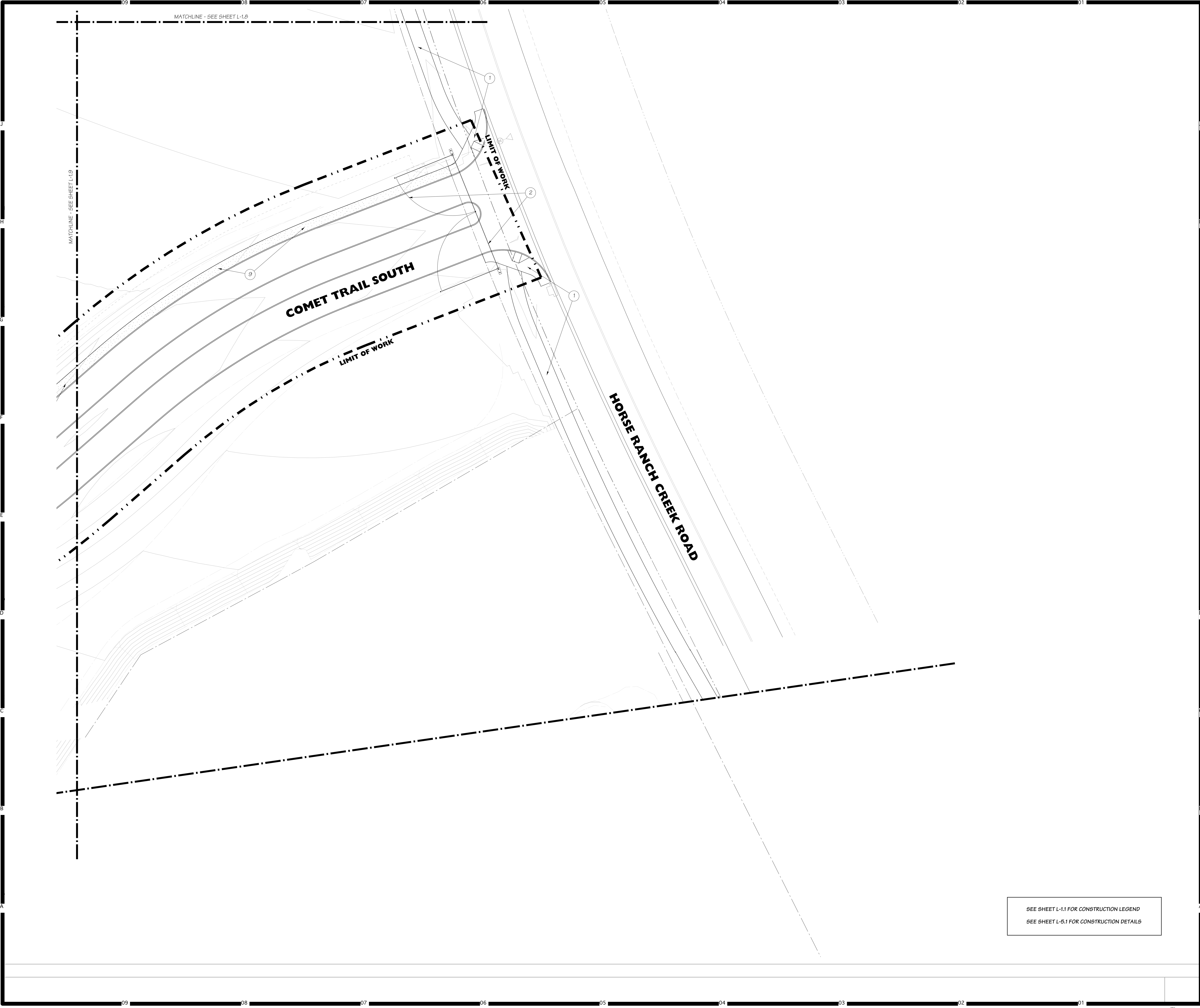
Project No. 5015019-102

Scale: 1"=20'-0"

Drawing No. **L-1.9**

SEE SHEET L-1.1 FOR CONSTRUCTION LEGEND  
SEE SHEET L-5.1 FOR CONSTRUCTION DETAILS





SEE SHEET L-1.1 FOR CONSTRUCTION LEGEND  
SEE SHEET L-5.1 FOR CONSTRUCTION DETAILS

# HMC Architects

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Key Map

Consultant Seal

Consultant

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Agency Approval

FILE NO. 37-C1

IDENTIFICATION STAMP

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APPL. 04-116580

ACS. FLS. SSS.

DATE

Project Title

Palomar North Education Center - Interim Village

**Palomar College**

35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:

**LANDSCAPE CONSTRUCTION PLAN**

Architect's Seal

Designed: **KEE**

Drawn: **KEE**

QAQC:

Date: 10/06/2017

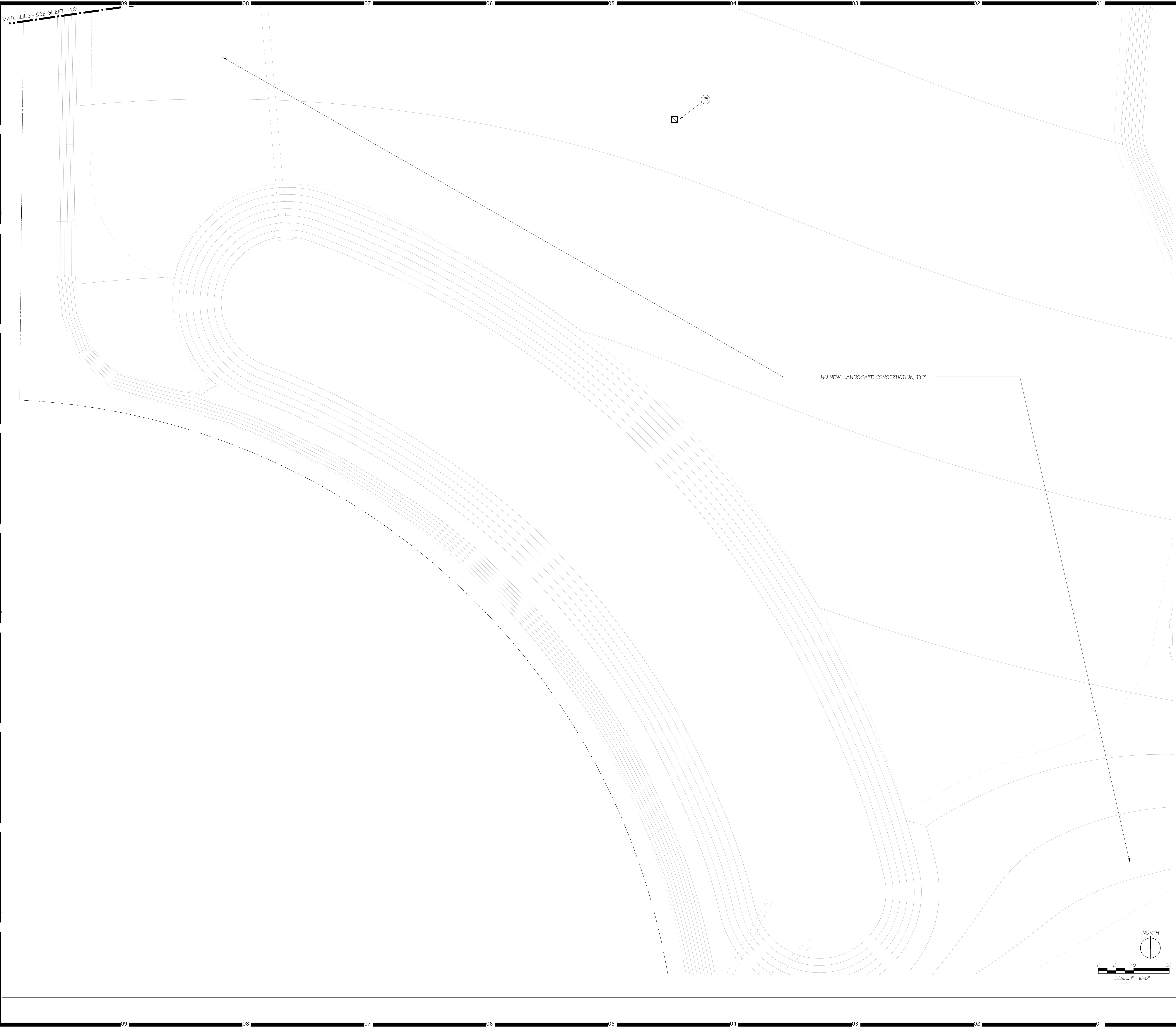
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Drawing No. **L-1.10**



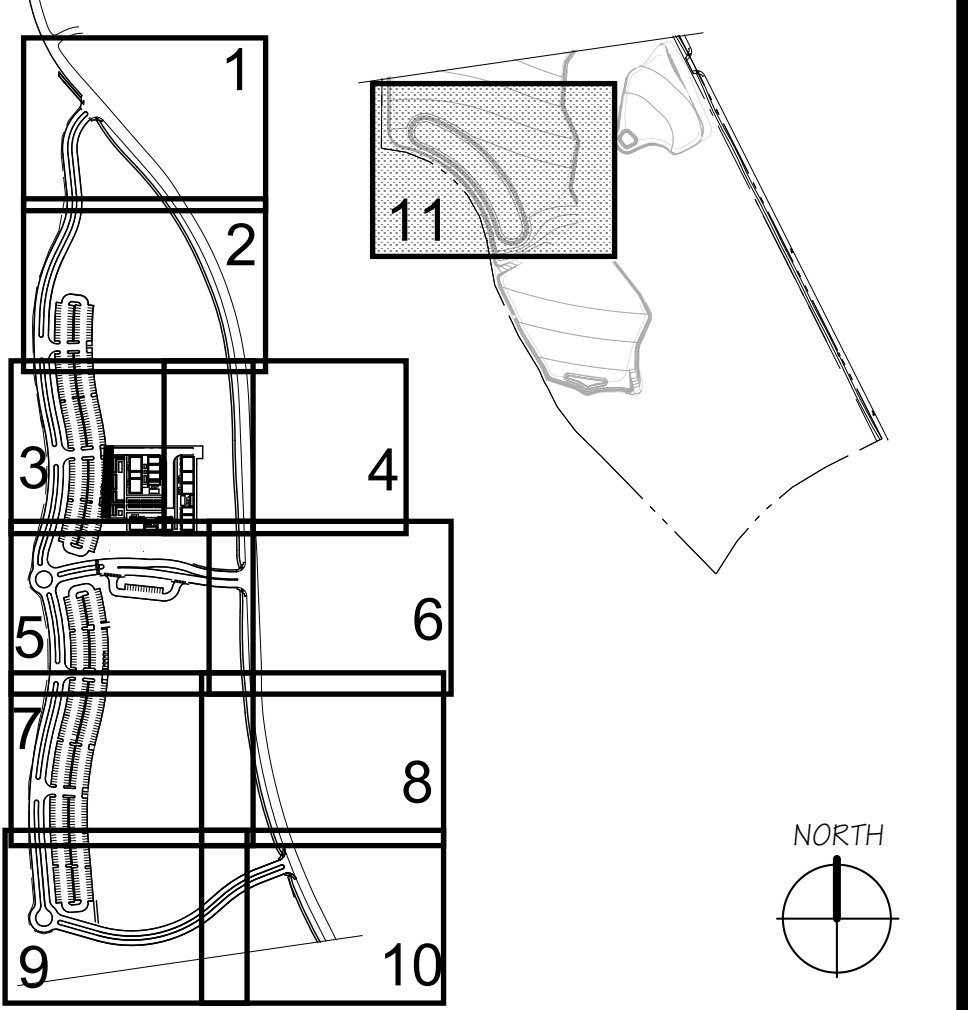
MATCHLINE - SEE SHEET L-1.9



**HMC**Architects

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Key Map



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Agency Approval FILE NO. 37-C1  
IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APPL. 04-116580  
ACS FLS SSS  
DATE

Project Title  
**Palomar College**  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

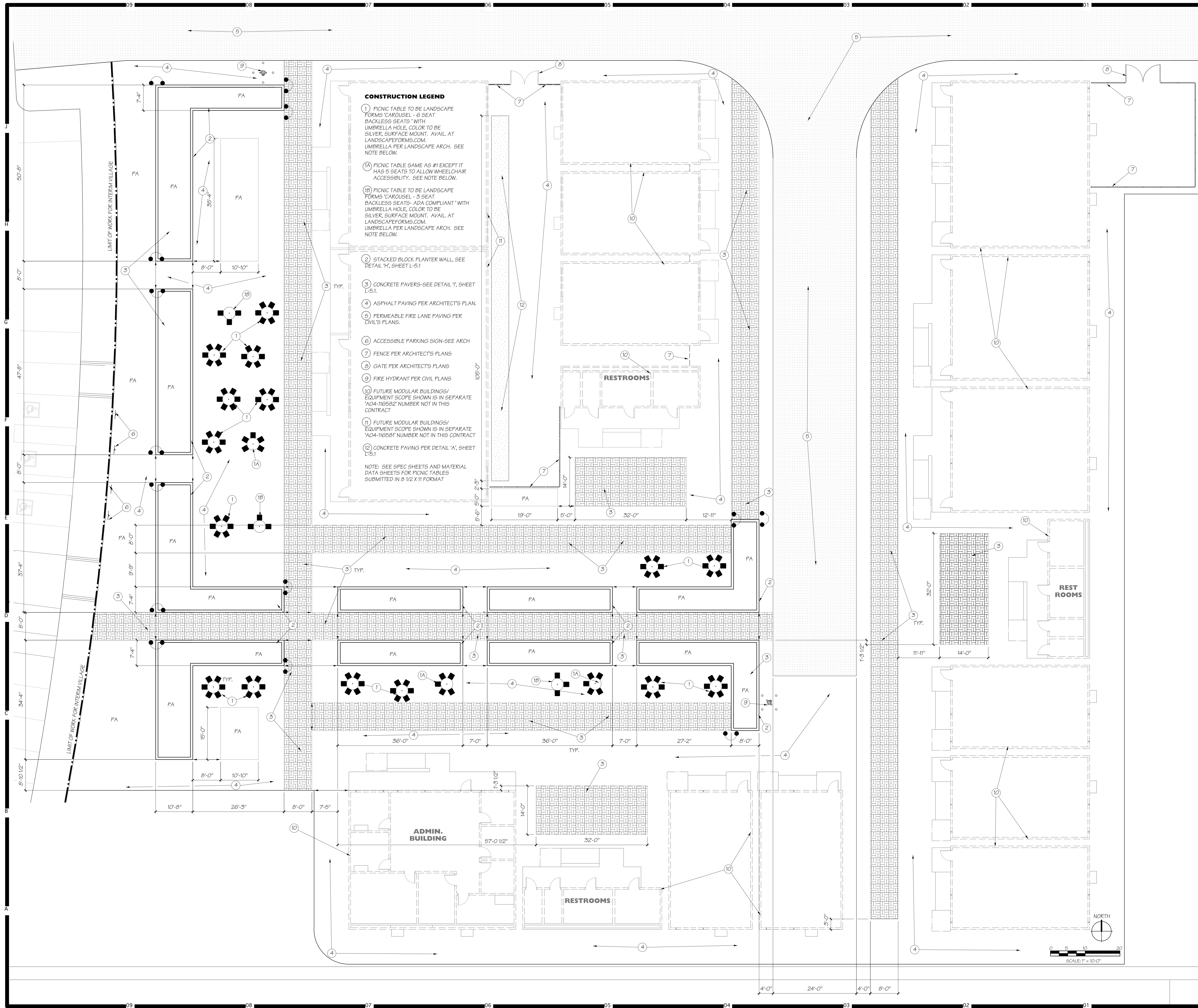
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**LANDSCAPE CONSTRUCTION PLAN**

Architect's Seal 	Designed: <b>KEE</b>	Project No. 5015019-102
	Drawn: <b>KEE</b>	Scale: 1"=20'-0"
	QA/QC:	Drawing No. <b>L-1.11</b>
	Date: 10/06/2017	

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## CONSTRUCTION SYMBOLS LEGEND

ALIGN  
PA PLANTER AREA  
TYP. TYPICAL

Key Map

Consultant Seal

Consultant

**Deneen Powell Attelee Inc.**

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ACS \_\_\_\_\_ FLS \_\_\_\_\_ SSS \_\_\_\_\_  
DATE \_\_\_\_\_

Project Title

Palomar North Education Center - Interim Village

**Palomar College**  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:

**LANDSCAPE CONSTRUCTION PLAN-  
INTERIM VILLAGE**

Architect's Seal

Designed: KEE

Drawn: KEE

QA/QC: KEE

Date: 10/06/2017

Project No. 5015019-102

Scale: 1"=10'-0"

Drawing No. **L-1.12**

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IRRIGATION NOTES

1. THE WORK SHOWN ON THE IRRIGATION PLANS IS SCHEMATIC. ALL ITEMS, I.E. CONTROLLERS, VALVES, MAINLINES, SLEEVES, WIRES, IRRIGATION HEADS, PIPING, ETC. ARE SHOWN IN THEIR APPROXIMATE LOCATIONS ONLY. DETAIL DRAWINGS AND SPECIFICATIONS WILL PROVIDE ADDITIONAL CLARIFICATION.
2. THE CONTRACTOR SHALL NOT LOCATE ANY ITEMS WHERE IT IS OBVIOUS THEY ARE IN DIRECT CONFLICT WITH THE UNDERGROUND UTILITIES, STRUCTURES, PERMANENT IMPROVEMENTS OR PEDESTRIAN OR VEHICULAR SAFETY CONSIDERATIONS.
3. SPRINKLER HEAD LOCATIONS ARE TO BE ADJUSTED FROM THE DIMENSIONS SCALED OFF OF THE DRAWINGS TO PREVENT OVERSPRAY ONTO BUILDINGS, WALKS AND STRUCTURES. INDIVIDUAL HEADS AND ZONES WILL BE ADJUSTED TO MINIMIZE OVERSPRAY ONTO BUILDINGS, WALLS, WALKS AND PAVEMENTS.
4. NOTIFY THE LANDSCAPE ARCHITECT OF CONFLICTS BETWEEN THE PLACEMENT OF PLANT MATERIALS AND IRRIGATION HEADS, AND DISCREPANCIES BETWEEN THE PLANS AND ACTUAL FIELD CONSIDERATIONS.
5. THE CONTRACTOR AND/OR OPERATOR SHALL ONLY APPLY SUFFICIENT WATER TO PROMOTE THE HEALTHY GROWTH OF THE PLANT MATERIALS. AT NO TIME SHALL THE CONTRACTOR / OPERATOR APPLY WATER AT A RATE OR FREQUENCY WHICH RESULTS IN RUNOFF OR SOIL SATURATION.
6. DO NOT LOCATE TREES OR TALLER SHRUBS IN LOCATIONS WHERE THEY WILL BLOCK IRRIGATION HEADS AND PREVENT ADEQUATE COVERAGE. WHERE CALLED FOR, OBTAIN APPROVAL OF THE LANDSCAPE ARCHITECT FOR PLACEMENT OF TREES, SHRUBS OR OTHER ITEMS OF WORK.
7. ALL SHRUB HEADS ARE TO BE IN 6" POP-UP BODIES MINIMUM. ALL BUBBLERS TO BE ON SHORT NIPPLE RISERS 1" +/- ABOVE GRADE AND UNSTAKED. SHRUB CONFIGURATION HEADS ARE NOT ACCEPTABLE.
8. VALVE BOXES ARE TO BE LOCATED IN SHRUB AND GROUND COVER BEDS WHERE EVER POSSIBLE, AND AT LEAST 12" FROM THE EDGE OF THE BED.
9. IRRIGATION MAINLINES AND LATERALS THAT ARE SHOWN ON THE PLAN IN PAVED AREAS ARE TO BE LOCATED IN THE ADJACENT PLANTING AREA, 6" FROM THE EDGE OF PAVEMENT.
10. ALL CONTROL WIRES ARE TO BE IN CONDUIT PER SPECIFICATIONS.

IRRIGATION LEGEND

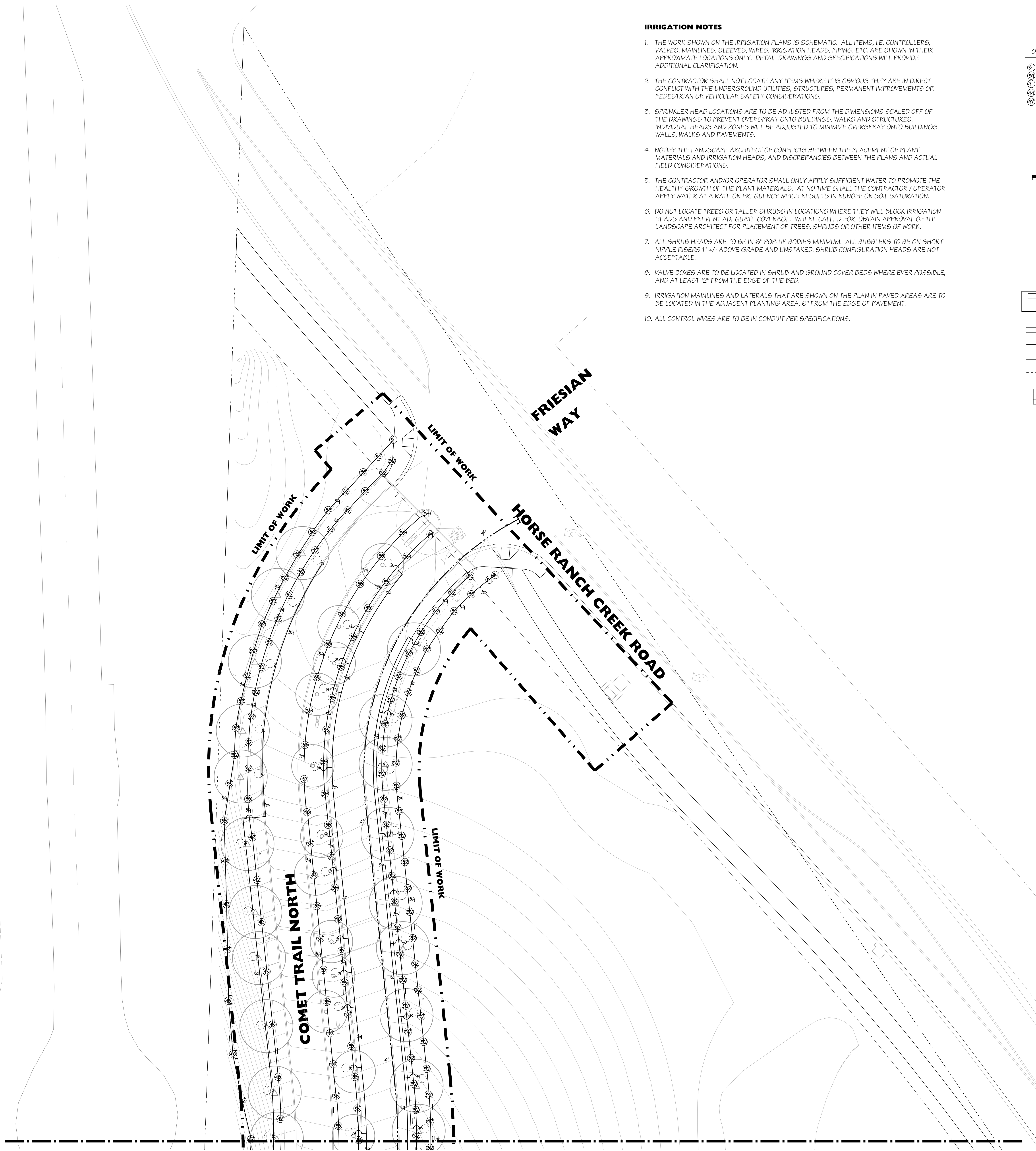
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Q	H	F						
⑤	②	③	HUNTER	MP 1000/Q, H, F	2.4, .75	12'	40	ROTOR HEAD *
⑤	②	③	HUNTER	MP 1000/Q, H, F	2.4, .75	15'	40	ROTOR HEAD *
④	②	③	HUNTER	MP 2000/Q, H, F	4.75, 1.5	20'	40	ROTOR HEAD *
④	②	③	HUNTER	MP 3000/Q, H, F	.9, 1.8, 3.6	25'	40	ROTOR HEAD *
④	②	③	HUNTER	MP 3000/Q, H, F	.9, 1.8, 3.6	30'	40	ROTOR HEAD *
2" POTABLE WATER METER BY OTHERS. 84.5 PSI STATIC WATER PRESSURE								
➡	WILKINS 2" - 975XLVSR SERIES BACKFLOW PREVENTER. ALL PIPING BETWEEN METER AND BACKFLOW DEVICE TO BE RED BRASS.							
Ⓜ	BASELINE BLBHM-2.5" MASTER VALVE FLOW SENSOR							
Ⓜ	DATA IND IR-220P 2.5" FLOW SENSOR - INSTALL PER MFGR'S SPECIFICATIONS							
CALSENSE TWO WIRE IRRIGATION CONTROLLER ASSEMBLY #1CA6-CS3-12B/CS3-EN/65CS-2W-25T/CS-2W-POC/CS1P-10/CS3-RB/FM-3/CS3-RR/COM-1YR-RK. INSTALL PER MANUFACTURER'S SPECIFICATIONS WITH DESIGNATED PULL BOX AND HUNTER MINI-CLIK RAIN SENSOR MOUNTED TO ENCLOSURE.								
⚙	WEATHERMATIC 820CR-YPR PRESSURE REGULATING REMOTE CONTROL VALVE - SIZE AS NOTED.							
⊕	RAINBIRD XCZ SERIES DRIP VALVE ASSEMBLY - SIZE AS NOTED.							
⚙	NIBCO N65870 THREADED 2 PIECE BRONZE BALL VALVE AT P.O.C. AND EACH RCV MANIFOLD - 2" AND SMALLER							
⊙	RAINBIRD 44LRC-NP-1" QUICK COUPLING VALVE - INSTALL PER PLAN IN 10" ROUND VALVE BOX WITH LOCKING COVER AND HEAT BRANDED WITH "QCV". INSTALL ON 1" STUB OUT FROM MAINLINE. INSTALL AT TOE OF SLOPE.							
Ⓜ	RAINBIRD MDCFCAP FLUSH CAP VALVE							
RAINBIRD LD-QC-12 DRIP TUBING W/8 GPH EMITTERS 12" ON CENTER. INTALL TUBING ROWS A MAXIMUM OF 16" APART IN PLANTING AREAS. INSTALL WITH 30" WIRE STAKES FIVE (5) FEET ON CENTER. VERIFY LAYOUT AND SPACING IN THE FIELD PRIOR TO STARTING WORK								
RAINBIRD MDCF FITTINGS FOR CONNECTIONS BETWEEN PVC HEADER LINES AND DRIP TUBING								
PWP			PVC MAINLINE - 1" - 2" SCH 40; 2 1/2" AND LARGER CLASS 315 - SIZE AS NOTED					
PWP			PVC LATERAL - BELOW GRADE - SIZE AS NOTED					
PWP			CLASS 315 PVC SLEEVE - SIZE AS NOTED OR TWICE PIPE SIZE CARRIED WITHIN					

\*ALL SHRUB HEADS ADJACENT TO CURBS, STREETS, SIDEWALKS, PATHWAYS AND TRAFFICKED WAYS SHALL BE IN 12" POP-UP BODIES MINIMUM. ALL OTHERS MAY BE IN SHRUB CONFIGURATION.

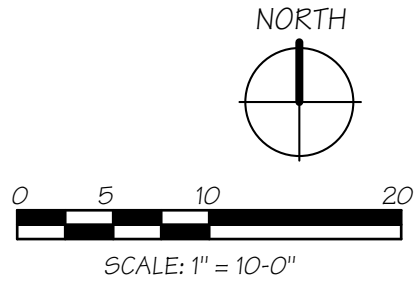
NOTE:

CONTRACTOR SHALL INSTALL INLINE SWING AND SPRING CHECK VALVES AS REQUIRED TO ELIMINATE LOW HEAD DRAINAGE ON ALL ROTOR, SPRAY, BUBBLER AND DRIP SYSTEMS.

CONTRACTOR SHALL ENSURE EXISTING SYSTEM INTEGRITY DURING CONSTRUCTION. ALL EXISTING IRRIGATION SHALL BE ADJUSTED TO MATCH NEW PLANTING LAYOUT AND NEW SYSTEM BOUNDARIES. CONTRACTOR SHALL EXTEND EXISTING IRRIGATION INTO NEW AREAS AS NEEDED.



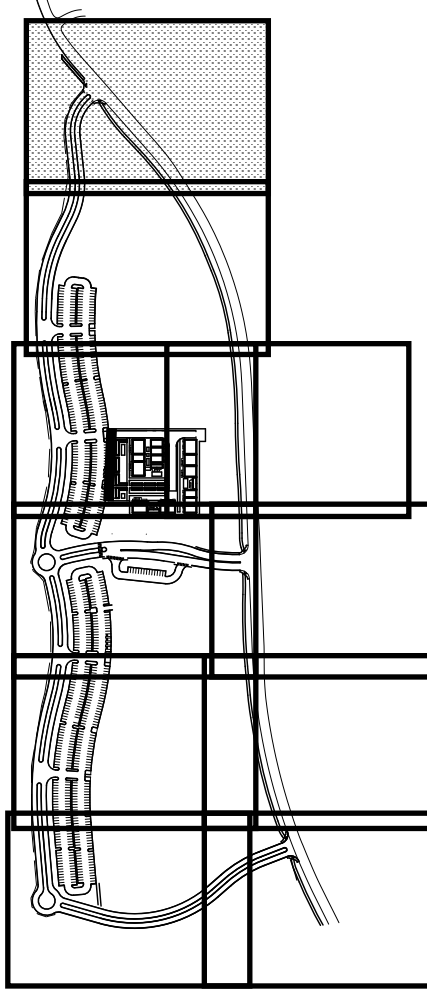
SEE SHEET L-6.1 FOR IRRIGATION DETAILS



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Key Map



Consultant Seal



Consultant



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DIV. OF THE STATE ARCHITECT

APPL. 04-116580

ACS \_\_\_\_\_ FLS \_\_\_\_\_ SSS \_\_\_\_\_  
DATE \_\_\_\_\_

Project Title



Palomar North Education Center  
**Palomar College**

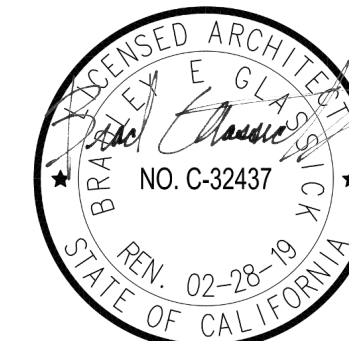
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:

IRRIGATION PLAN

Architect's Seal



Designed:

KEE

Project No. 5015019-102

Drawn:

KEE

Scale: 1"=20'-0"

QA/QC

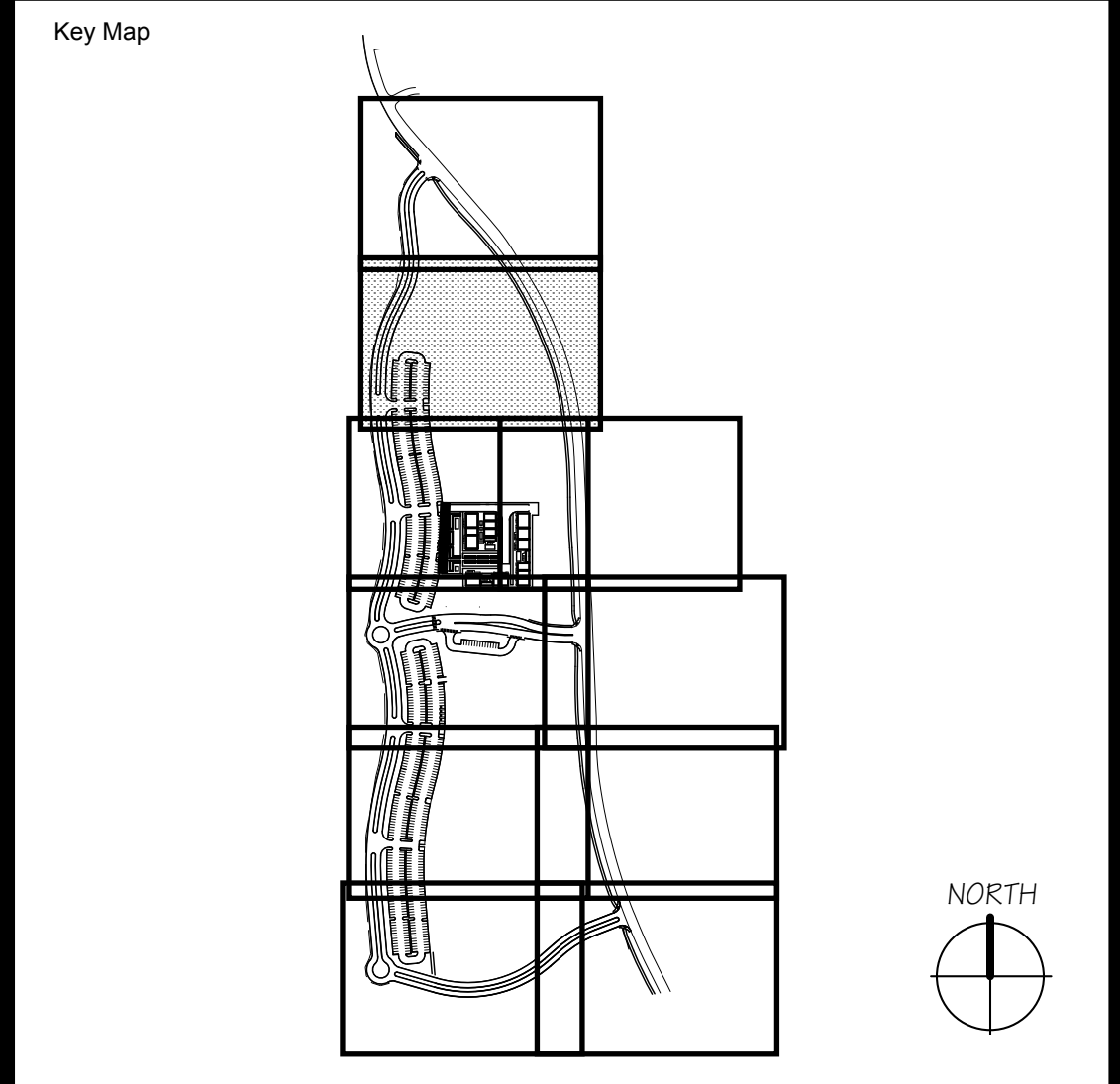
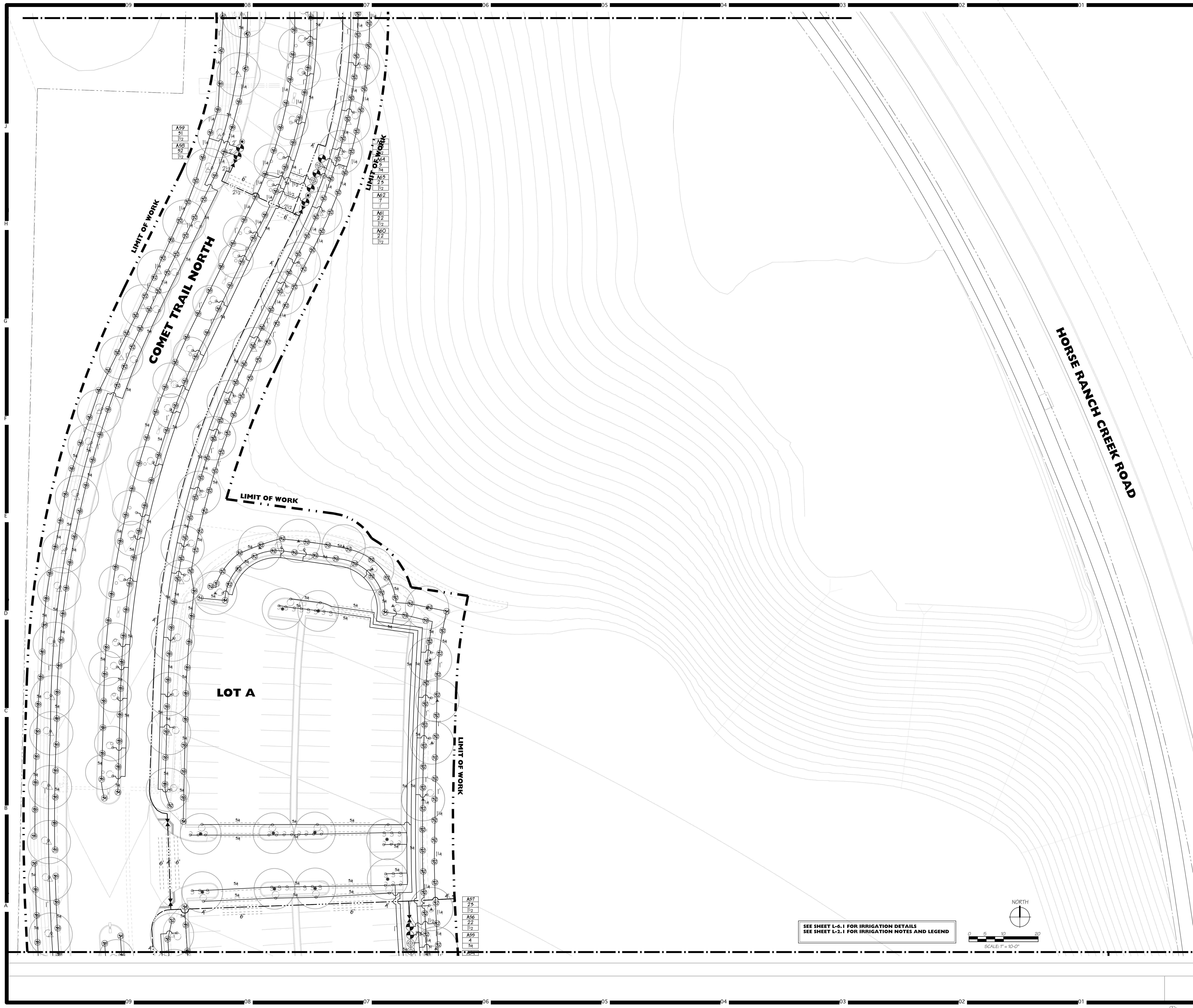
Drawing No.

**L-2.1**

Date:

10/06/2017





Consultant Seal

Consultant

**Doreen Powell Atelier Inc.**

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Agency Approval FILE NO. 37-C1

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DIV. OF THE STATE ARCHITECT

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ACS \_\_\_\_\_ FLS \_\_\_\_\_ SSS \_\_\_\_\_  
DATE \_\_\_\_\_

Project Title

**PALOMAR COLLEGE** Palomar North Education Center - Interim Village

35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:

**IRRIGATION PLAN**

Architect's Seal

Designed: **KEE**

Drawn: **KEE**

QAQC

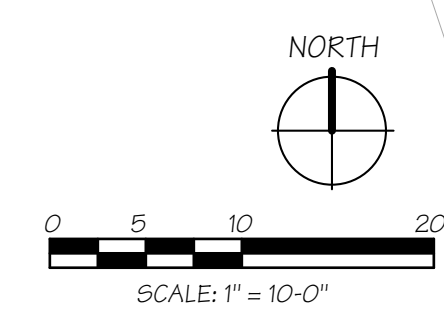
Date: 10/06/2017

Project No. 5015019-102

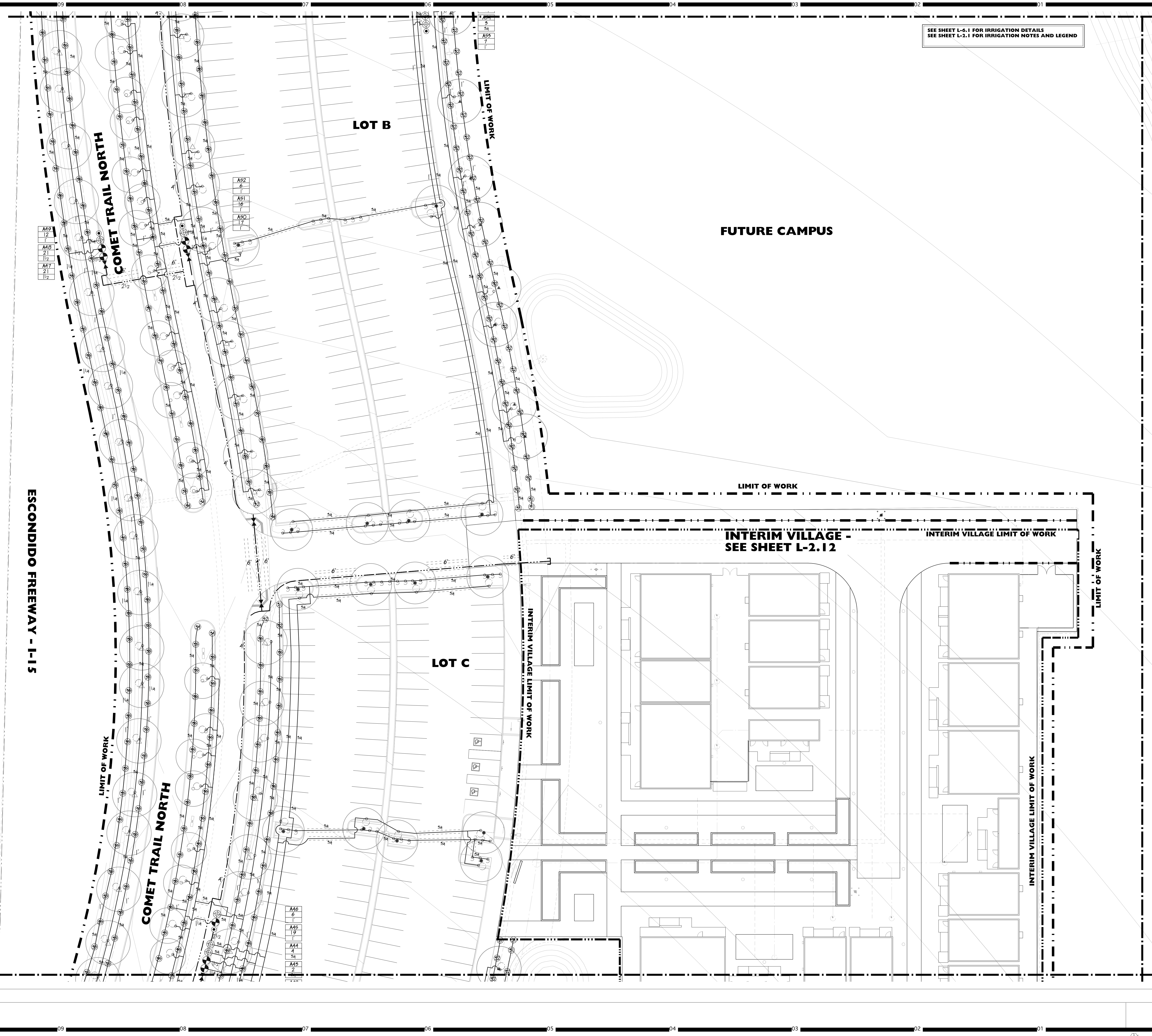
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SEE SHEET L-6.1 FOR IRRIGATION DETAILS  
SEE SHEET L-2.1 FOR IRRIGATION NOTES AND LEGEND

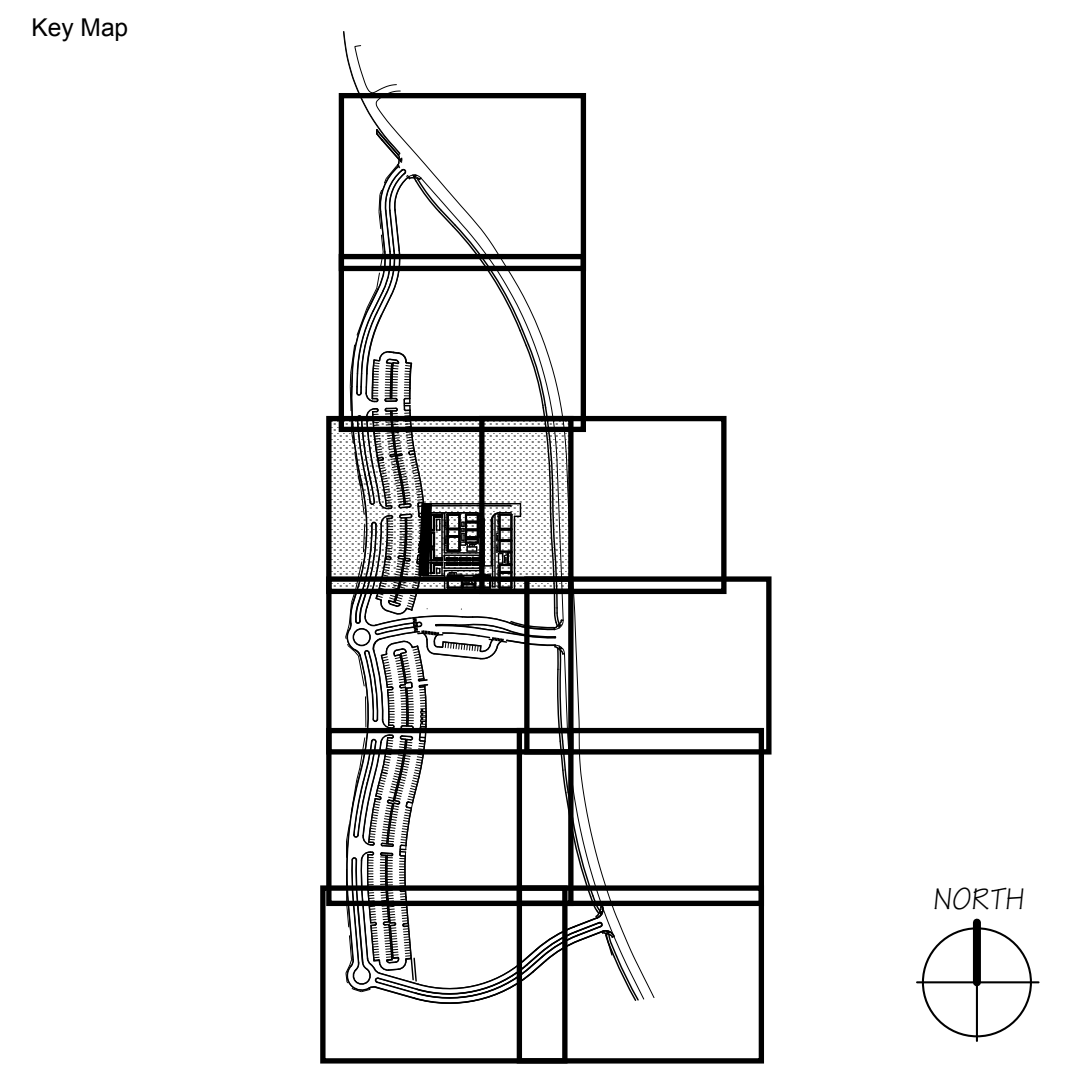






SEE SHEET L-6.1 FOR IRRIGATION DETAILS  
SEE SHEET L-2.1 FOR IRRIGATION NOTES AND LEGEND

**HMC Architects**  
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Consultant

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ACS. FLS. SSS  
DATE

Project Title

**Palomar College**  
Palomar North Education Center - Interim Village  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title: **IRRIGATION PLAN**

Architect's Seal

Designed: **KEE**

Drawn: **KEE**

QA/QC

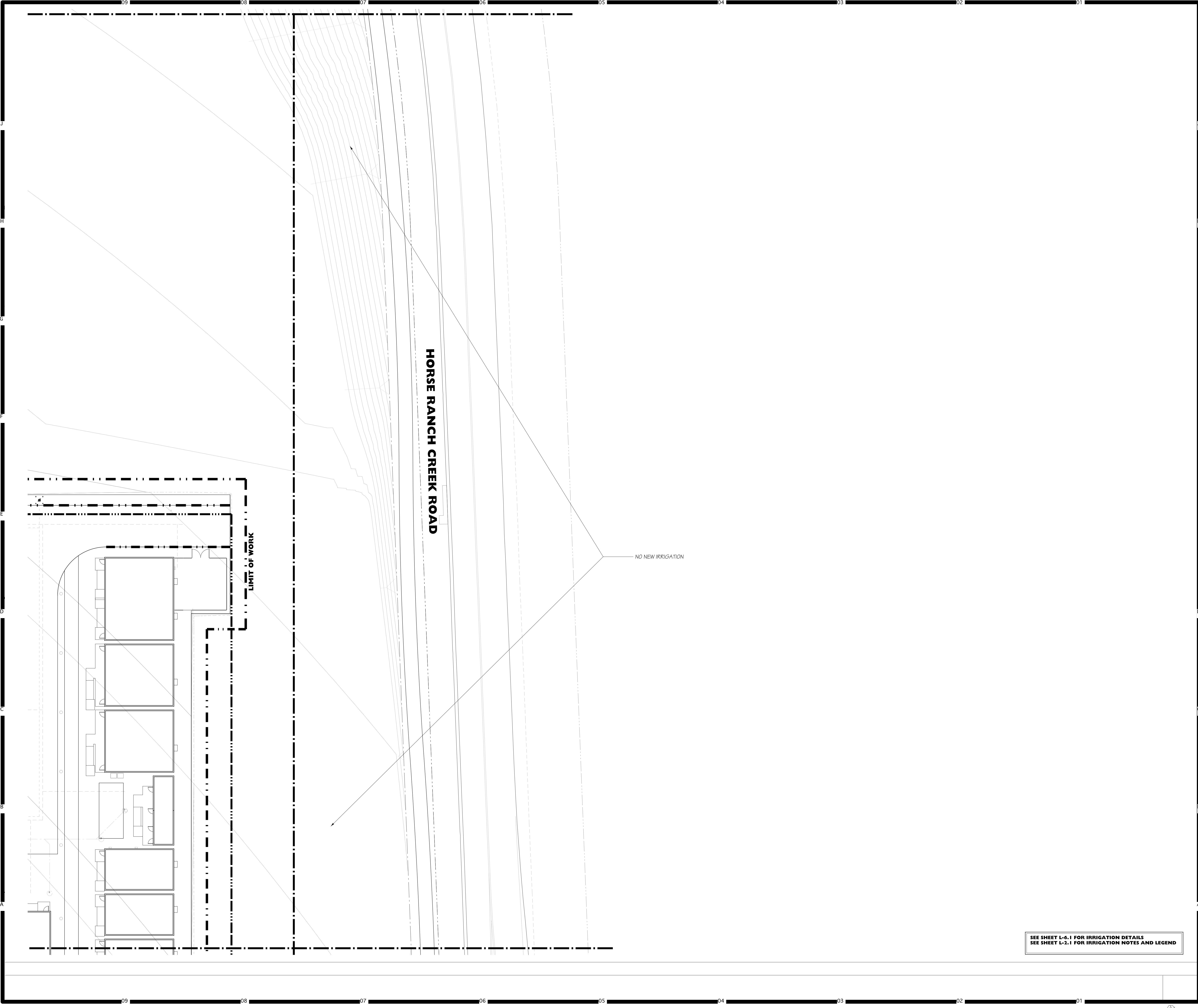
Date: 10/06/2017

Project No. 5015019-102

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Drawing No. **L-2.3**





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Key Map

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Consultant

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IDENTIFICATION STAMP  
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APPL. 04-116580

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DATE

Project Title

Palomar North Education Center - Interim Village

**Palomar College**  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:

**IRRIGATION PLAN**

Architect's Seal

Designed: **KEE**

Drawn: **KEE**

QA/QC:

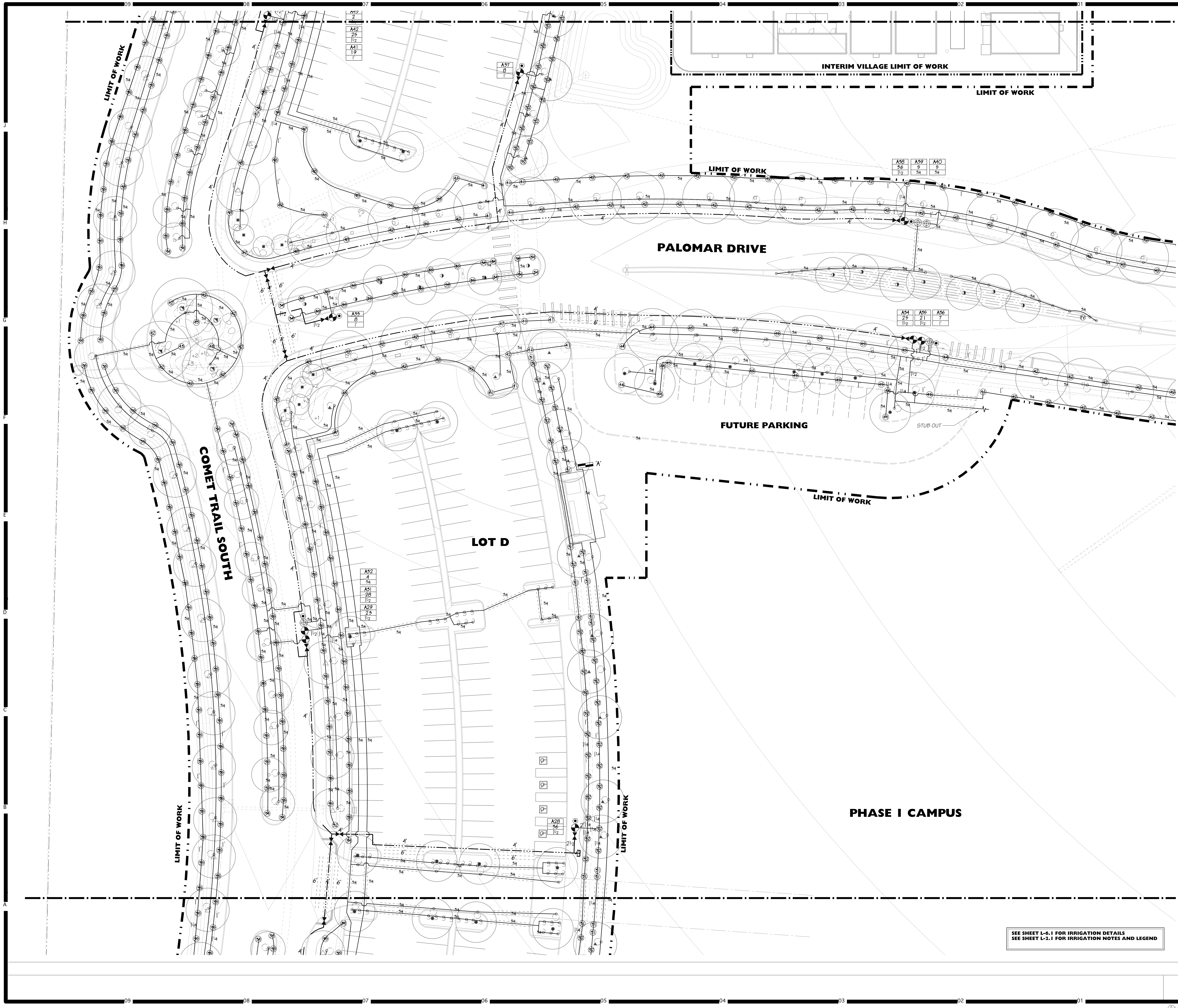
Date: 10/06/2017

Project No. 5015019-102

Scale: 1"=20'-0"

Drawing No. **L-2.4**





# HMC Architects

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Key Map

Consultant Seal

Consultant

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DATE

Project Title

Palomar North Education Center - Interim Village

**Palomar College**

35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:

**IRRIGATION PLAN**

Architect's Seal

Designed: KEE

Drawn: KEE

QA/QC

Date: 10/06/2017

Project No. 5015019-102

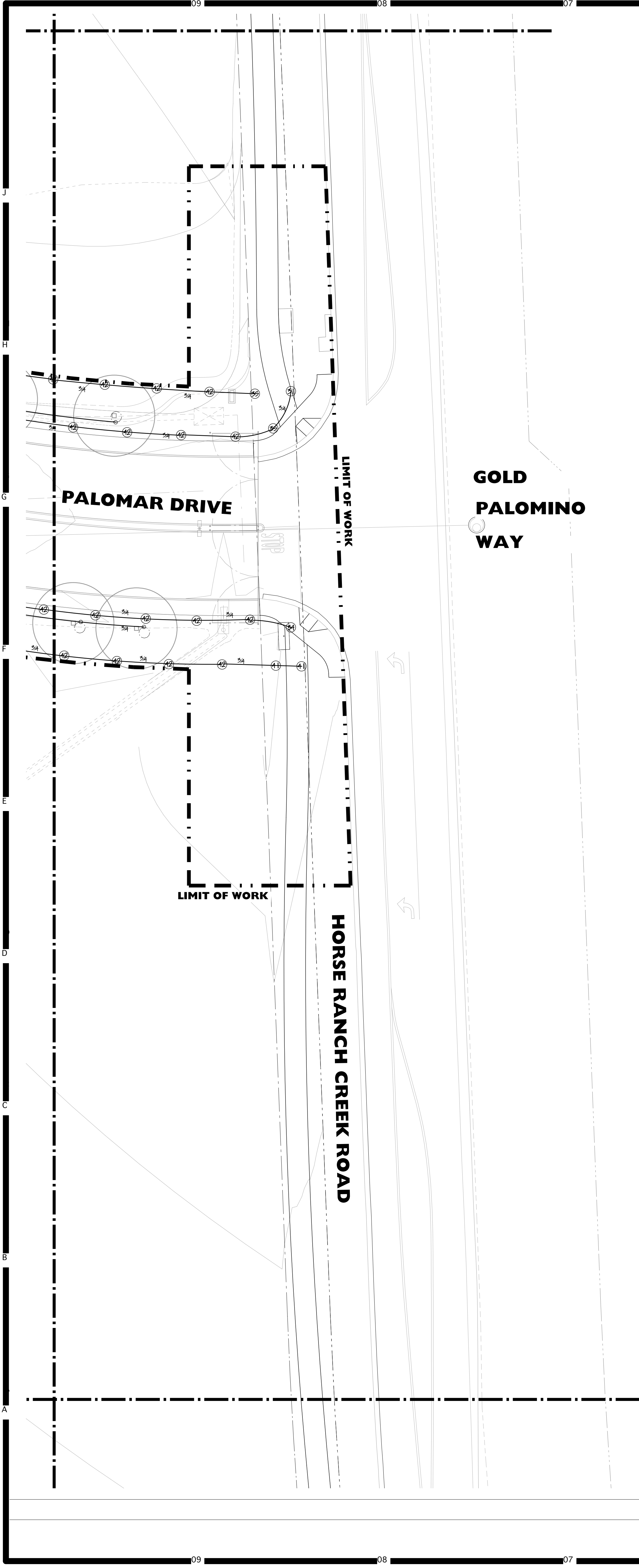
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Drawing No. **L-2.5**

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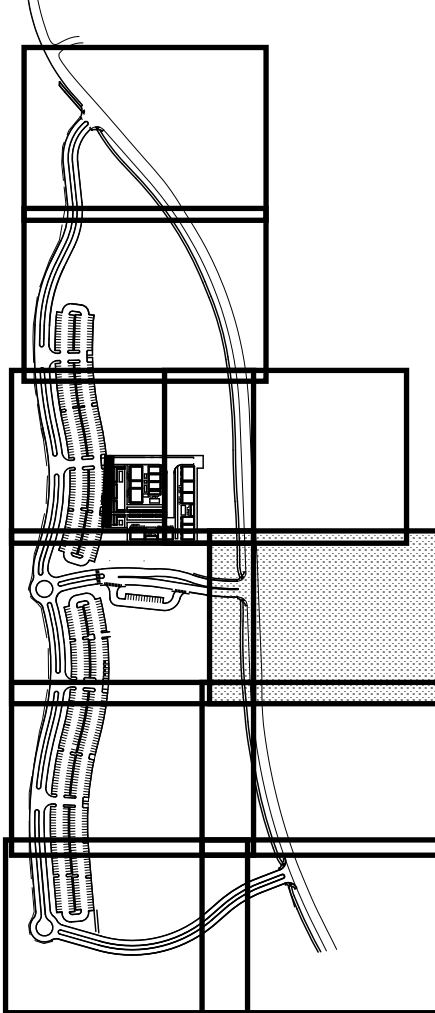




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Key Map



Consultant Seal




Consultant



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IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APPL. 04-116580  
ACS FLS SSS  
DATE

Project Title

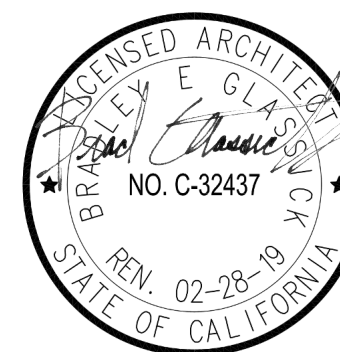


**Palomar College**  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

IRRIGATION PLAN

Architect's Seal

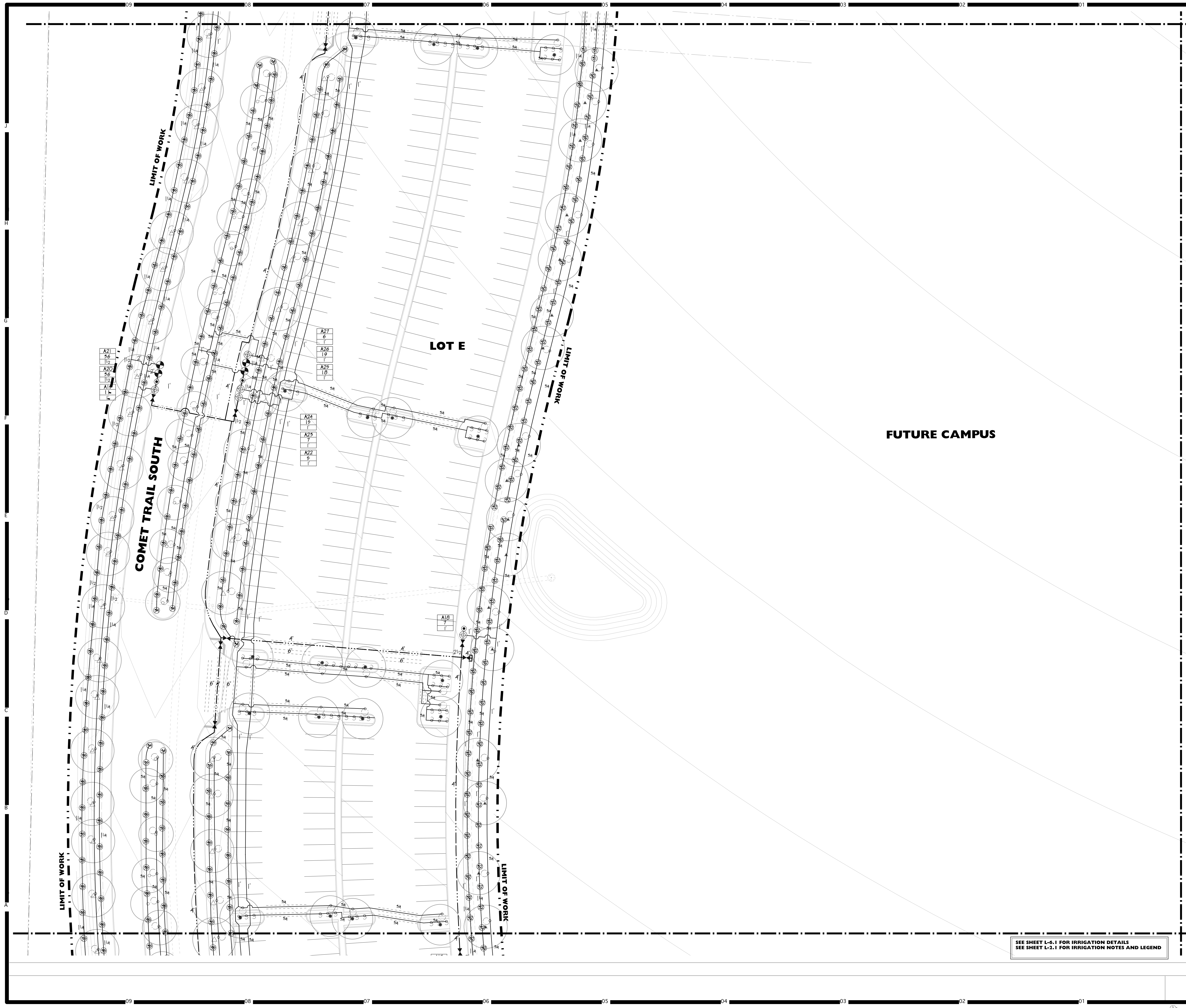


Designed: KEE	Project No. 5015019-102
Drawn: KEE	Scale: 1"=20'-0"
QA/QC:	Drawing No. L-2.6
Date: 10/06/2017	

SEE SHEET L-6.1 FOR IRRIGATION DETAILS  
SEE SHEET L-2.1 FOR IRRIGATION NOTES AND LEGEND







# HMC Architects

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Key Map

Consultant Seal

Consultant

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DATE

Project Title

Palomar North Education Center - Interim Village

**Palomar College**  
Learning for Success

35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:

**IRRIGATION PLAN**

Architect's Seal

Designed: **KEE**

Drawn: **KEE**

QA/QC: **KEE**

Date: 10/06/2017

Project No. 5015019-102

Scale: 1"=20'-0"

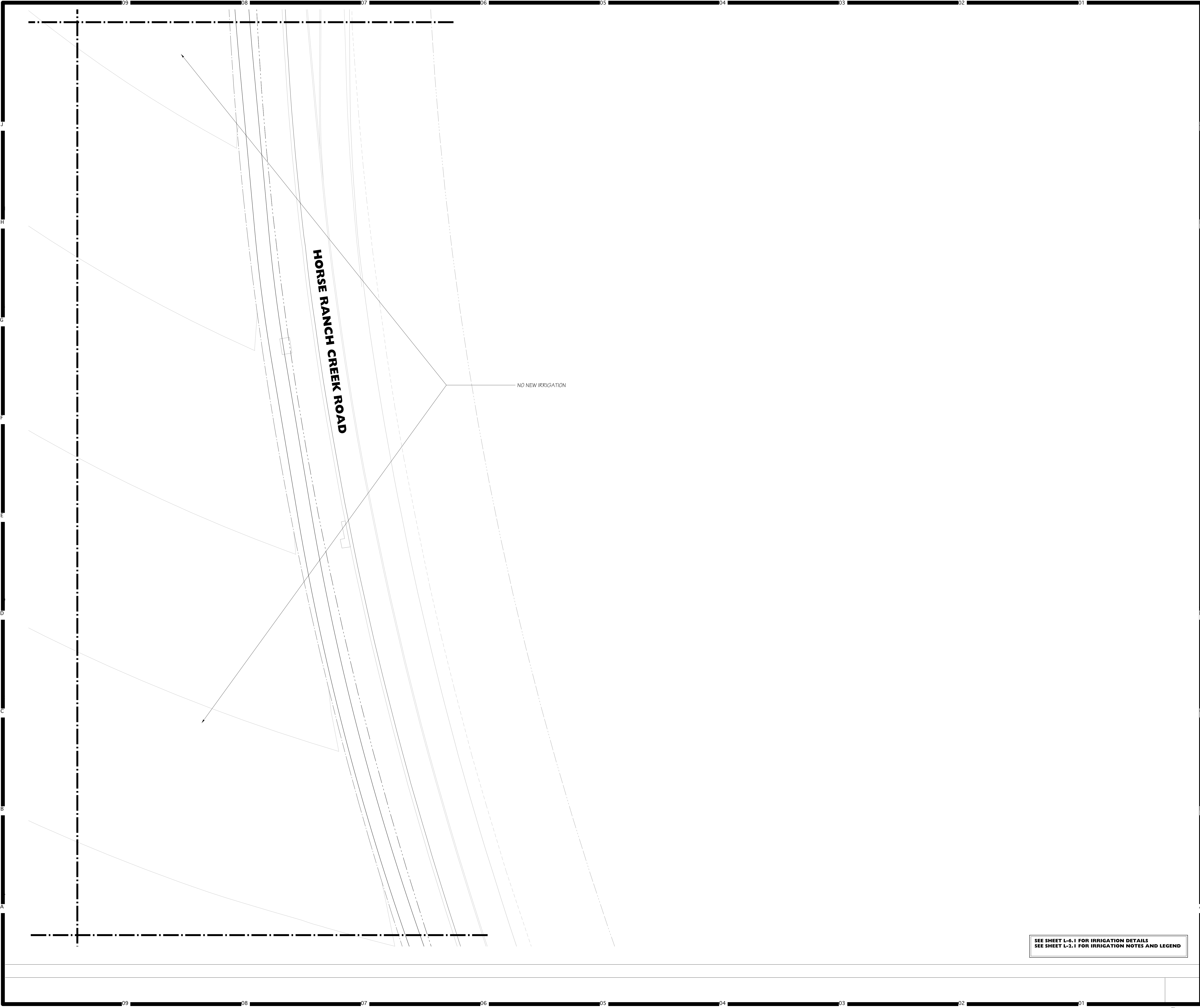
Drawing No. **L-2.7**

SEE SHEET L-6.1 FOR IRRIGATION DETAILS  
SEE SHEET L-2.1 FOR IRRIGATION NOTES AND LEGEND

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Key Map

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Consultant

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DATE

Project Title

Palomar North Education Center - Interim Village

**PALOMAR COLLEGE** **Palomar College**

35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:

**IRRIGATION PLAN**

Architect's Seal

Designed: KEE

Drawn: KEE

QA/QC:

Date: 10/06/2017

Project No. 5015019-102

Scale: 1"=20'-0"

Drawing No. **L-2.8**

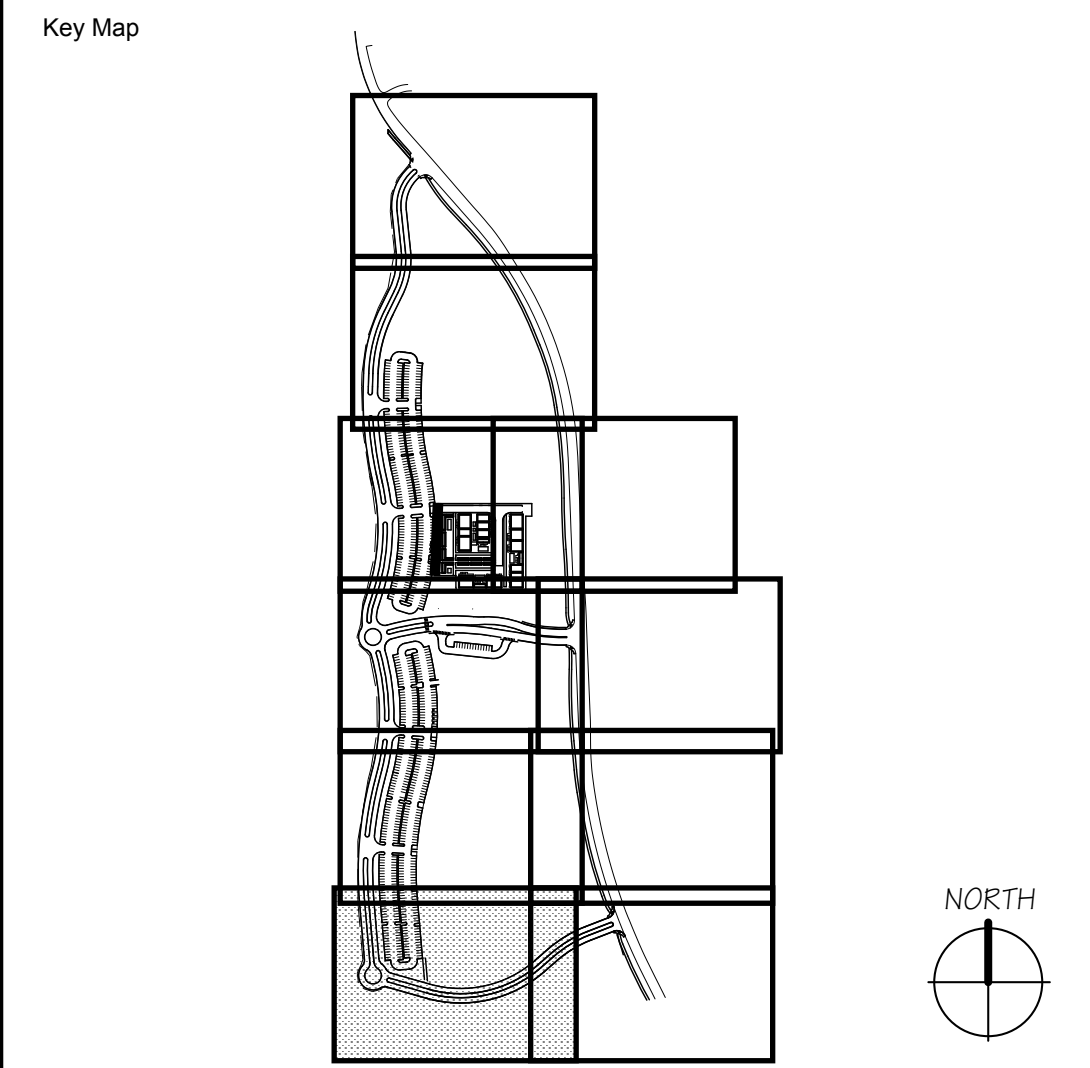
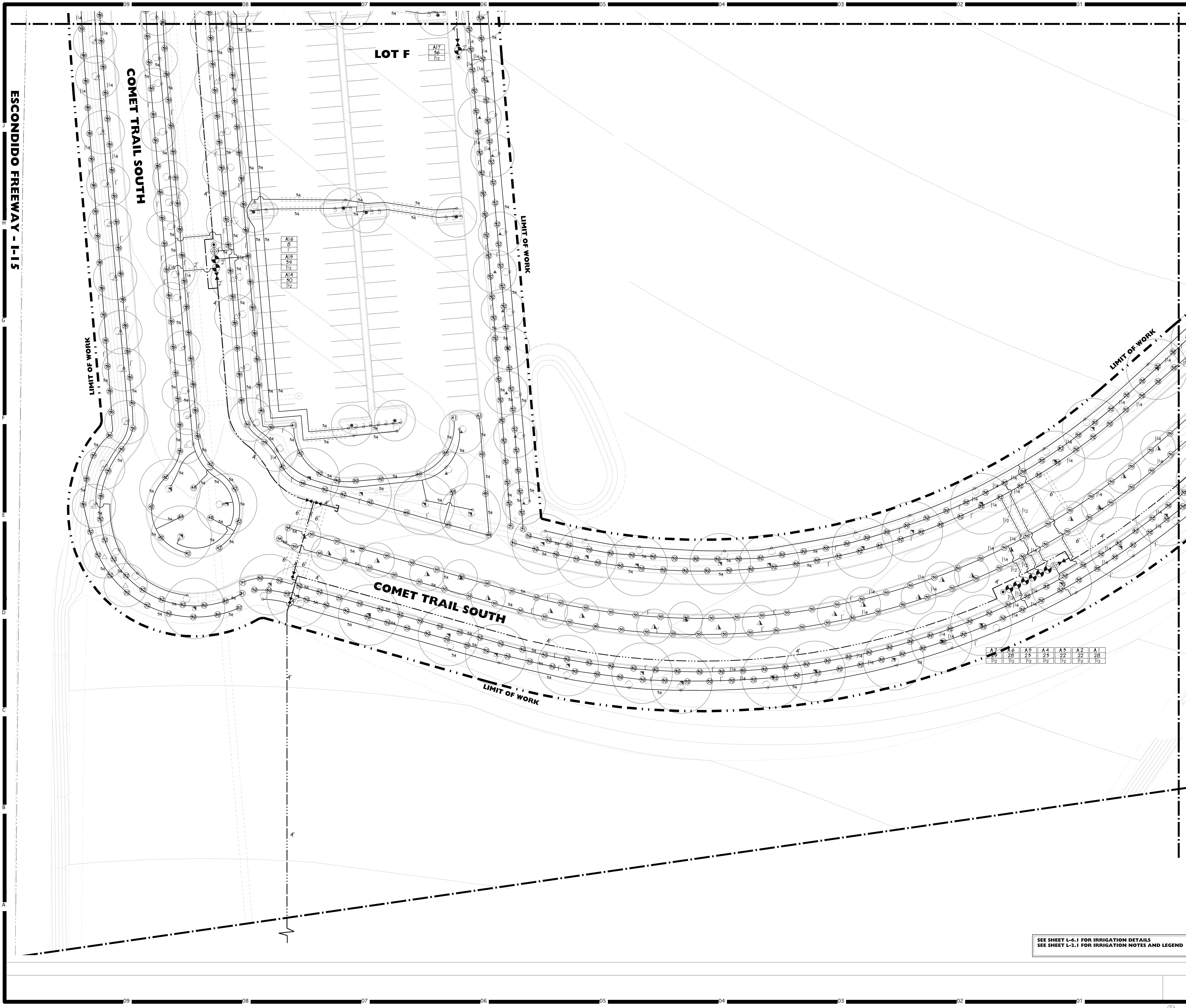
SEE SHEET L-6.1 FOR IRRIGATION DETAILS  
SEE SHEET L-2.1 FOR IRRIGATION NOTES AND LEGEND

PLEASE RECYCLE

DSA SUBMITTAL

174-001





Consultant Seal

Consultant

**Densen Powell Atelier, Inc.**

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FAX: 913-241-9803 SAN DIEGO, CA 92104  
www.dpaudio.com

Agency Approval FILE NO. 37-C1

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT

APPL. 04-116580

ACS FLS SSS  
DATE

Project Title

**Palomar College**  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title: **IRRIGATION PLAN**

Architect's Seal

Designed: **KEE**

Scale: **1"=20'-0"**

Project No. **5015019-102**

Drawn: **KEE**

QA/QC

Drawing No. **L-2.9**

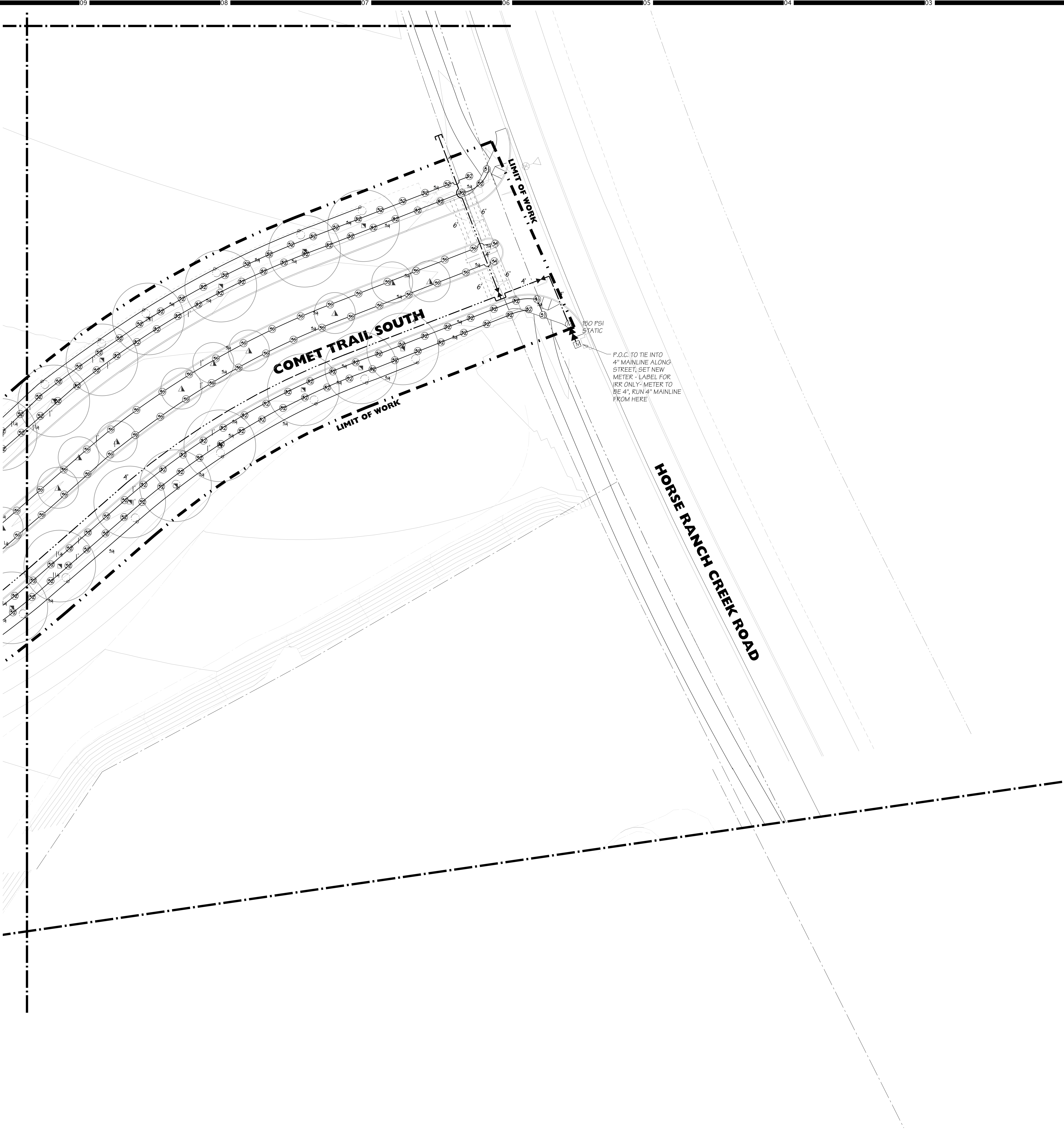
Date: **10/06/2017**

SEE SHEET L-6.1 FOR IRRIGATION DETAILS  
SEE SHEET L-2.1 FOR IRRIGATION NOTES AND LEGEND



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A

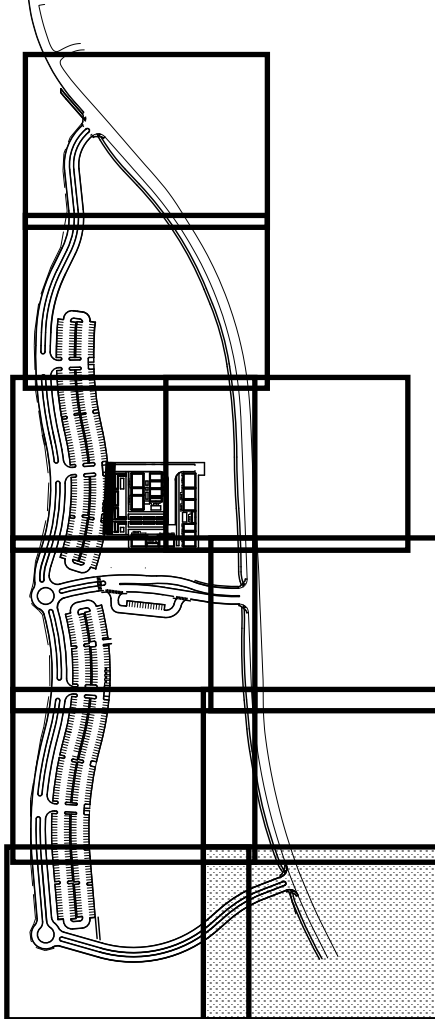


SEE SHEET L-6.1 FOR IRRIGATION DETAILS  
SEE SHEET L-2.1 FOR IRRIGATION NOTES AND LEGEND

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Consultant

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APPL. 04-116580

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DATE

Project Title



Palomar North Education Center - Interim Village  
**Palomar College**

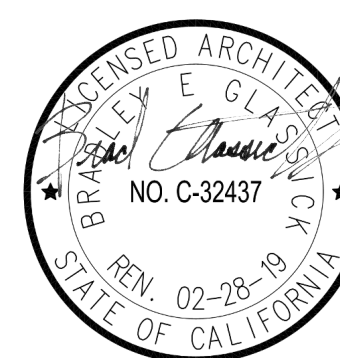
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:

IRRIGATION PLAN

Architect's Seal



Designed

KEE

Project No. 5015019-102

Drawn:

KEE

Scale: 1"=20'-0"

QA/QC

Drawing No.

**L-2.10**

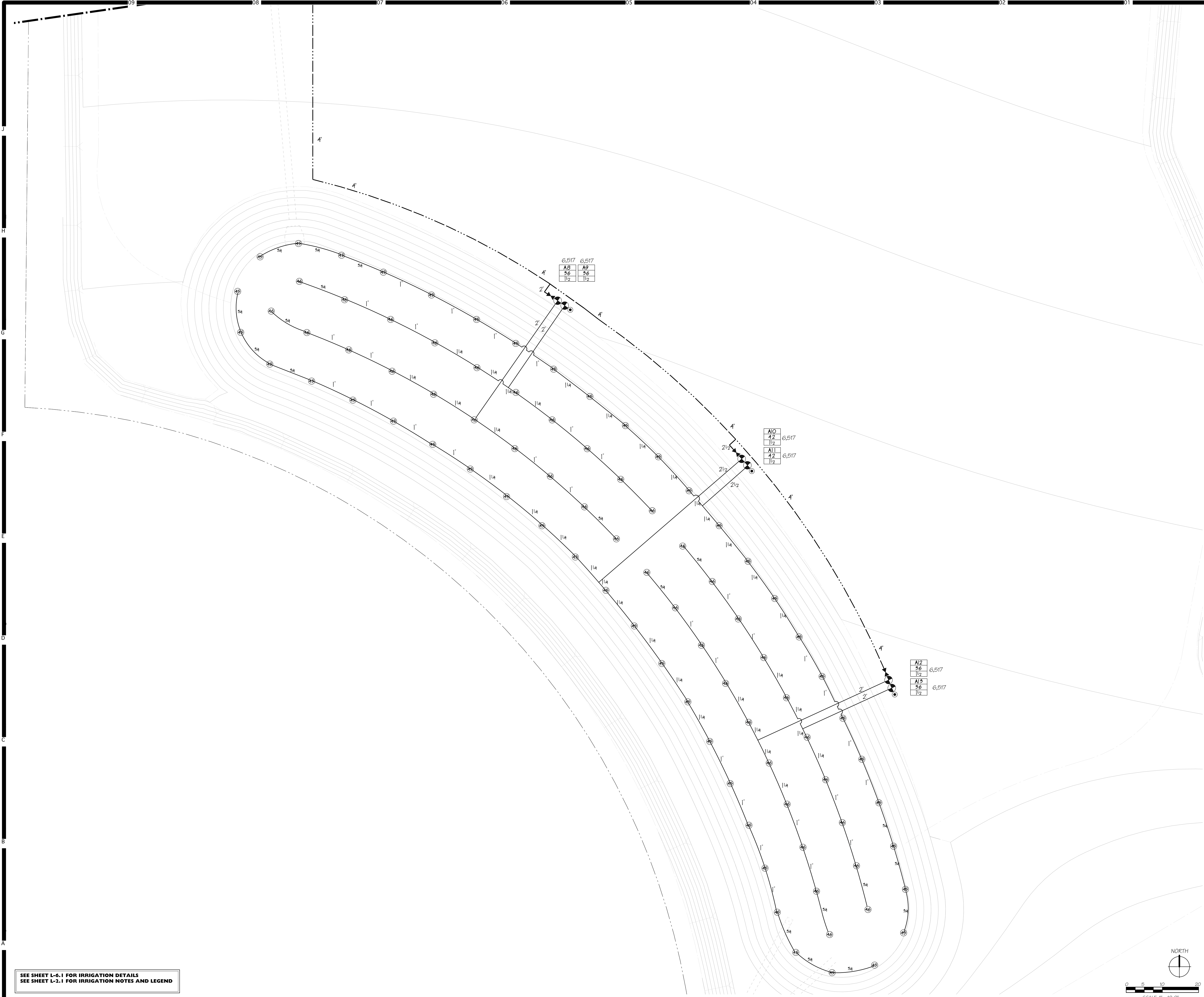
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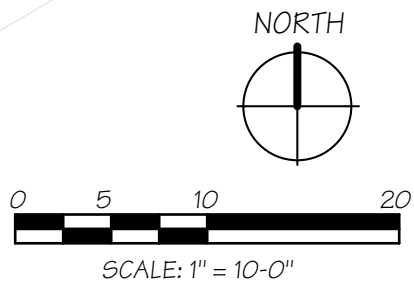
DSA SUBMITTAL

17/001





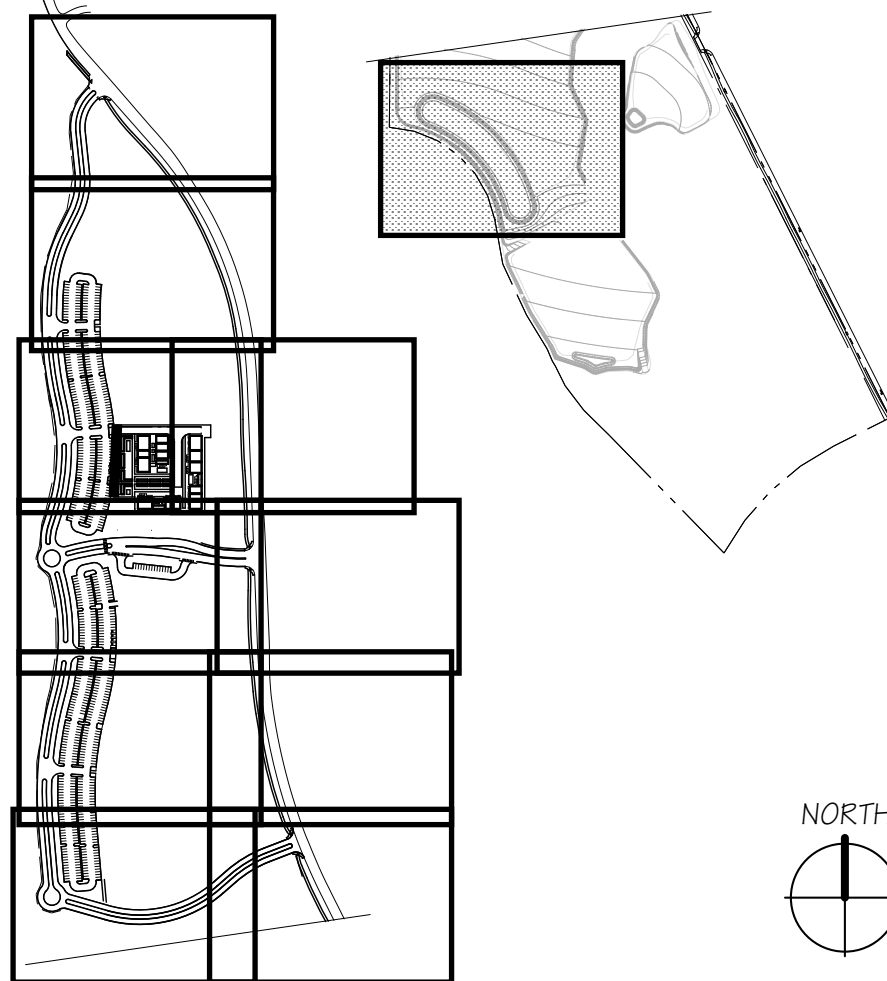
SEE SHEET L-6.1 FOR IRRIGATION DETAILS  
SEE SHEET L-2.1 FOR IRRIGATION NOTES AND LEGEND



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ACS FLS SSS  
DATE

Project Title

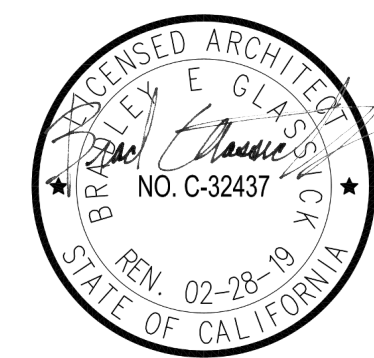
Palomar North Education Center  
**Palomar College**  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:

IRRIGATION PLAN

Architect's Seal



Designed:

KEE

Project No. 5015019-102

Drawn:

KEE

Scale: 1"=20'-0"

QA/QC

Drawing No.

Date:












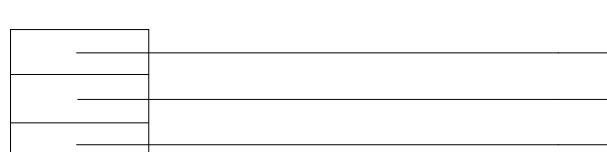
10/06/2017

**L-2.11**



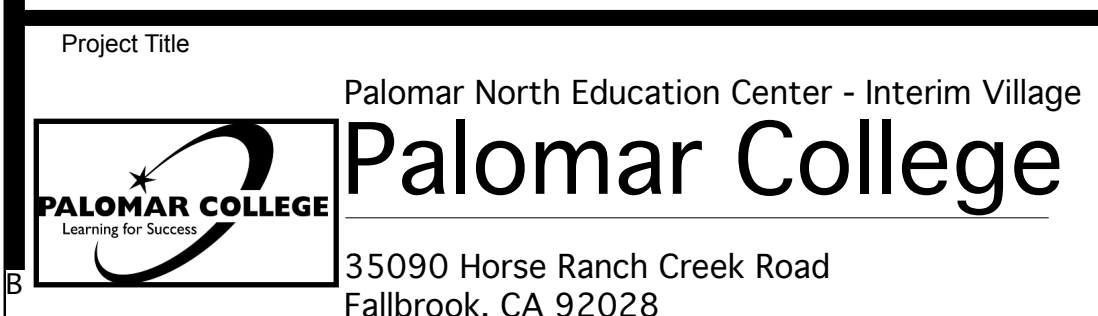
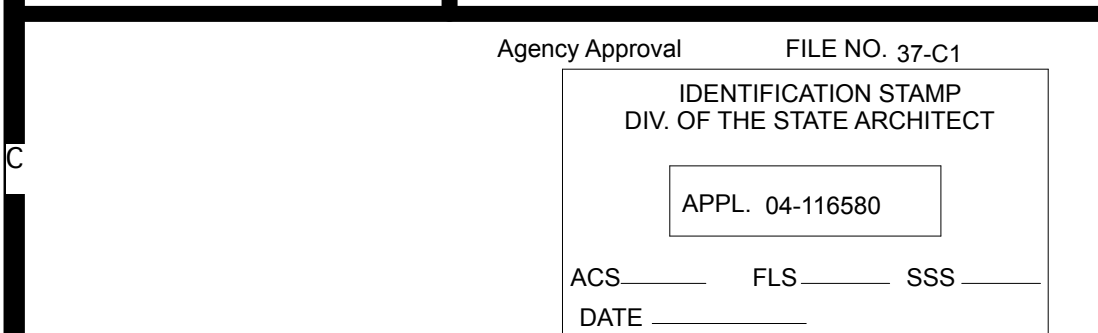
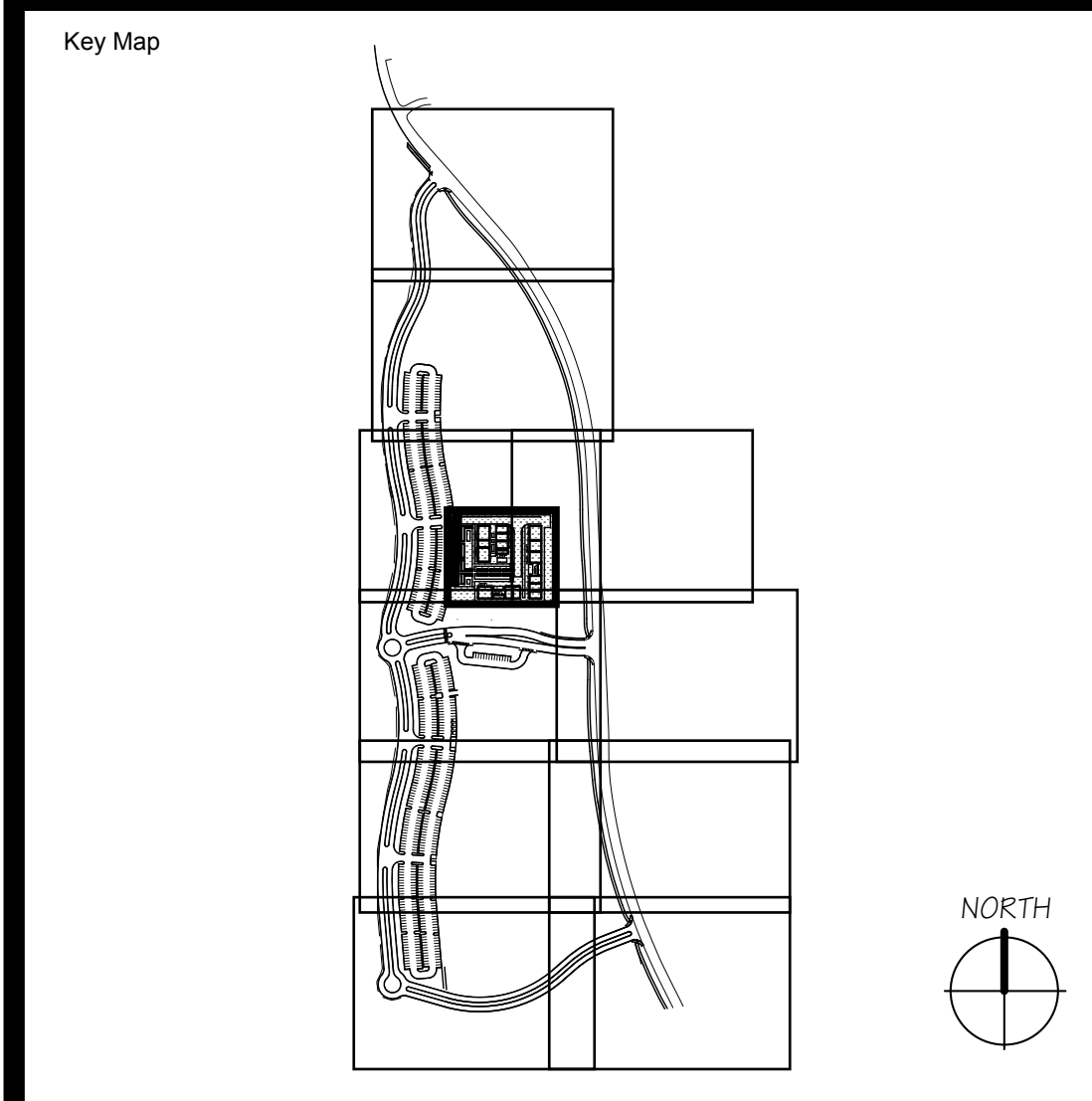
CONNECT NEW MAINLINE TO EXISTING MAINLINE RUNNING  
ALONG HORSE RANCH CREEK ROAD.

### IRRIGATION LEGEND

SYM	MFGR	MODEL #	DESCRIPTION
	HUNTER	I CORE 600SS IRRIGATION CONTROLLER WITH 5 ICM-600 MODULES.	INSTALL PER MANUFACTURER'S SPECIFICATIONS WITH DESIGNATED PULL BOX AND HUNTER MINI-CLIK RAIN SENSOR MOUNTED TO ENCLOSURE
	WEATHERMATIC	820CR-XPR PRESSURE REGULATING REMOTE CONTROL VALVE - SIZE AS NOTED.	
	RAINBIRD	XCZ SERIES DRIP VALVE ASSEMBLY - SIZE AS NOTED.	
	NIBCO		
	RAINBIRD	44LRC-NP-1" QUICK COUPLING VALVE - INSTALL PER PLAN IN 10" ROUND VALVE BOX WITH LOCKING COVER AND HEAT BRANDED WITH "QCV".	INSTALL ON 1" STUB OUT FROM MAINLINE. INSTALL AT TOE OF SLOPE.
	RAINBIRD		
	RAINBIRD	LD-06-12 DRIP TUBING W/ 6 GPH EMITTERS 12" ON CENTER.	INTALL TUBING ROWS A MAXIMUM OF 16" APART IN PLANTING AREAS. INSTALL WITH 90° WIRE STAKES FIVE (5) FEET ON CENTER. VERIFY LAYOUT AND SPACING IN THE FIELD PRIOR TO STARTING WORK
	RAINBIRD		
	PWP		
	PWP	PVC LATERAL - BELOW GRADE - SIZE AS NOTED	
	PWP		
		CONTROLLER & STATION NUMBER	
		GALLONS PER MINUTE	
		VALVE SIZE	


NOTE: CONTRACTOR SHALL INSTALL INLINE SWING AND SPRING CHECK VALVES AS REQUIRED TO ELIMINATE LOW HEAD DRAINAGE ON ALL ROTOR, SPRAY, BUBBLER AND DRIP SYSTEMS.

CONTRACTOR SHALL ENSURE EXISTING SYSTEM INTEGRITY DURING CONSTRUCTION. ALL EXISTING IRRIGATION SHALL BE ADJUSTED TO MATCH NEW PLANTING LAYOUT AND NEW SYSTEM BOUNDARIES. CONTRACTOR SHALL EXTEND EXISTING IRRIGATION INTO NEW AREAS AS NEEDED.

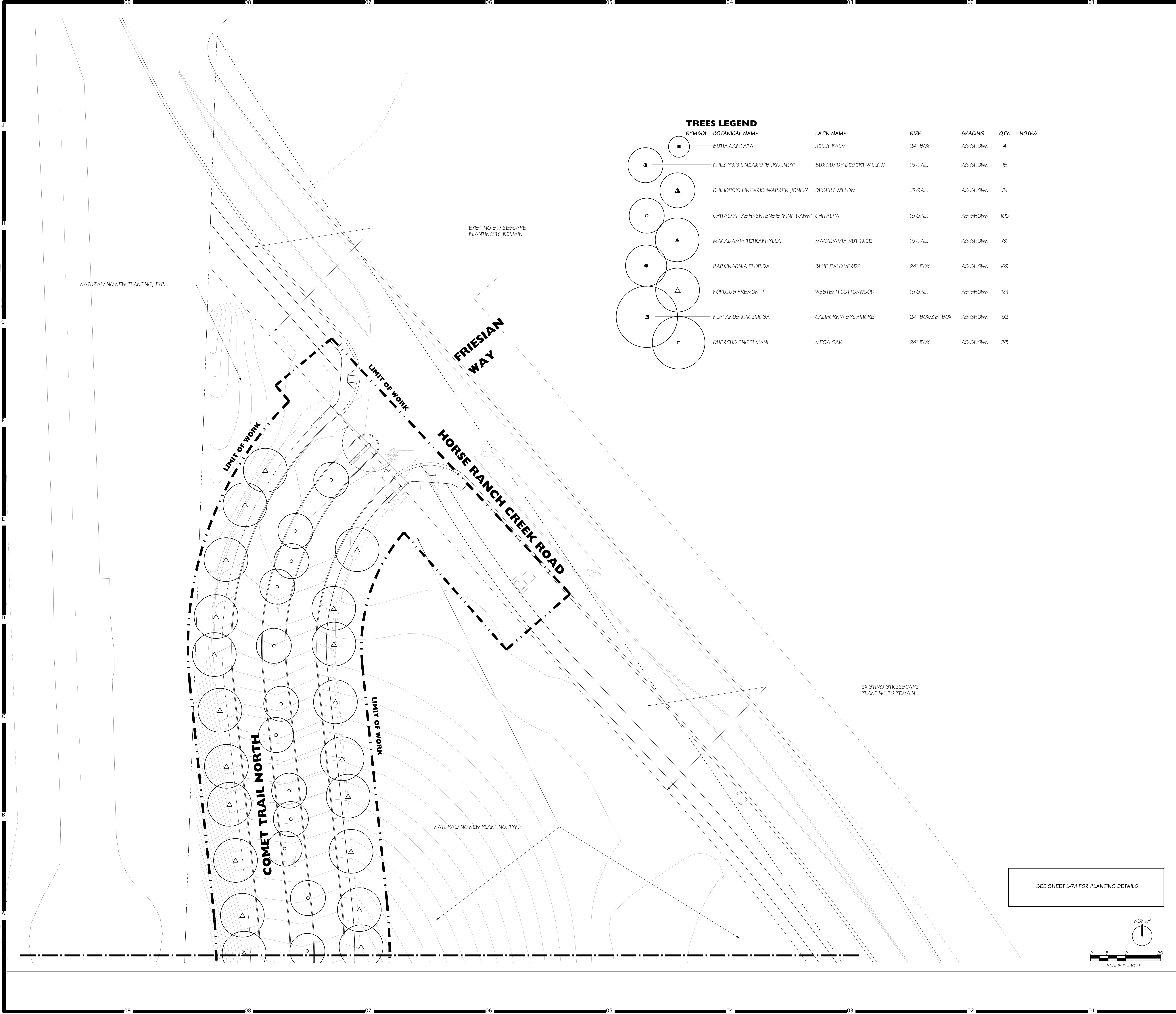


No	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title: IRRIGATION PLAN- INTERIM VILLAGE

	Designed: KEE	Project No. 5015019-102
	Drawn: KEE	Scale: 1"=10'-0"
	QA/QC:	Drawing No. L-2.12
	Date: 10/06/2017	



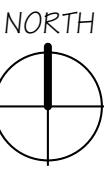
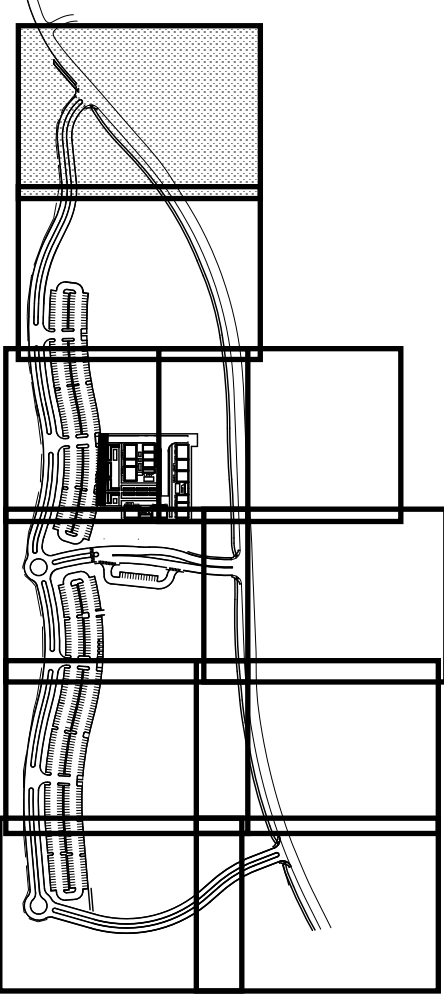


TREES LEGEND						
SYMBOL	BOTANICAL NAME	LATIN NAME	SIZE	SPACING	QTY.	NOTES
	BUTIA CAPITATA	JELLY PALM	24" BOX	AS SHOWN	4	
	CHILOPSIS LINEARIS 'BURGUNDY'	BURGUNDY DESERT WILLOW	15 GAL.	AS SHOWN	15	
	CHILOPSIS LINEARIS 'WARREN JONES'	DESERT WILLOW	15 GAL.	AS SHOWN	31	
	CHITALPA TASHKENTENSIS 'PINK DAWN'	CHITALPA	15 GAL.	AS SHOWN	103	
	MACADAMIA TETRAPHYLLA	MACADAMIA NUT TREE	15 GAL.	AS SHOWN	61	
	PARKINSONIA FLORIDA	BLUE PALO VERDE	24" BOX	AS SHOWN	69	
	POPULUS FREMONTII	WESTERN COTTONWOOD	15 GAL.	AS SHOWN	181	
	PLATANUS RACEMOSA	CALIFORNIA SYCAMORE	24" BOX/36" BOX	AS SHOWN	52	
	QUERCUS ENGELMANNII	MESA OAK	24" BOX	AS SHOWN	33	

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DATE \_\_\_\_\_

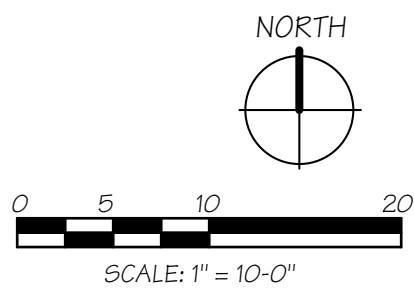
Project Title Palomar North Education Center  
 **Palomar College**  
Learning for Success  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

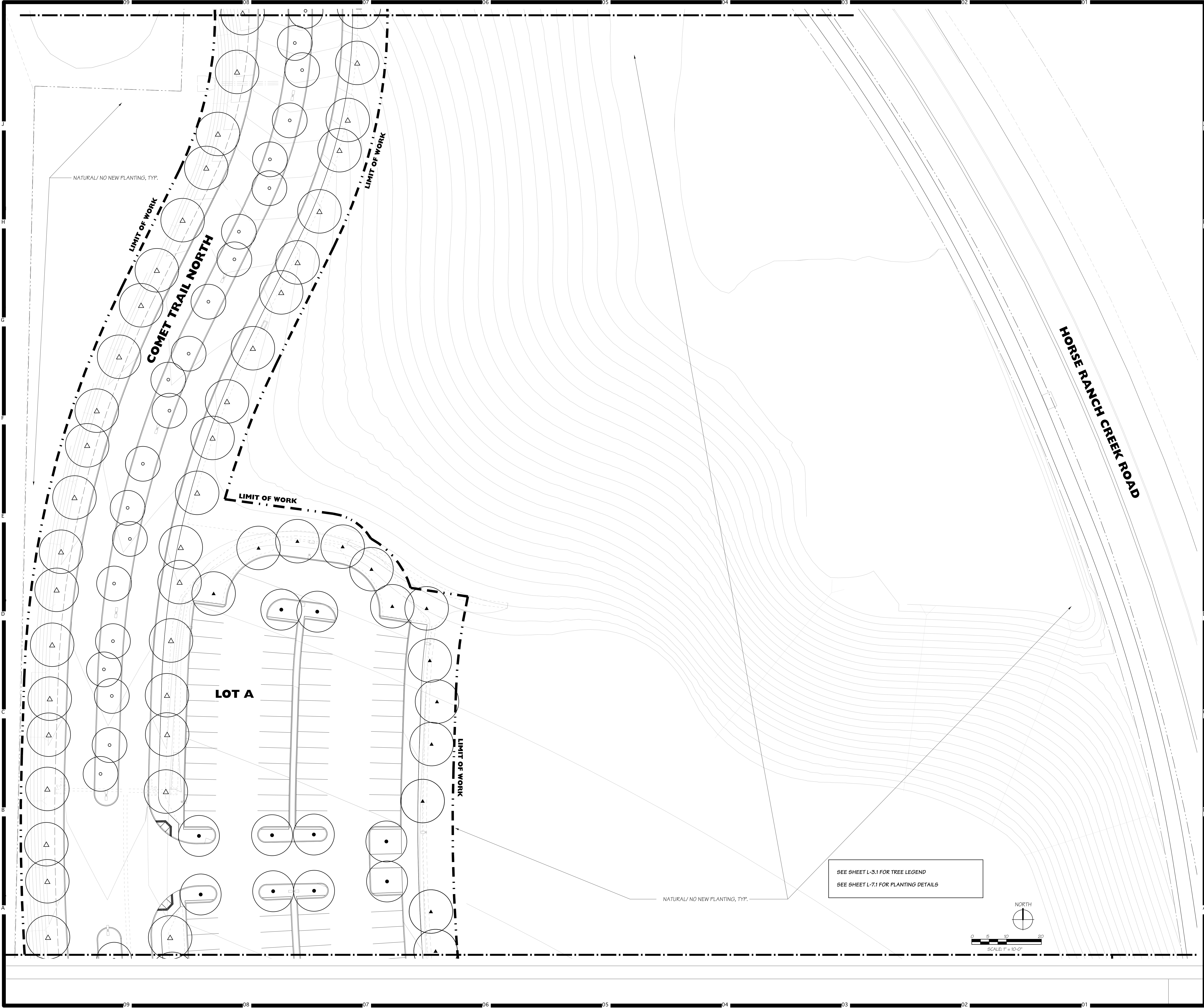
Drawing Title: TREE PLANTING PLAN

	Designed: <b>KEE</b>	Project No. 5015019-102
	Drawn: <b>KEE</b>	Scale: 1"=20'-0"
	QA/QC	Drawing No. <b>L-3.1</b>
	Date: 10/06/2017	

SEE SHEET L-7.1 FOR PLANTING DETAILS







# HMC Architects

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Key Map

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Consultant

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APPL. 04-116580

ACS \_\_\_\_\_ FLS \_\_\_\_\_ SSS \_\_\_\_\_

DATE \_\_\_\_\_

Project Title

**PALOMAR COLLEGE** Palomar North Education Center - Interim Village

35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:

## TREE PLANTINGPLAN

Architect's Seal

Designed: KEE

Drawn: KEE

QA/QC: \_\_\_\_\_

Date: 10/06/2017

Project No. 5015019-102

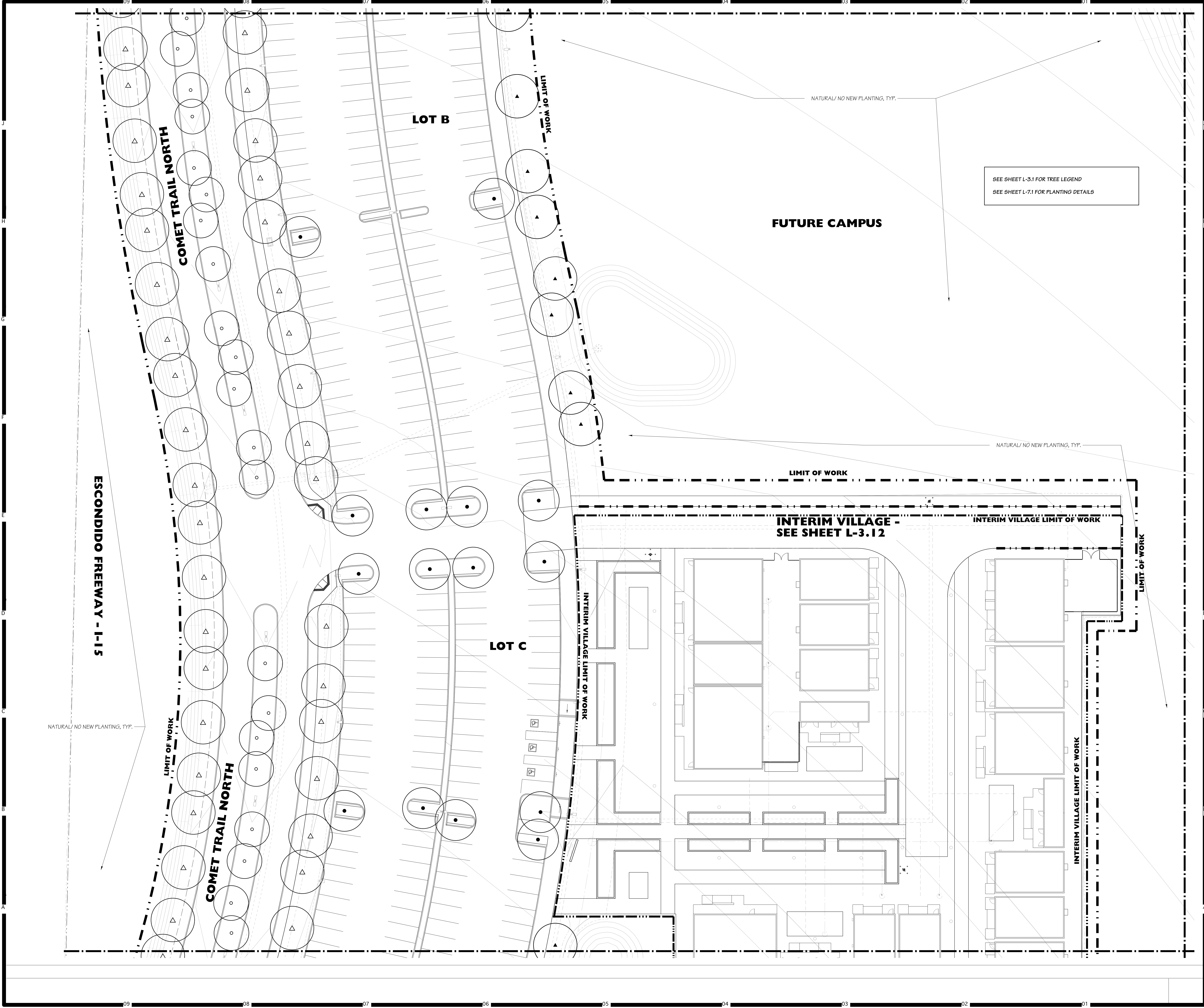
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Drawing No. **L-3.2**

PLEASE RECYCLE

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Consultant Seal

Consultant

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Agency Approval

FILE NO. 37-C1

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DIV. OF THE STATE ARCHITECT

APPL. 04-116580

ACS. FLS. SSS

DATE

Project Title

Palomar North Education Center - Interim Village

**Palomar College**

35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:

**TREE PLANTING PLAN**

Architect's Seal

Designed: KEE

Drawn: KEE

QA/QC: KEE

Date: 10/06/2017

Project No. 5015019-102

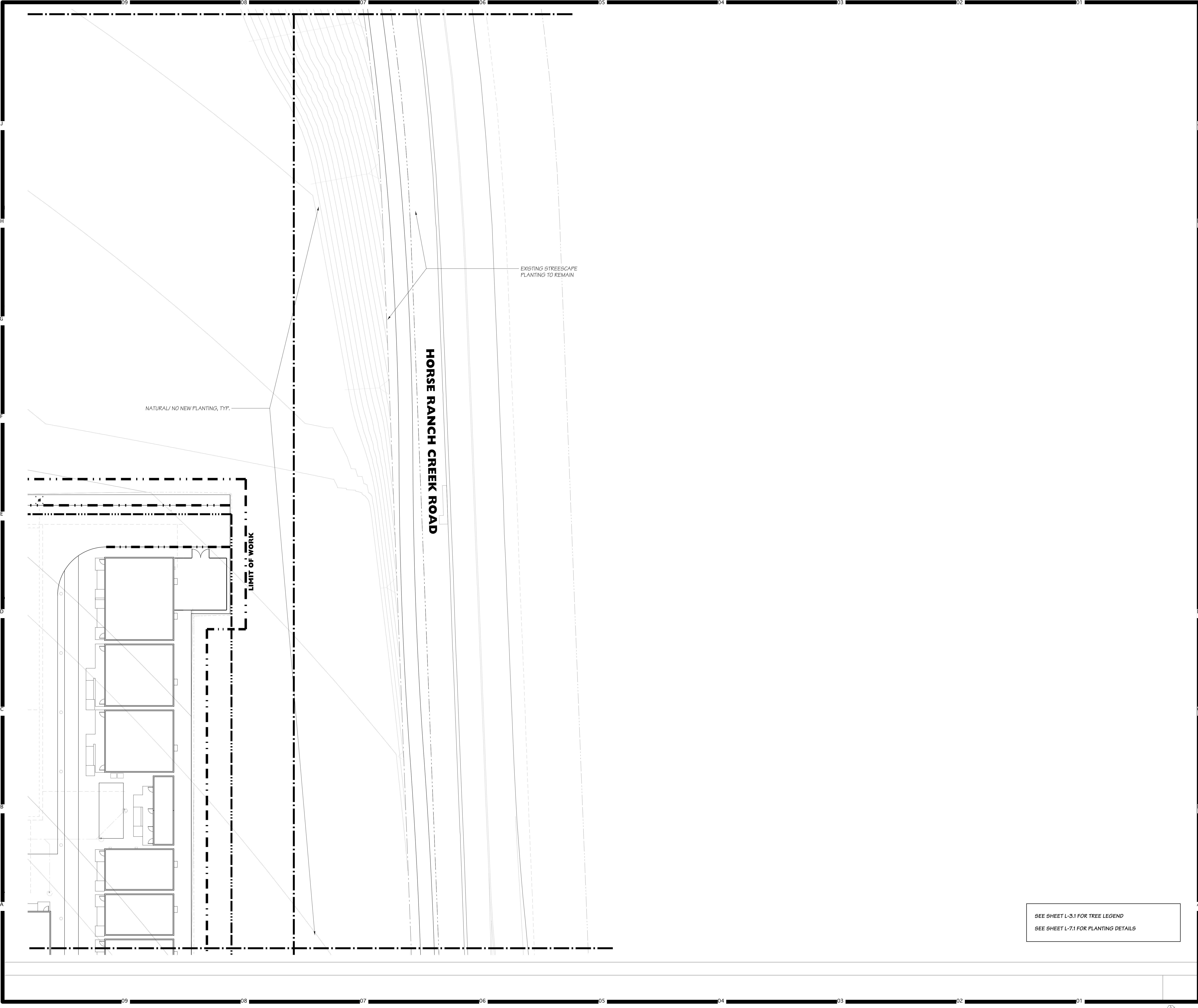
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Drawing No. **L-3.3**

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Architects

3546 Concourse Street / Ontario, CA 91764  
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Key Map

NORTH

Consultant Seal

Consultant

**Design Powell Action Inc.**

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www.dpaengine.com SAN DIEGO, CA 92104

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IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT

APPL. 04-116580

ACS FLS SSS  
DATE

Project Title

Palomar North Education Center - Interim Village

**Palomar College**

35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:

**TREE PLANTING PLAN**

Architect's Seal

Designed: **KEE**

Drawn: **KEE**

QA/QC: **KEE**

Date: 10/06/2017

Project No. 5015019-102

Scale: 1"=20'-0"

Drawing No. **L-3.4**

SEE SHEET L-3.1 FOR TREE LEGEND

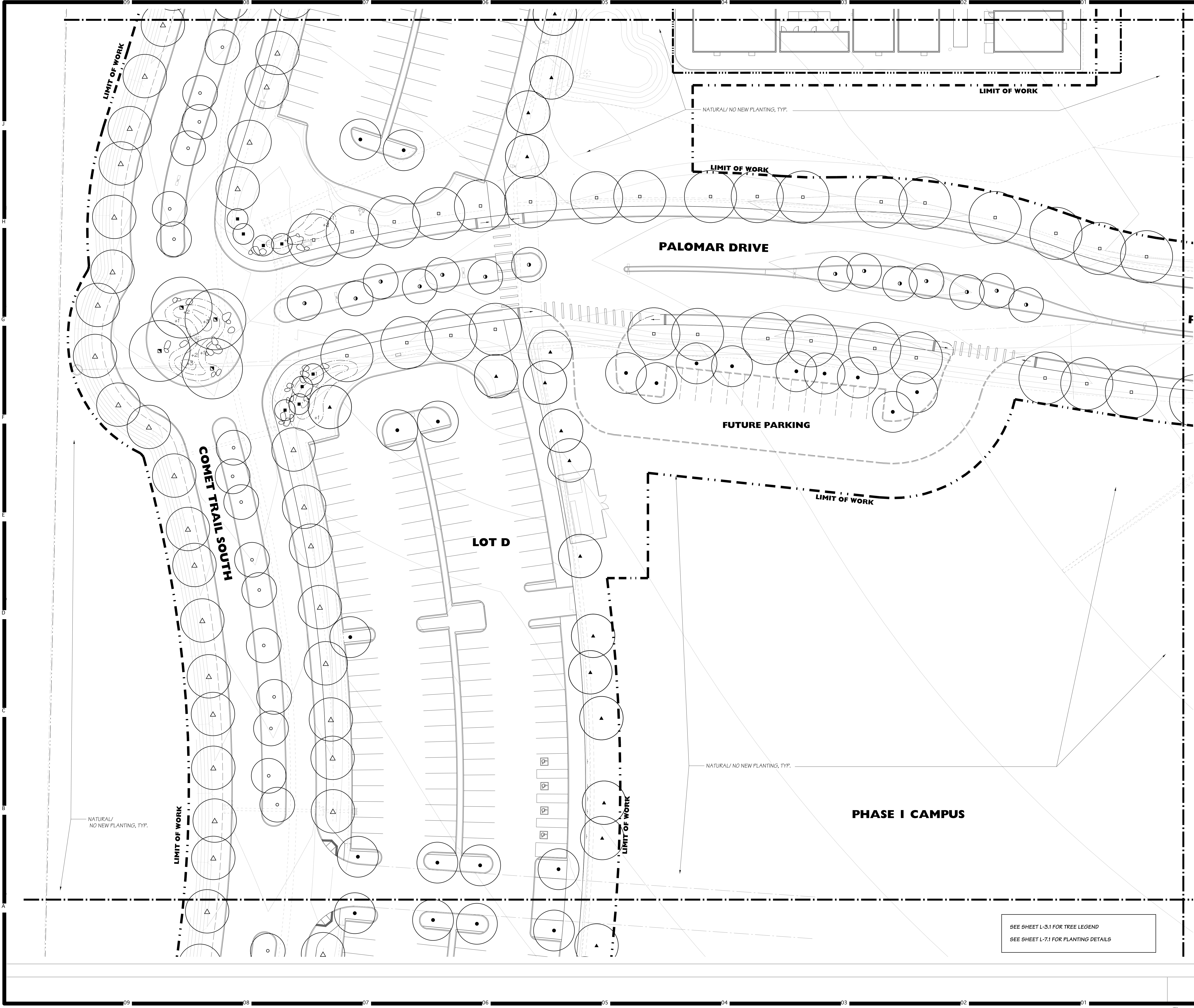
SEE SHEET L-7.1 FOR PLANTING DETAILS

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Key Map

Consultant Seal

Consultant

**David Powell Atelier, Inc.**

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P.O. BOX: 407.241.9862 SAN DIEGO, CA 92104  
WWW: dpaudio.com

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DATE \_\_\_\_\_

Project Title

Palomar North Education Center - Interim Village

**Palomar College**

35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:

**TREE PLANTING PLAN**

Architect's Seal

Designed: **KEE**

Drawn: **KEE**

QA/QC: \_\_\_\_\_

Date: 10/06/2017

Project No. 5015019-102

Scale: 1"=20'-0"

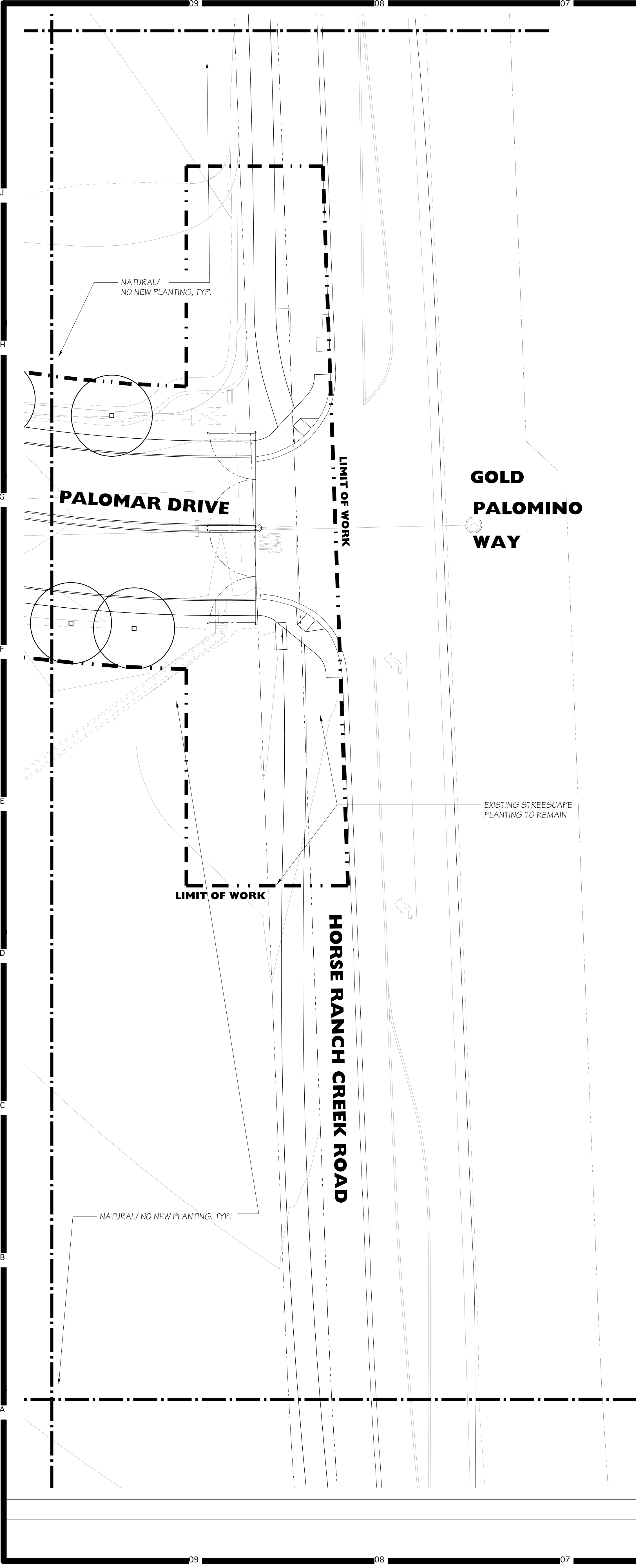
Drawing No. **L-3.5**

SEE SHEET L-3.1 FOR TREE LEGEND  
SEE SHEET L-7.1 FOR PLANTING DETAILS

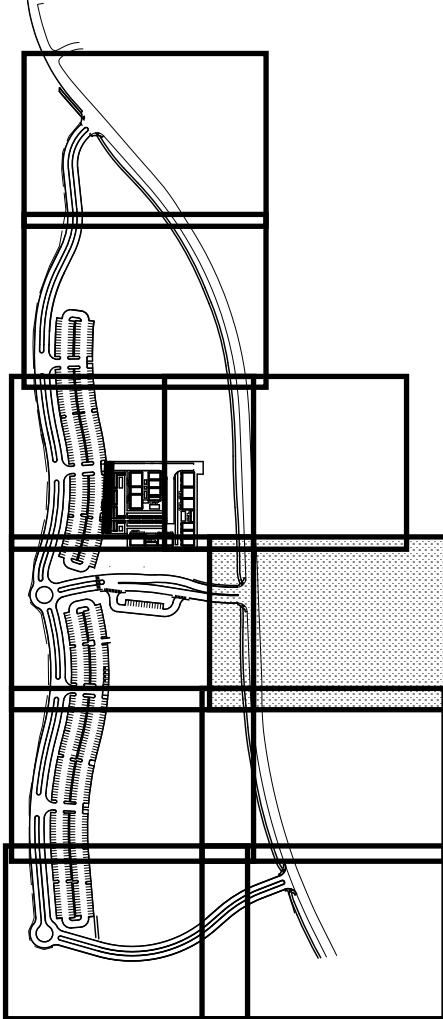
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APPL. 04-116580  
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DATE

Project Title Palomar North Education Center - Interim Village  
**Palomar College**  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

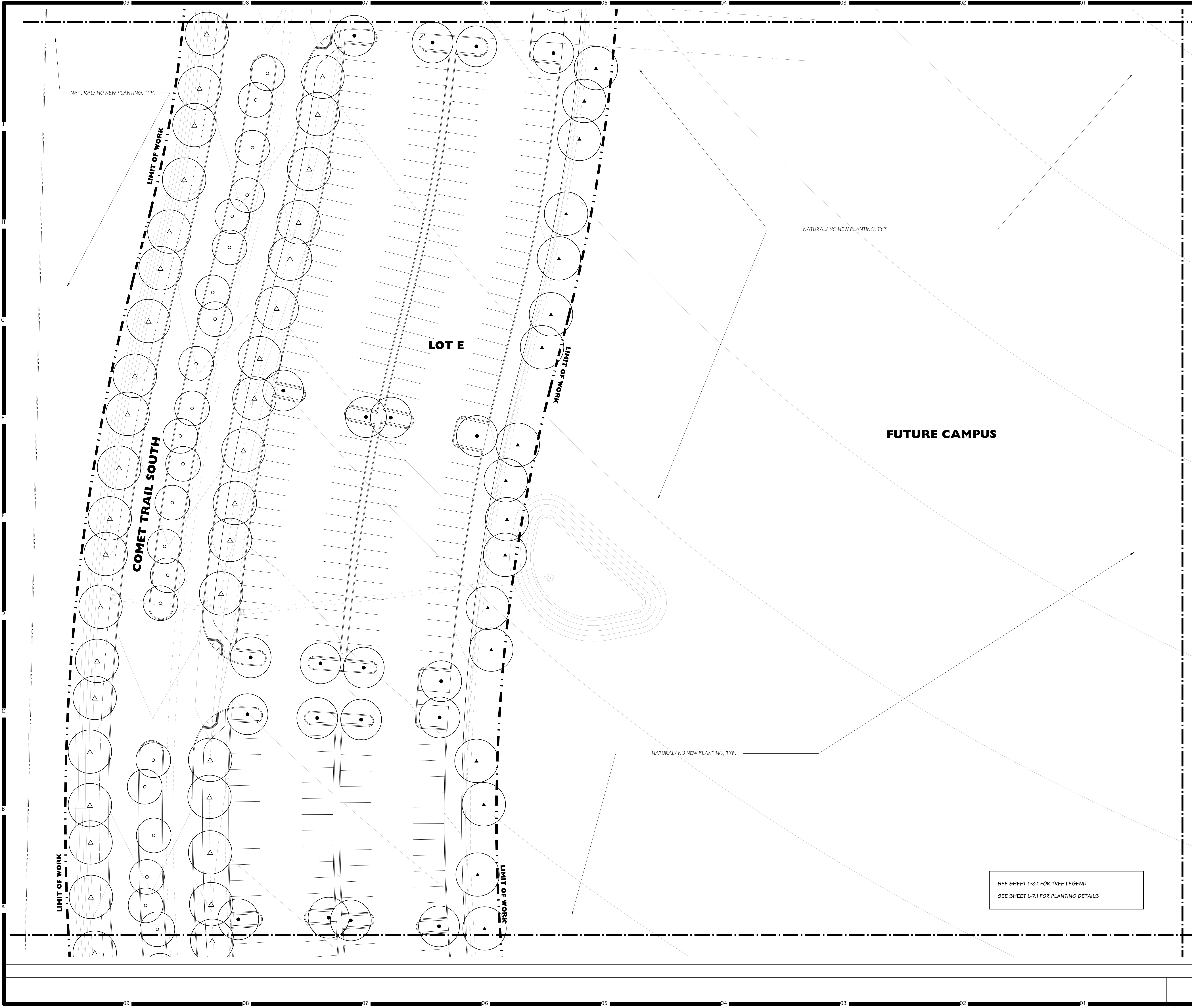
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Architect's Seal 	Designed: KEE	Project No. 5015019-102
	Drawn: KEE	Scale: 1"=20'-0"
	QA/QC:	Drawing No. L-3.6
	Date: 10/06/2017	

SEE SHEET L-3.1 FOR TREE LEGEND  
SEE SHEET L-7.1 FOR PLANTING DETAILS







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Key Map

Consultant Seal

Consultant

**Doreen Powell Atelier Inc.**

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DATE

Project Title

Palomar North Education Center - Interim Village

**Palomar College**  
Learning for Success

35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:

## TREE PLANTING PLAN

Architect's Seal

Designed: KEE

Drawn: KEE

QAQC

Date: 10/06/2017

Project No. 5015019-102

Scale: 1"=20'-0"

Drawing No. **L-3.7**

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SEE SHEET L-3.1 FOR TREE LEGEND  
SEE SHEET L-7.1 FOR PLANTING DETAILS

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Key Map

Consultant Seal

Consultant

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WWW: www.dpdesigns.com

3305 E. CROWN RD. OAK BRIDGE, CA 92104

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DATE \_\_\_\_\_

Project Title

Palomar North Education Center - Interim Village

**Palomar College**

35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:

**TREE PLANTING PLAN**

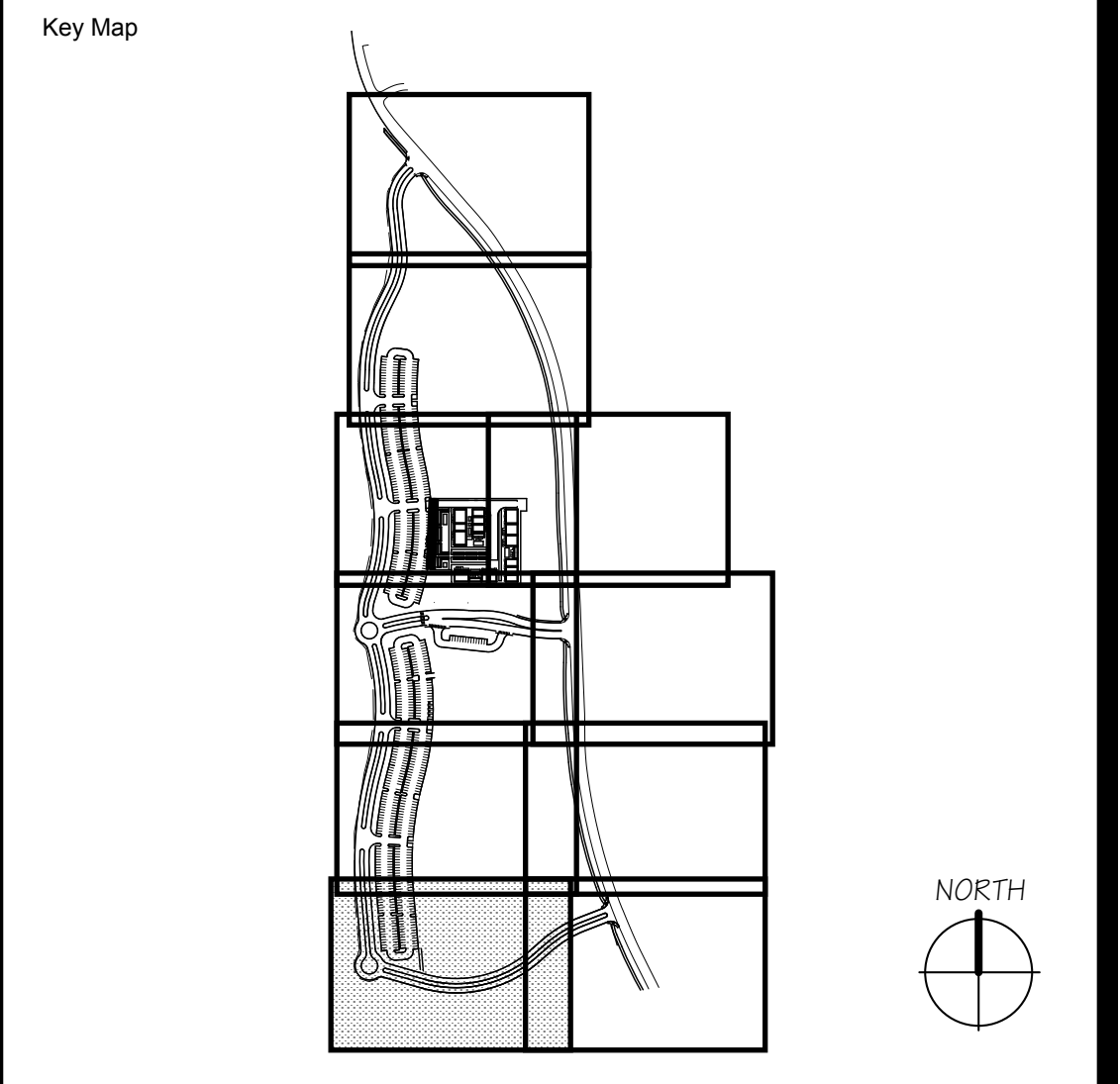
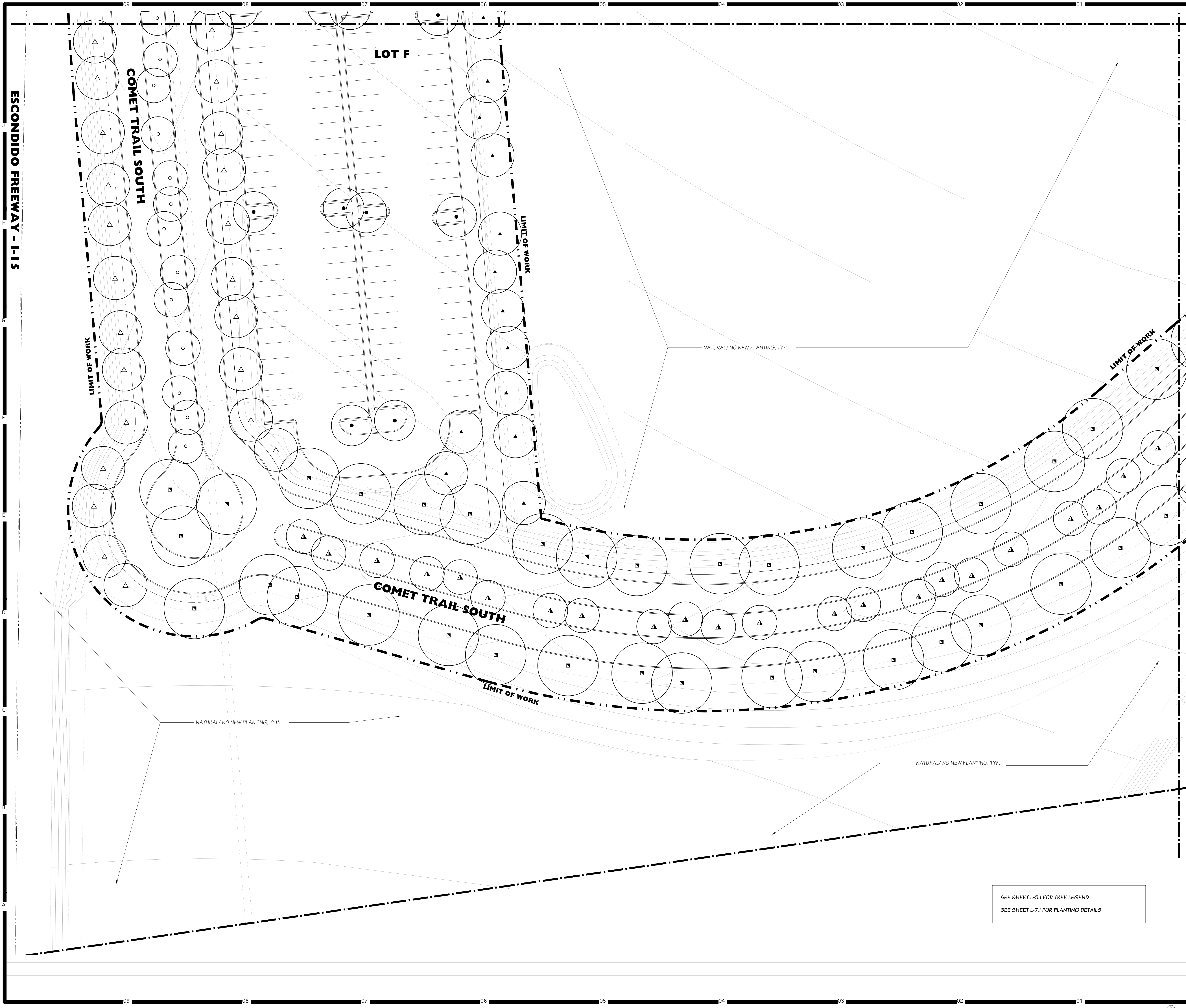
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Designed:	KEE	Project No.	5015019-102
Drawn:	KEE	Scale:	1"=20'-0"
QA/QC		Drawing No.	<b>L-3.8</b>
Date:	10/06/2017		

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Consultant Seal

Consultant

**Denson Powell Atelier, Inc.**

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Project Title

**Palomar College**

Palomar North Education Center - Interim Village

35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:

**TREE PLANTING PLAN**

Architect's Seal

Designed: **KEE**

Drawn: **KEE**

QA/QC

Date: 10/06/2017

Project No. 5015019-102

Scale: 1"=20'-0"

Drawing No. **L-3.9**



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17/001

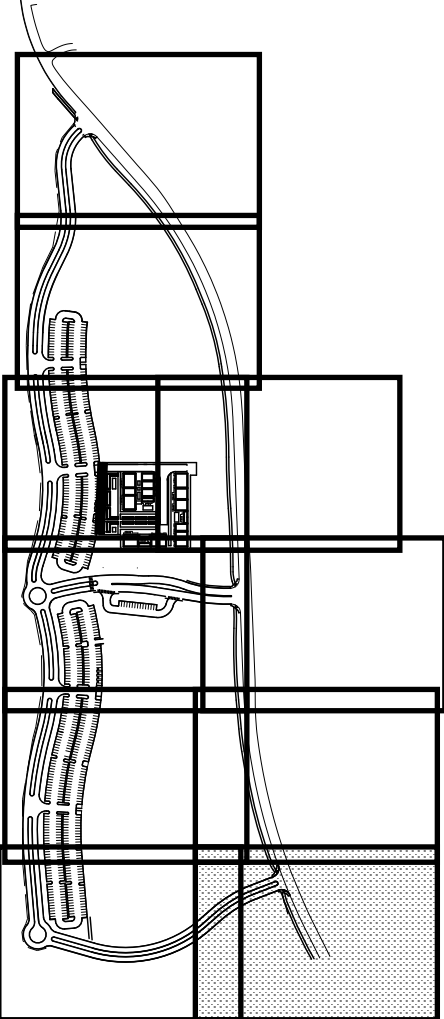


SEE SHEET L-3.1 FOR TREE LEGEND  
SEE SHEET L-7.1 FOR PLANTING DETAILS

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Key Map



Consultant  
**Deneen Powell Atelier Inc.**  
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WWW: www.dpaonline.com SAN DIEGO, CA 92104

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ACS. FLS. SSS.  
DATE

Project Title  
**Palomar College**  
Palomar North Education Center - Interim Village  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:  
**TREE PLANTING PLAN**

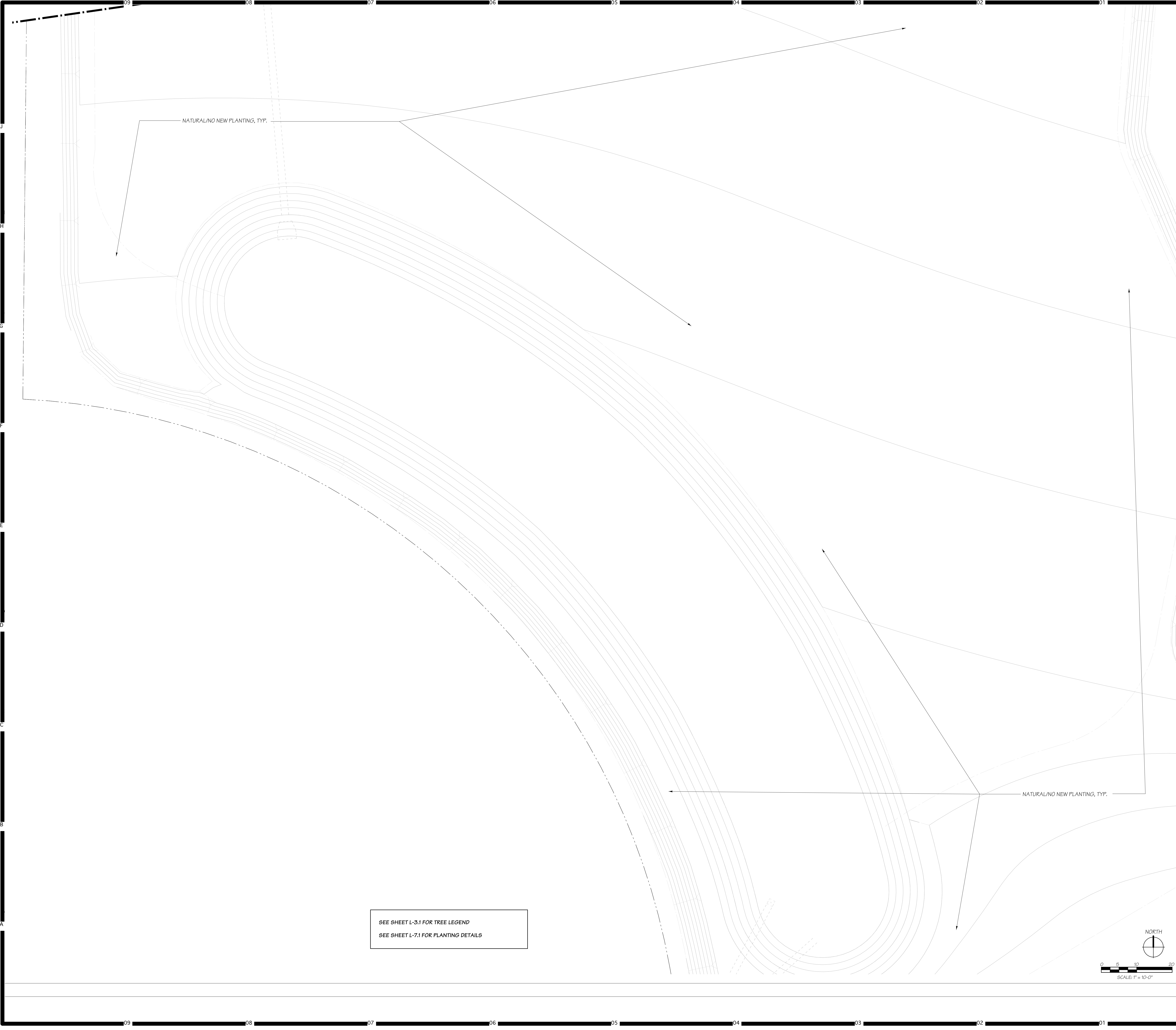


Designed: KEE  
Drawn: KEE  
QA/QC: KEE  
Date: 10/06/2017  
Project No. 5015019-102  
Scale: 1"=20'-0"  
Drawing No. **L-3.10**

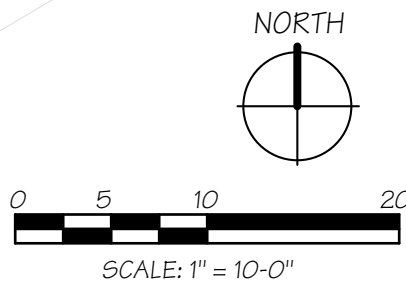
PLEASE RECYCLE

DSA SUBMITTAL





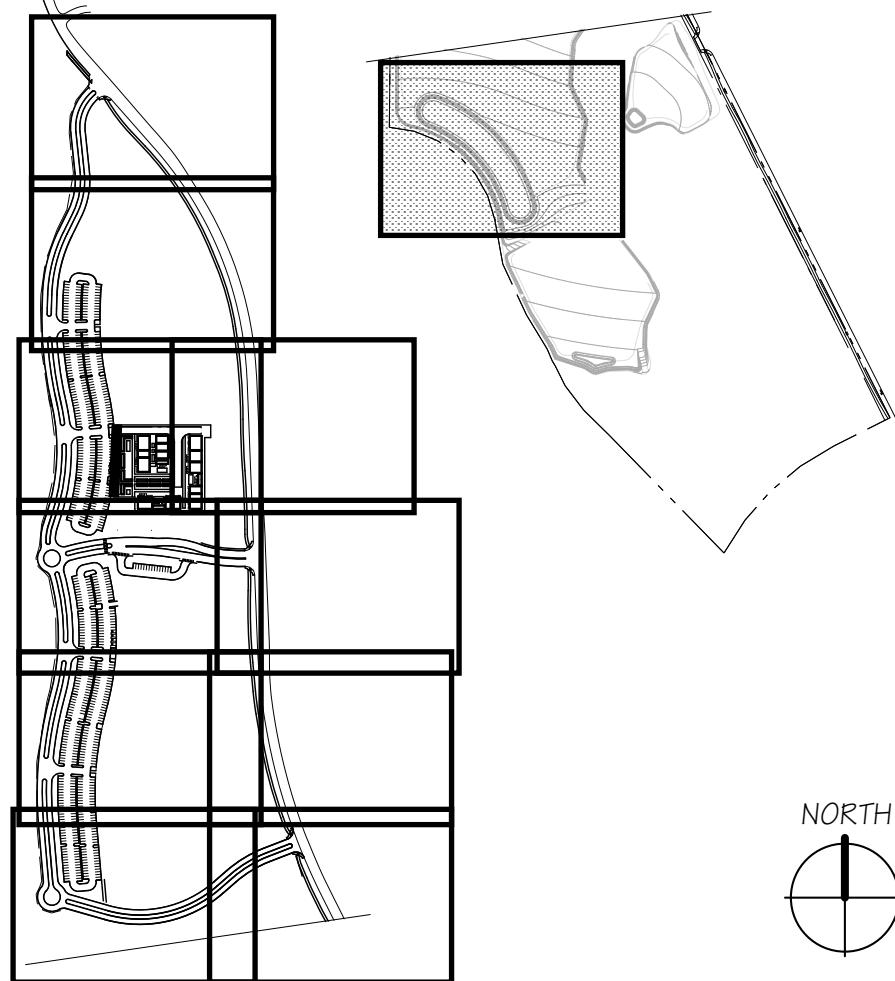
SEE SHEET L-3.1 FOR TREE LEGEND  
SEE SHEET L-7.1 FOR PLANTING DETAILS



HMC Architects

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Key Map



Consultant  
**Daniel Powell Atelier Inc.**  
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Agency Approval FILE NO. 37-C1  
IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APPL. 04-116580  
ACS FLS SSS  
DATE

Project Title  
**Palomar College**  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:  
**TREE PLANTING PLAN**

Architect's Seal 	Designed: <b>KEE</b>	Project No. 5015019-102
	Drawn: <b>KEE</b>	Scale: 1"=20'-0"
	QA/QC:	Drawing No. <b>L-3.11</b>
	Date: 10/06/2017	



TREES LEGEND

SYMBOL	BOTANICAL NAME	LATIN NAME	SIZE	SPACING	QTY.
	CHILOPSIS LINEARIS 'BURGUNDY'	BURGUNDY DESERT WILLOW	24" BOX	AS SHOWN	58
	PARKINSONIA FLORIDA	BLUE PALO VERDE	24" BOX	AS SHOWN	23
	CITRUS X LIMON 'EUREKA'	EUREKA LEMON TREE	15 GAL.	AS SHOWN	5
	CITRUS X PARADISE	RUBY RED GRAPEFRUIT TREE	15 GAL.	AS SHOWN	7
	CITRUS X AURANTIFOLIA	MEXICAN LIME TREE	15 GAL.	AS SHOWN	6
	JUBAEA CHILENSIS	CHILEAN WINE PALM	15 GAL.	AS SHOWN	6
	JUGLANS CALIFORNICA	CALIFORNIA WALNUT	24" BOX	AS SHOWN	18

PLANTING NOTES:

1. TREES BOUGHT AT BOX SIZE SHOWN AND ARE TO BE PUT INTO NEXT LARGER BOX SIZE UNTIL USED FOR PHASE 1 (EXCEPT FOR CHILEAN WINE PALM WHICH WILL BE PLANTED IN THE GROUND, BOXES ARE TO BE 'AMAROO BOXES - 365', AVAIL. AT AMAROOTREEBOXES.COM. COLOR TO BE BLACK.
2. ALL SHRUB AND GROUND COVER AREAS SHALL RECEIVE A 2" LAYER OF WALK ON BARK MULCH.
3. DECORATIVE BOX TO FIT OVER AMAROO TREE BOX, SEE

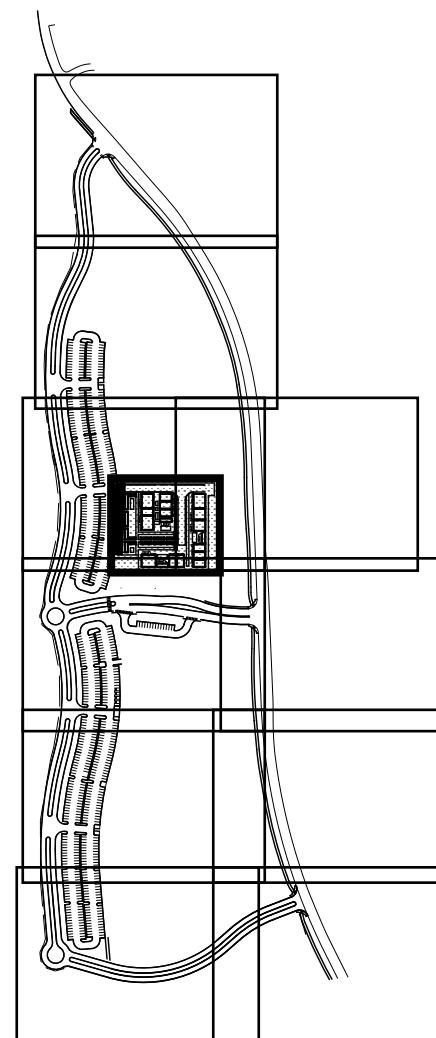
SHRUBS LEGEND

SYMBOL	BOTANICAL NAME	LATIN NAME	SIZE	SPACING	QTY.
	ARCTOSTAPHYLOS UVA-URSI	COMMON BEARBERRY	1 GAL.	4" O.C.	AS NEEDED
	CAREX SPISSA	SAN DIEGO SEDGE	1 GAL.	AS SHOWN	69
	DIANELLA CAERULEA 'CASSA BLUE'	BLUE FLAX LILY	1 GAL.	18" O.C.	AS NEEDED
	LEYMUS CONDENSATUS 'CANYON PRINCE'	SAN DIEGO WILD RYE	5 GAL.	AS SHOWN	88
	MUHLENBERGIA C. 'REGAL MIST'	PINK MUHLY	5 GAL.	AS SHOWN	48
	MUHLENBERGIA RIGENS	DEER GRASS	1 GAL.	AS SHOWN	8
	PUNICA GRANATUM 'NANA'	DWARF POMEGRANATE	5 GAL.	AS SHOWN	48
	MONARDELLA VILLOSA	COYOTE MINT	1 GAL.	12" O.C.	AS NEEDED
	CARPENTERIA CALIFORNICA	BUSH ANEMONE	5 GAL.	AS SHOWN	5
	SALVIA APIANA	WHITE SAGE	5 GAL.	AS SHOWN	16
	SALVIA CLEVELANDII 'WINNEFRED GILMAN'	BLUE SAGE	1 GAL.	AS SHOWN	34
	ZAUSCHNERIA CALIFORNICA	CALIFORNIA FUCHSIA	1 GAL.	18" O.C.	AS NEEDED

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Key Map



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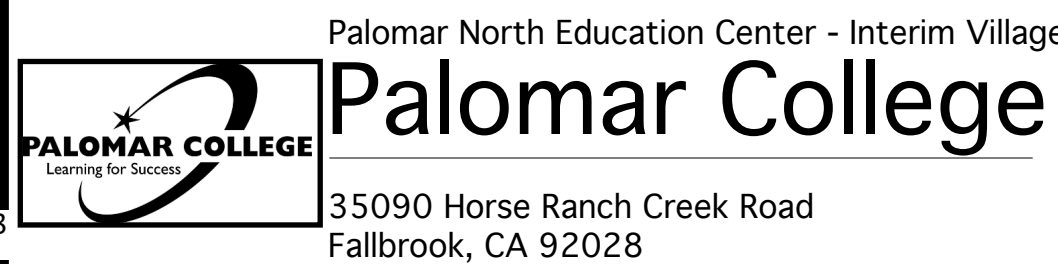


Consultant



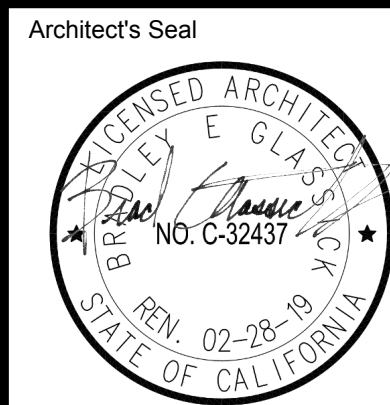
Agency Approval FILE NO. 37-C1  
IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APPL. 04-116580  
ACS \_\_\_\_\_ FLS \_\_\_\_\_ SSS \_\_\_\_\_  
DATE \_\_\_\_\_

Project Title



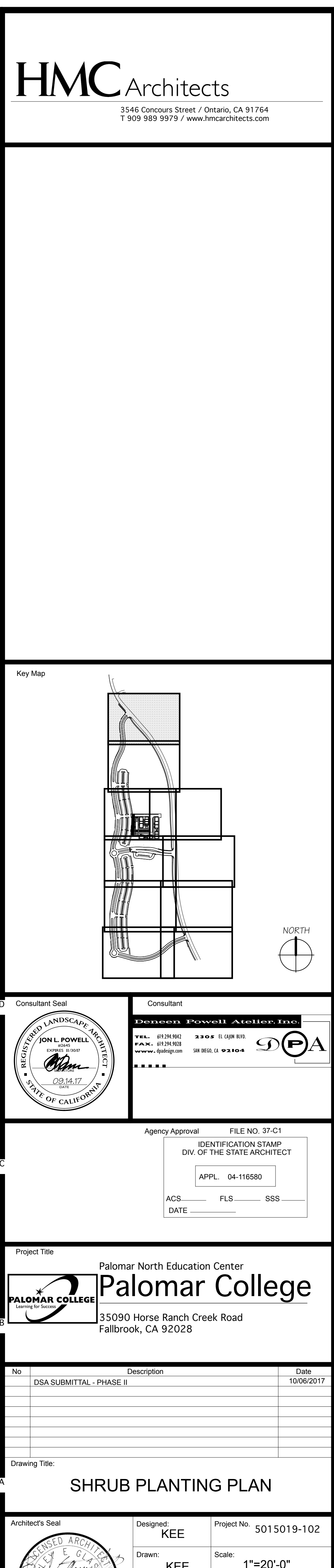
No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:  
**LANDSCAPE PLANTING PLAN-  
INTERIM VILLAGE**



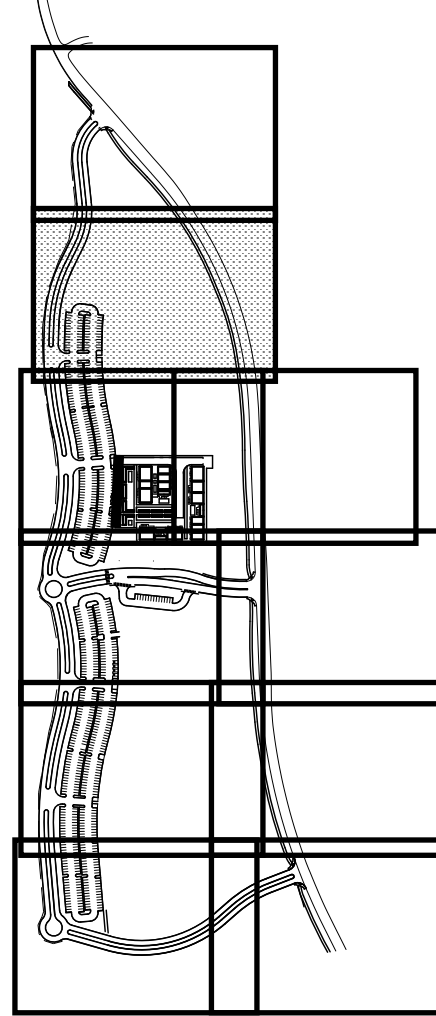
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Drawn: <b>KEE</b>	Scale: 1"=10'-0"
QA/QC	Drawing No. <b>L-3.12</b>
Date: 10/06/2017	







Key Map



Consultant Seal



Consultant



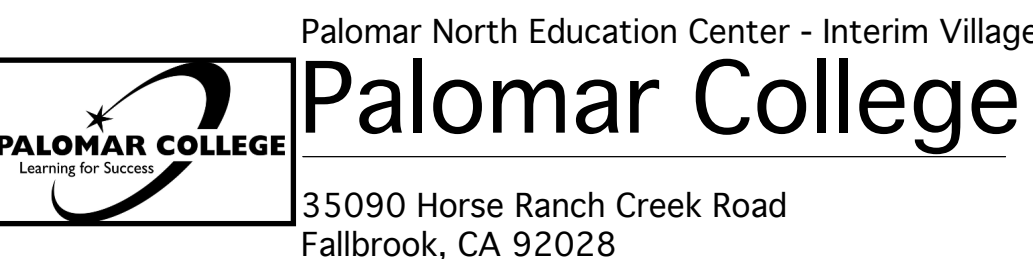
Agency Approval FILE NO. 37-C1

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DIV. OF THE STATE ARCHITECT

APPL. 04-116580

ACS \_\_\_\_\_ FLS \_\_\_\_\_ SSS \_\_\_\_\_  
DATE \_\_\_\_\_

Project Title



No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:

SHRUB PLANTING PLAN

Architect's Seal



Designed:

KEE

Project No. 5015019-102

Drawn:

KEE

Scale: 1"=20'-0"

QA/QC

Drawing No.

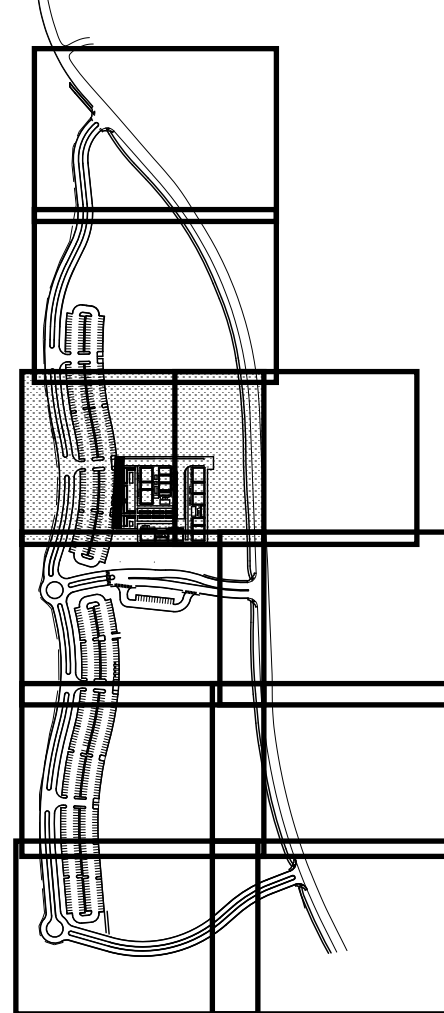
L-4.2

Date:

10/06/2017



Key Map



Agency Approval FILE NO. 37-C1  
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DIV. OF THE STATE ARCHITECT  
APPL. 04-116580  
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DATE

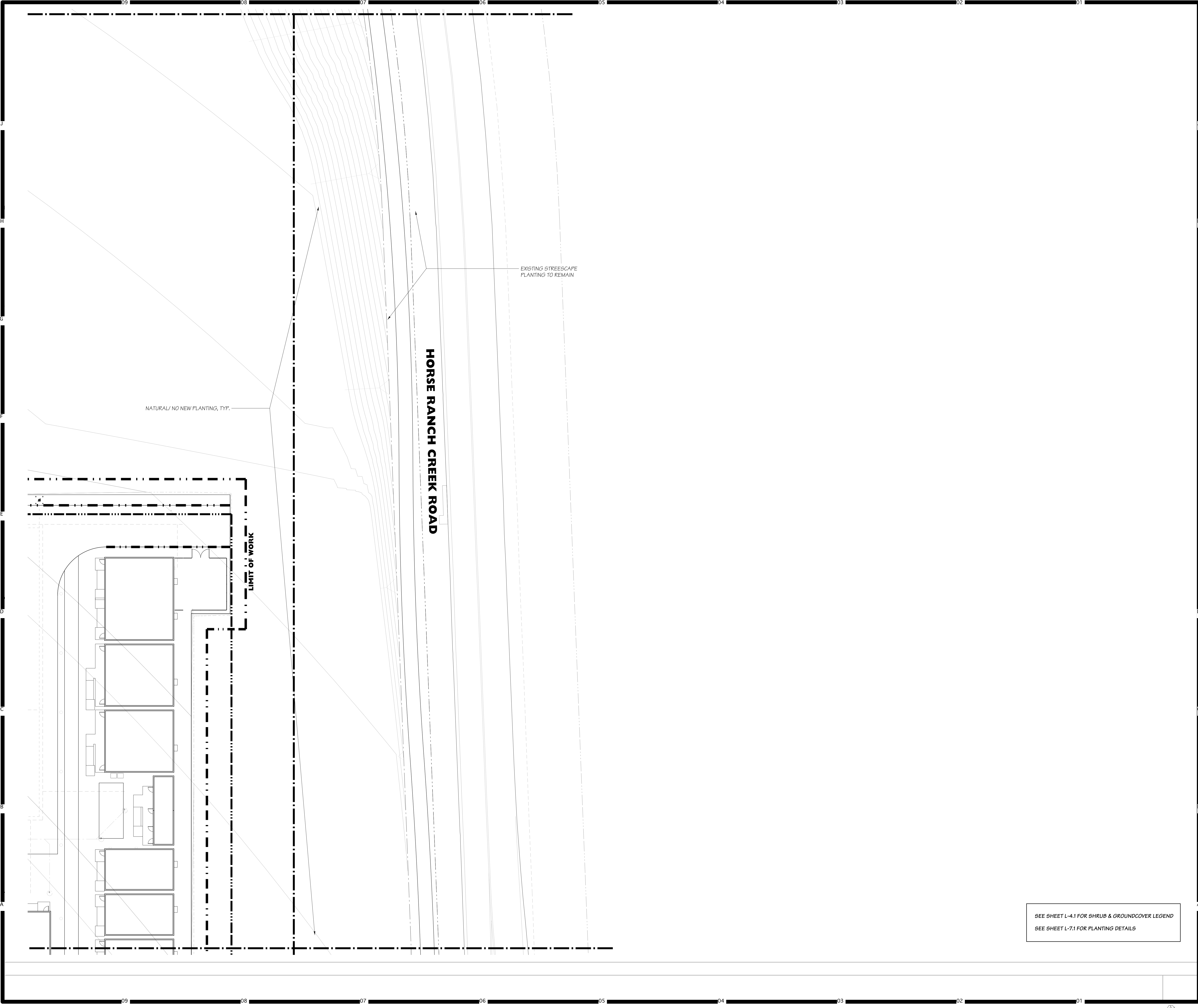
Project Title  
**Palomar North Education Center - Interim Village**  
**Palomar College**  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:  
**SHRUB PLANTING PLAN**

Architect's Seal 	Designed: <b>KEE</b>	Project No.: 5015019-102
	Drawn: <b>KEE</b>	Scale: 1"=20'-0"
	QA/QC: <b>KEE</b>	Drawing No.: <b>L-4.3</b>
	Date: 10/06/2017	





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Key Map

NORTH

Consultant Seal

Consultant

**Design Powell Action Inc.**

TEL: 951.291.9862 FAX: 951.291.9828  
WWW: dpainc.com SAN DIEGO, CA 92104

Agency Approval

FILE NO. 37-C1

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APPL. 04-116580

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DATE

Project Title

Palomar North Education Center - Interim Village

**Palomar College**

35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:

**SHRUB PLANTING PLAN**

Architect's Seal

Designed: KEE

Drawn: KEE

QA/QC:

Date: 10/06/2017

Project No. 5015019-102

Scale: 1"=20'-0"

Drawing No. **L-4.4**

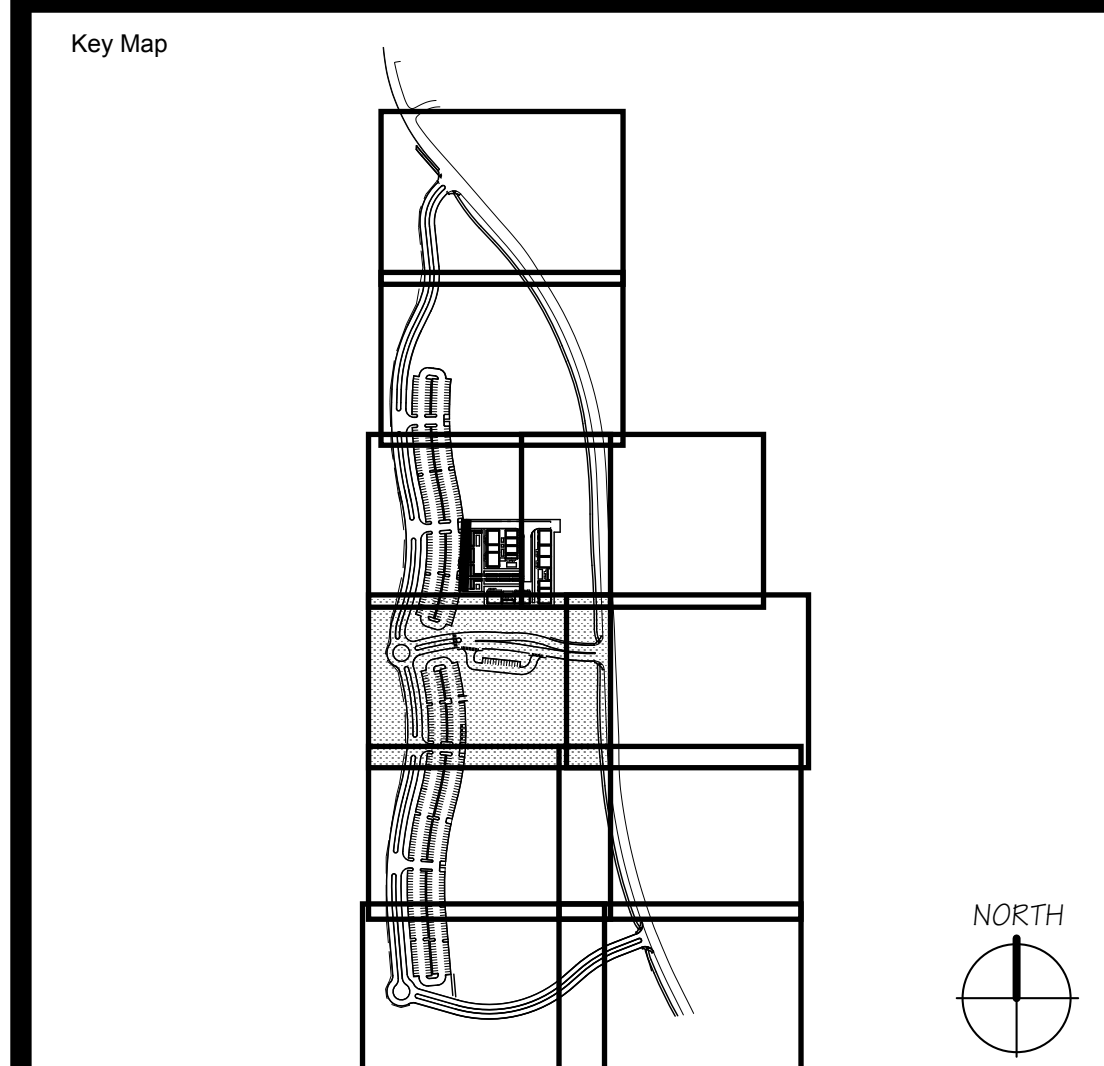
SEE SHEET L-4.1 FOR SHRUB & GROUND COVER LEGEND

SEE SHEET L-7.1 FOR PLANTING DETAILS

PLEASE RECYCLE

DSA SUBMITTAL






**Deneen Powell Atelier, Inc.**

TEL. 619.294.9042      2305 EL CAJON BLVD.  
FAX. 619.294.9038  
www.dpadesign.com      SAN DIEGO, CA 92104




Agency Approval	FILE NO. 37-C1	
IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT		
APPL. 04-116580		
ACS	FLS	SSS
DATE		

Project Title	Palomar North Education Center - Interim Village
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	35090 Horse Ranch Creek Road
	Fallbrook, CA 92028

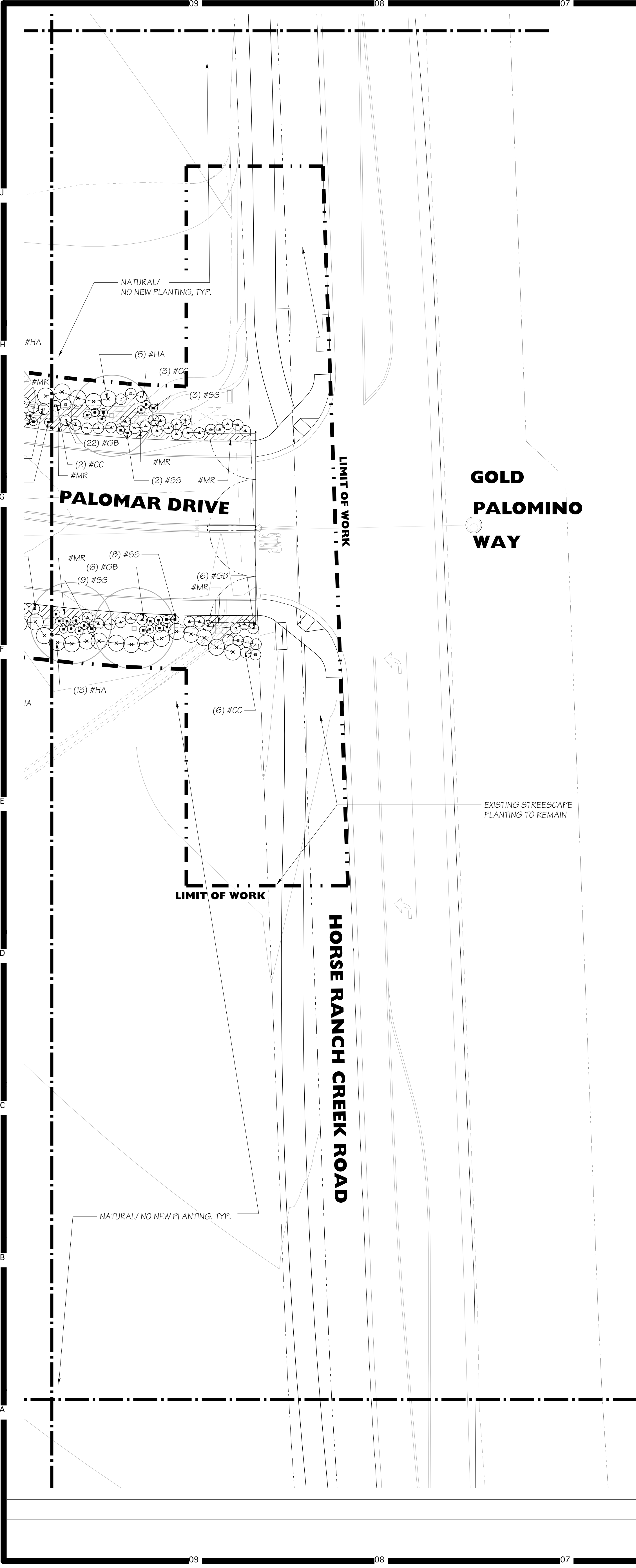
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Drawing Title:

A SHRUB PLANTING PLAN

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	KEE	Drawn:	Scale:
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	Date:	10/06/2017	

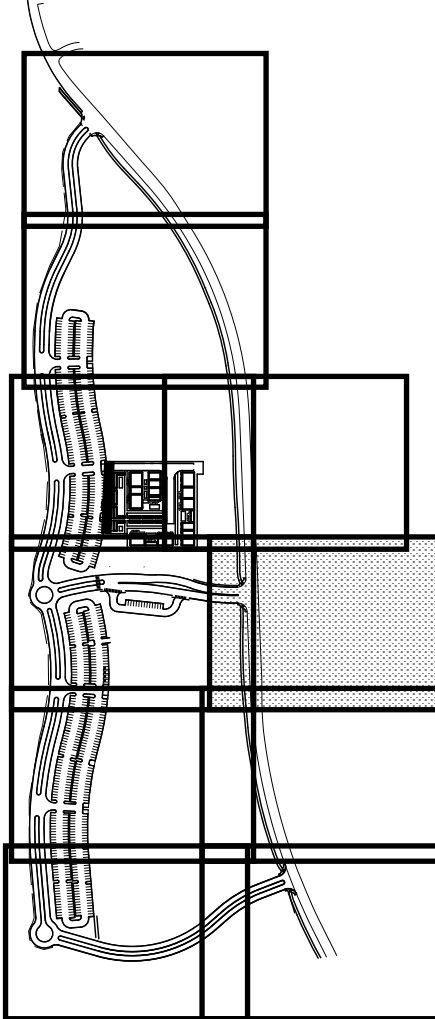




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DATE

Project Title Palomar North Education Center - Interim Village  
**Palomar College**  
Learning for Success  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:

**SHRUB PLANTING PLAN**



Designed: KEE Project No. 5015019-102  
Drawn: KEE Scale: 1"=20'-0"  
QA/QC: Drawing No. **L-4.6**  
Date: 10/06/2017

SEE SHEET L-4.1 FOR SHRUB & GROUND COVER LEGEND  
SEE SHEET L-7.1 FOR PLANTING DETAILS

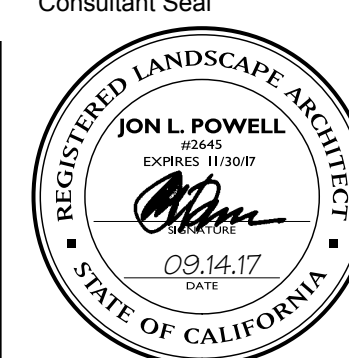


DSA SUBMITTAL









Consultar

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FAX. 619.294.9038  
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APPL. 04-116580

ACS \_\_\_\_\_ FLS \_\_\_\_\_ SSS \_\_\_\_\_  
DATE \_\_\_\_\_

Project Title

Palomar North Education Center - Interim Village



Palomar College

35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

[illegible]

	Drawing Title

SHRUB PLANTING PLAN



Designed:  
**KFF**

REL

Drawn: KEE

0406

QALY

Date:

Project No. 5015019-102

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Scale: 1"=20'-0"

Drawing No.

Drawing No.

**L-4.8**



ESCONDIDO FREEWAY - I-15

LOT F

COMET TRAIL SOUTH

COMET TRAIL SOUTH

LIMIT OF WORK

LIMIT OF WORK

LIMIT OF WORK

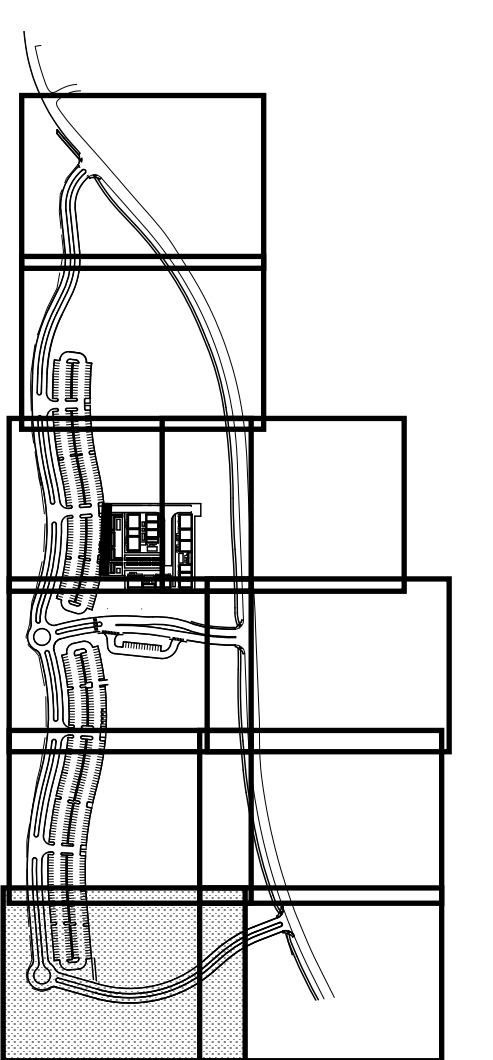
NATURAL/ NO NEW PLANTING, TYP.

NATURAL/ NO NEW PLANTING, TYP.

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Key Map



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**Densen Powell Atelier Inc.**  
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FAX: 913-341-1803 SAN DIEGO, CA 92104  
www.dpsa.com

Agency Approval FILE NO. 37-C1  
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DIV. OF THE STATE ARCHITECT  
APPL. 04-116580  
ACS FLS SSS  
DATE

Project Title  
**Palomar College**  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:  
**SHRUB PLANTING PLAN**

Architect's Seal  
**Palomar College**  
NO. C-32437  
STATE OF CALIFORNIA

Designed: **KEE**  
Project No. 5015019-102

Drawn: **KEE**  
Scale: 1"=20'-0"

QA/QC:  
Drawing No. **L-4.9**

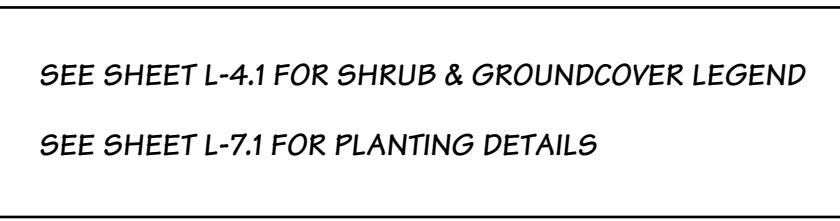
Date: 10/06/2017


PLEASE RECYCLE

DSA SUBMITTAL

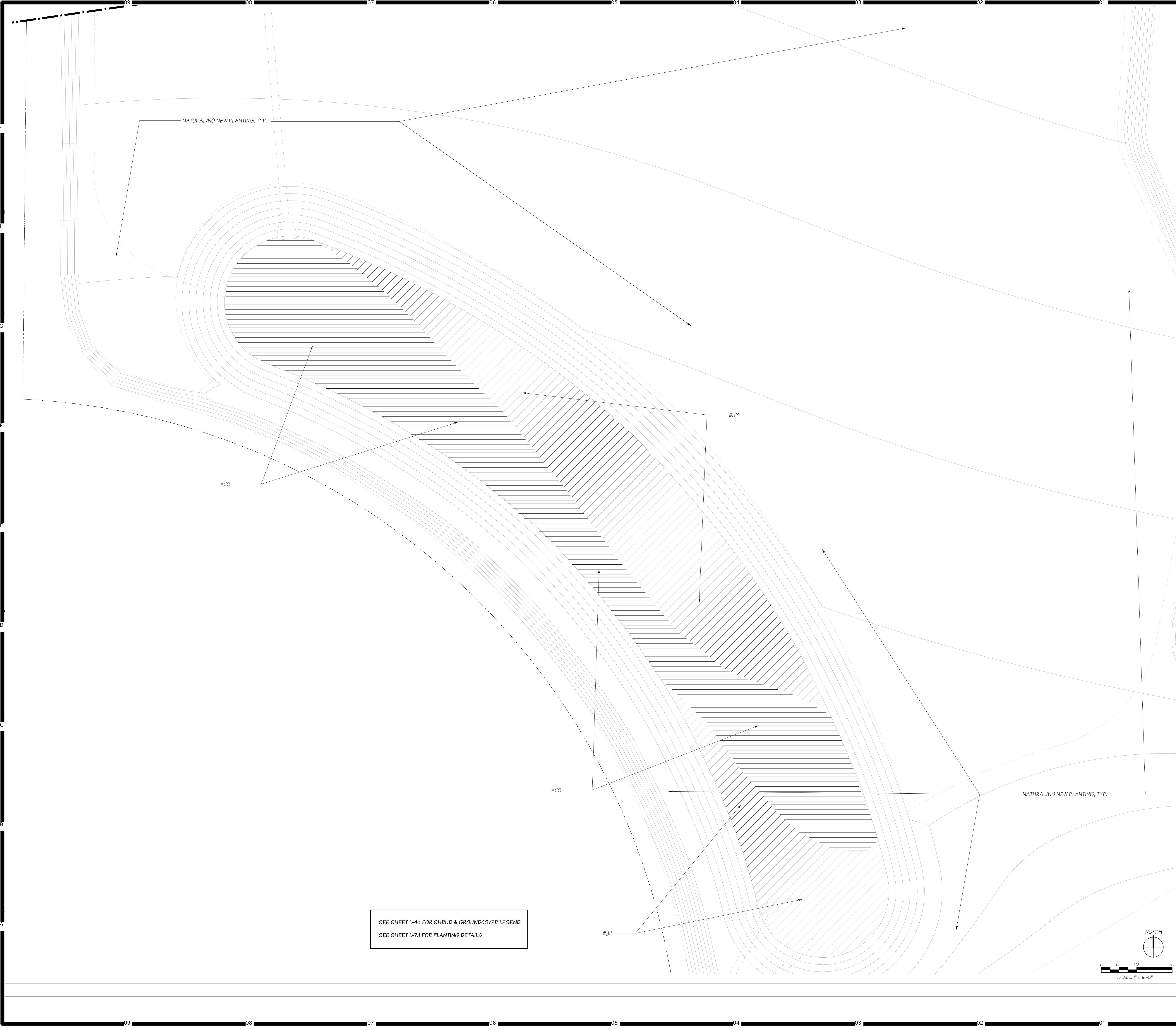
SEE SHEET L-4.1 FOR SHRUB & GROUND COVER LEGEND  
SEE SHEET L-7.1 FOR PLANTING DETAILS



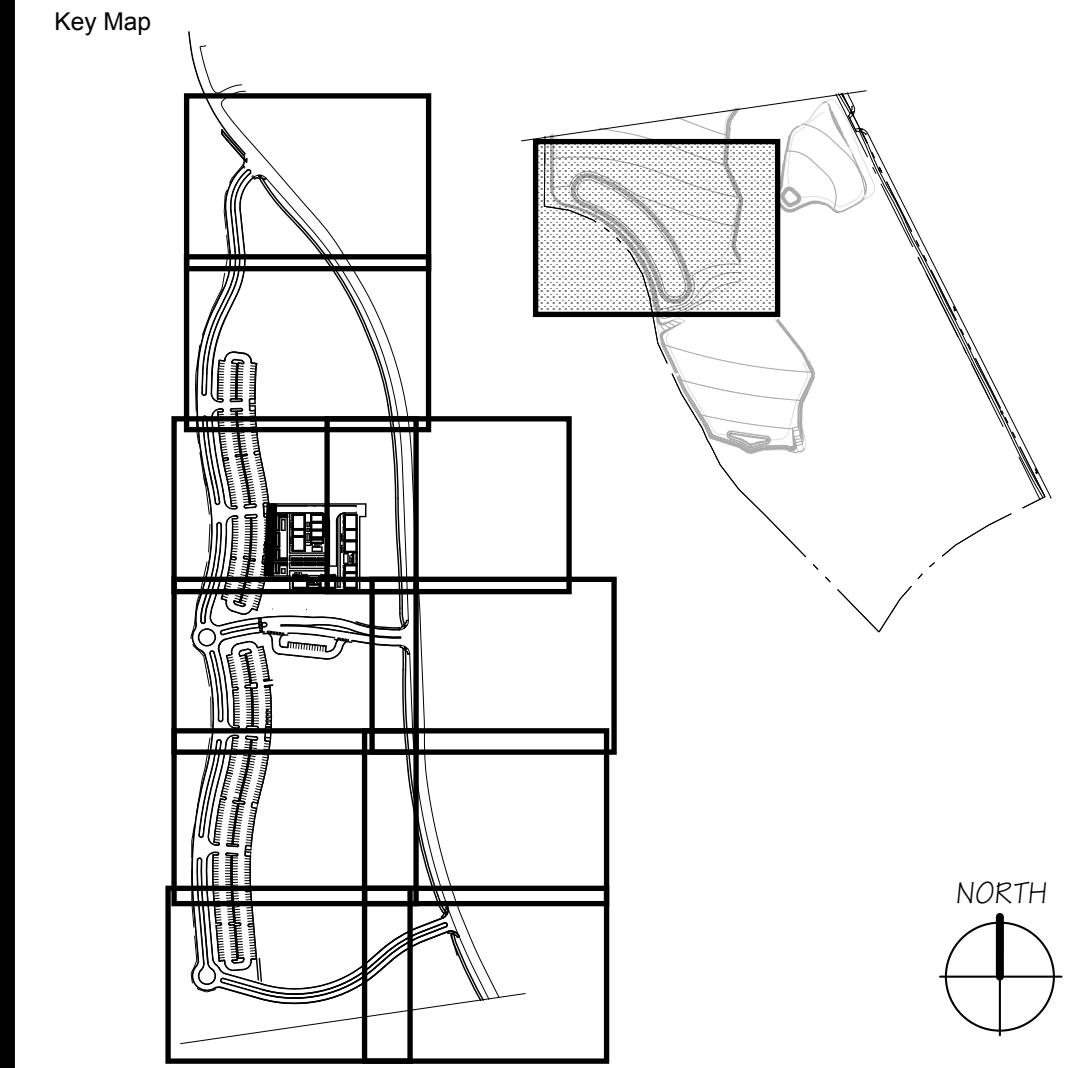


Architect's Seal 	Designed: <b>KEE</b>	Project No. 5015019-102
	Drawn: <b>KEE</b>	Scale: 1"=20'-0"
	QA/QC	Drawing No. <b>L-4.10</b>
	Date: 10/06/2017	





SEE SHEET L-4.1 FOR SHRUB & GROUND COVER LEGEND  
SEE SHEET L-7.1 FOR PLANTING DETAILS



Consultant Seal

Consultant

**Daniel Powell Atelier Inc.**

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WWW: dpa.com SAN DIEGO, CA 92104

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Project Title

Palomar North Education Center

**Palomar College**

35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:

**SHRUB PLANTING PLAN**

Architect's Seal

Designed: KEE

Drawn: KEE

QA/QC:

Date: 10/06/2017

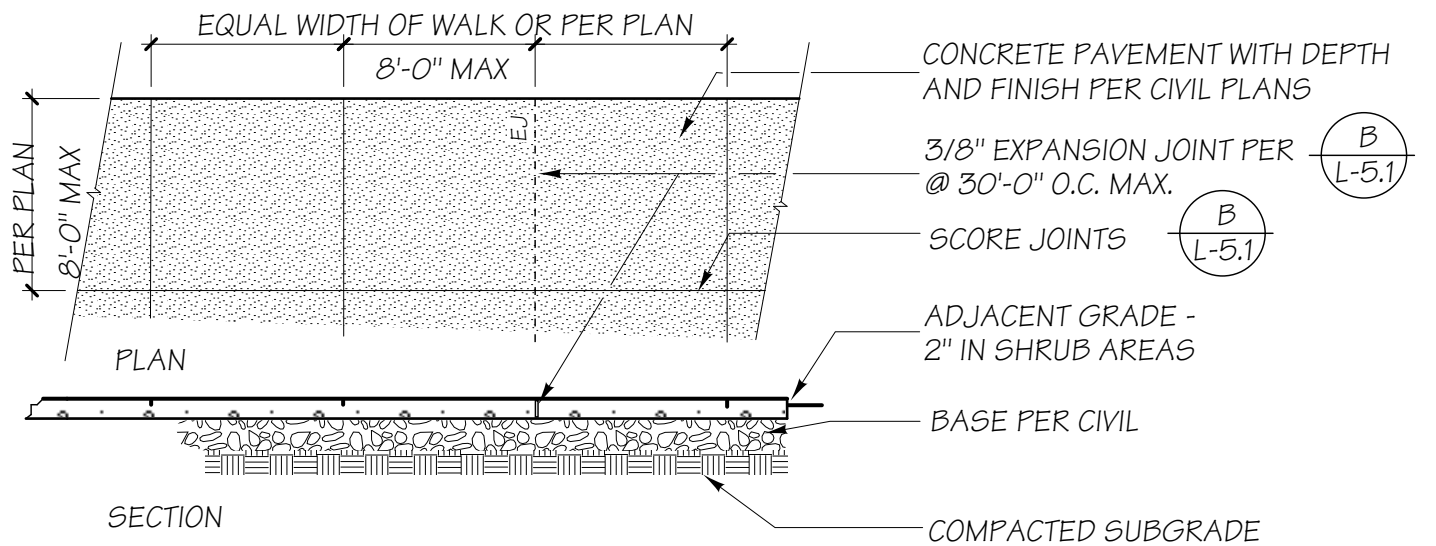
Project No. 5015019-102

Scale: 1"=20'-0"

Drawing No.

**L-4.11**



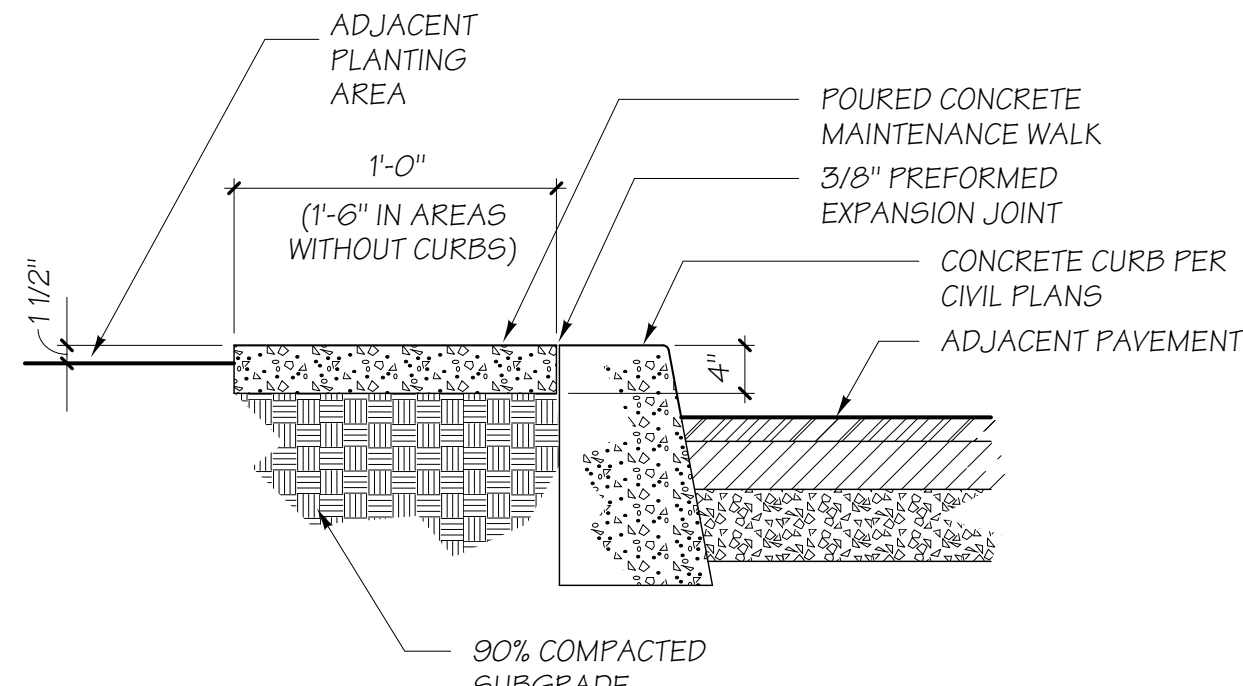


PLAN SYMBOL	DEPTH	COLOR	FINISH	OTHER NOTES
12	PER CIVIL	NATURAL GRAY	LT. BROOM*	REINF. PER CIVIL
15	PER CIVIL	NATURAL GRAY	LT. BROOM*	REINF. PER CIVIL
32	PER CIVIL	NATURAL GRAY	MEDIUM BROOM (RAMP PATH)	REINF. PER CIVIL

\*PERPENDICULAR TO FLOW OF TRAFFIC

## A CONCRETE PAVING SCHEDULE

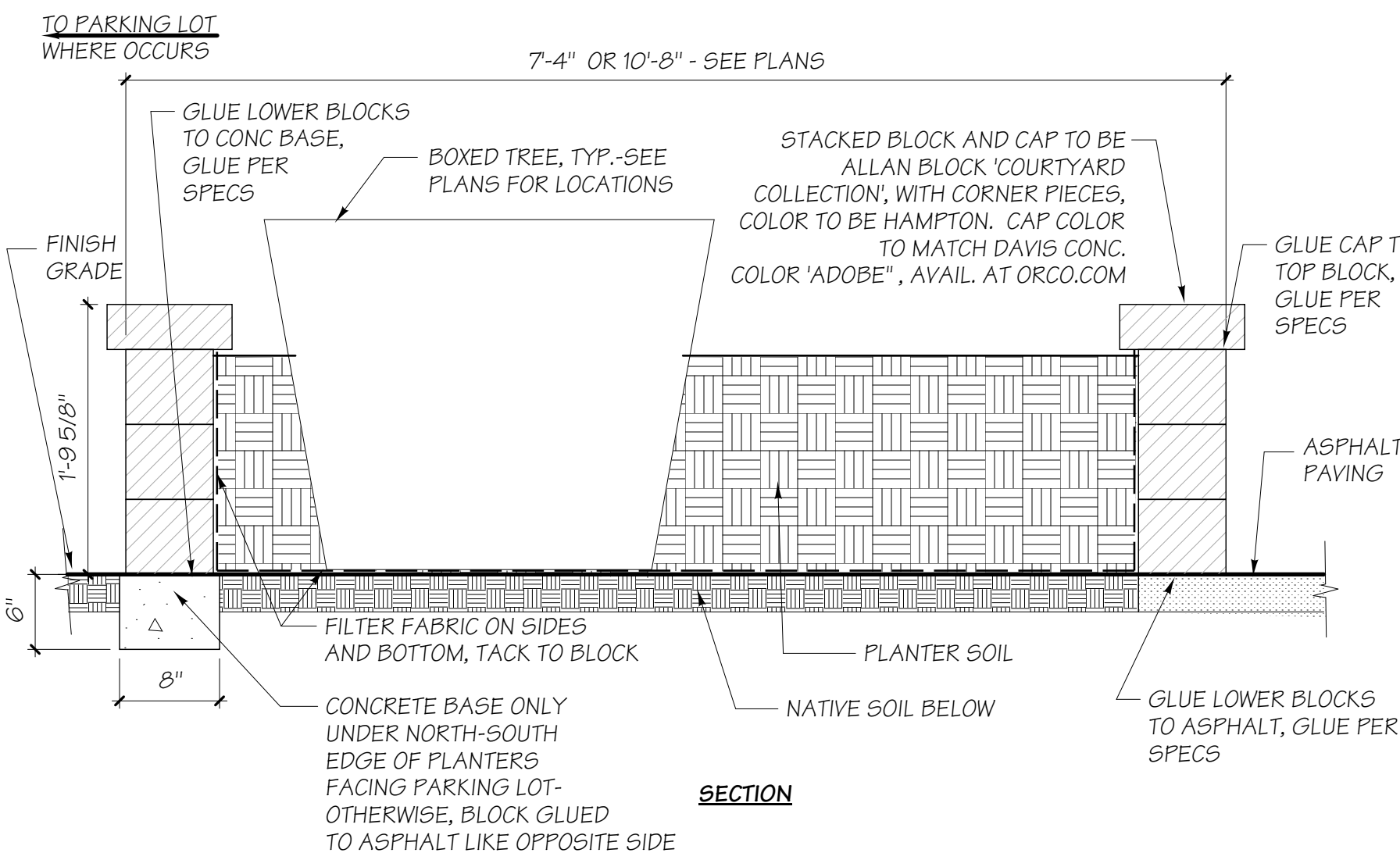
NO SCALE



- NOTE**
1. MAINTENANCE WALK TO BE NATURAL GRAY CONCRETE, LIGHT BROOM FINISH.
  2. PROVIDE 1/4" x 1 1/4" DEEP TOOLED JOINTS AT 4' O.C. MAX.

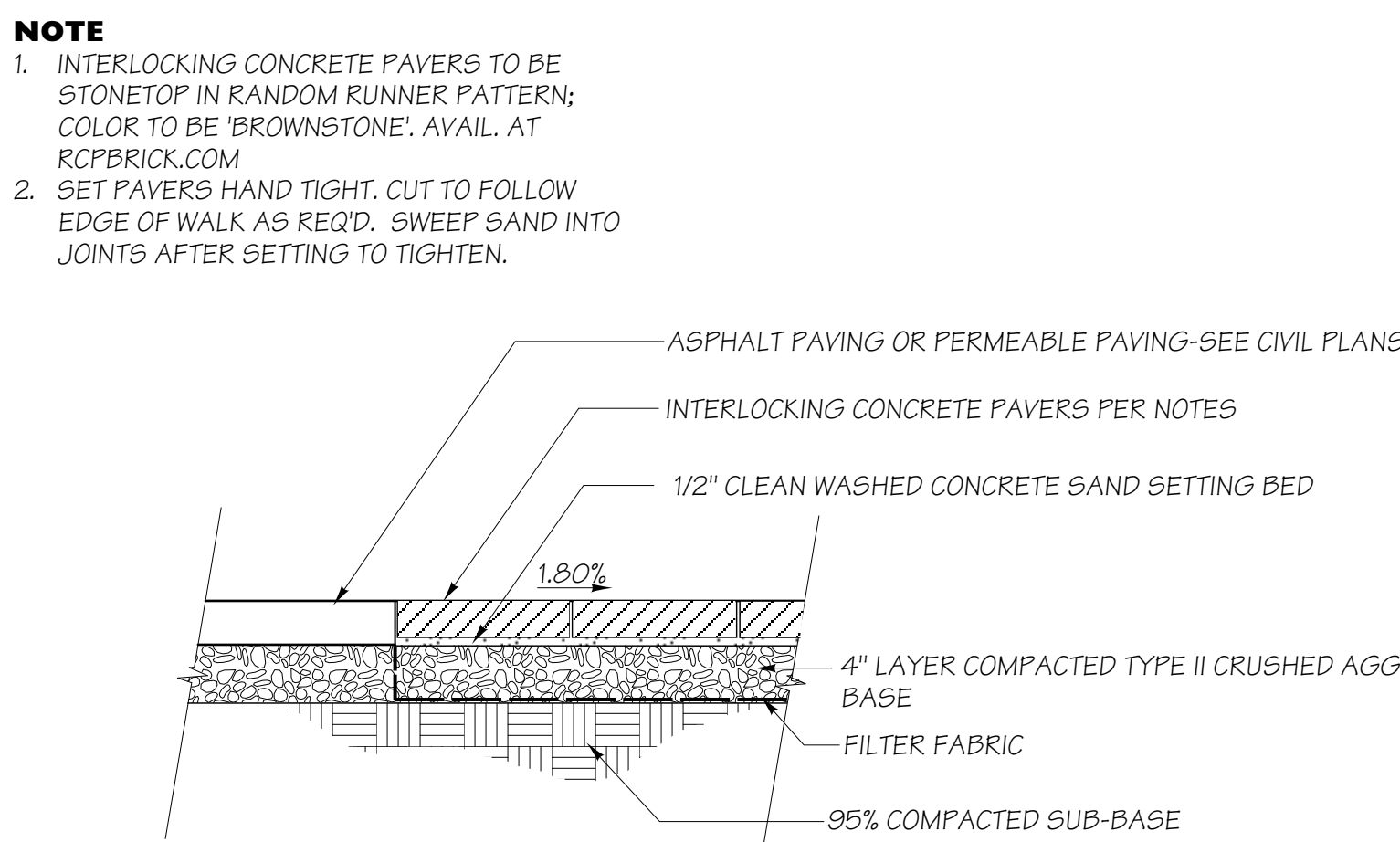
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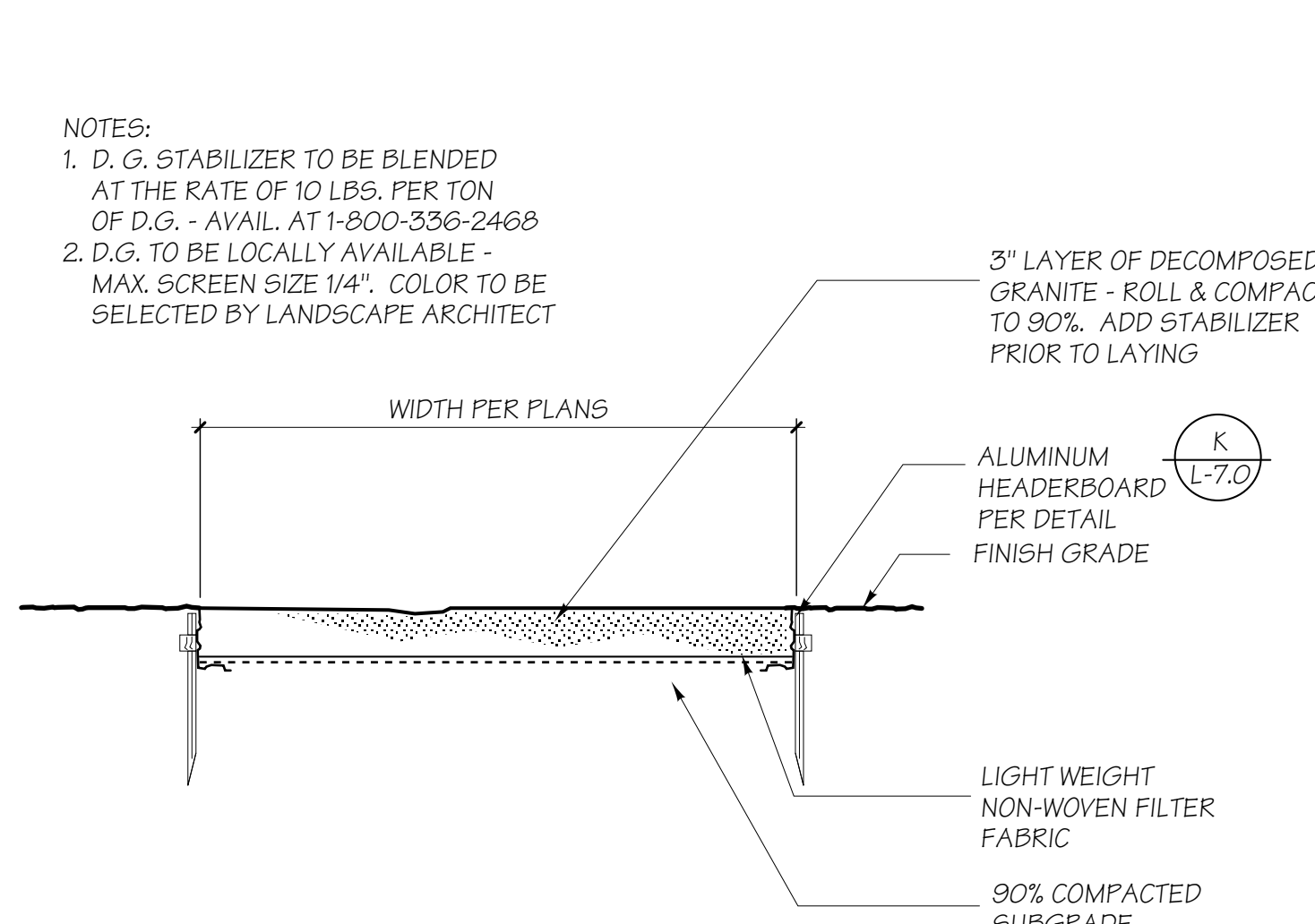
## H RAISED BLOCK PLANTERS

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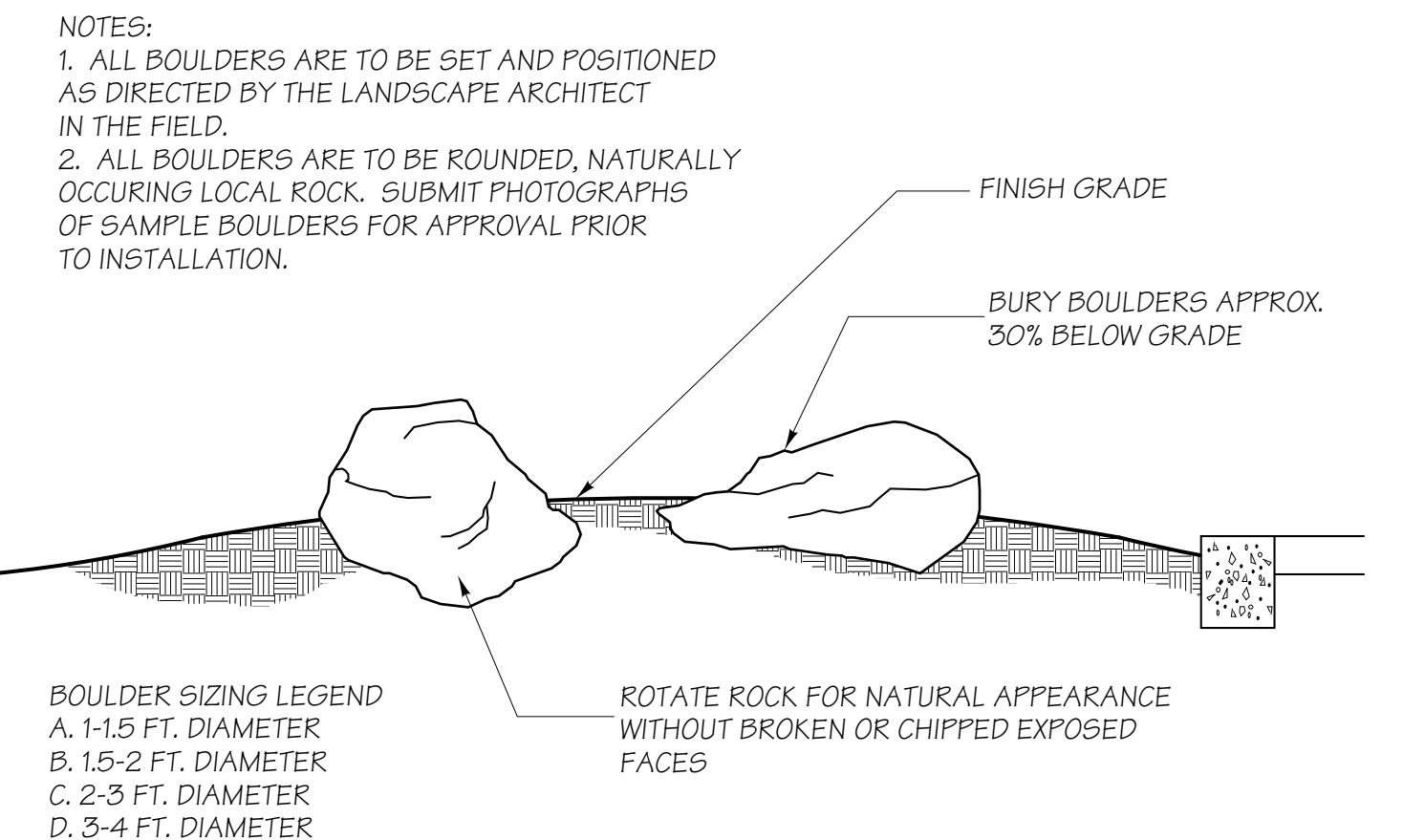
## I INTERLOCKING CONCRETE PAVERS

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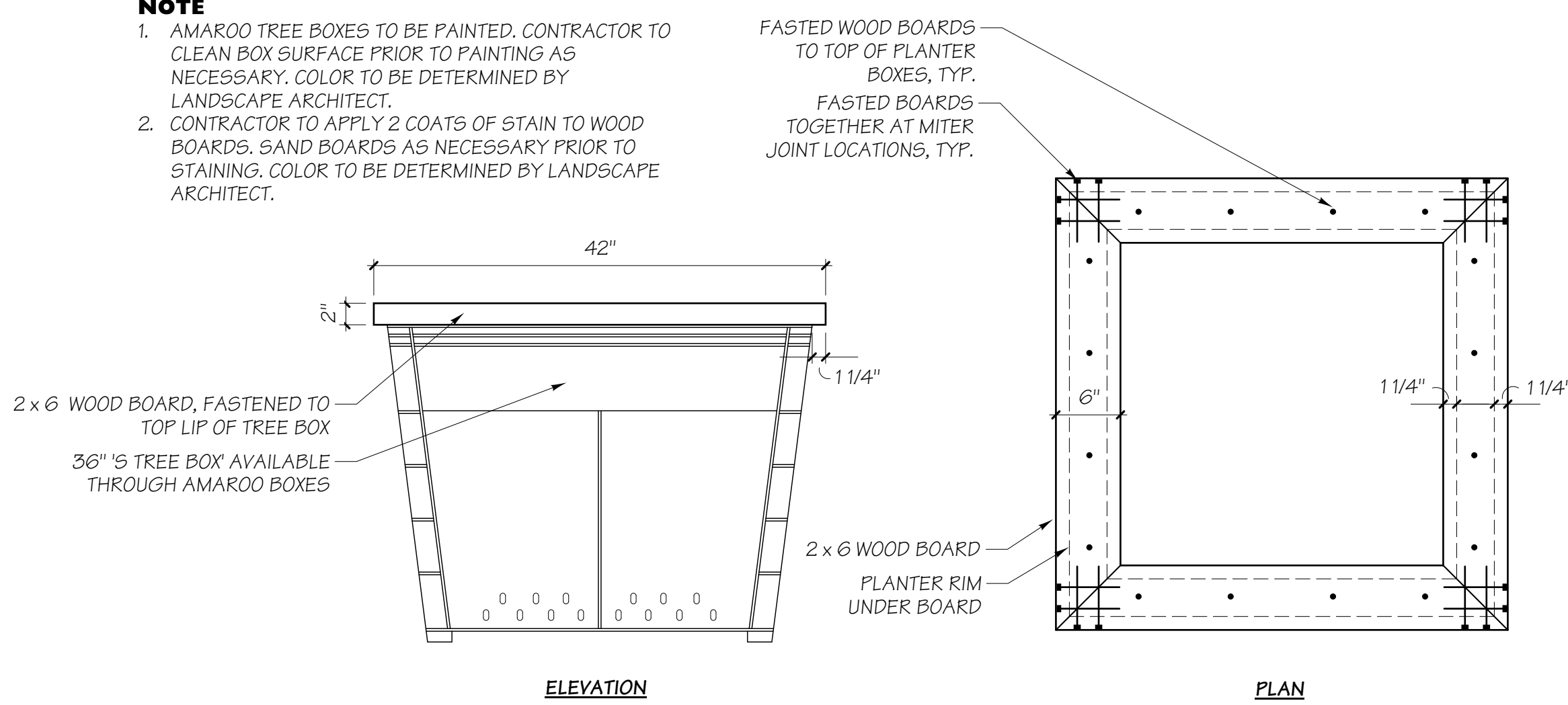
## C STABILIZED DECOMPOSED GRANITE PATH

NO SCALE



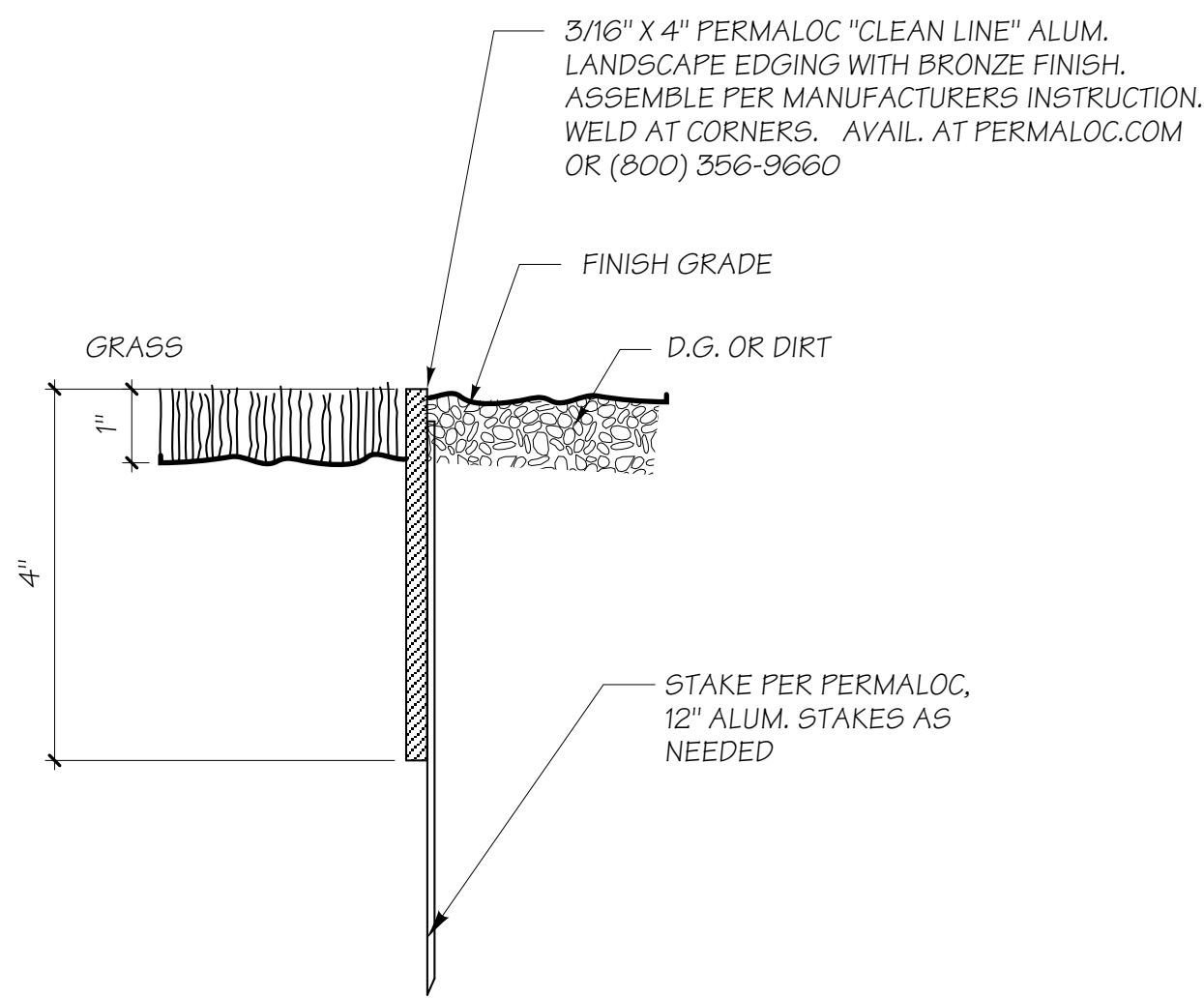
## G BOULDERS

NO SCALE



## J PLANTER BOXES

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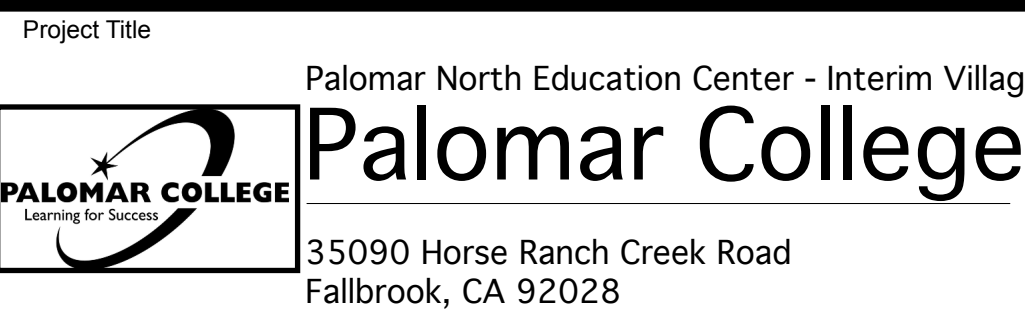
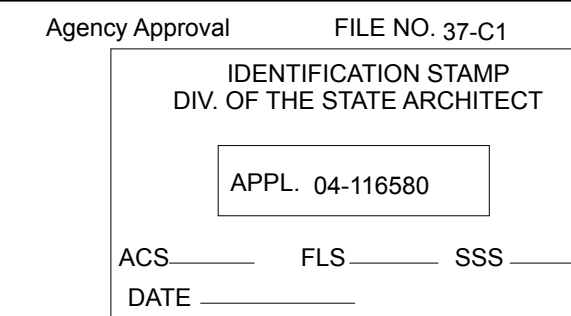
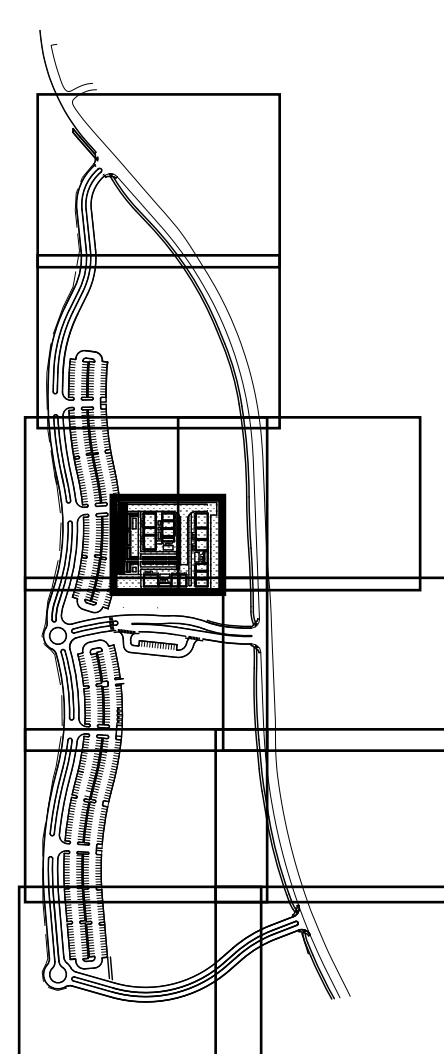
## D ALUMINUM HEADERBOARD

NO SCALE

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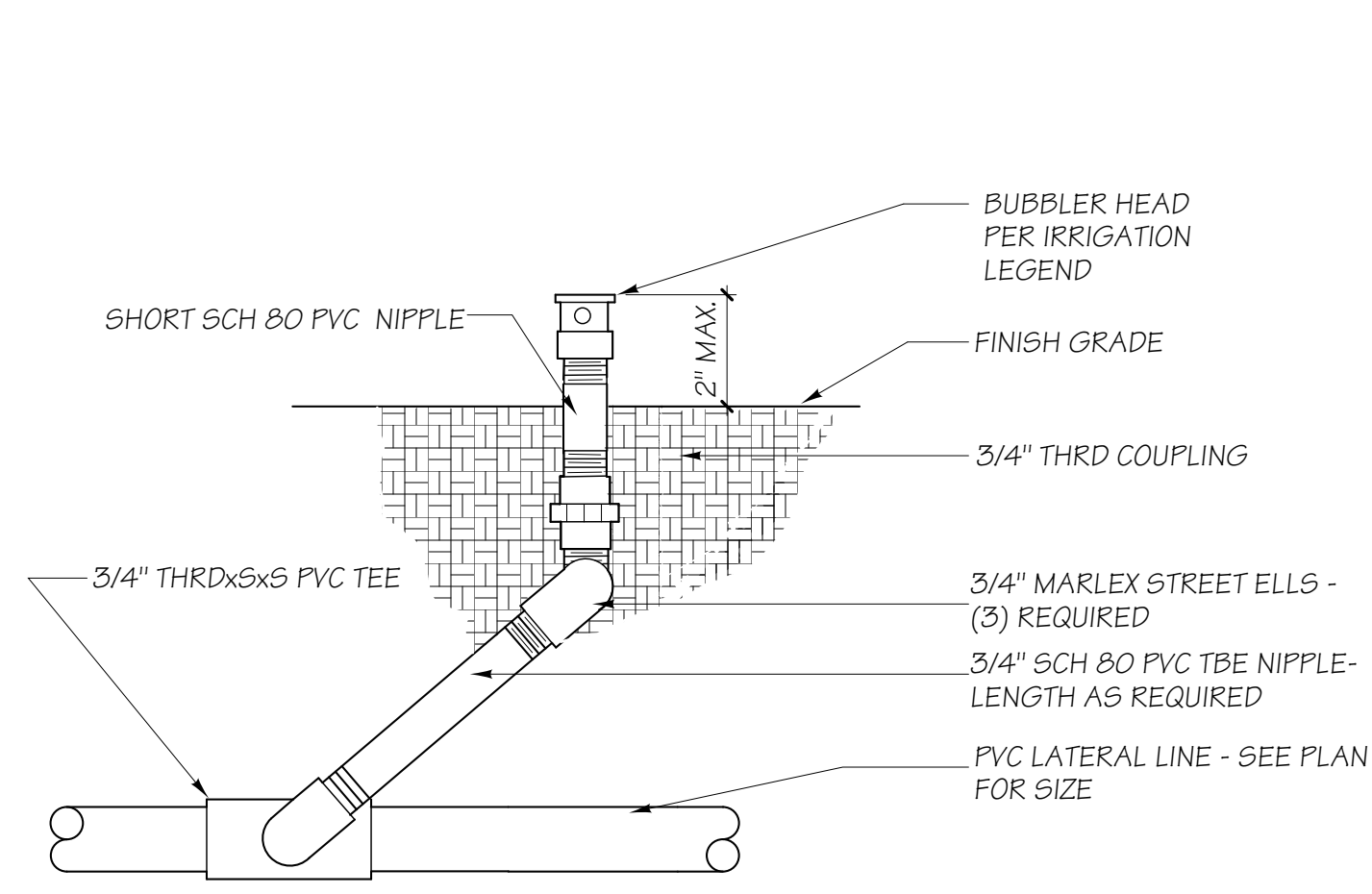
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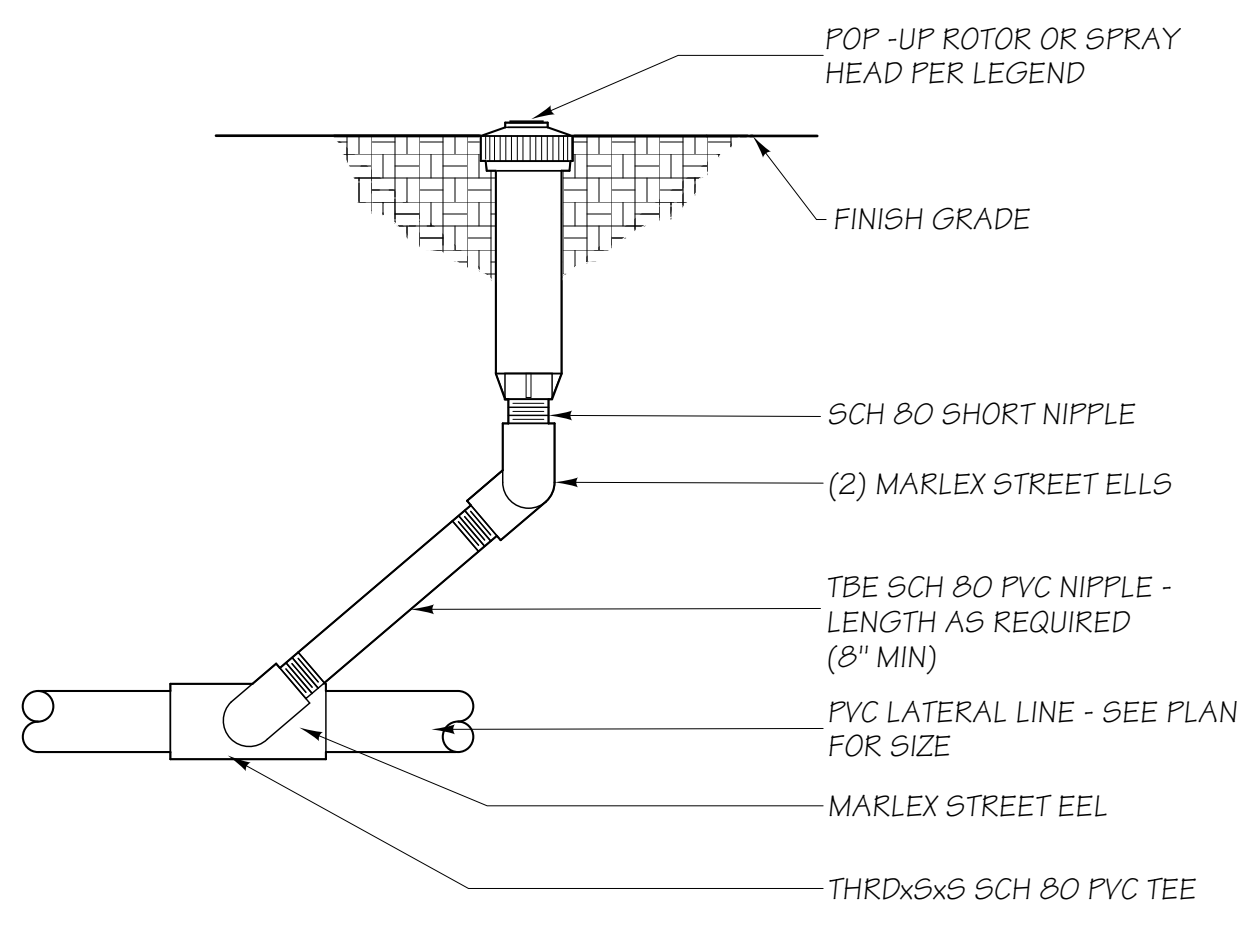
No	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Architect's Seal	Designed: KEE	Project No. 5015019-102
Drawn: KEE	Scale: 1"=10'-0"	
QA/QC	Drawing No. L-5.1	
Date: 10/06/2017		

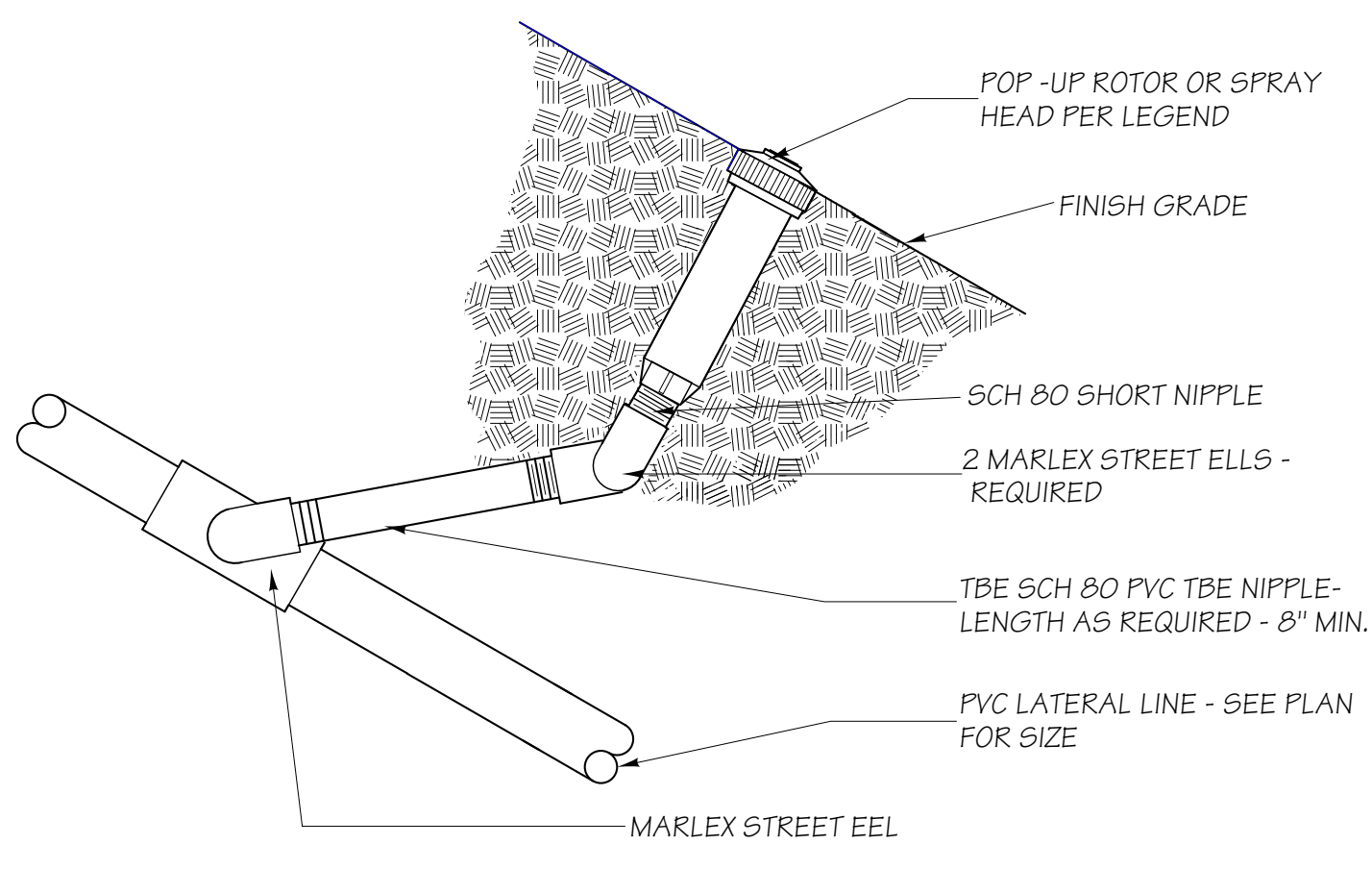




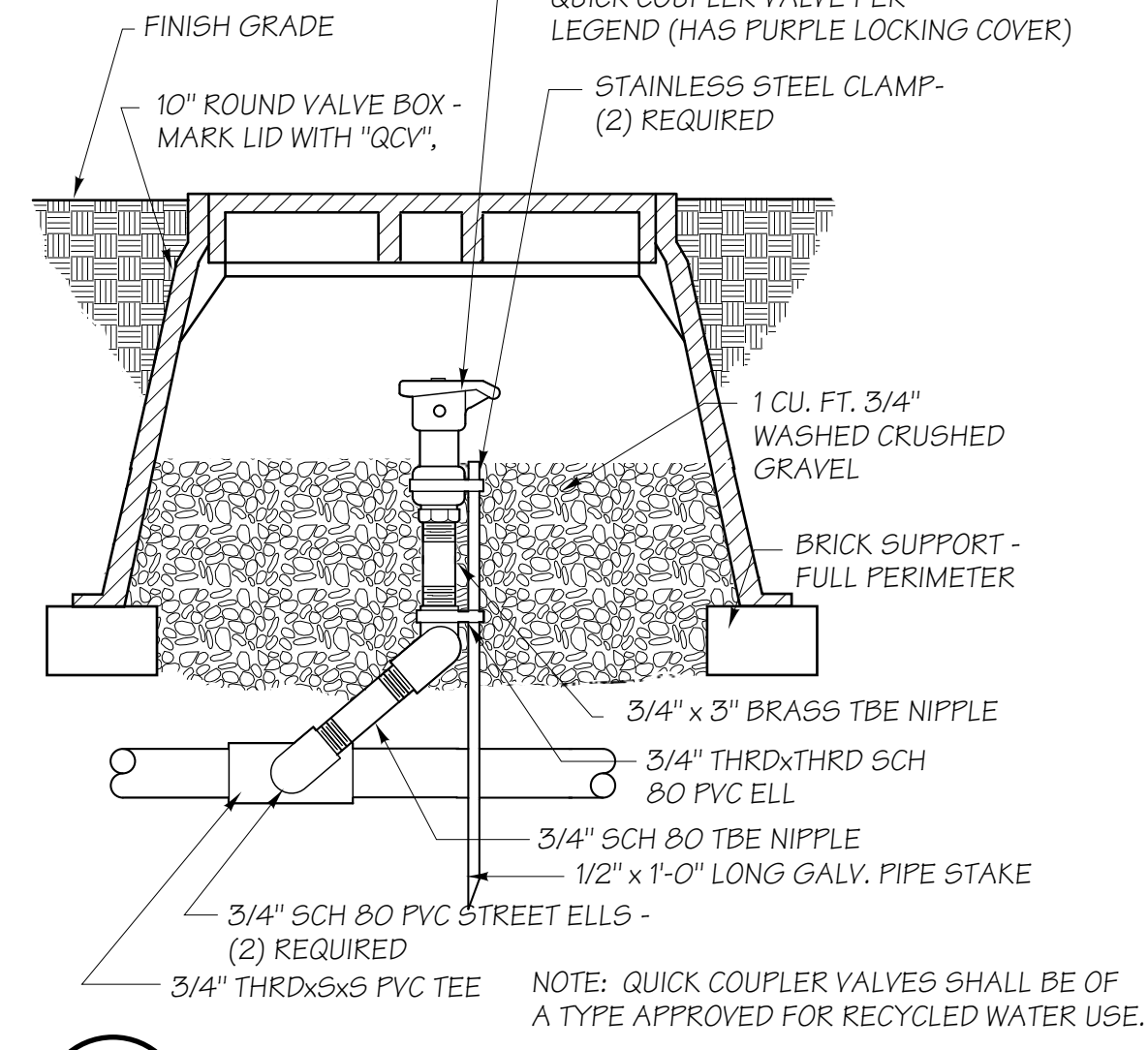
**A BUBBLER HEAD ON SHORT RISER**  
SCALE 3/4"=1'-0"



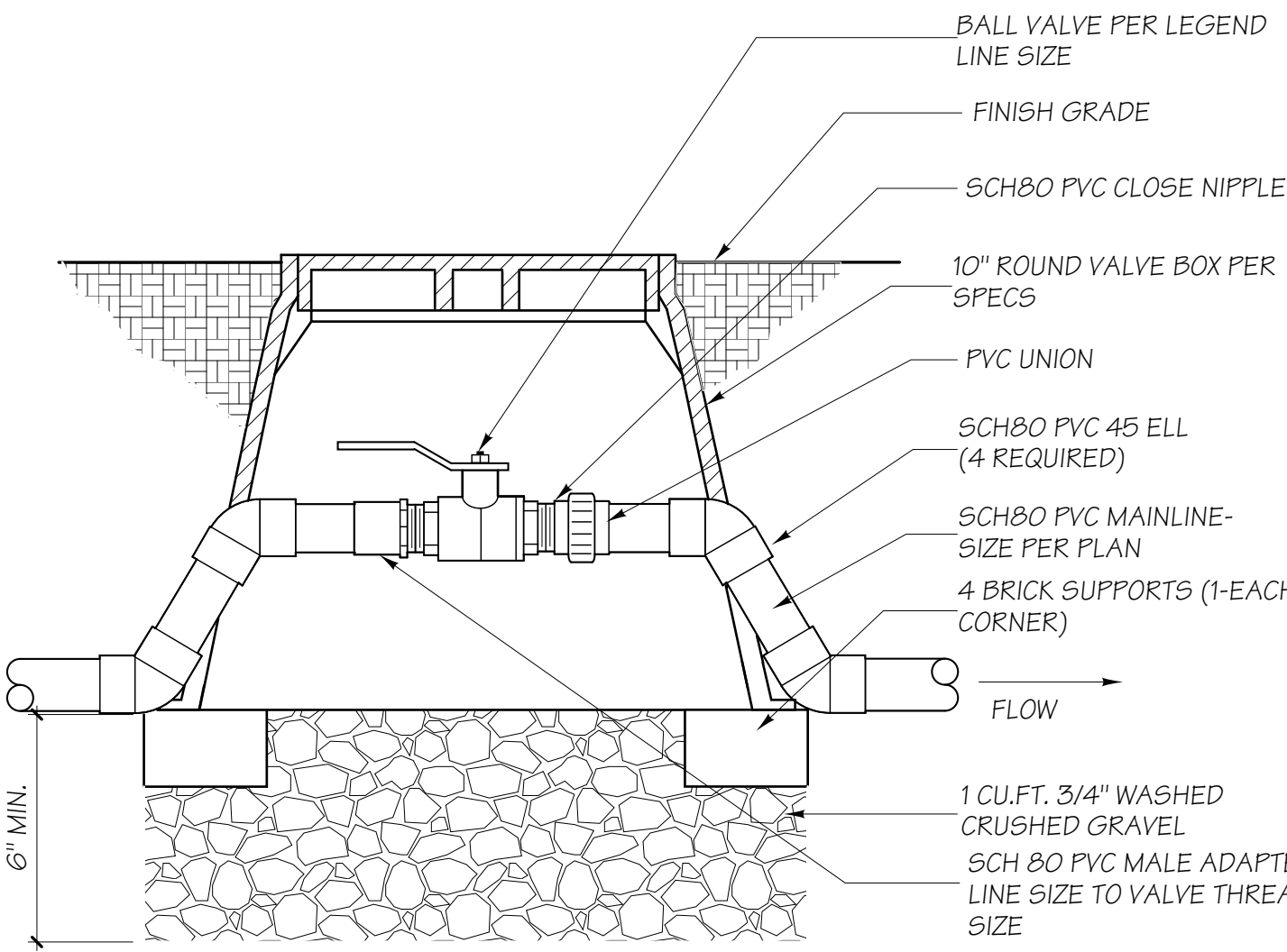
**B POP-UP ROTOR OR SPRAY HEAD DETAIL**  
SCALE 3/4"=1'-0"



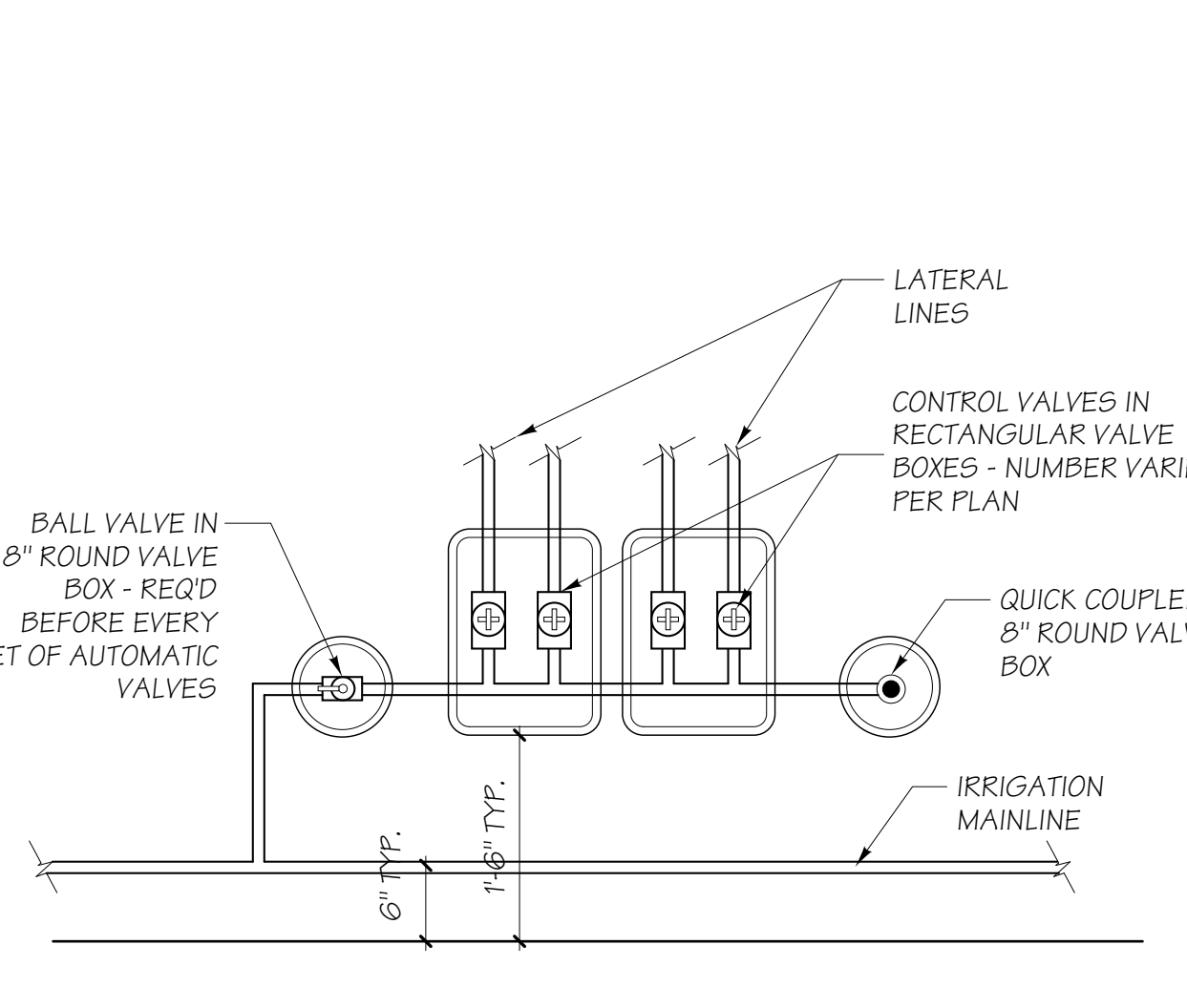
**C SLOPE POP-UP**  
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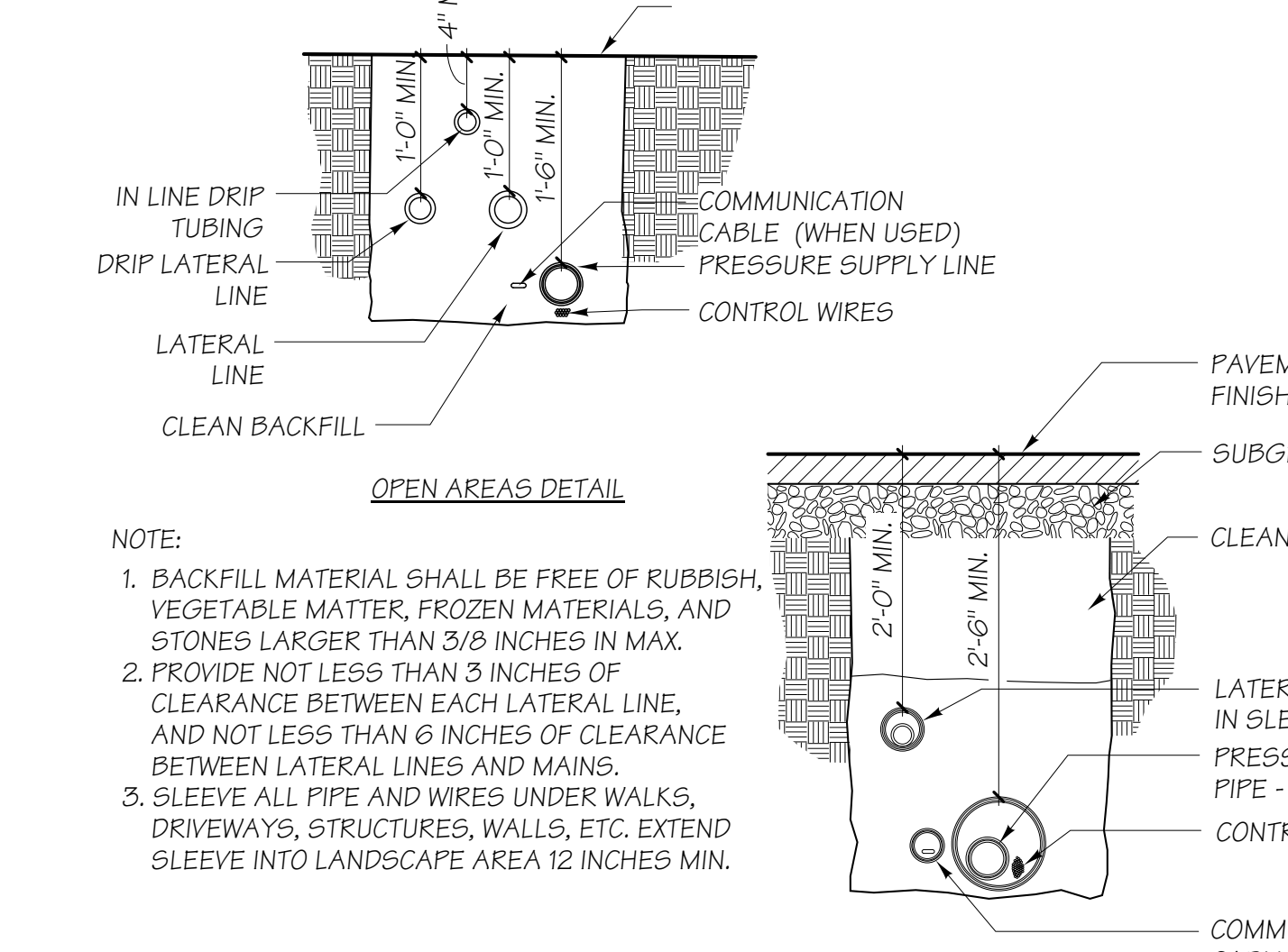
**D QUICK COUPLER VALVE DETAIL**  
SCALE 3/4"=1'-0"



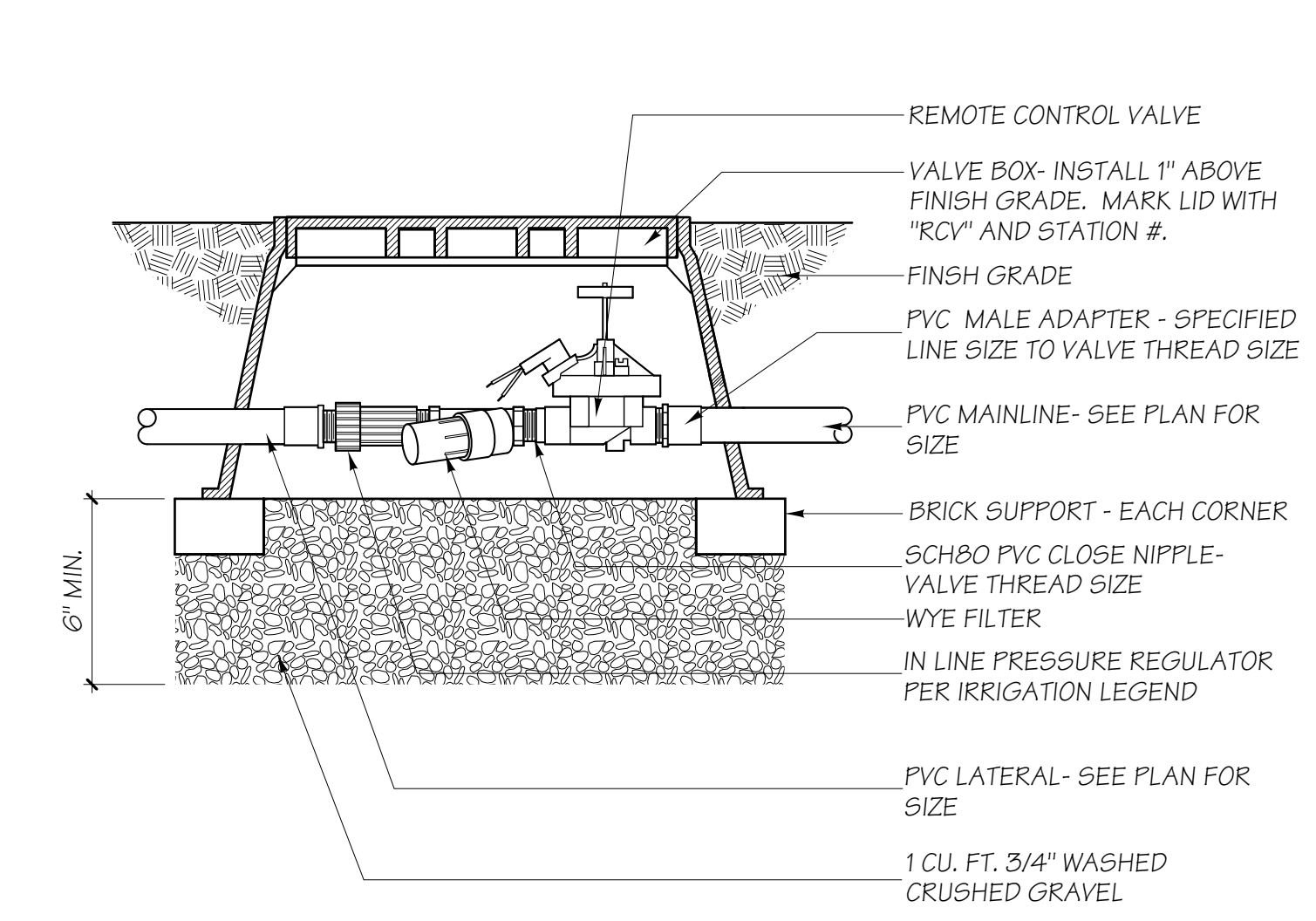
**E BALL VALVE DETAIL**  
NO SCALE



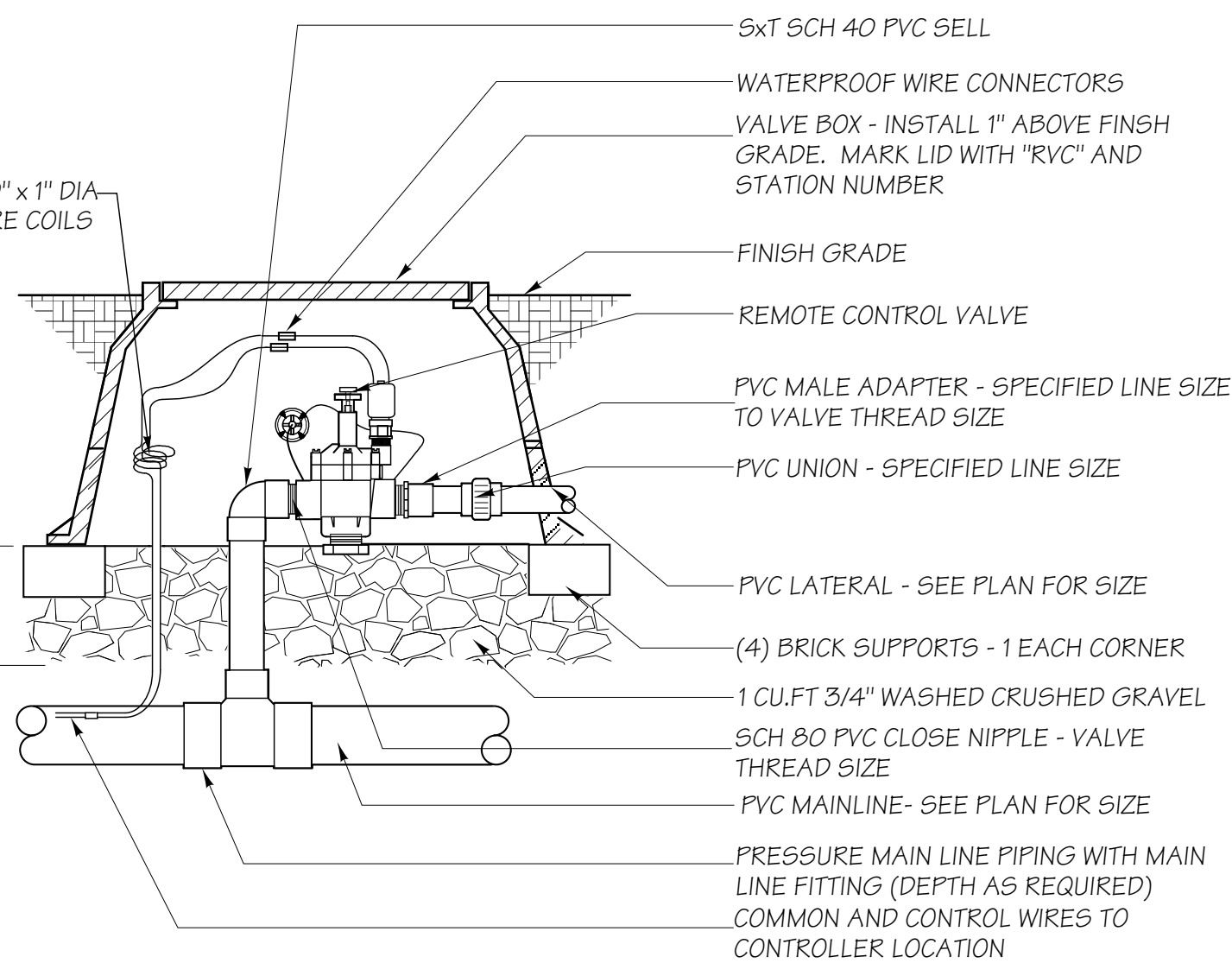
**F TYPICAL VALVE MANIFOLD**  
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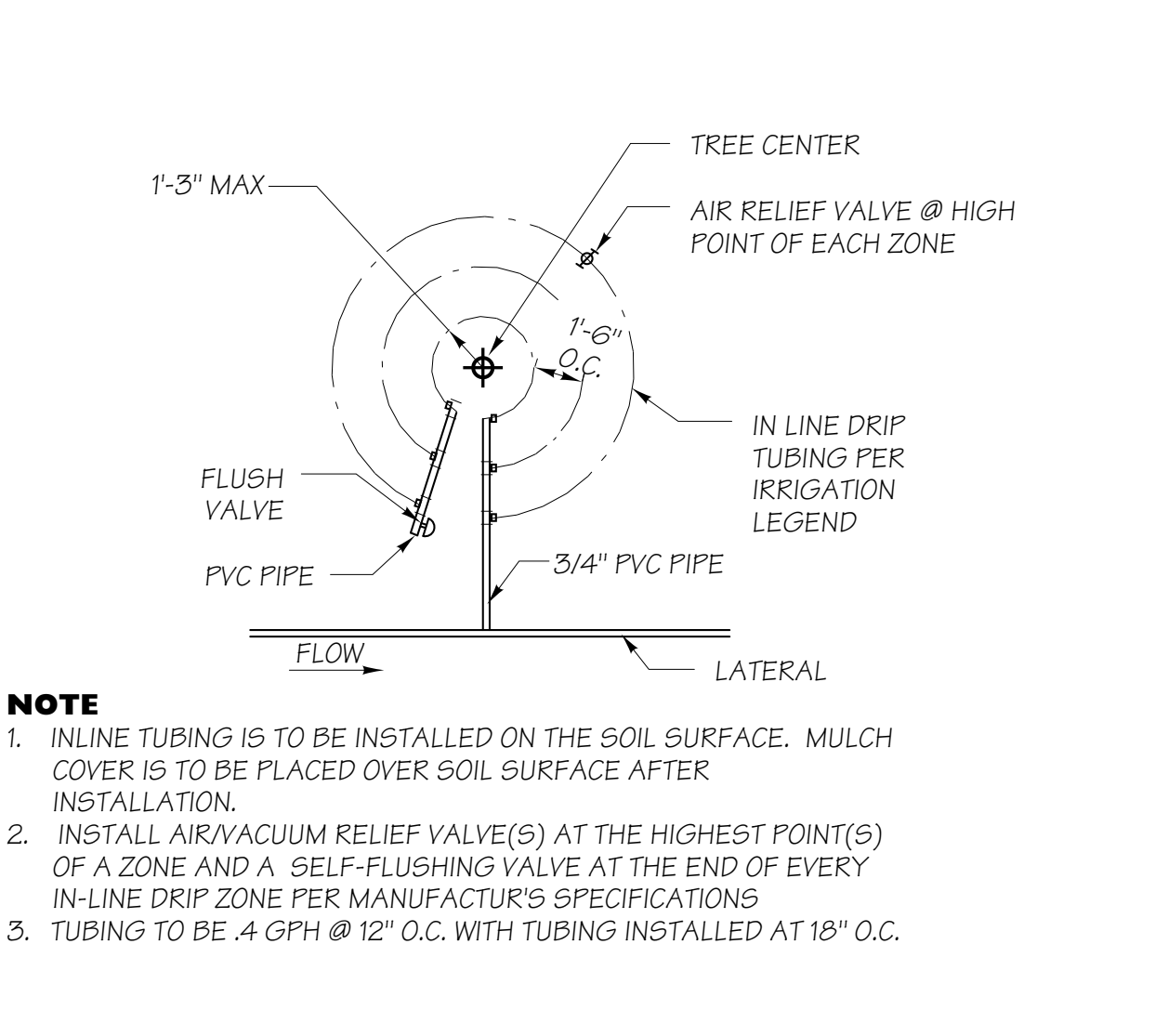
**G IRRIGATION PIPE - TRENCHING**  
NO SCALE



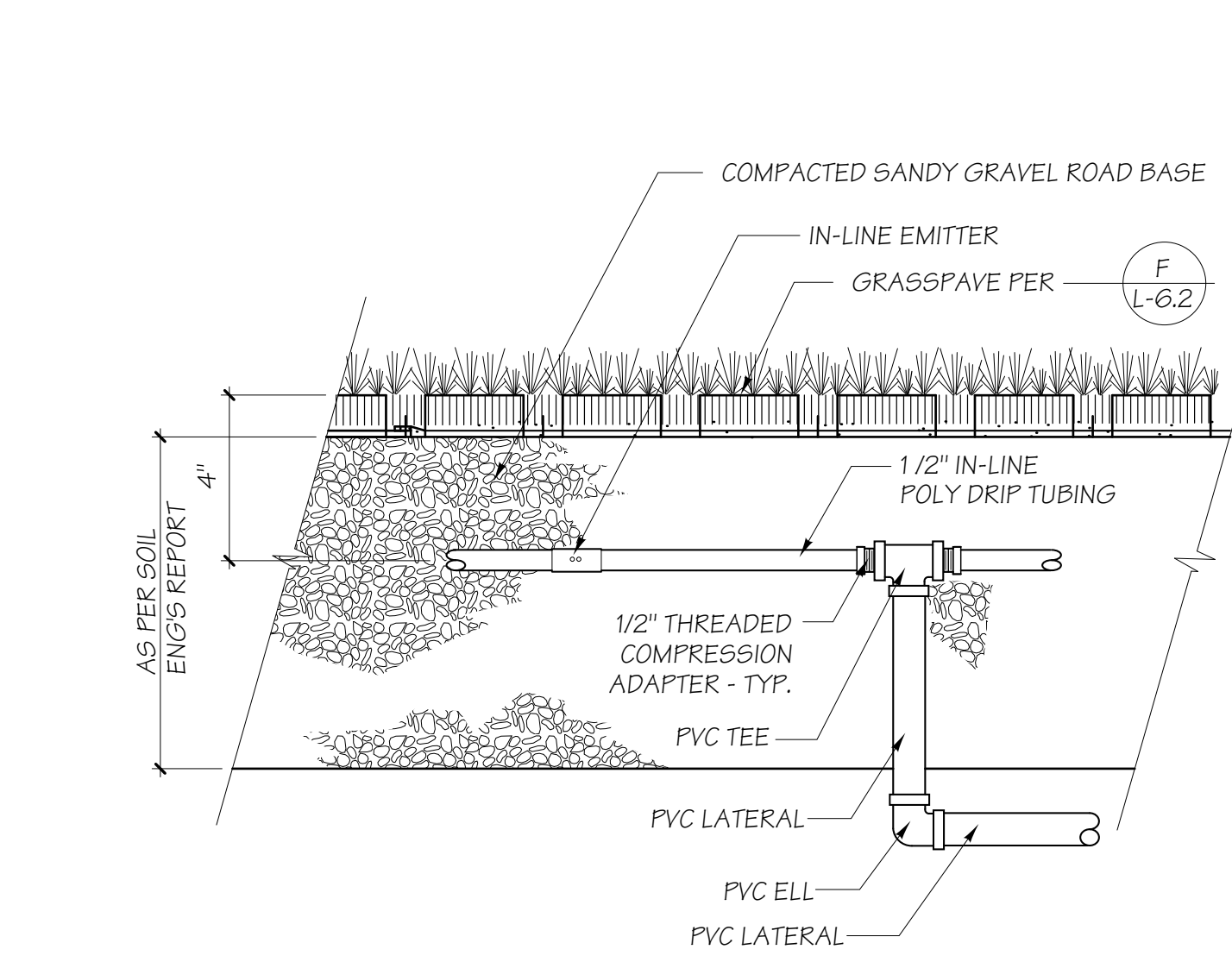
**H DRIP VALVE ASSEMBLY**  
NO SCALE



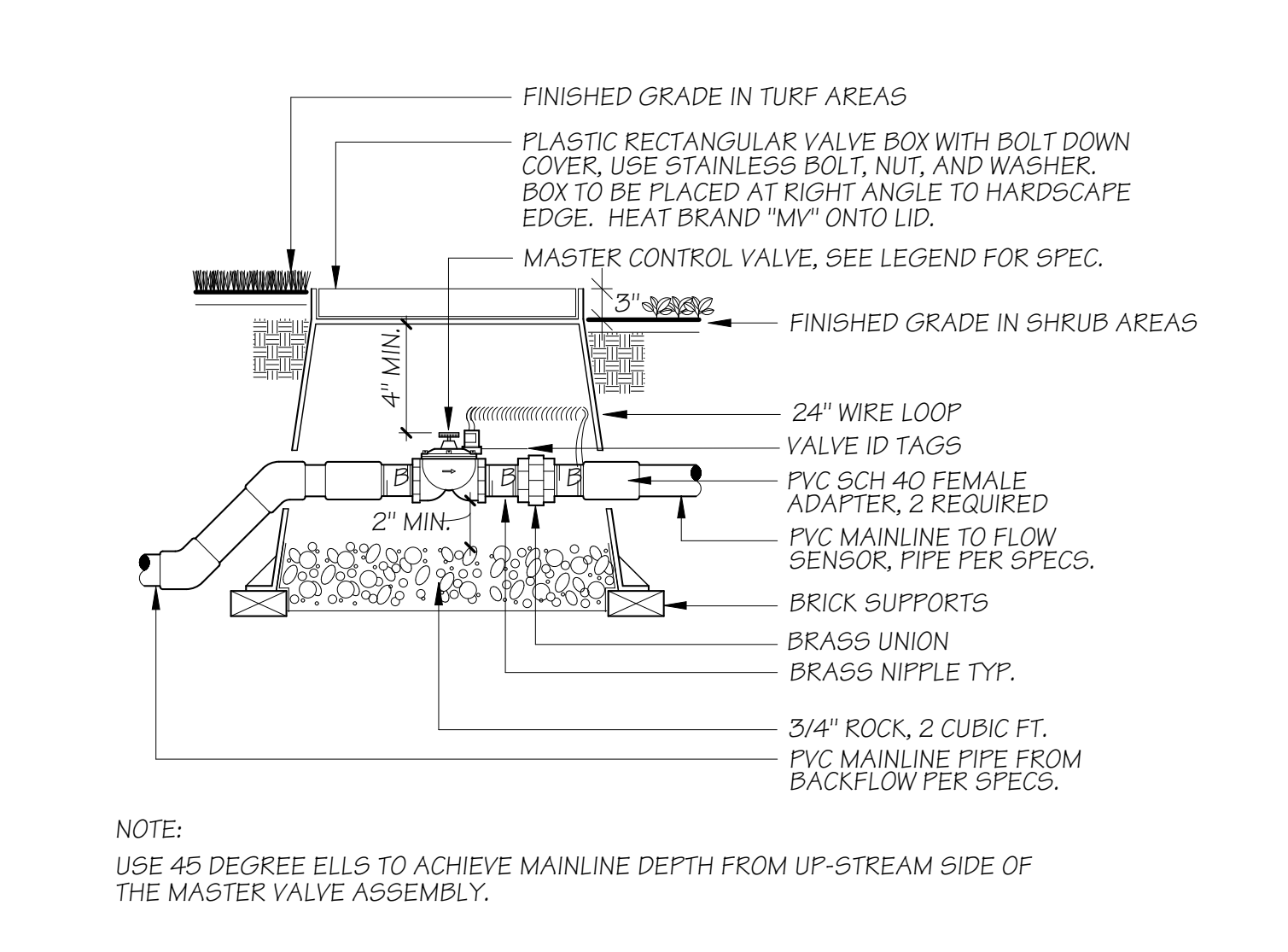
**I REMOTE CONTROL VALVE DETAIL**  
SCALE 3/4"=1'-0"



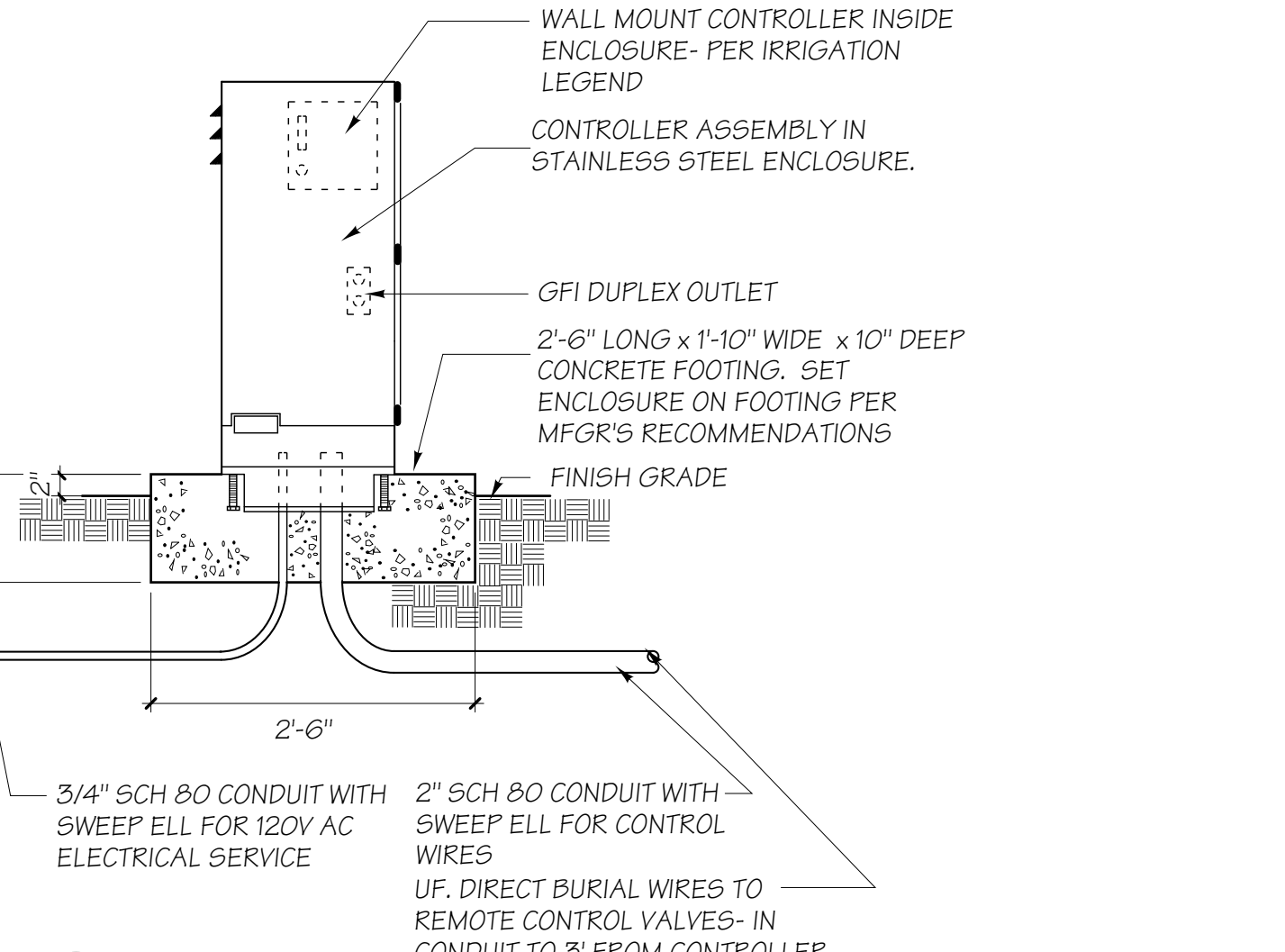
**J IN-LINE DRIP TREE IRRIGATION**  
NO SCALE



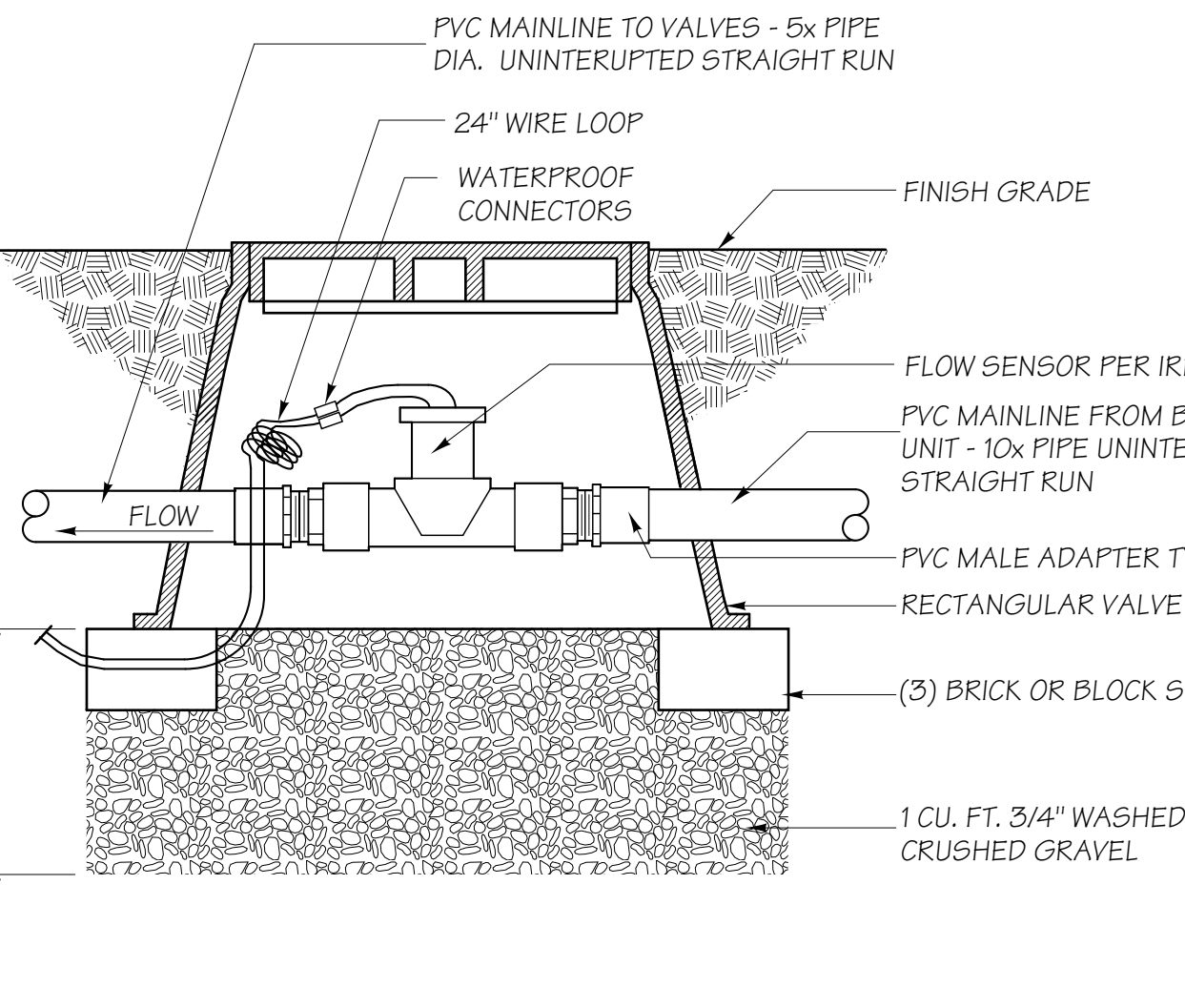
**K BELOW GRADE IN-LINE DRIP LINE**  
NO SCALE



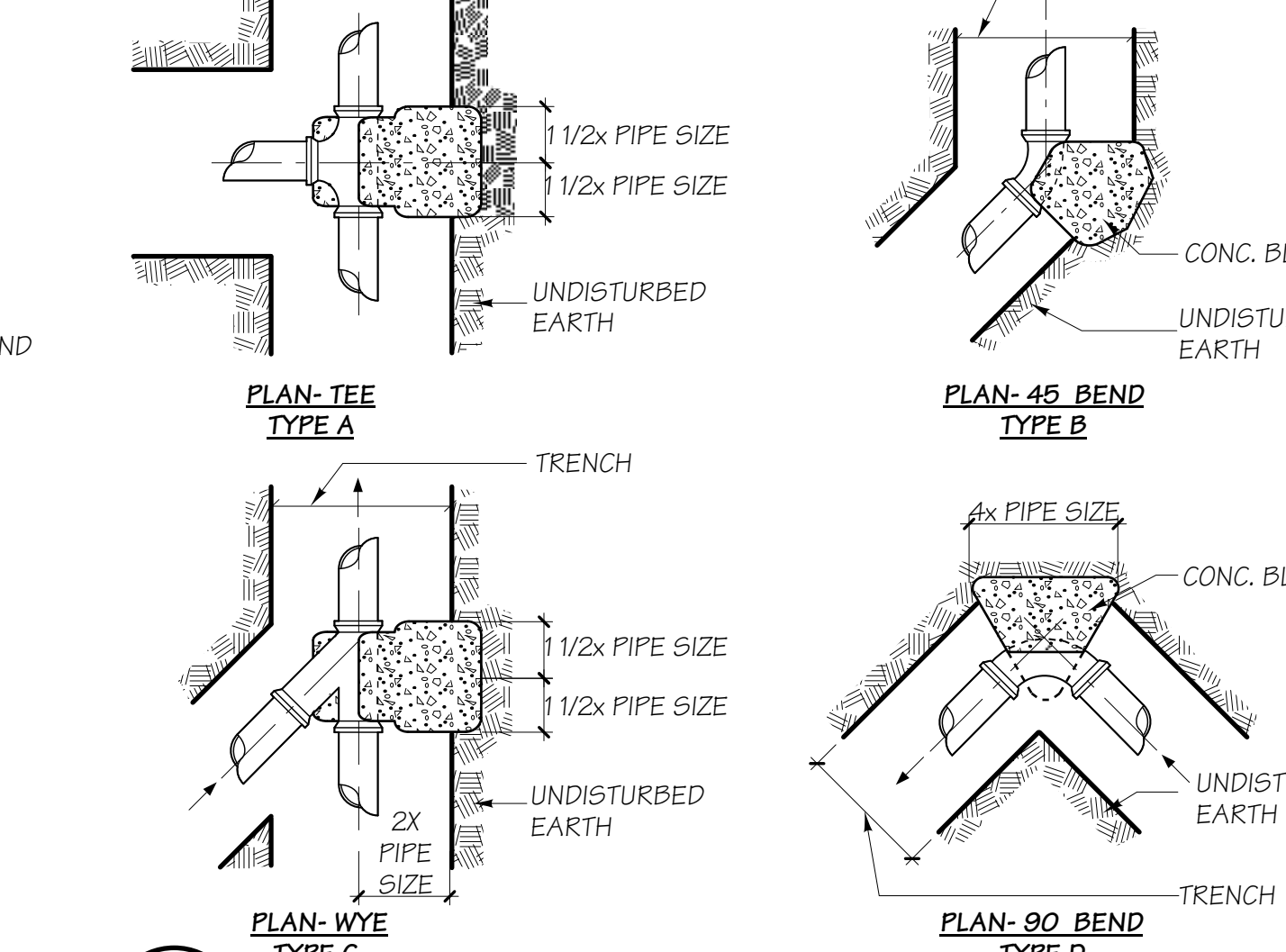
**L MASTER VALVE**  
NO SCALE



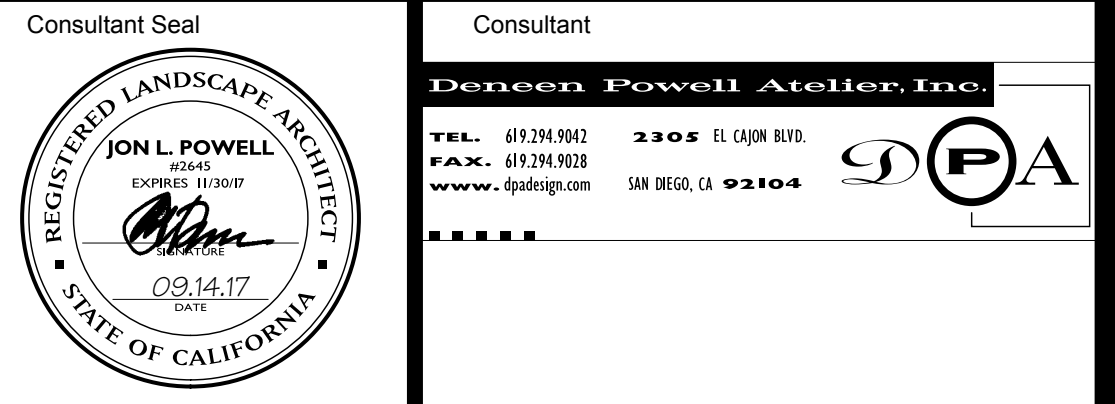
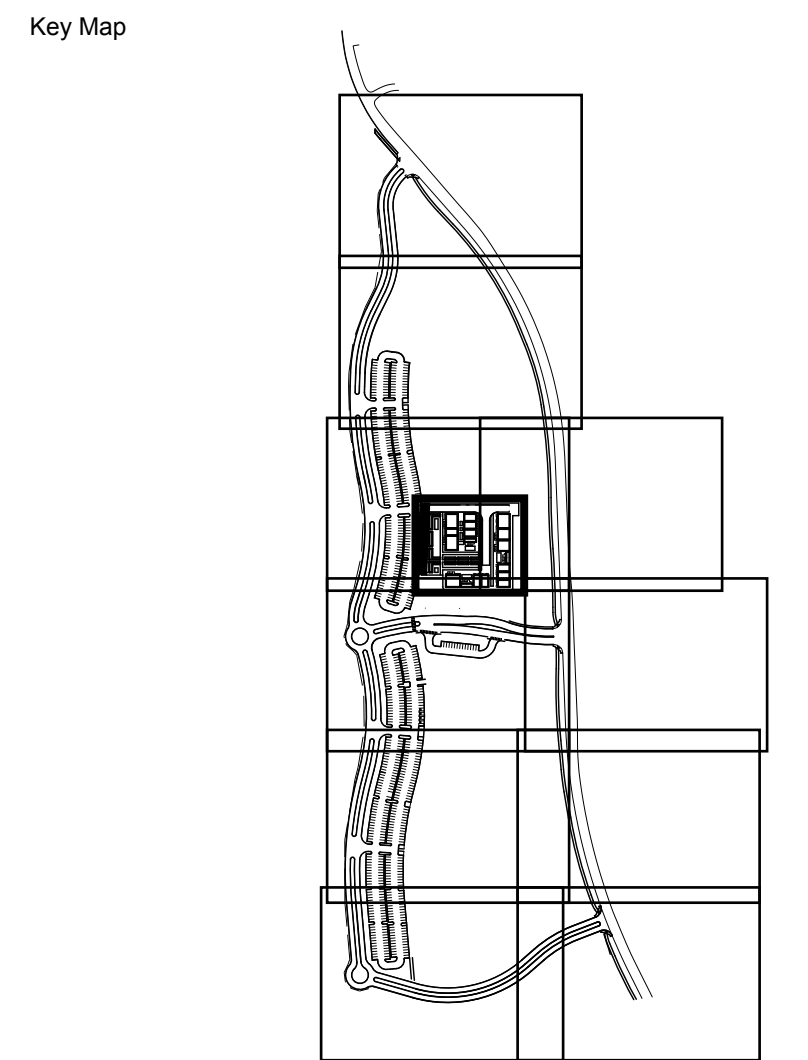
**M IRRIGATION CONTROLLER ENCLOSURE**  
NO SCALE



**N FLOW SENSOR DETAIL**  
NO SCALE



**O CONCRETE THRUST BLOCKING**  
NO SCALE



Agency Approval FILE NO. 37-C1  
IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APPL. 04-116580  
ACS. FLS. SSS.  
DATE

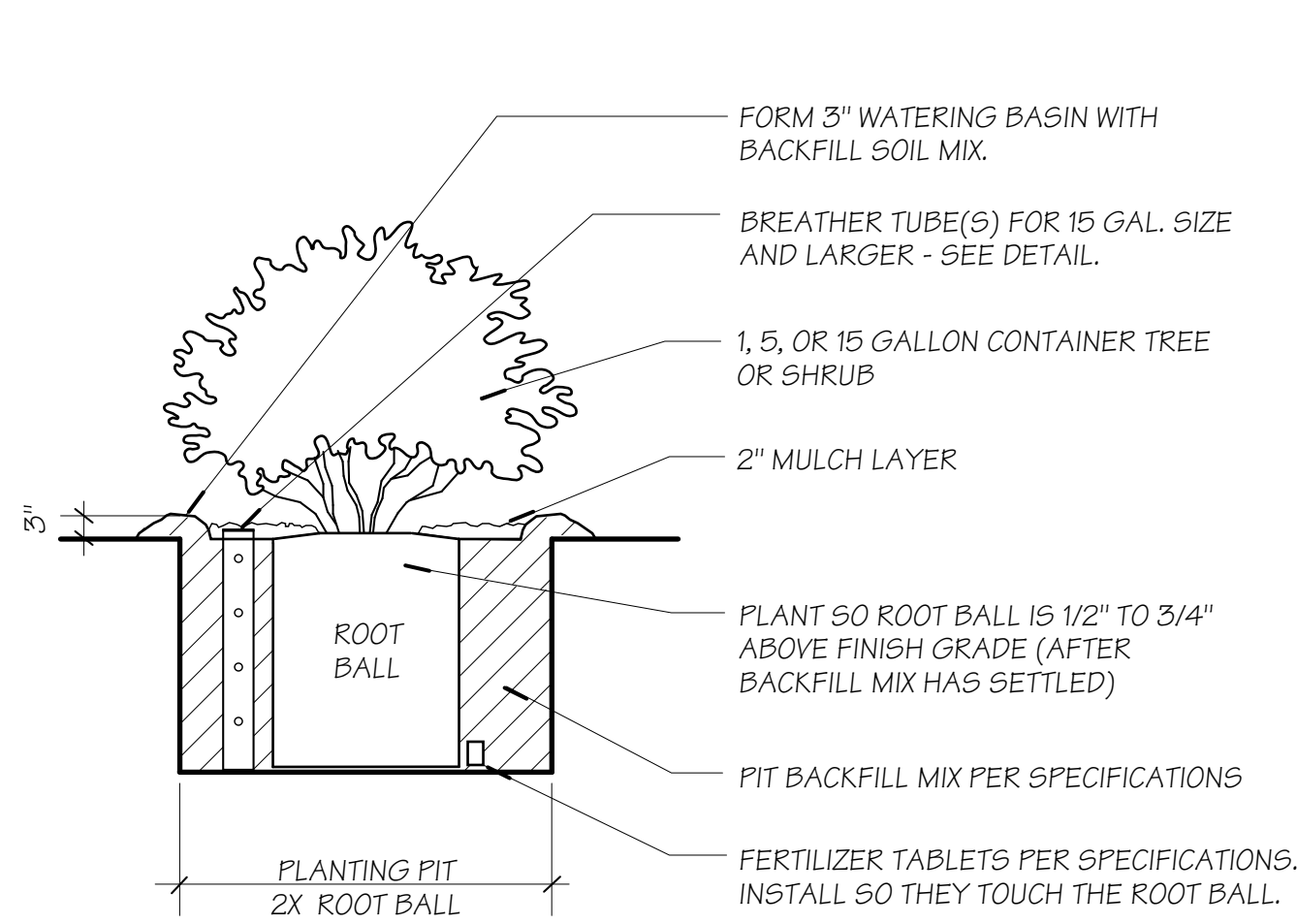
Project Title  
**Palomar College**  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title: **IRRIGATION DETAILS**

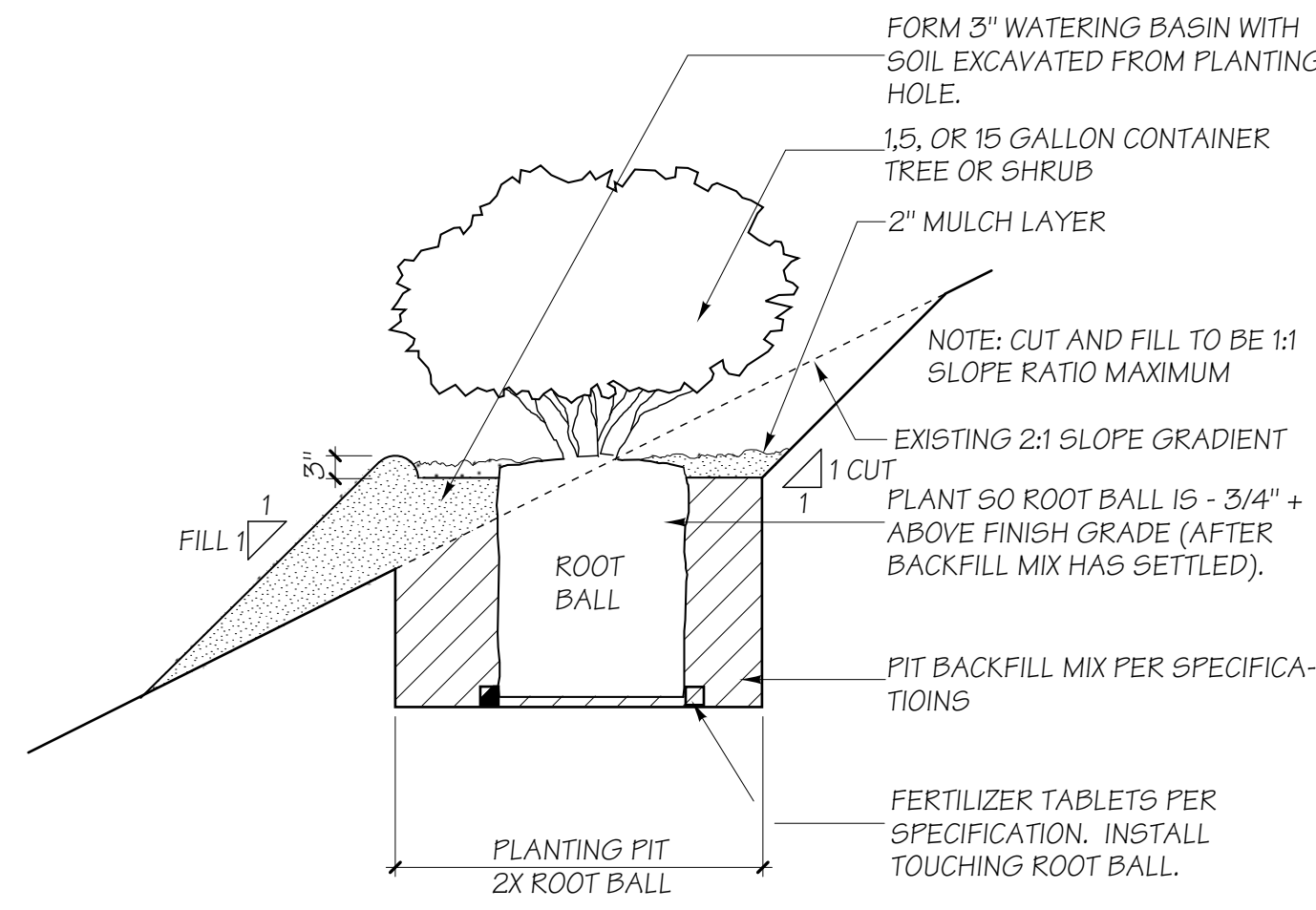
Architect's Seal  
DESIGNED BY: KEE  
DRAWN BY: KEE  
QA/QC: KEE  
DATE: 10/06/2017  
Project No.: 5015019-102  
Scale: 1"=10'-0"  
Drawing No.: **L-6.1**





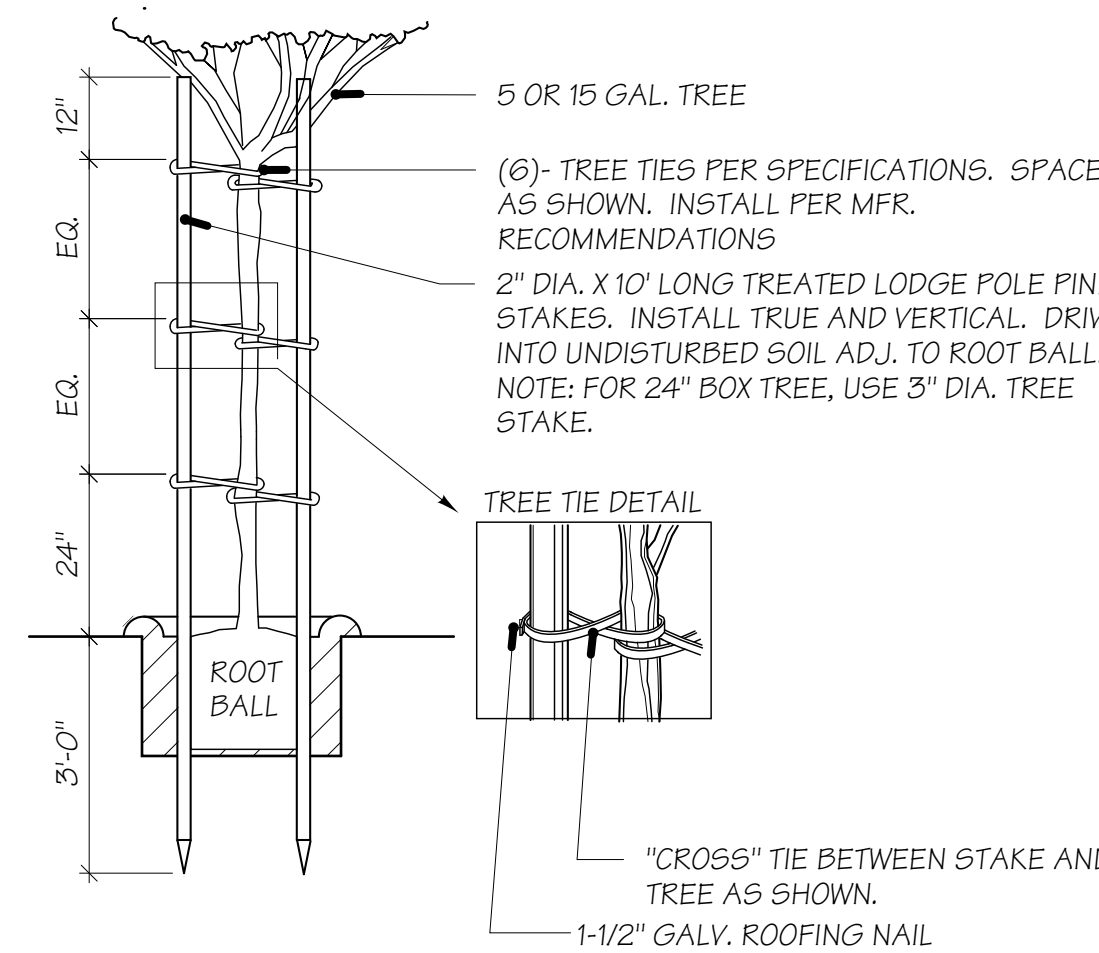
**A** CONTAINER PLANTING

NO SCALE



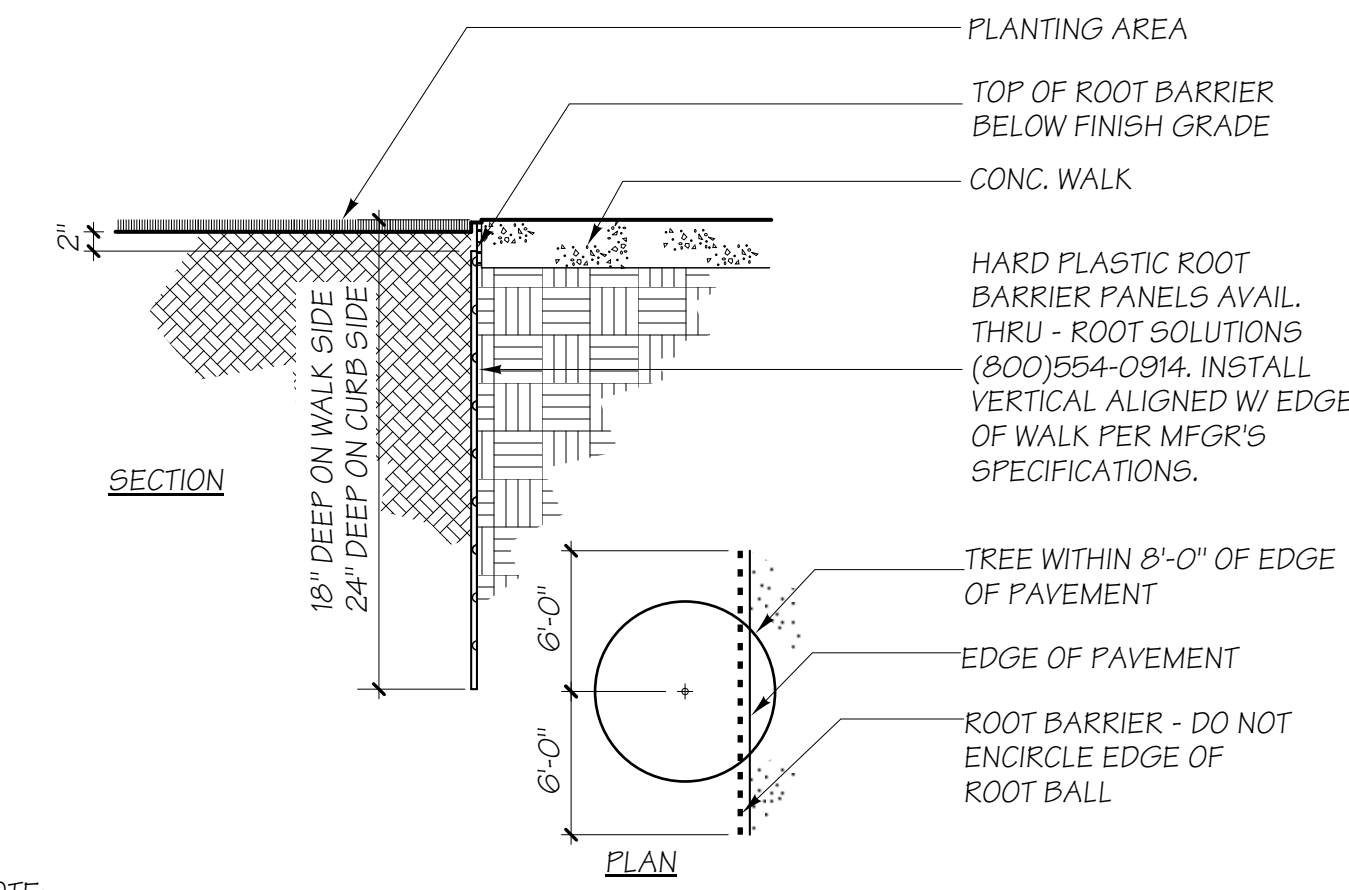
**B** 1,5, AND 15 GALLON CONTAINER PLANTING DETAIL (SLOPE)

NO SCALE



**C** DOUBLE TREE STAKING DETAIL

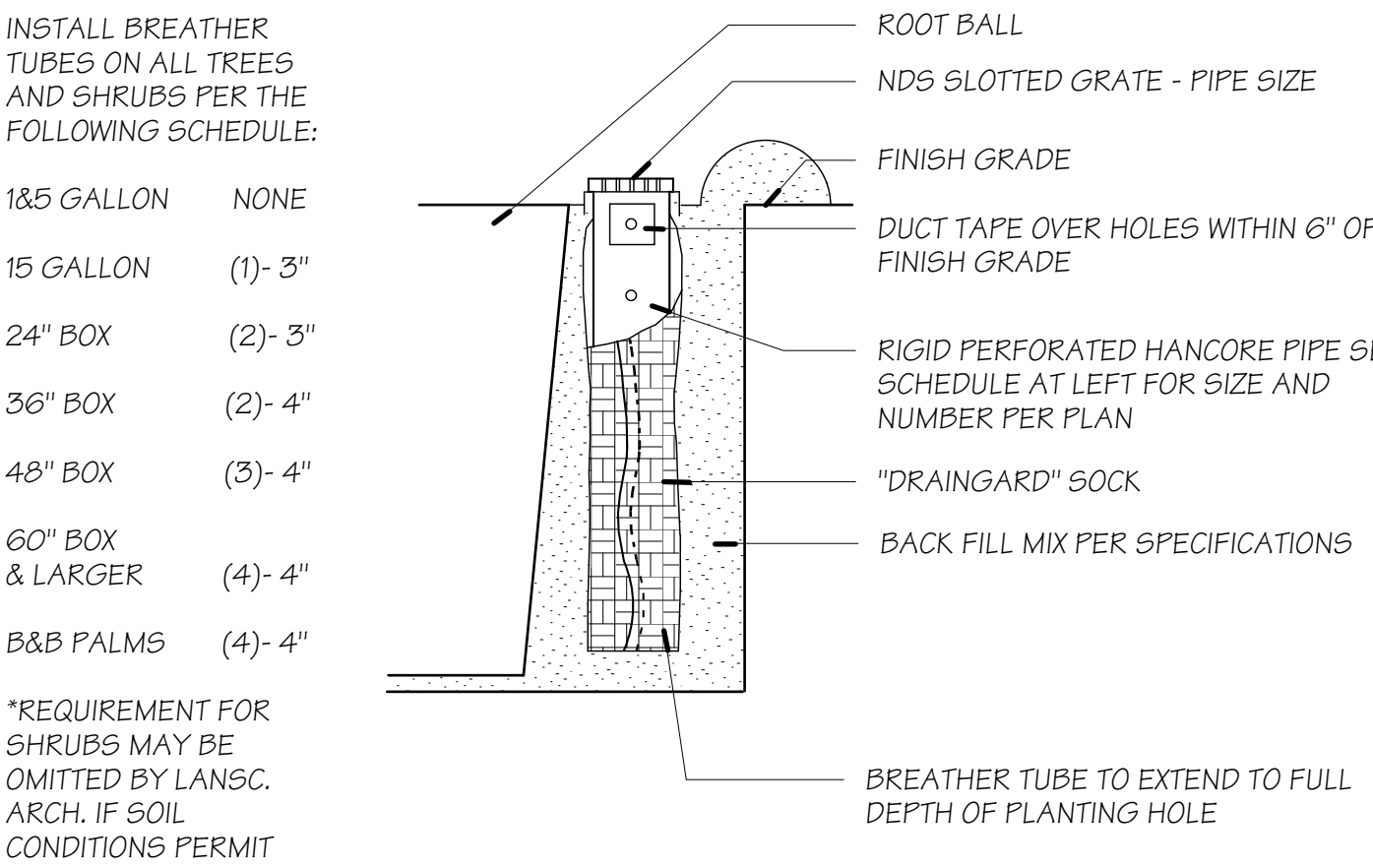
NO SCALE



NOTE:  
1. ALL TREES PLANTED WITHIN 5' OF PAVING OR CURBS ARE TO HAVE LINEAR HARD PLASTIC ROOT BARRIERS AS MANFD BY ROOT SOLUTIONS, OR EQUAL (24" DEPTH). PLACE AT THE EDGE OF PAVING AND EXTEND 6" MINIMUM EACH SIDE OF THE CENTER OF THE TREE. ROOT BARRIERS ARE NOT TO BE WRAPPED AROUND THE ROOTBALL.

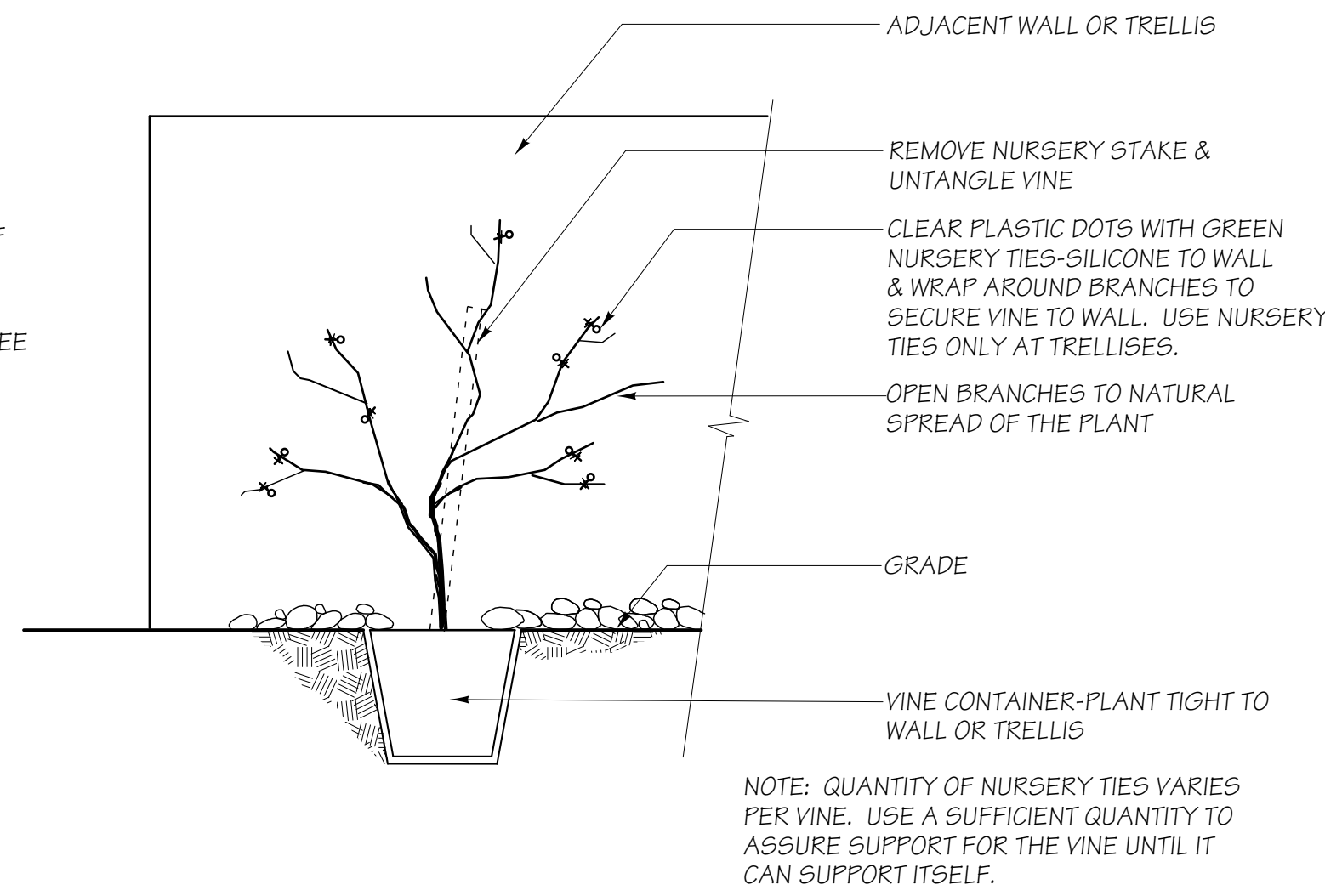
**D** ROOT BARRIER

NO SCALE



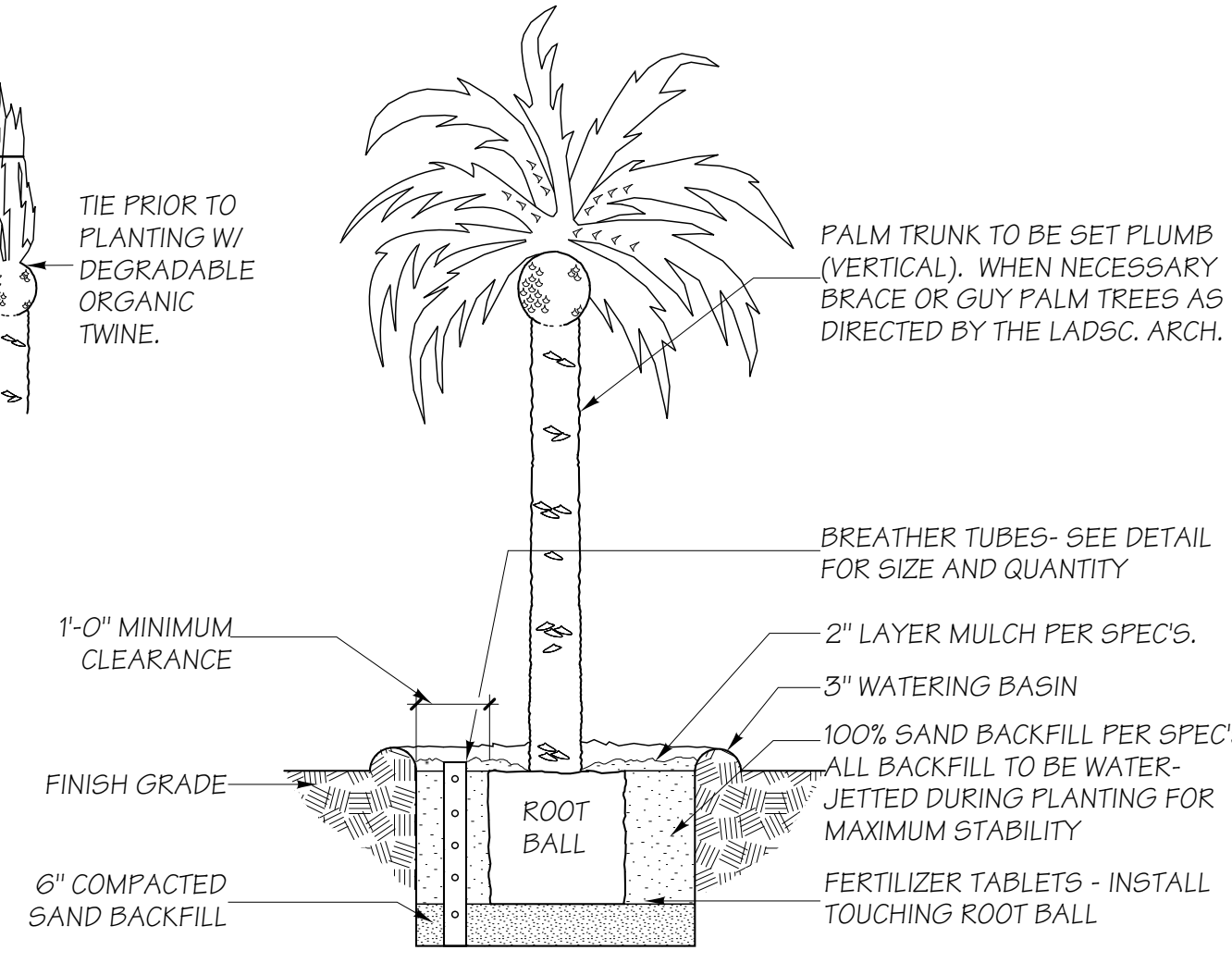
**E** BREATHER TUBE

NO SCALE



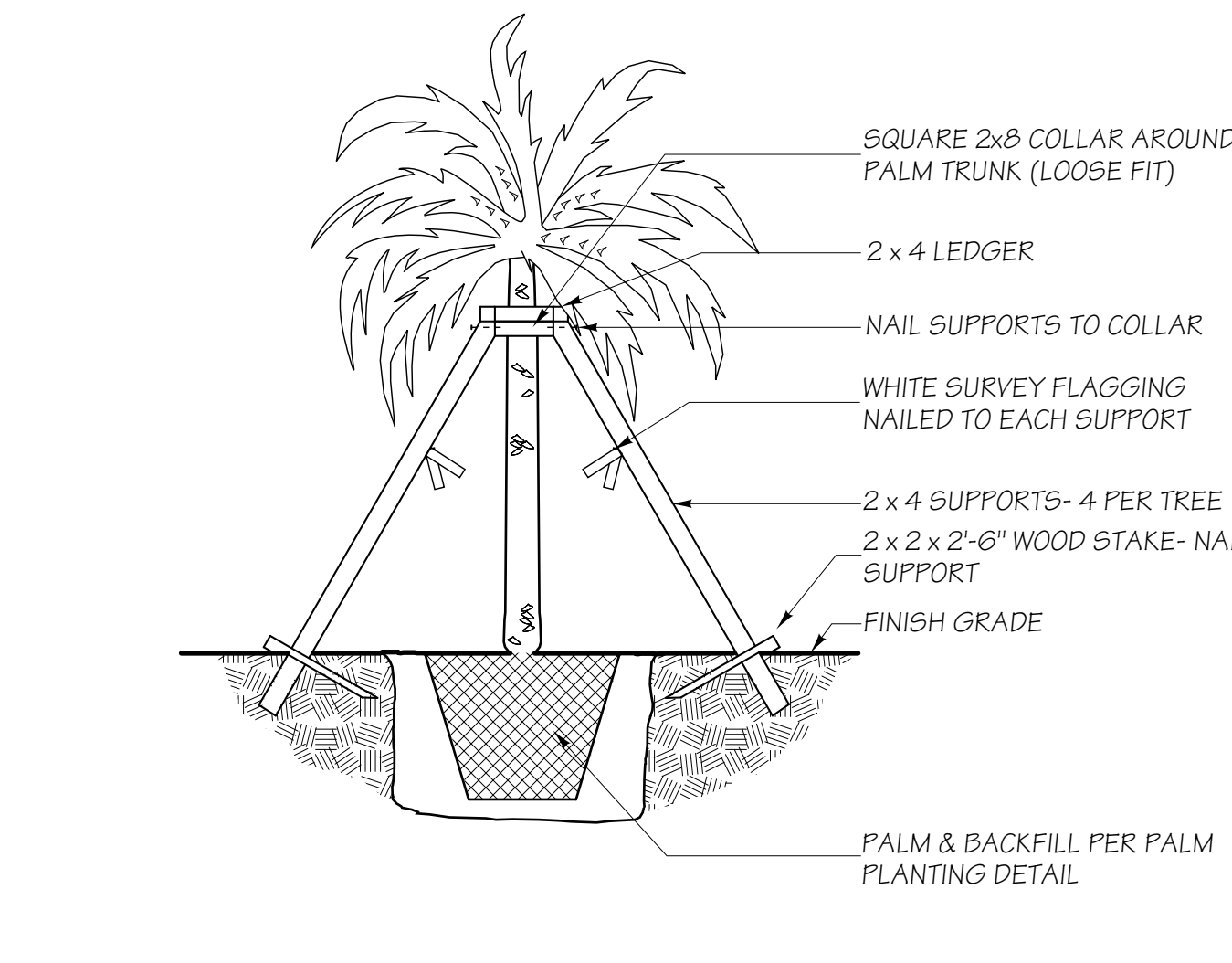
**F** VINE PLANTING

NO SCALE



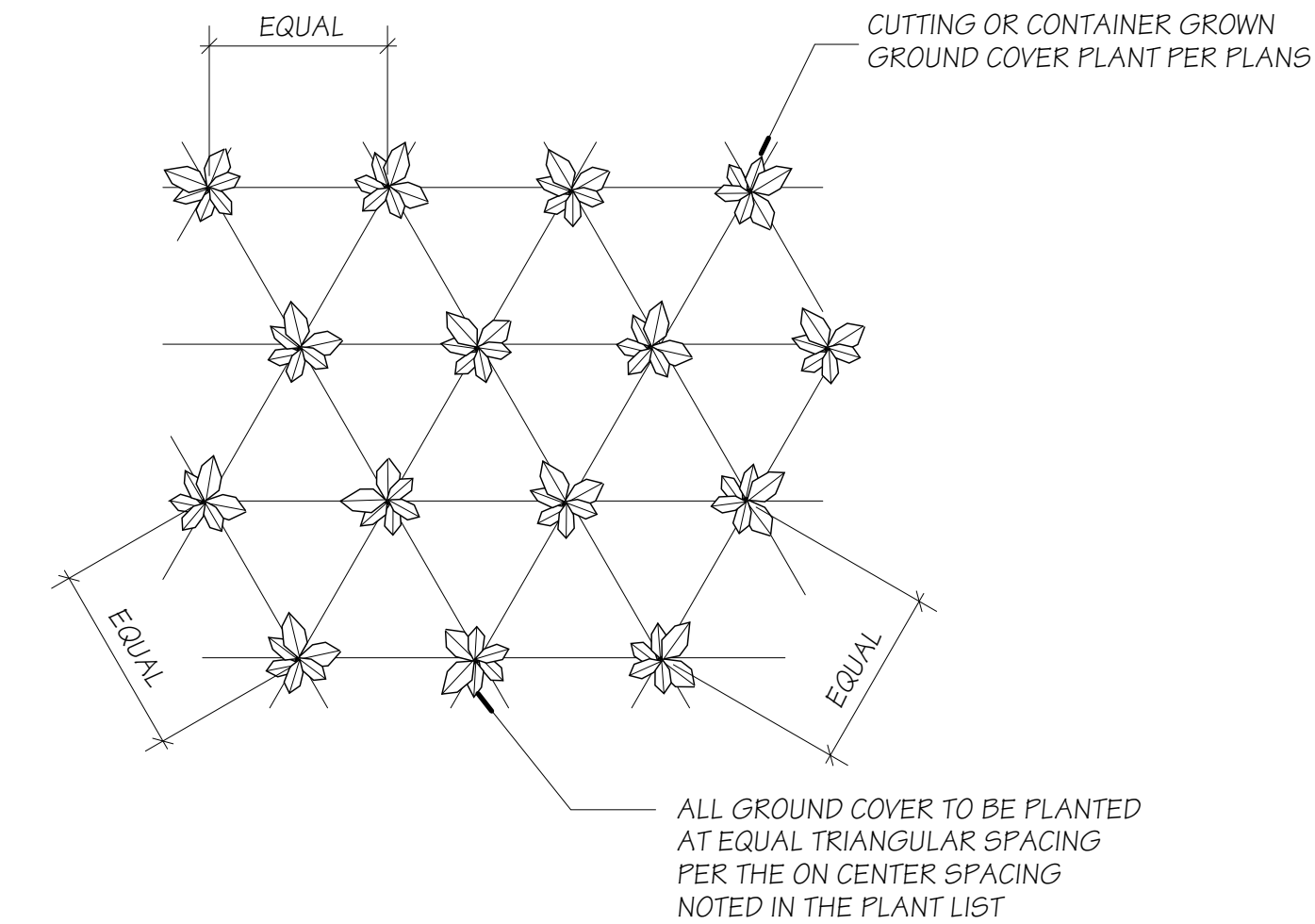
**G** PALM PLANTING DETAIL

NO SCALE



**H** PALM STAKING

NO SCALE

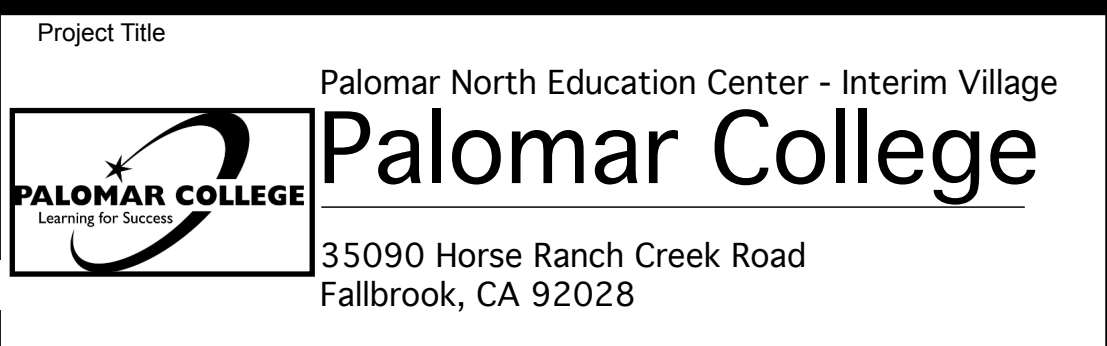
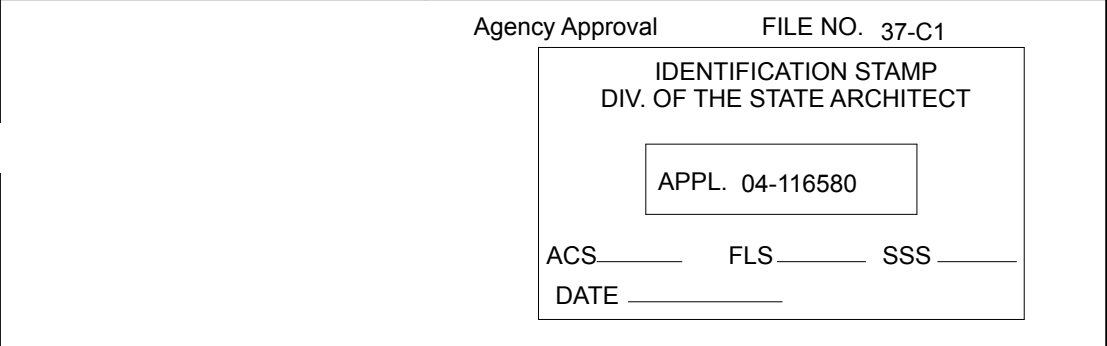
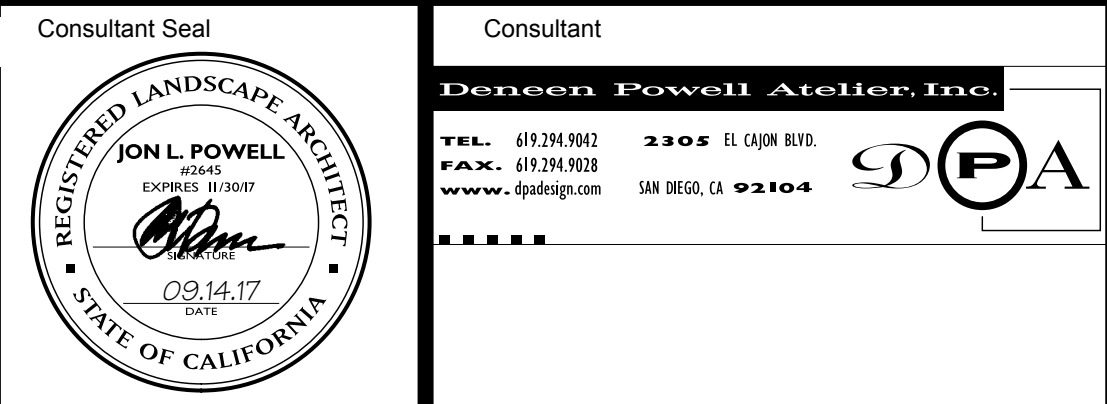
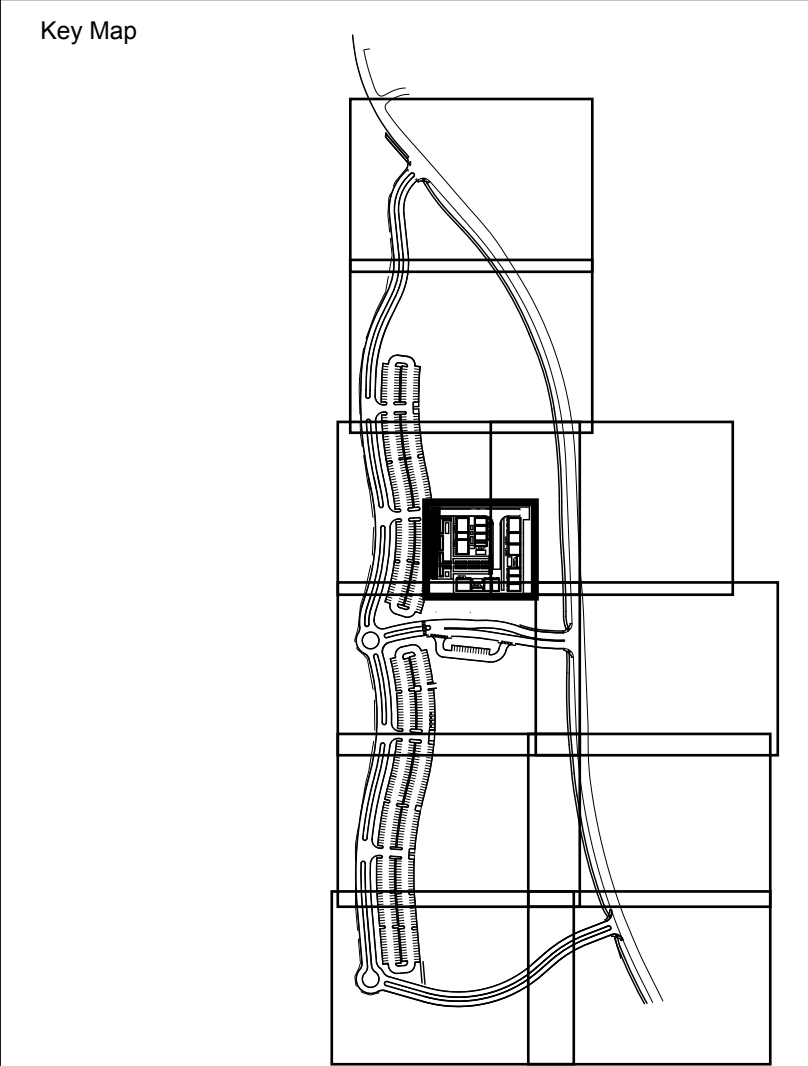


**I** GROUND COVER PLANTING

NO SCALE

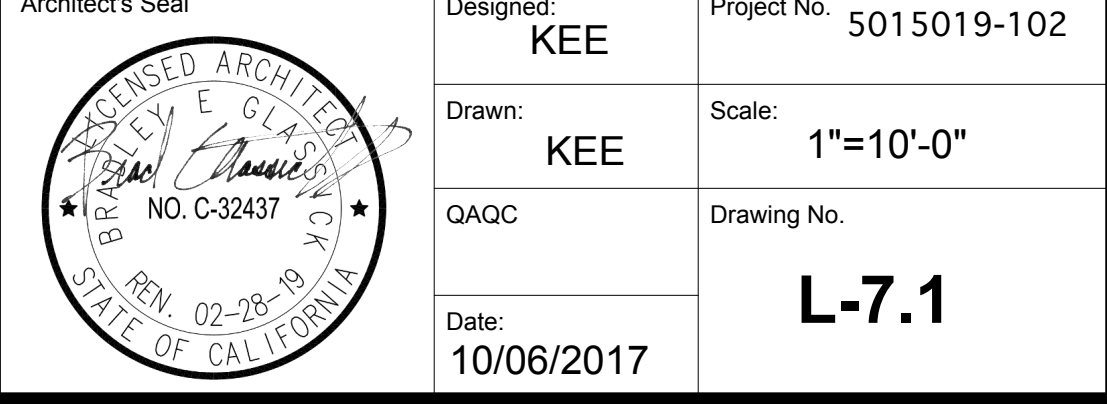
HMC Architects

3546 Concourse Street / Ontario, CA 91764  
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No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title: PLANTING DETAILS

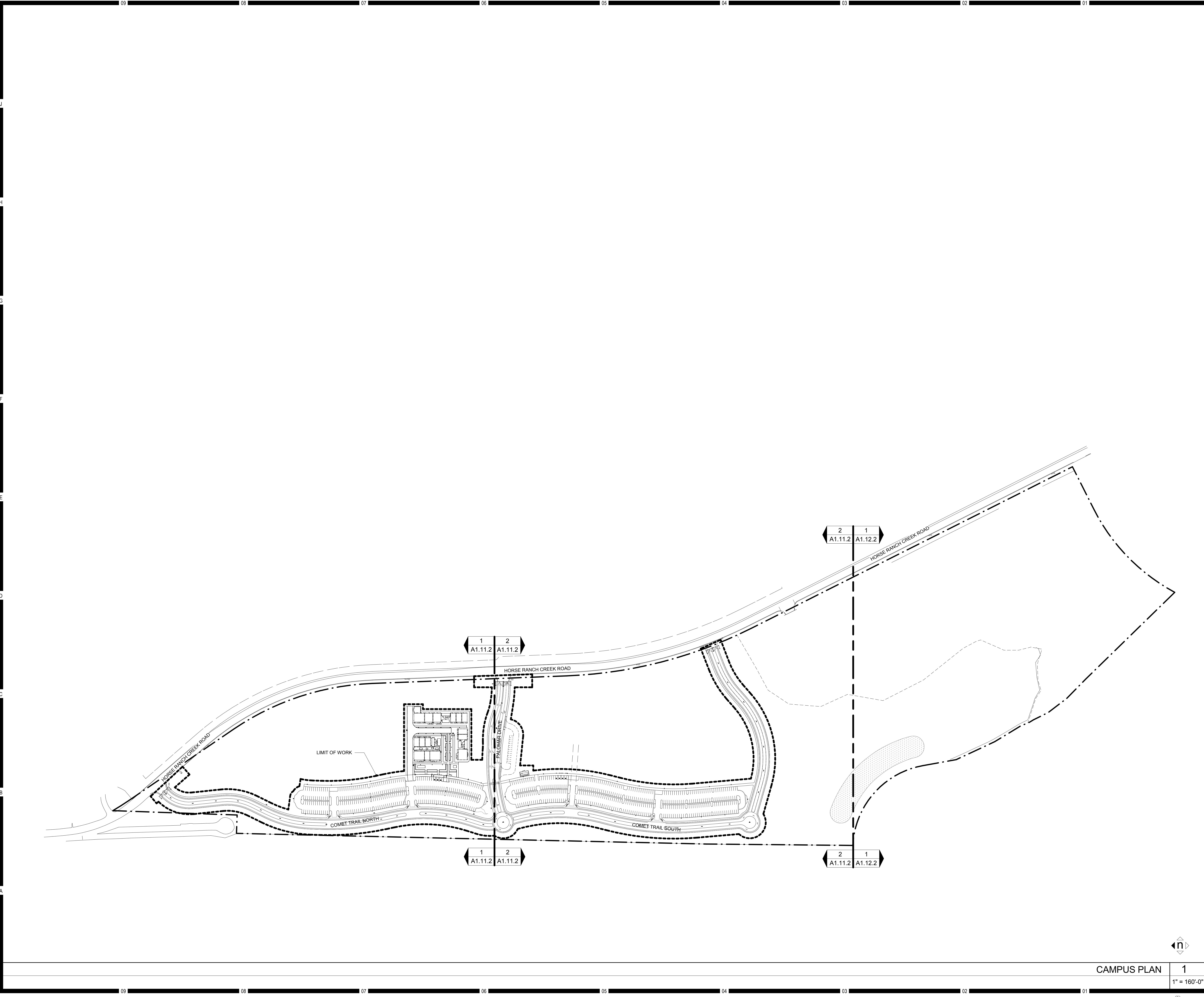


PLEASE RECYCLE

DSA SUBMITTAL



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HMC Architects

3546 Concourse Street / Ontario, CA 91764  
T 909 989 9979 / www.hmcarchitects.com

KEYNOTES

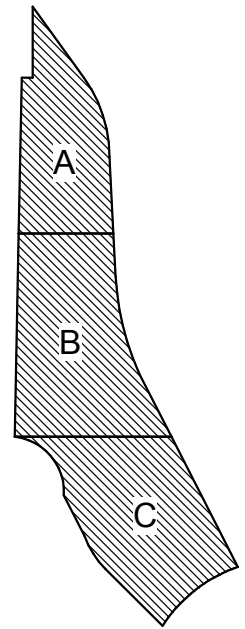
NO. Note - Detail

LEGEND

----- LIMIT OF WORK

NOTES

Key Plan



Consultant Seal

Agency Approval FILE NO. 37-C1

IDENTIFICATION STAMP

DIV. OF THE STATE ARCHITECT

APPL. 04-116580

ACS. FLS. SSS. DATE

Project Title

Palomar North Education Center - Interim Village



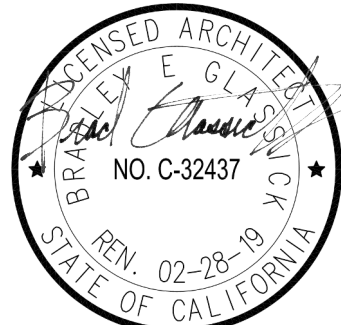
**Palomar College**

35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:  
**OVERALL CAMPUS PLAN**

Architect's Seal



Designed:

BL

Project No. 5015019-102

Drawn:

AC, MB

Scale: 1" = 160'-0"

QAQC

SC

Drawing No.

Date:

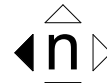
10/06/2017

**A1.10.2**

CAMPUS PLAN

1

1" = 160'-0"



PLEASE RECYCLE

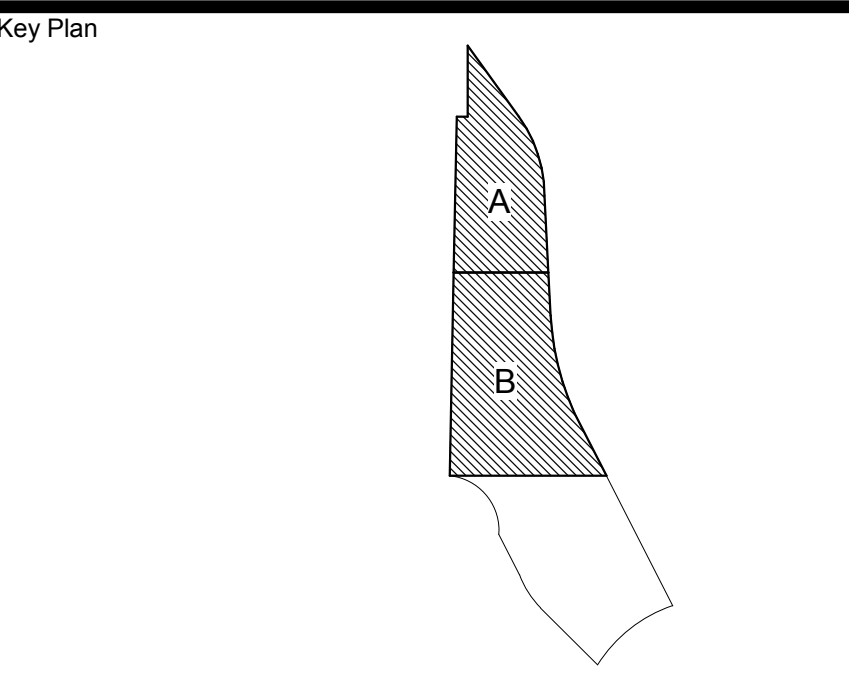


KEYNOTES	
NO.	Note - Detail
10.66	EMERGENCY PHONE - REFER TO TELECOM DRAWINGS

LEGEND	
---	LIMIT OF WORK

PARKING COUNT		
TOTAL STALLS PROVIDED	ACCESSIBLE STALLS PROVIDED	ACCESSIBLE VAN STALLS PROVIDED
695	5	2

NOTES



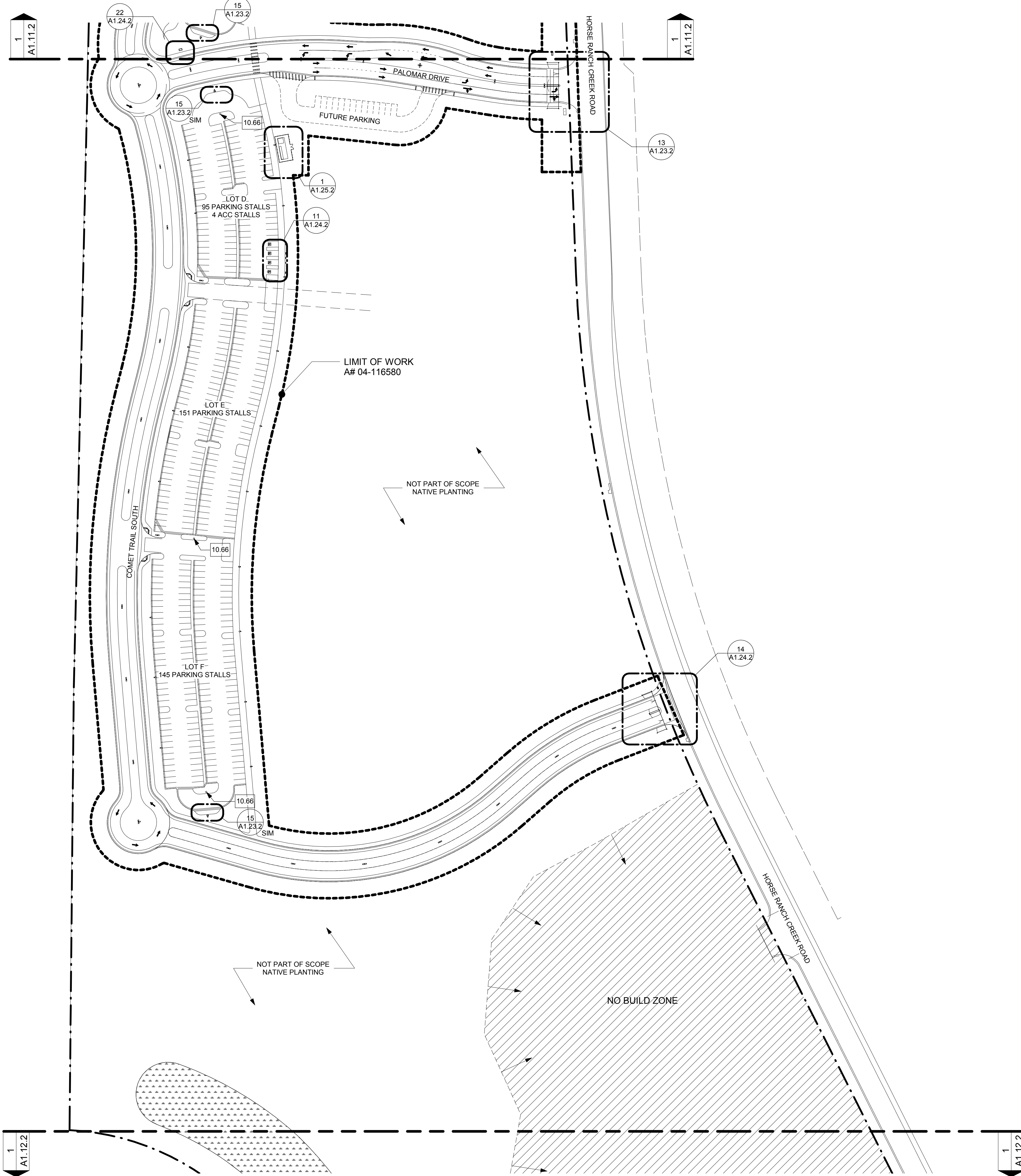
Consultant Seal	Agency Approval IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APPL. 04-116580 ACS. FLS. SSS. DATE
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Project Title: Palomar North Education Center - Interim Village  
**Palomar College**  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

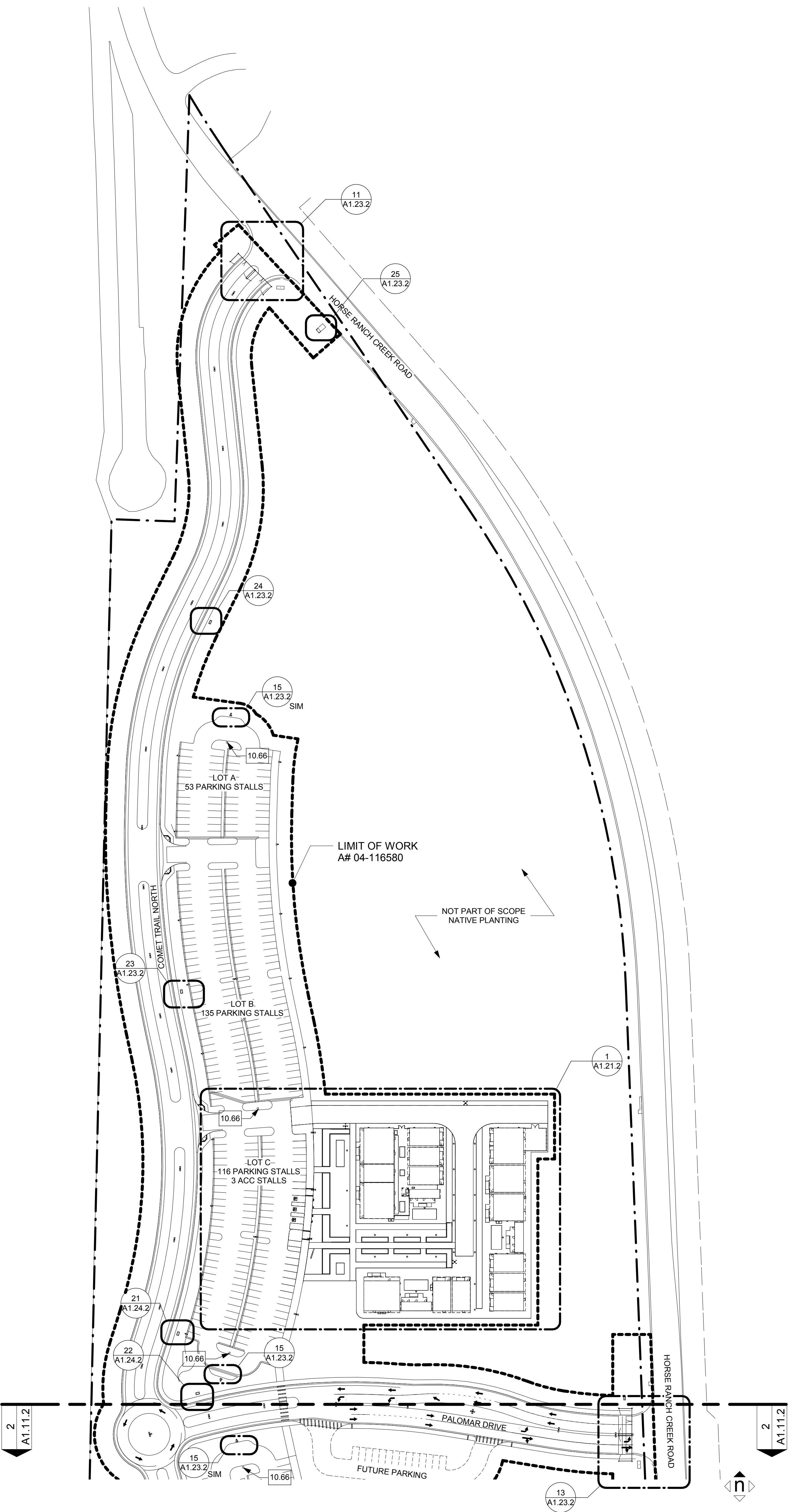
No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title: **SITE PLAN**

Architect's Seal	Designed: BL	Project No. 5015019-102
	Drawn: AC, MB	Scale: 1" = 80'-0"
	QAQC: SC	Drawing No. <b>A1.11.2</b>
	Date: 10/06/2017	



SITE PLAN - SEGMENT B 2  
1" = 80'-0"



SITE PLAN - SEGMENT A 1  
1" = 80'-0"



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FOR REFERENCE ONLY

SITE PLAN - SEGMENT C

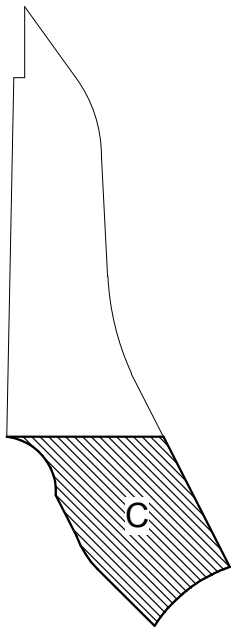
1  
1" = 80'-0"

HMC Architects  
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KEYNOTES

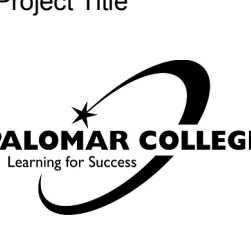
NOTES

Key Plan



Consultant Seal

Agency Approval  
IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APPL. 04-116580  
ACS. FLS. SSS.  
DATE



Palomar North Education Center - Interim Village  
**Palomar College**  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:  
**SITE PLAN**

Architect's Seal



Designed: BL	Project No. 5015019-102
Drawn: AC, MB	Scale: 1" = 80'-0"
QA/QC SC	Drawing No. <b>A1.12.2</b>
Date: 10/06/2017	



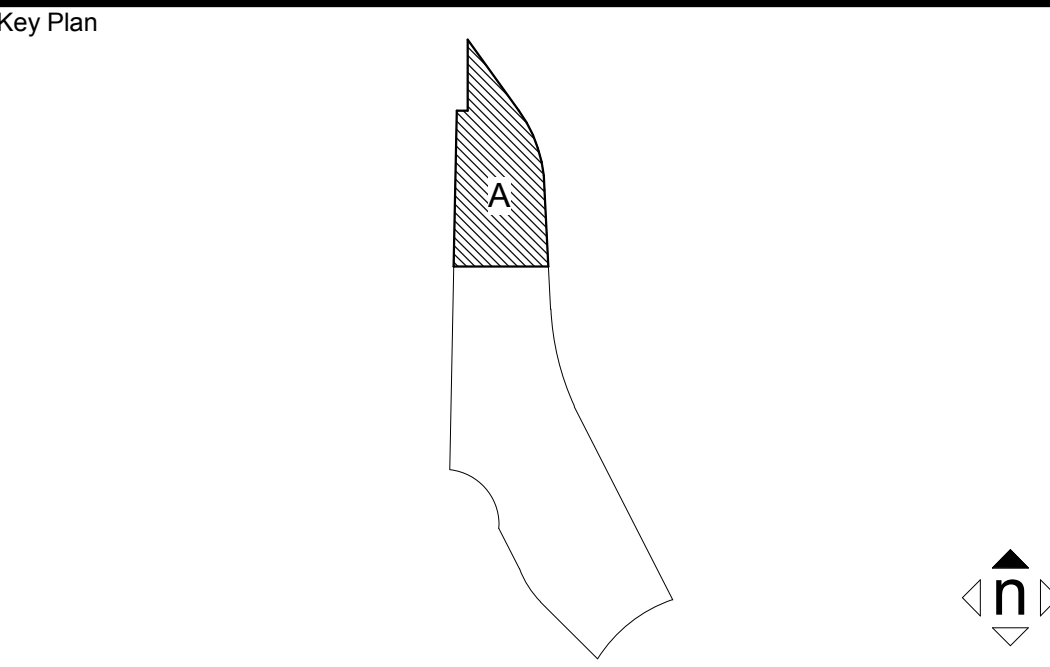
KEYNOTES

NO.	Note - Detail
10.66	EMERGENCY PHONE - REFER TO TELECOM DRAWINGS
15.12	CONDENSING UNIT, UNDER SEPARATE APPLICATION A# 04-116581
15.14	EXHAUST FAN, UNDER SEPARATE APPLICATION A#116582
15.17	AIR HANDLING UNIT, UNDER SEPARATE APPLICATION A#116582
22.07	DRINKING FOUNTAIN - 16/A10.02
22.08	HOSE BIBB
22.13	LABORATORY COMPRESSOR, UNDER SEPARATE APPLICATION A#116582
22.14	LABORATORY VACUUM, UNDER SEPARATE APPLICATION A#116582
26.05	SITE LIGHT FIXTURE, REFER TO ELECTRICAL DWGS
32.27	CONCRETE 6" HOUSE KEEPING SLAB, UNDER SEPARATE APPLICATION A#116582
32.34	FUTURE ENTRY SIGNAGE, PER A#116312
32.39	FIRE HYDRANT - 13/A10.01

LEGEND

	ASPHALT PAVING PER LANDSCAPE DWGS
	PERMEABLE CONCRETE FIRE LANE CONCRETE PAVING PER CIVIL DWGS
	PERMEABLE PAVERS/CONCRETE PER LANDSCAPE DWGS
	LANDSCAPE PER LANDSCAPE DWGS
	CONCRETE PAVING PER LANDSCAPE DWGS
	FUTURE MODULAR BUILDINGS/EQUIPMENT SCOPE SHOWN IN SEPARATE "A" NUMBER, NOT IN THIS CONTRACT

NOTES



Consultant Seal	Agency Approval IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APPL. 04-116580 ACS. FLS. SSS. DATE	FILE NO. 37-C1
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Project Title	Palomar North Education Center - Interim Village
	<b>Palomar College</b>
	35090 Horse Ranch Creek Road Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:  
**ENLARGED SITE PLAN**

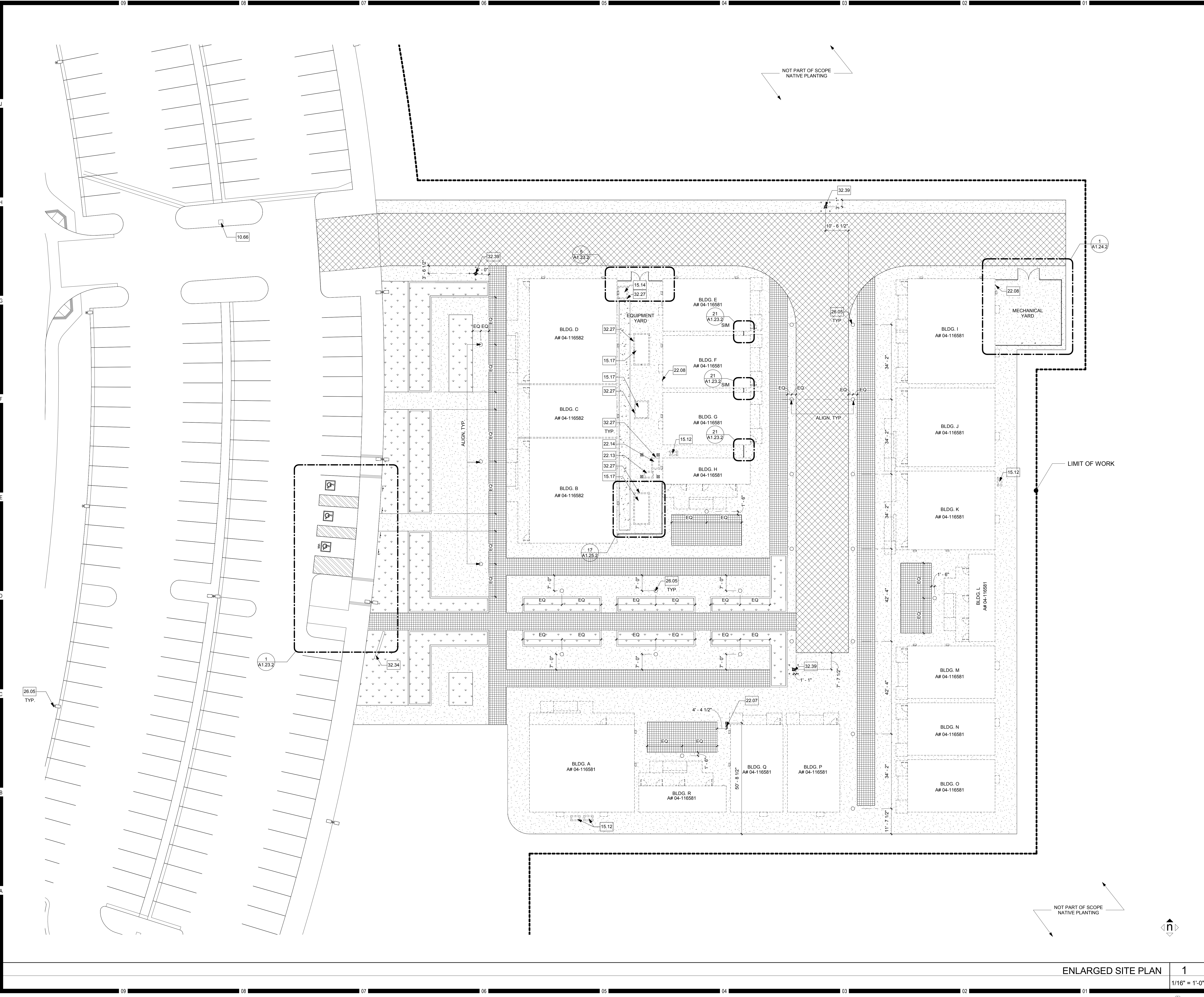
Architect's Seal 	Designed: BL Drawn: AC, MB QAQC: SC	Project No. 5015019-102 Scale: As indicated Drawing No. A1.21.2
	Date: 10/06/2017	

ENLARGED SITE PLAN

1  
1/16" = 1'-0"

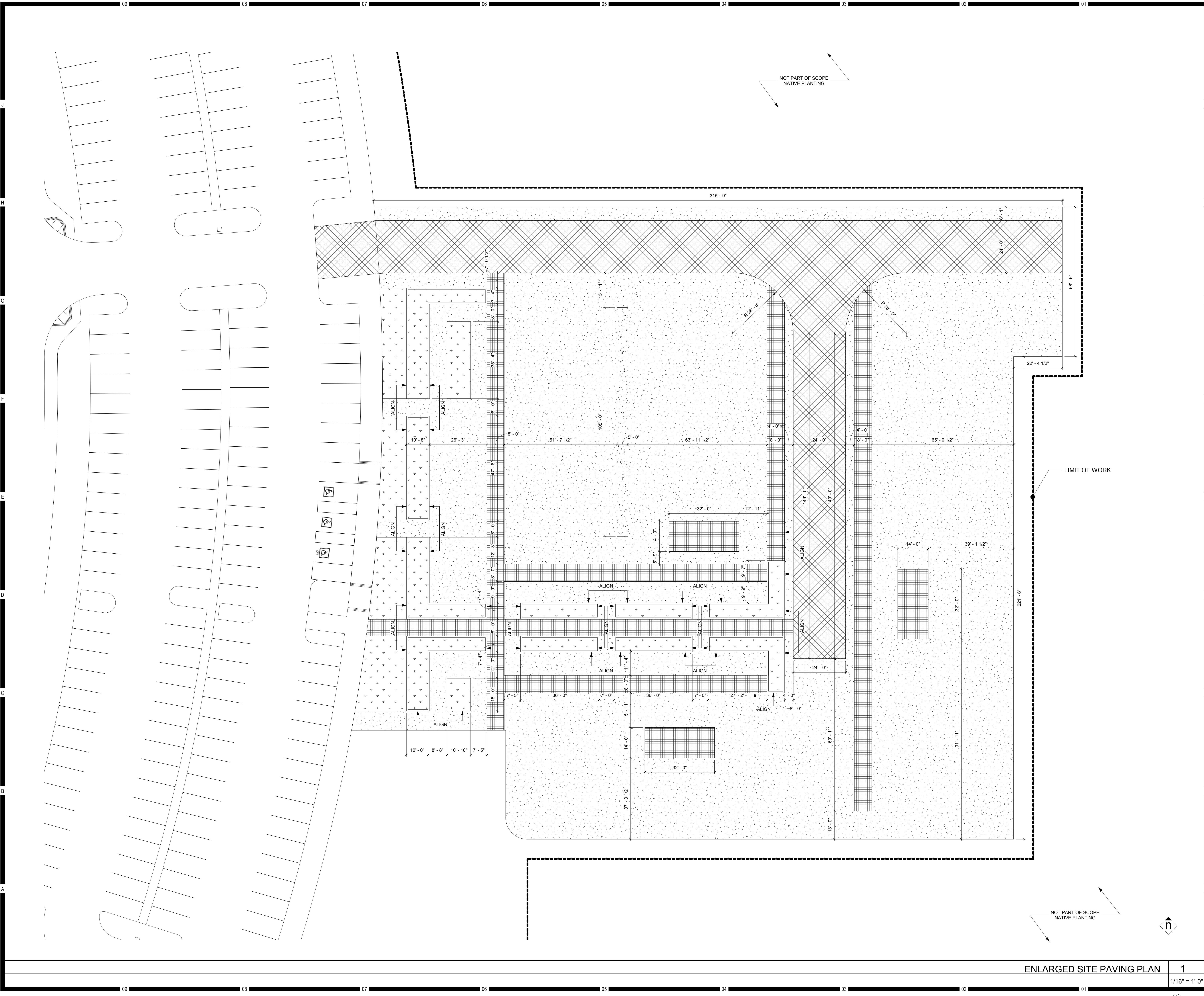
PLEASE RECYCLE

DSA SUBMITTAL





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HMC Architects

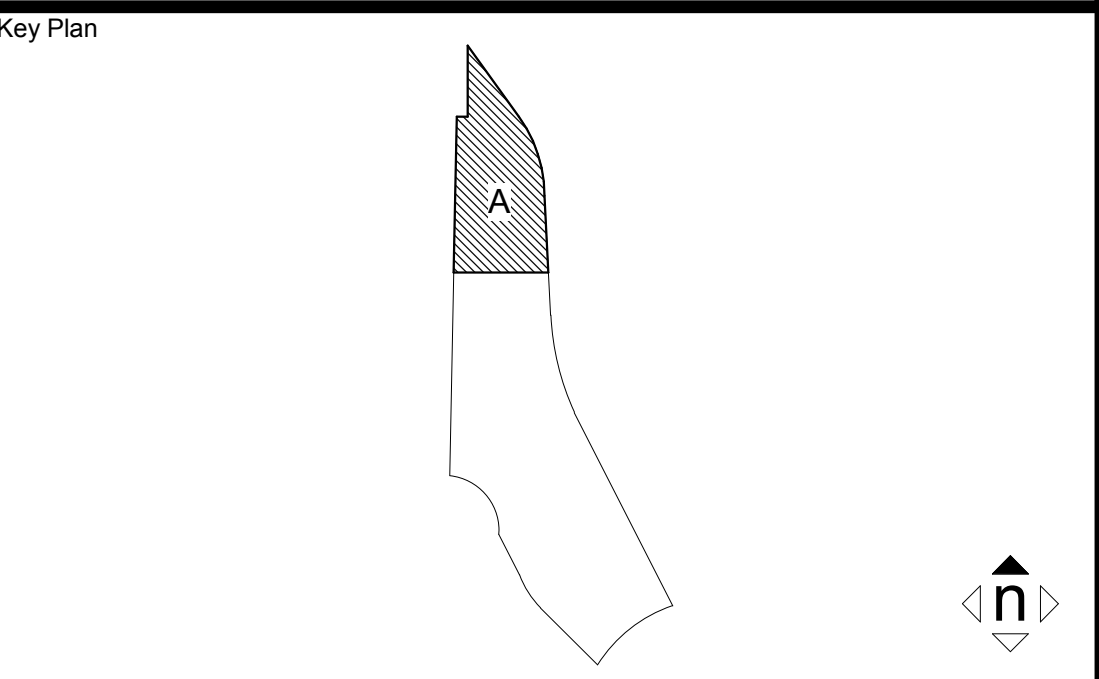
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KEYNOTES

LEGEND

- ASPHALT PAVING  
PER LANDSCAPE DWGS
- PERMEABLE CONCRETE FIRE LANE CONCRETE PAVING  
PER CIVIL DWGS
- PERMEABLE PAVERS/CONCRETE  
PER LANDSCAPE DWGS
- LANDSCAPE  
PER LANDSCAPE DWGS
- CONCRETE PAVING  
PER LANDSCAPE DWGS
- FUTURE MODULAR BUILDINGS/EQUIPMENT  
SCOPE SHOWN IS IN SEPARATE "A" NUMBER,  
NOT IN THIS CONTRACT

NOTES



Consultant Seal	Agency Approval IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APPL. 04-116580 ACS. FLS. SSS. DATE	FILE NO. 37-C1
-----------------	---	----------------

Project Title	Palomar North Education Center - Interim Village
Palomar College	35090 Horse Ranch Creek Road Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title: SITE PAVING PLAN

Architect's Seal	Designed: BL	Project No. 5015019-102
Drawn: AC, MB	Scale: As indicated	
QAQC SC	Drawing No. A1.22.2	
Date: 10/06/2017		




KEYNOTES

NO.	Note - Detail
02.27	(E) PRIMARY SWITCH TO REMAIN, PROTECT IN PLACE
09.66	EDGE OF MODULAR BUILDING
10.09	ACCESSIBLE ROUTE SIGN AND POST - 3/A10.02
10.10	ACCESSIBLE PARKING SIGN AND POST - 4/A10.02
10.11	ACCESSIBLE VAN PARKING SIGN AND POST - 4/A10.02
11.05	PARKING KIOSK - 15/A10.02
15.14	EXHAUST FAN, UNDER SEPARATE APPLICATION A#116582
26.05	SITE LIGHT FIXTURE, REFER TO ELECTRICAL DWGS.
26.07	(N) METER PEDESTAL, REFER TO ELECTRICAL DWGS.
26.08	(N) PRIMARY SWITCH, REFER TO ELECTRICAL DWGS.
32.01	VEHICULAR GATE
32.04	PARKING STRIPING PAINTED WHITE
32.05	LANDSCAPED AREA
32.07	ISA PAVEMENT SYMBOL - 14/A10.02
32.08	CONCRETE WHEEL STOP - 20/A10.01
32.09	12" HIGH "NO PARKING" PAVEMENT MARKING PAINTED WHITE
32.10	TRUNCATED DOMES - 9/A10.01
32.12	ACCESS AISLE - PERIMETER PAINTED BLUE, FIELD PAINTED WHITE
32.27	CONCRETE 6" HOUSE KEEPING SLAB, UNDER SEPARATE APPLICATION A#116582
32.28	CONCRETE CURB
32.30	VAN ACCESSIBLE STALL
32.34	FUTURE ENTRY SIGNAGE, PER A#116312
32.35	LEVEL LANDING (2% MAX CROSS SLOPE)
32.36	FLUSH TRANSITION
32.37	CONCRETE PAVING/WALK
32.38	FUTURE MONUMENT SIGN PER A#116312
32.40	CHAINLINK FENCE
32.41	CHAINLINK GATE
32.42	WIND SCREEN WITHIN INTERIOR OF EQUIPMENT YARD/MAINTENANCE YARD
32.44	BOULDERS, OFCI

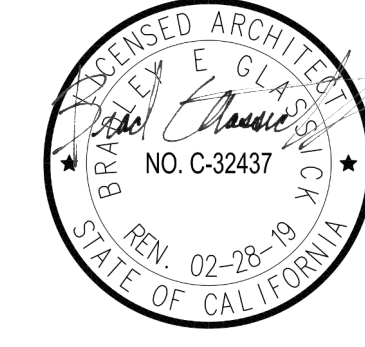
NOTES

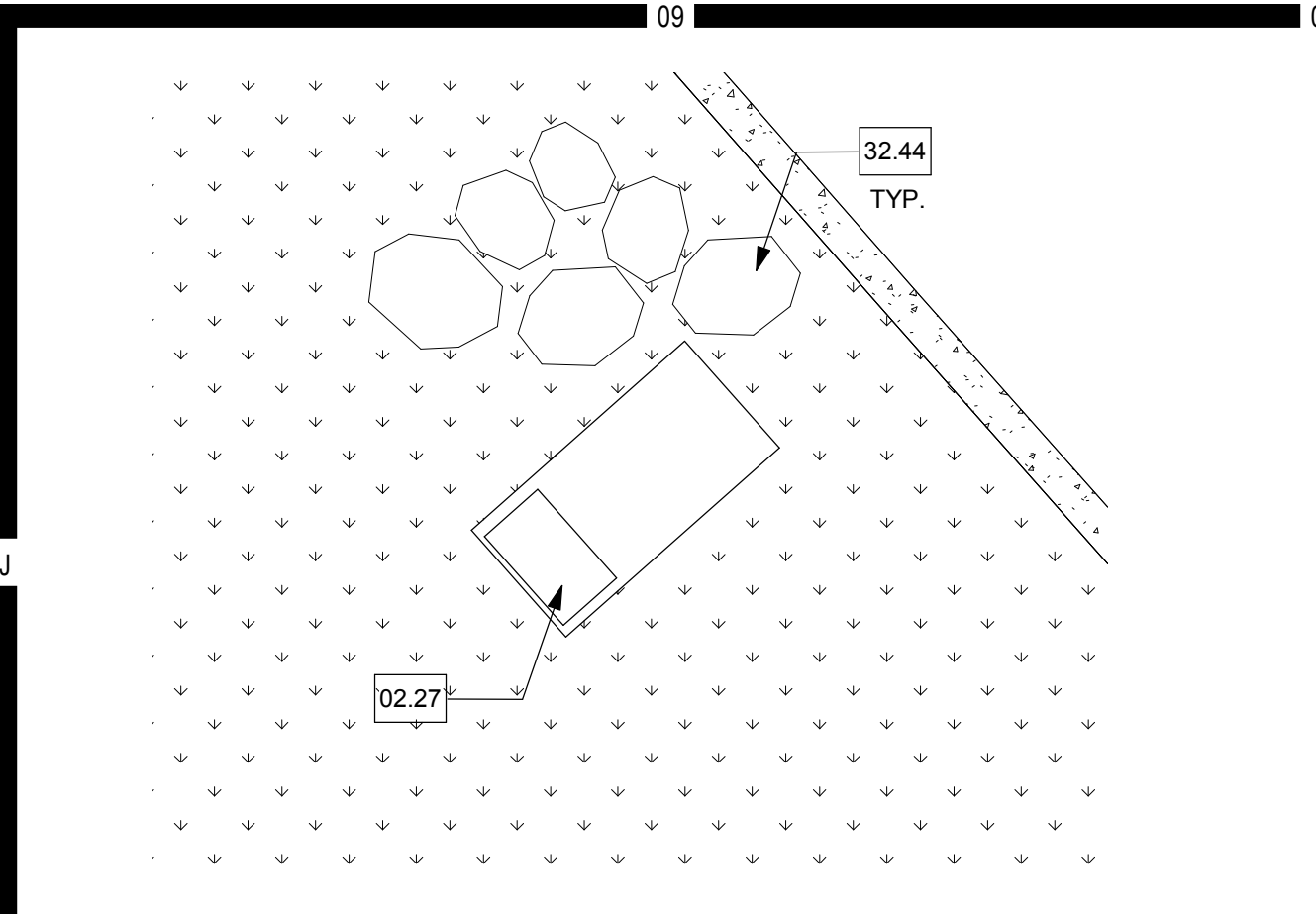
Consultant Seal	Agency Approval	FILE NO. 37-C1
	IDENTIFICATION STAMP	
	DIV. OF THE STATE ARCHITECT	
	APPL. 04-116580	
	ACS_____ FLS_____ SSS_____	
	DATE _____	

Project Title	Palomar North Education Center - Interim Village
	<b>Palomar College</b>
	35090 Horse Ranch Creek Road
	Fallbrook, CA 92028

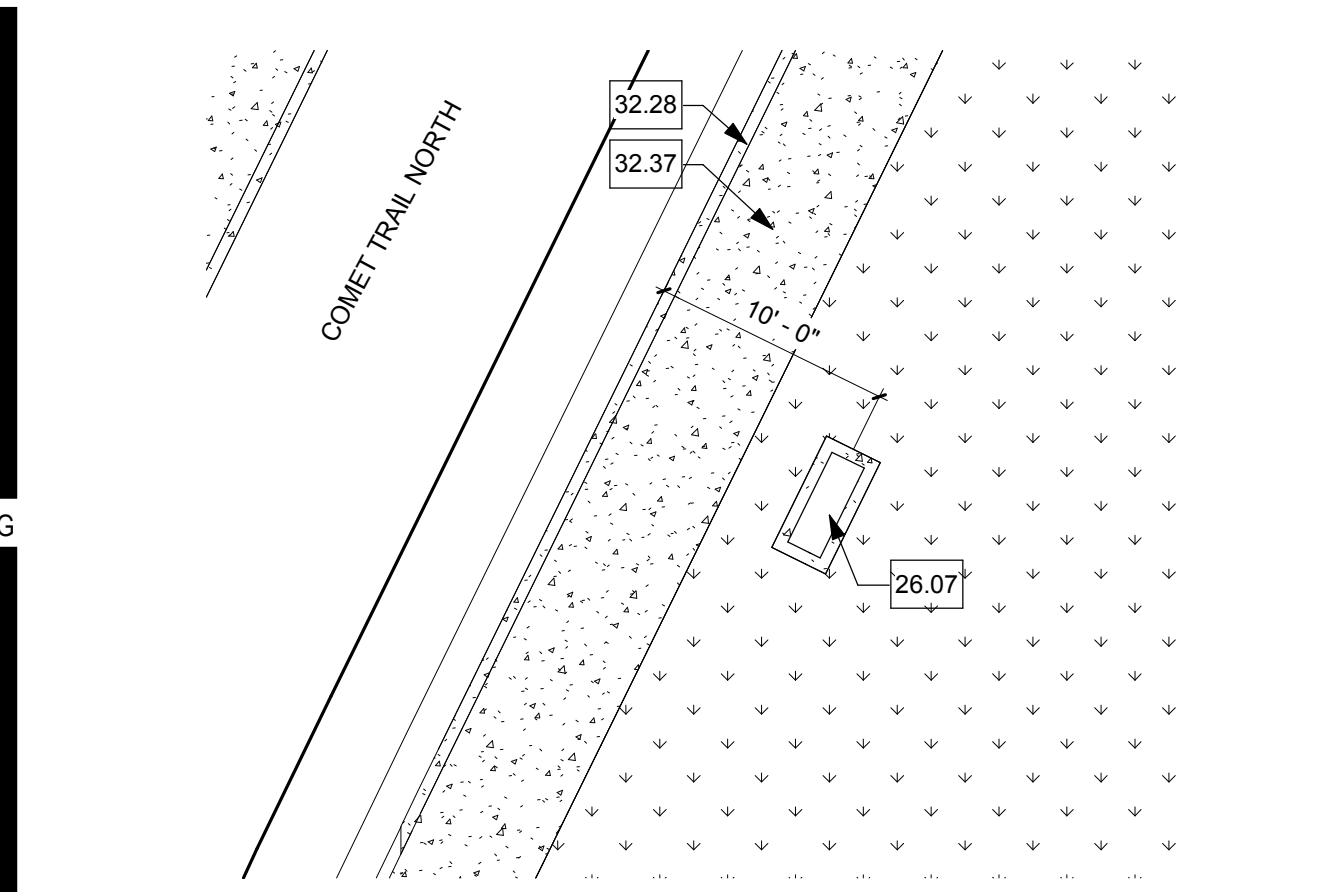
No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:  
**ENLARGED SITE PLANS**

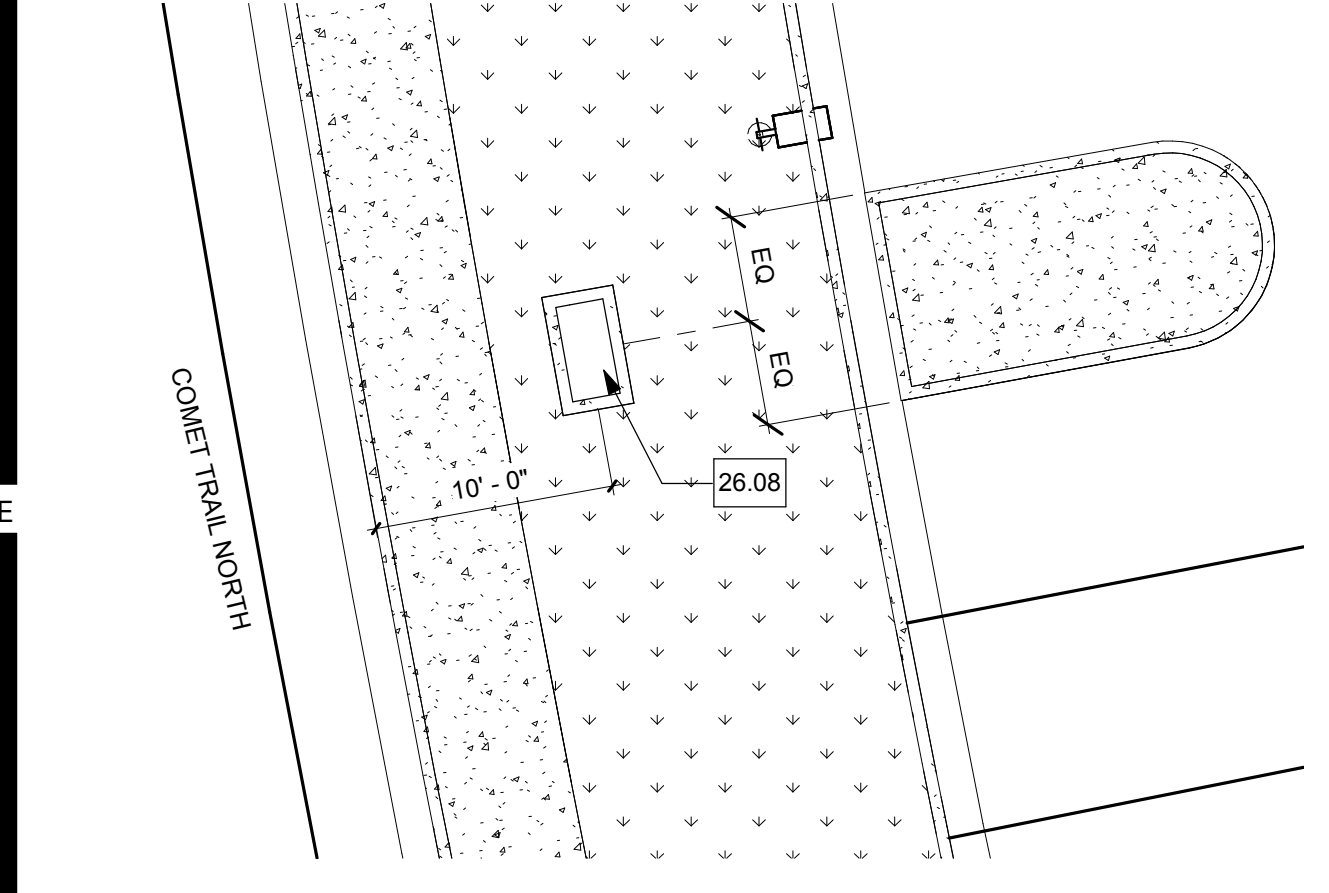
Architect's Seal	Designed: BL	Project No. 5015019-102
	Drawn: AC, MB	Scale: As indicated
	QA/QC SC	Drawing No. A1.23.2
	Date: 10/06/2017	



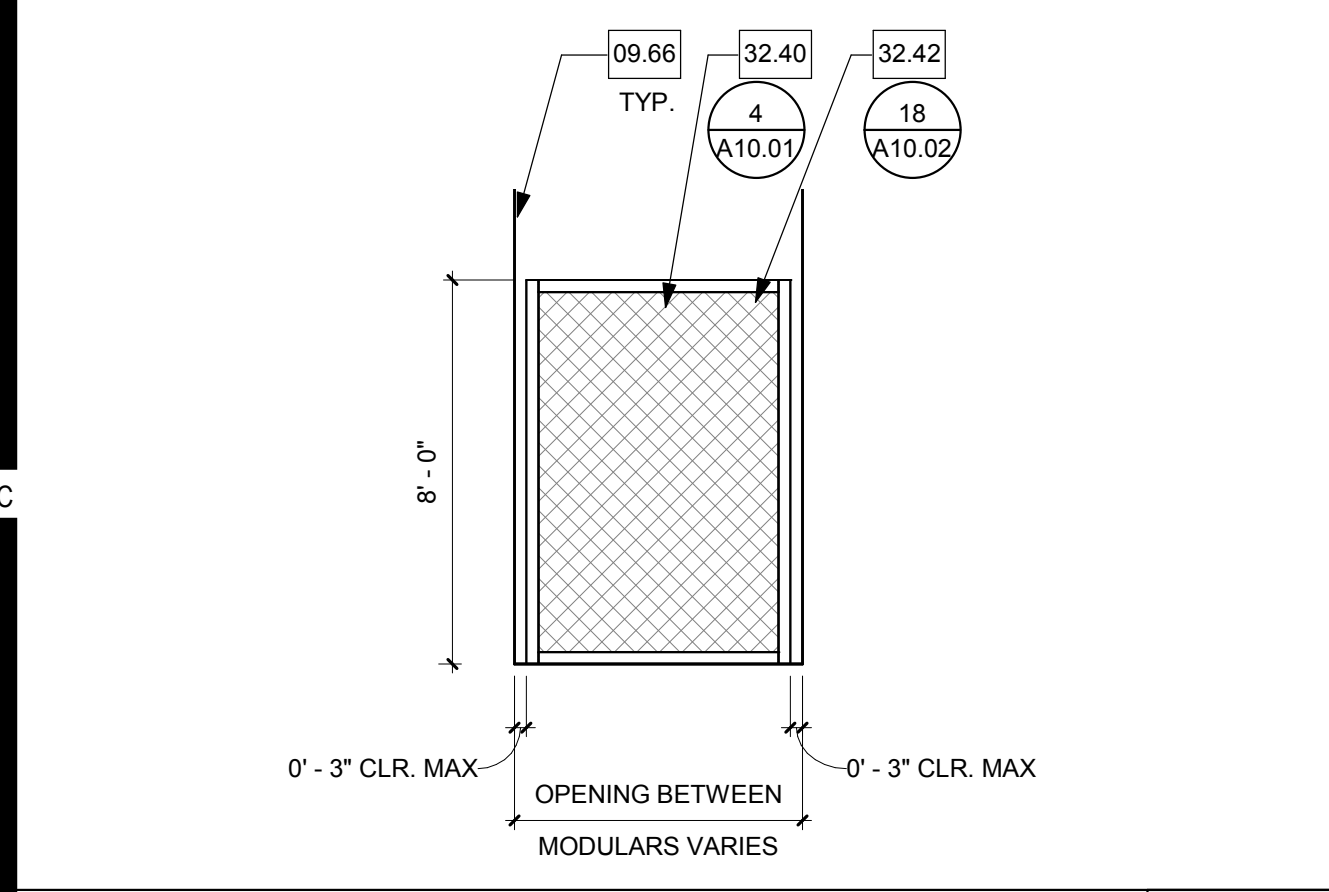
ENLARGED SITE PLAN - PRIMARY SWITCH 25  
1/8" = 1'-0"



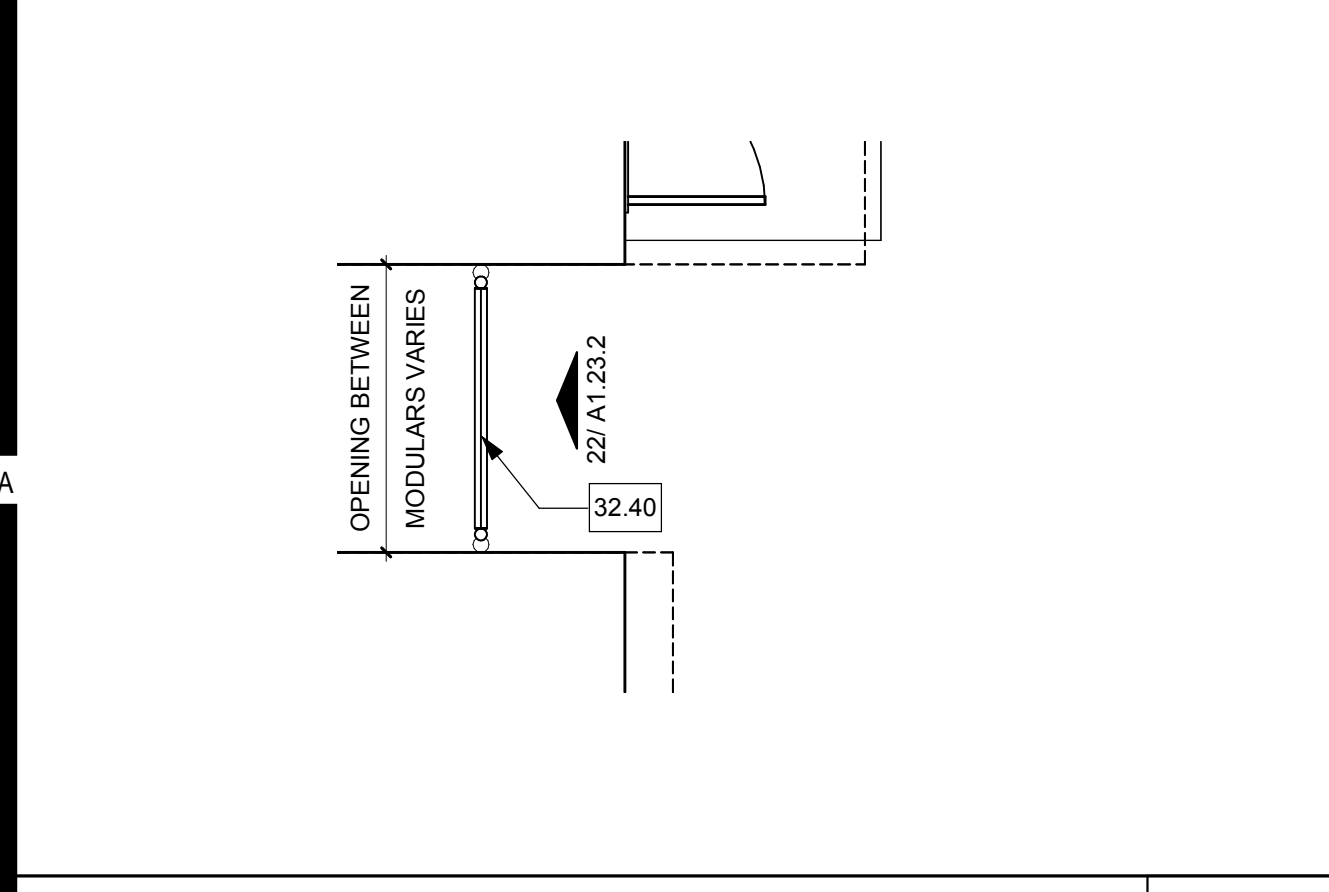
NORTH METER PEDESTAL 24  
1/8" = 1'-0"



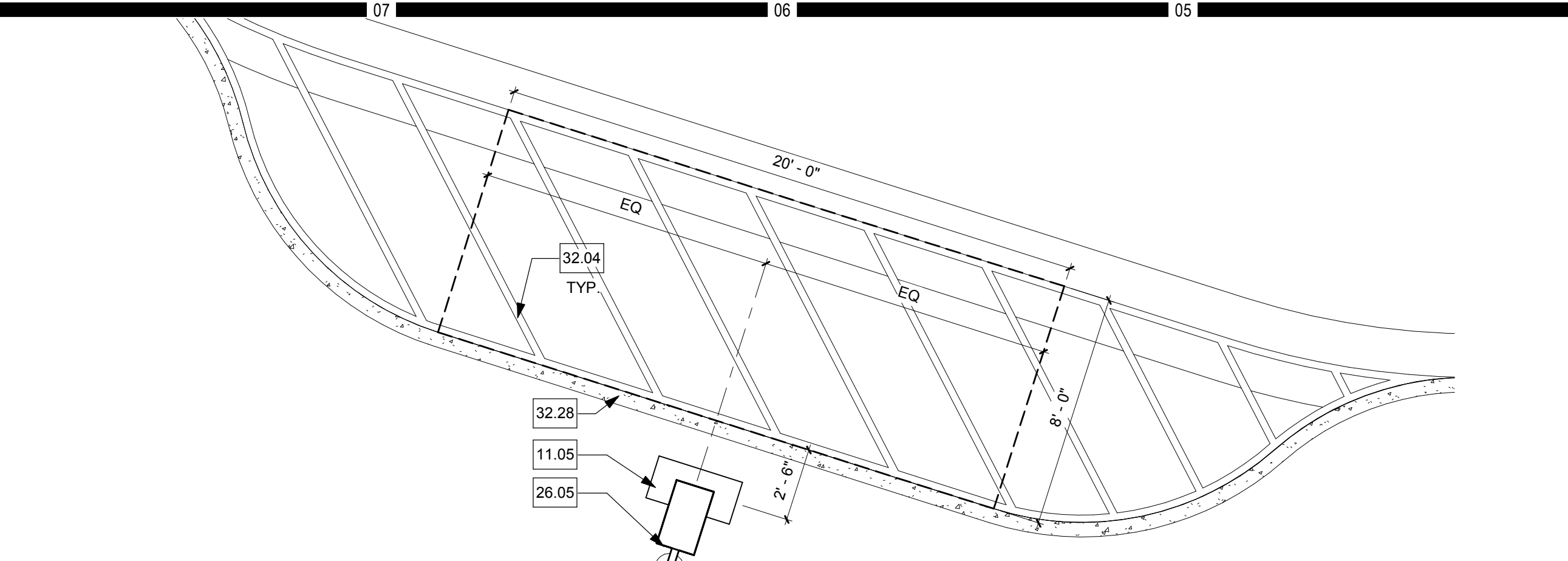
PRIMARY SWITCH NEAR PARKING LOT B 23  
1/8" = 1'-0"



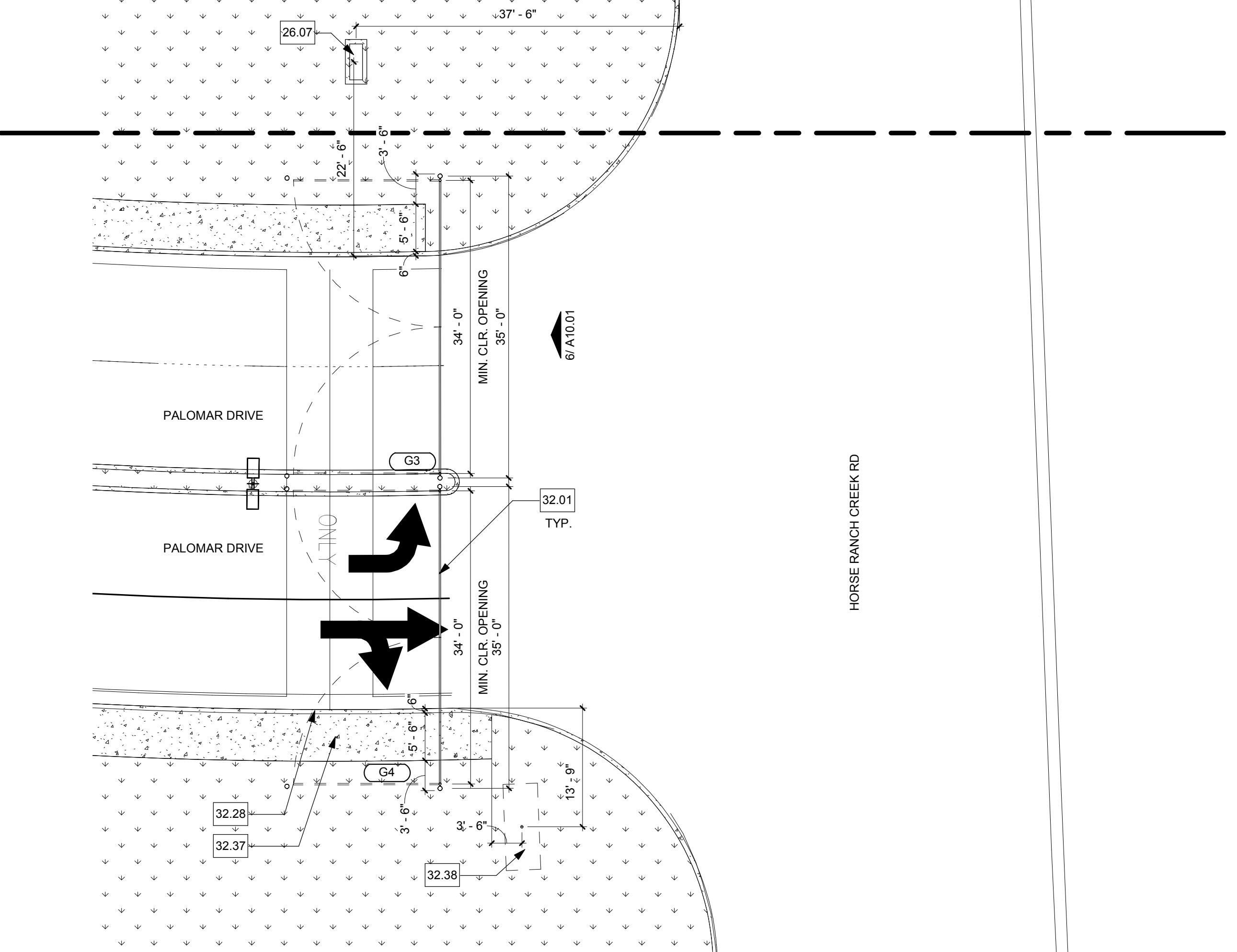
CHAINLINK FENCE @ EQUIPMENT YARD 22  
1/4" = 1'-0"



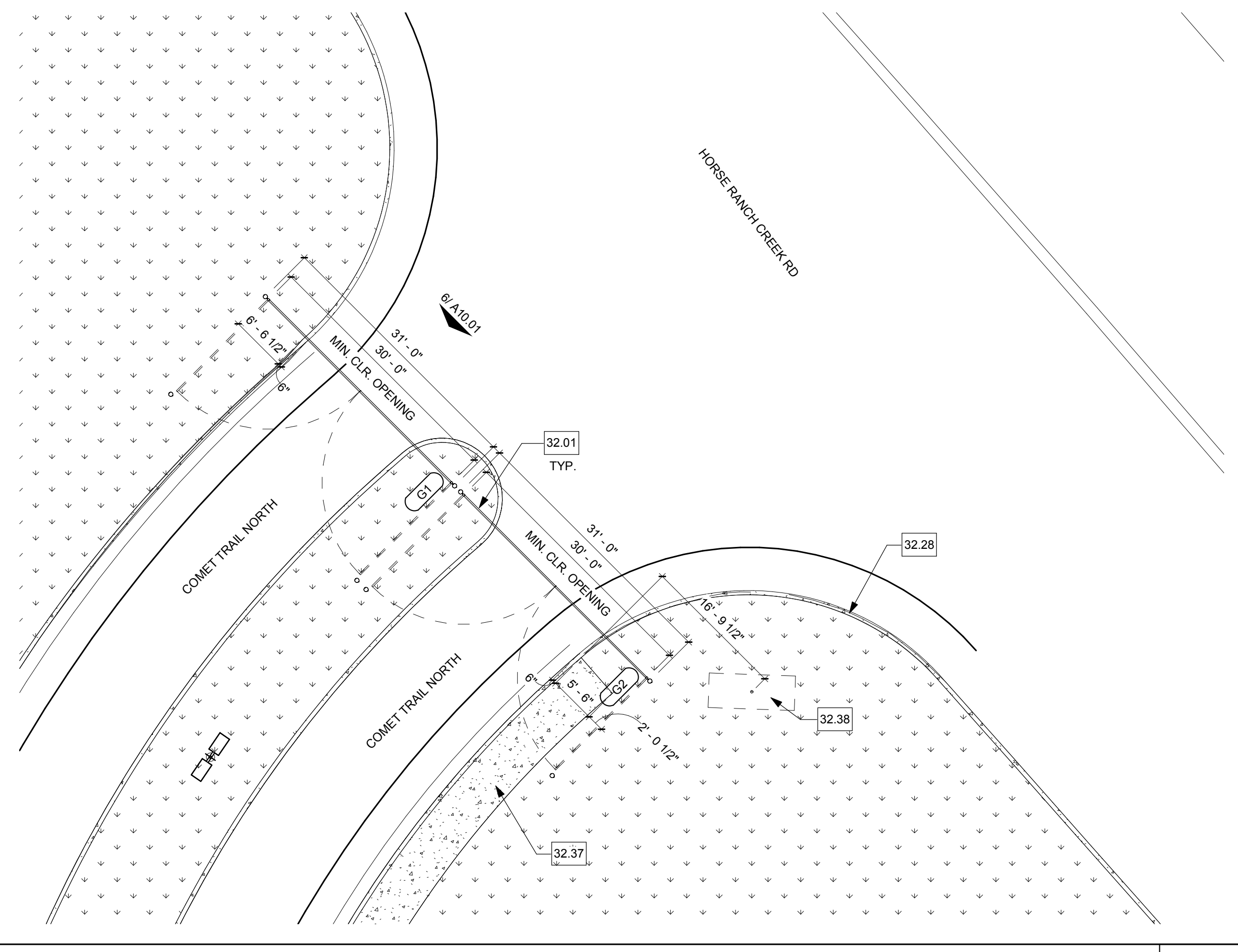
CHAINLINK FENCE @ EQUIPMENT YARD 21  
1/4" = 1'-0"



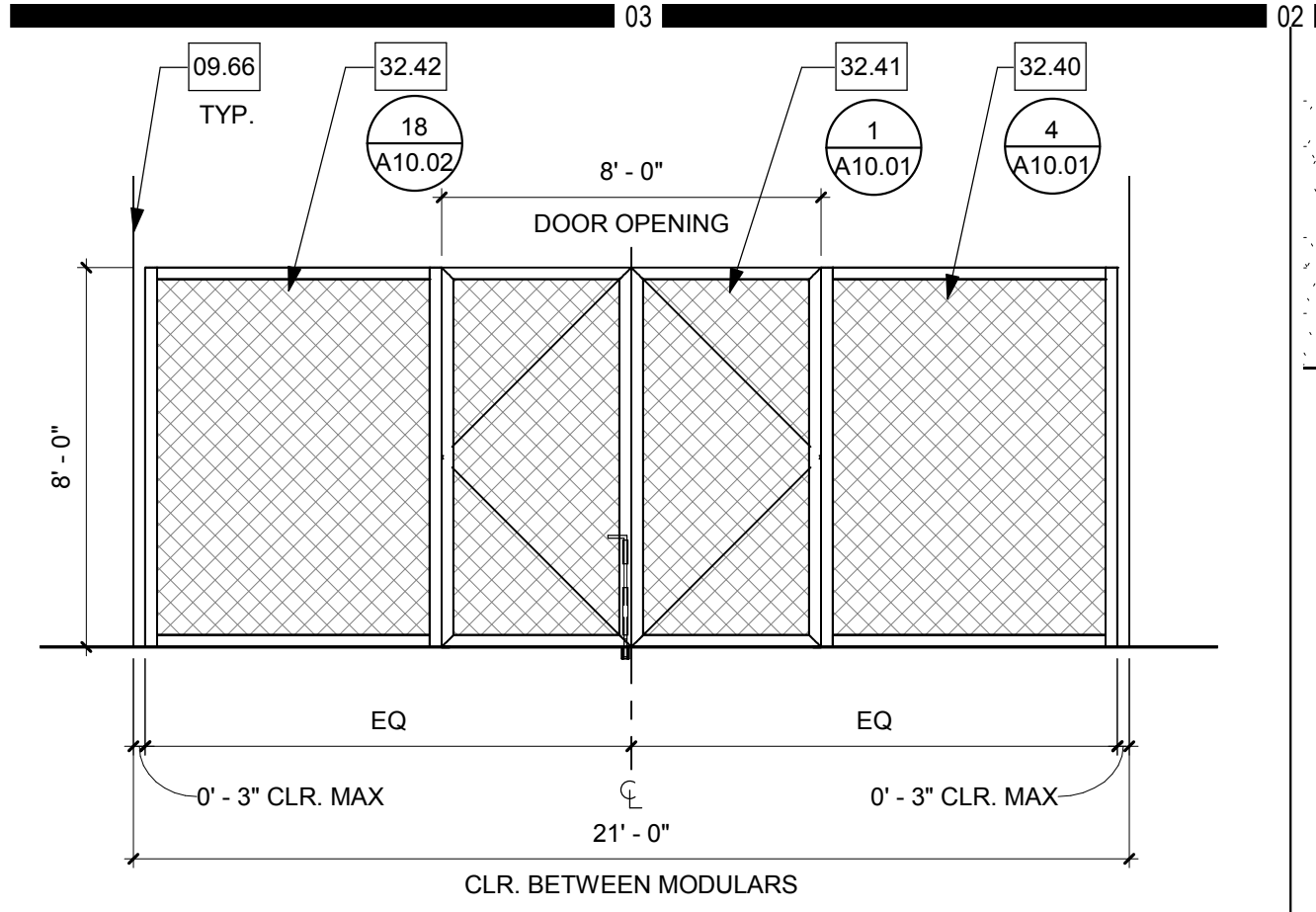
PARKING KIOSK - LOT C (TYPICAL) 15  
1/4" = 1'-0"



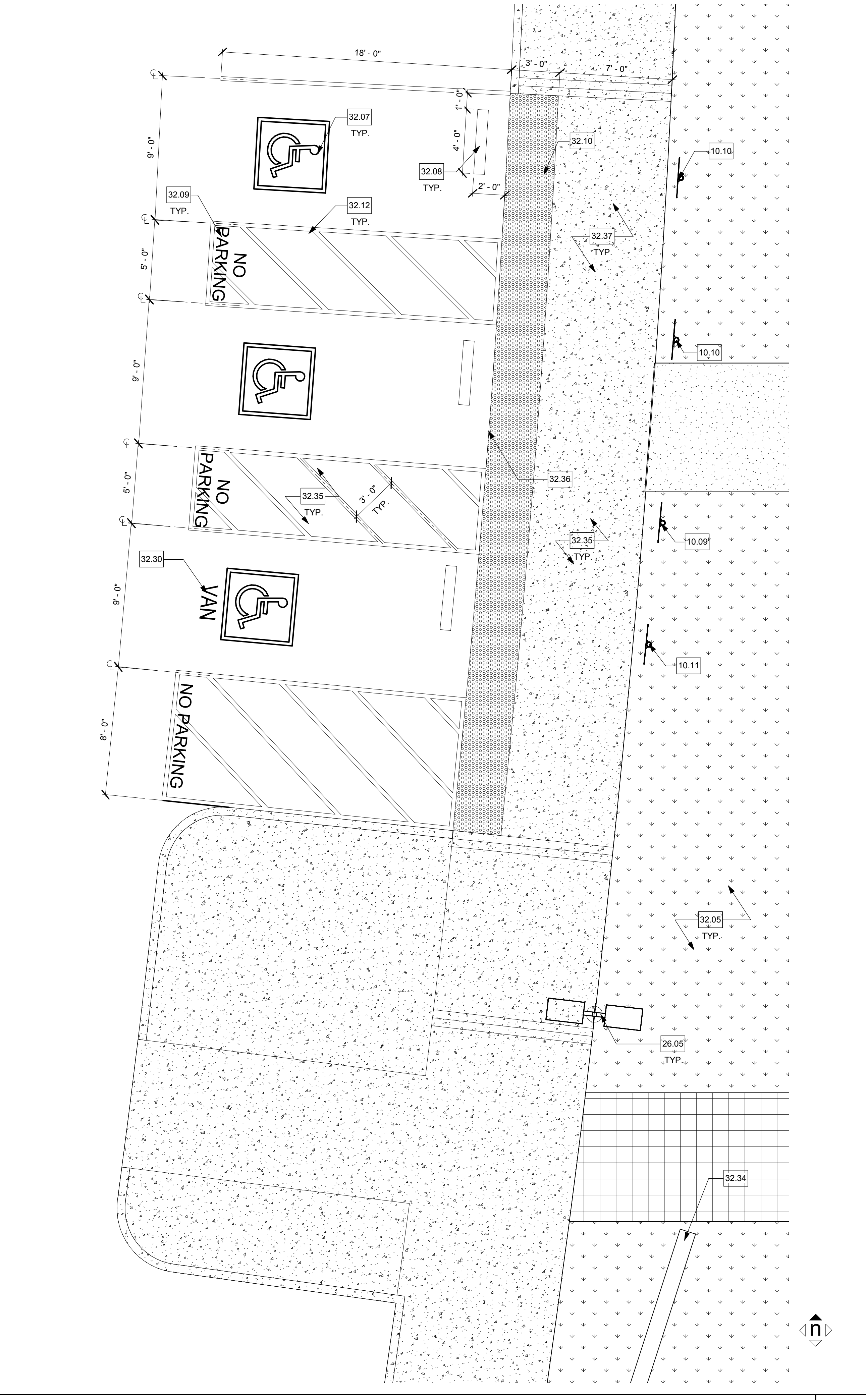
EAST CAMPUS ENTRANCE - MONUMENT SIGN 13  
3/32" = 1'-0"



NORTH CAMPUS ENTRANCE - MONUMENT SIGN 11  
3/32" = 1'-0"



CHAINLINK GATE @ EQUIPMENT YARD 10  
1/4" = 1'-0"



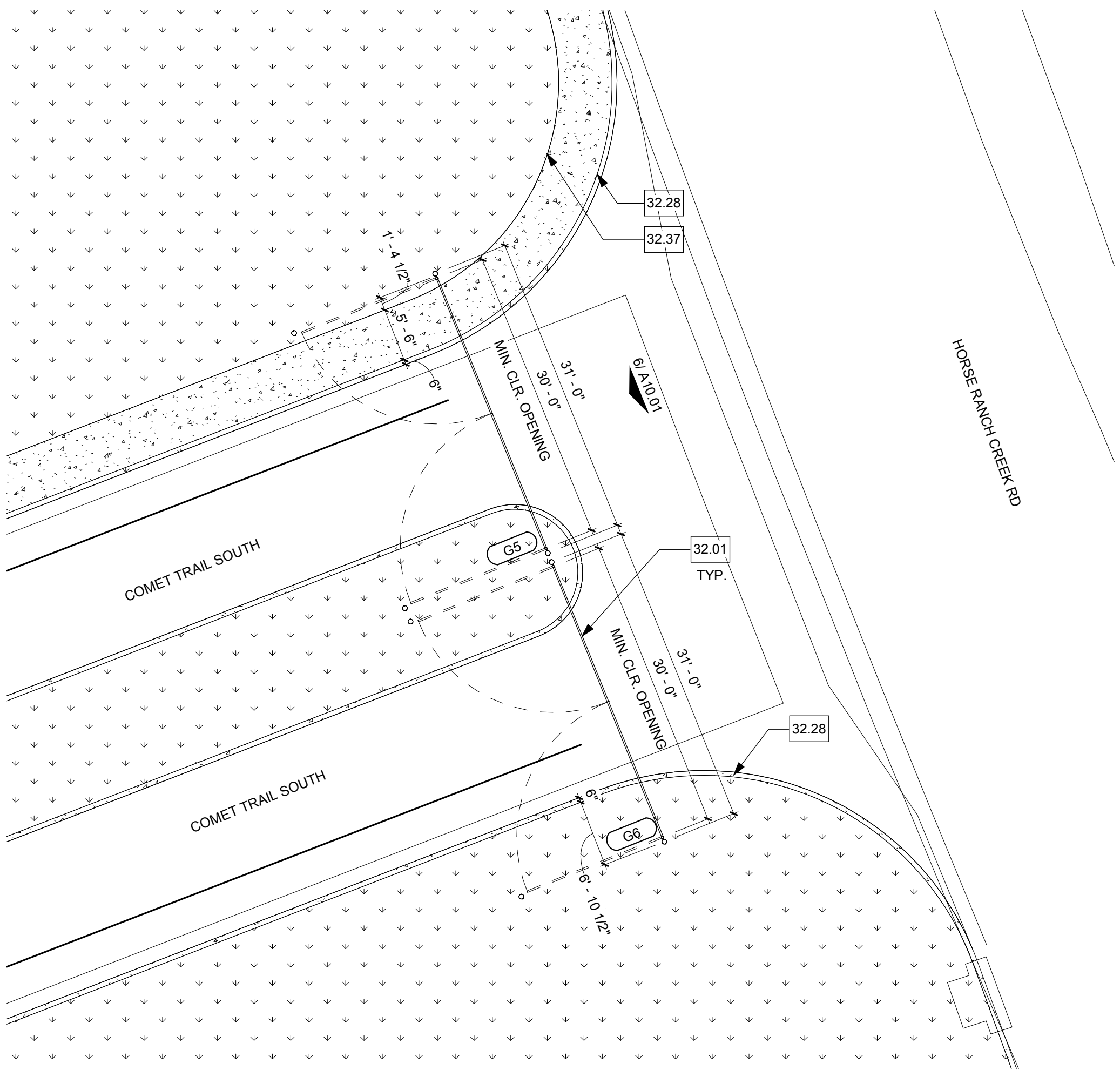
ACCESSIBLE PARKING STALLS - LOT C 1  
1/4" = 1'-0"



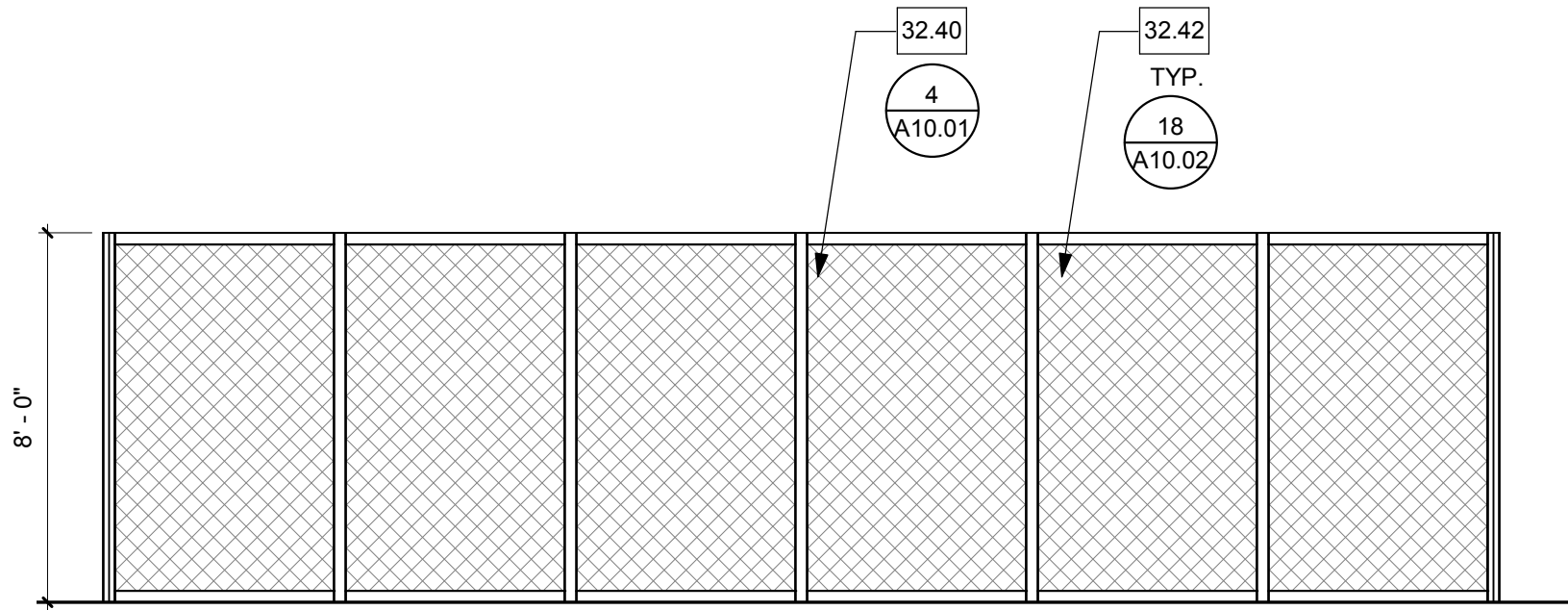
KEYNOTES

NO.	Note - Detail
09.66	EDGE OF MODULAR BUILDING
10.09	ACCESSIBLE ROUTE SIGN AND POST - 3/A10.02
10.10	ACCESSIBLE PARKING SIGN AND POST - 4/A10.02
10.11	ACCESSIBLE VAN PARKING SIGN AND POST - 4/A10.02
22.08	HOSE BIBB
26.06	CHARGING STATION - REFER TO ELECTRICAL DWGS
26.08	(N) PRIMARY SWITCH, REFER TO ELECTRICAL DWGS.
32.01	VEHICULAR GATE
32.07	ISA PAVEMENT SYMBOL - 14/A10.02
32.08	CONCRETE WHEEL STOP - 20/A10.01
32.09	12" HIGH "NO PARKING" PAVEMENT MARKING PAINTED WHITE
32.10	TRUNCATED DOMES - 9/A10.01
32.12	ACCESS AISLE - PERIMETER PAINTED BLUE, FIELD PAINTED WHITE
32.28	CONCRETE CURB
32.30	VAN ACCESSIBLE STALL
32.35	LEVEL LANDING (2% MAX CROSS SLOPE)
32.36	FLUSH TRANSITION
32.37	CONCRETE PAVINGWALK
32.40	CHAINLINK FENCE
32.41	CHAINLINK GATE
32.42	WIND SCREEN WITHIN INTERIOR OF EQUIPMENT YARD/MAINTENANCE YARD
32.43	MODULAR BUILDING

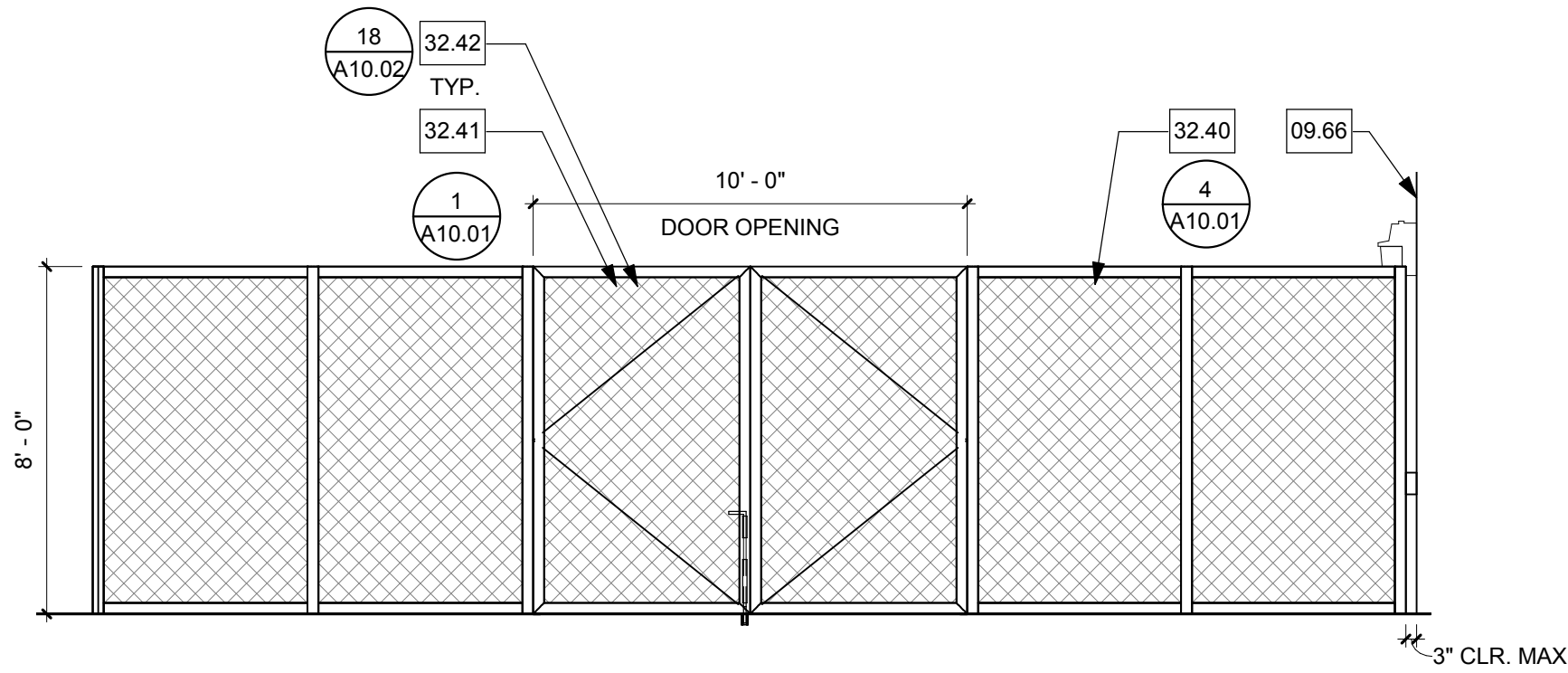
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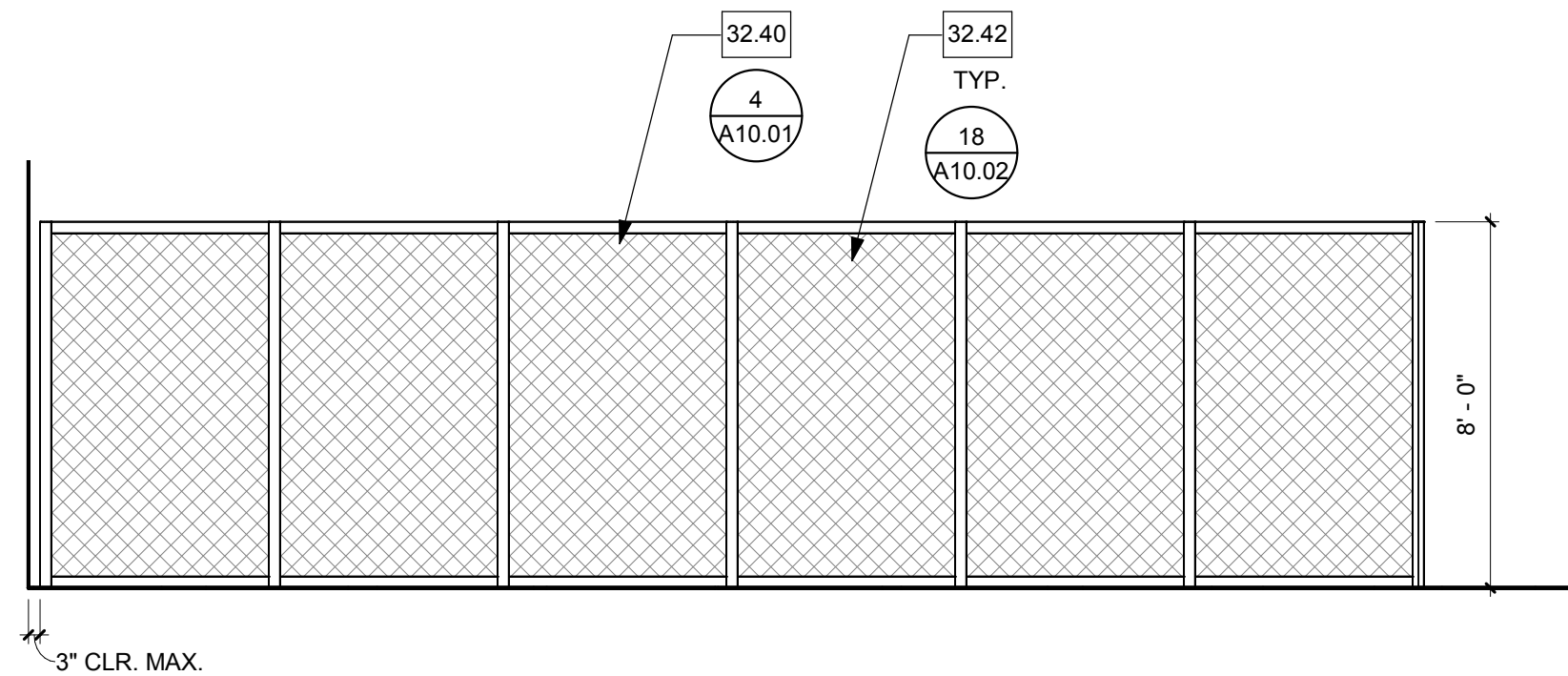
EAST CAMPUS ENTRANCE 14  
3/32" = 1'-0"



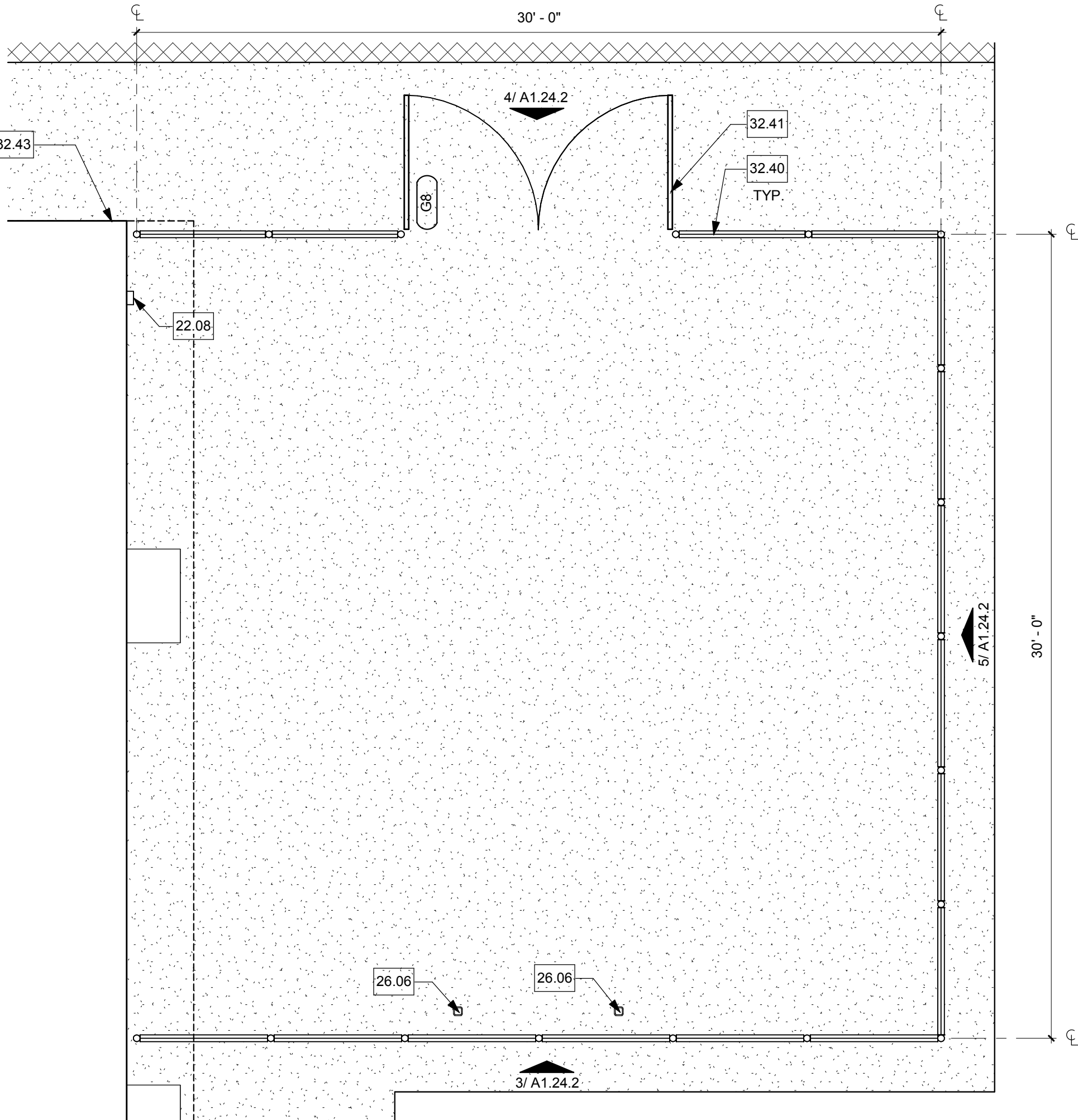
CHAINLINK FENCE @ MAINTENANCE YARD 5  
1/4" = 1'-0"



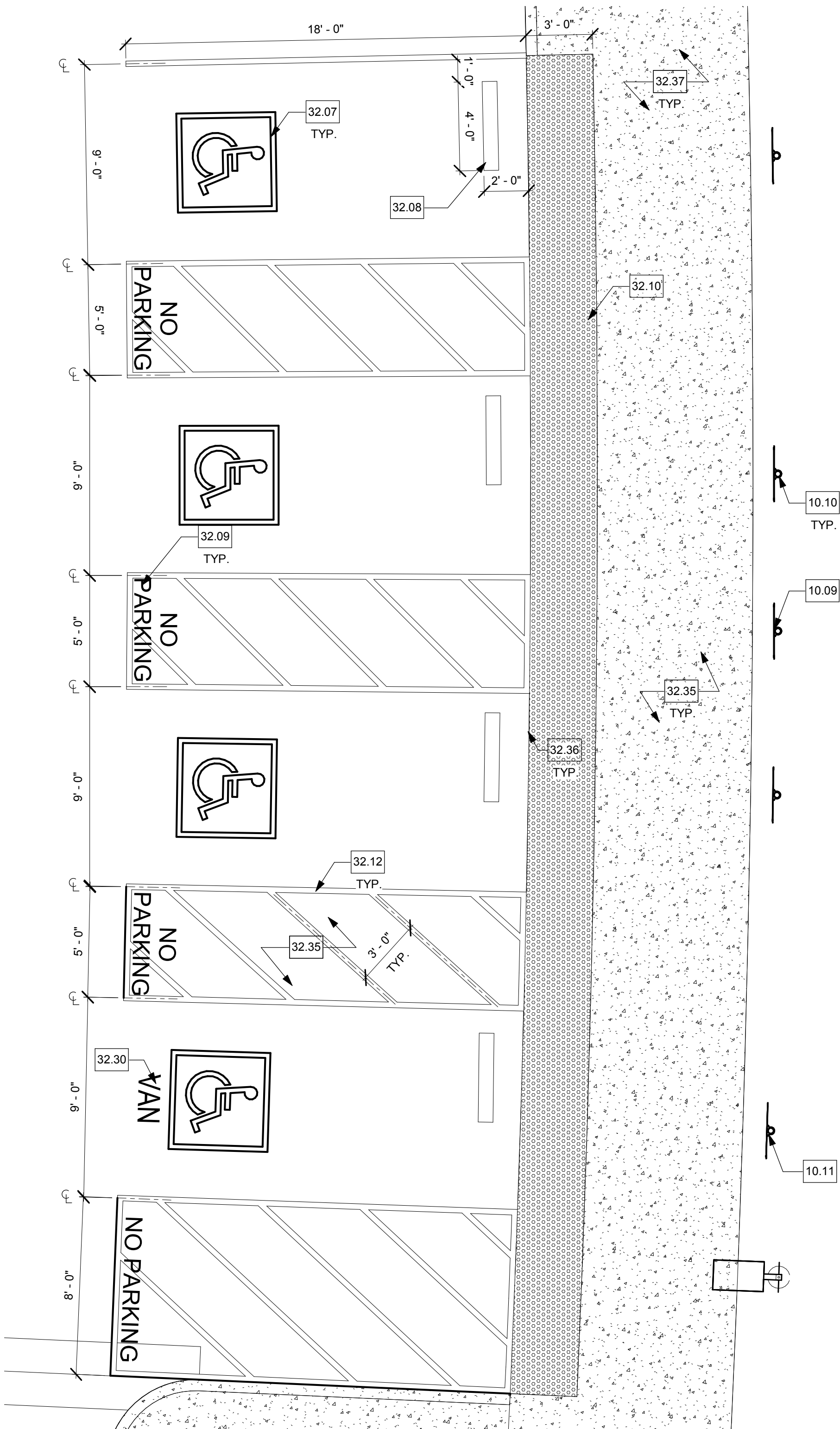
CHAINLINK FENCE @ MAINTENANCE YARD 4  
1/4" = 1'-0"



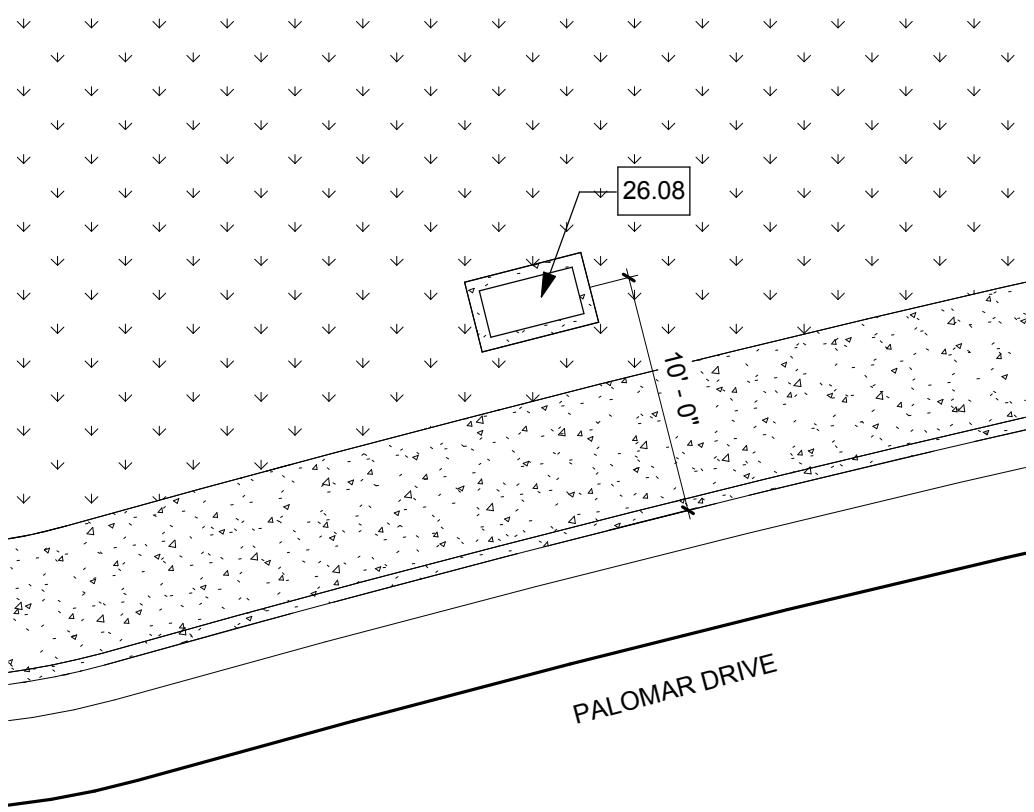
CHAINLINK FENCE @ MAINTENANCE YARD 3  
1/4" = 1'-0"



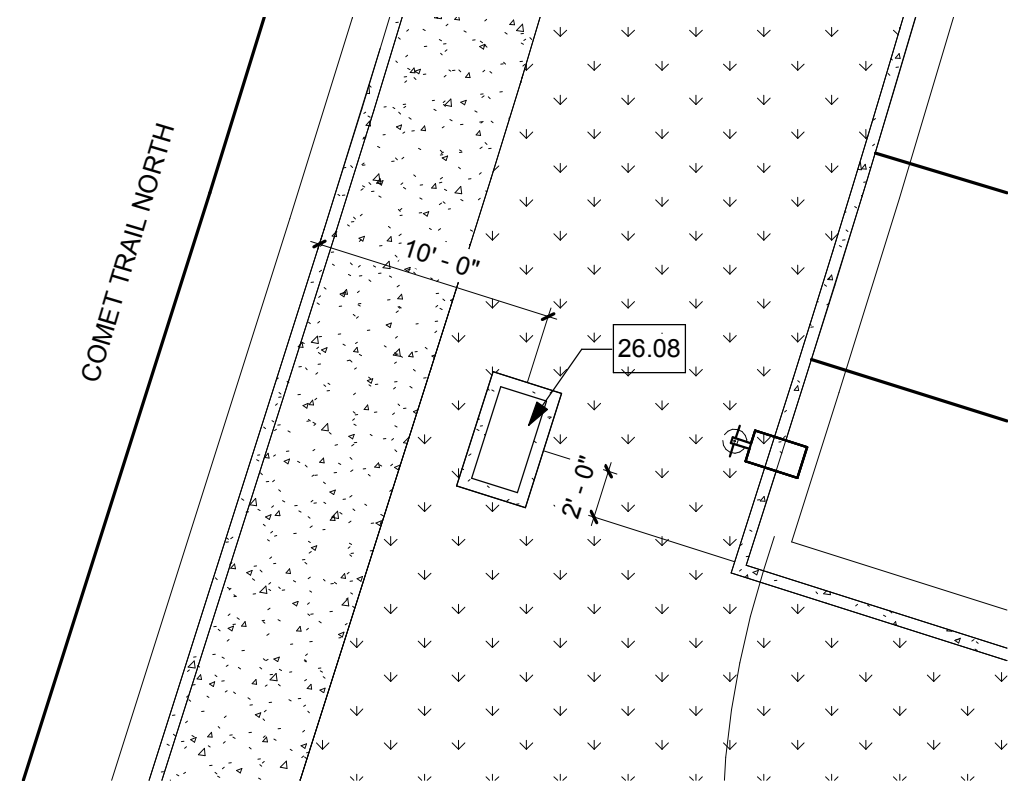
CHAINLINK FENCE @ EQUIPMENT YARD 1  
1/4" = 1'-0"



ACCESSIBLE PARKING STALLS - LOT D 11  
1/4" = 1'-0"




PRIMARY SWITCH AT PALOMAR DR. 22  
1/8" = 1'-0"




PRIMARY SWITCH NEAR PARKING LOT C 21  
1/8" = 1'-0"

Consultant Seal	Agency Approval	FILE NO. 37-C1
	IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT	
	APPL. 04-116580	
	ACS. FLS. SSS.	
	DATE	

Project Title	Palomar North Education Center - Interim Village
	<b>Palomar College</b>
	35090 Horse Ranch Creek Road Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:  
ENLARGED SITE PLANS

	Designed: BL	Project No. 5015019-102
	Drawn: AC, MB	Scale: As indicated
	QAQC SC	Drawing No. A1.24.2
	Date: 10/06/2017	




KEYNOTES

NO.	Note - Detail
09.66	EDGE OF MODULAR BUILDING
15.17	AIR HANDLING UNIT, UNDER SEPARATE APPLICATION AR116582
26.09	(N) TRANSFORMER, REFER TO ELECTRICAL DWGS.
26.10	(N) SWITCHBOARD, REFER TO ELECTRICAL DWGS.
32.26	CONCRETE 6" HOUSE KEEPING SLAB
32.27	CONCRETE 6" HOUSE KEEPING SLAB, UNDER SEPARATE APPLICATION AR116582
32.40	CHAINLINK FENCE
32.41	CHAINLINK GATE
32.42	WIND SCREEN WITHIN INTERIOR OF EQUIPMENT YARD/MAINTENANCE YARD

NOTES


Consultant Seal	Agency Approval IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APPL. 04-116580 ACS____ FLS____ SSS____ DATE____	FILE NO. 37-C1
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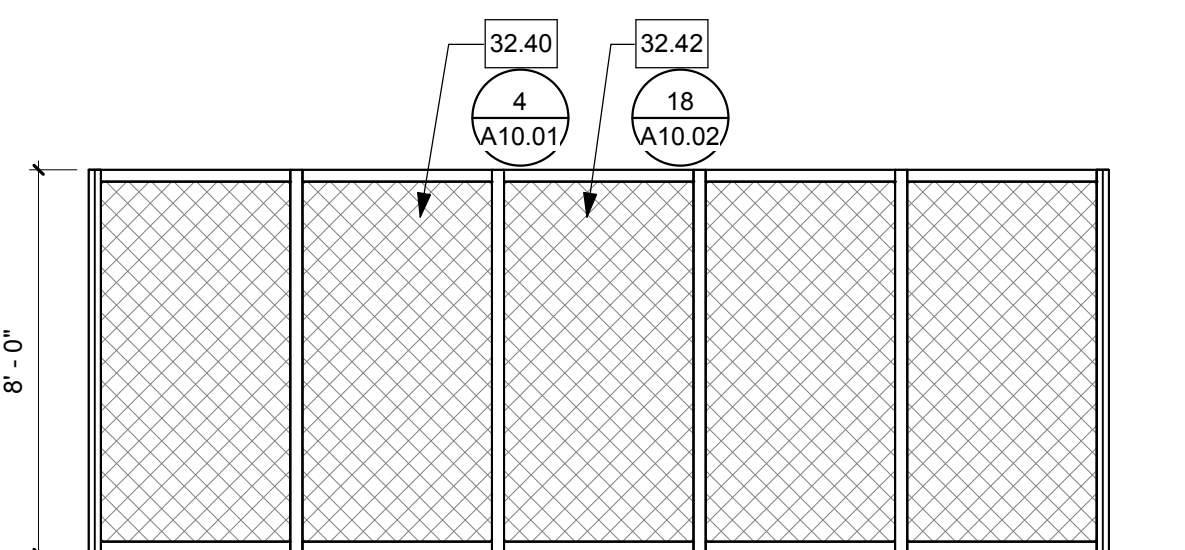
**PALOMAR COLLEGE**  
Learning to Succeed

**Palomar College**  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

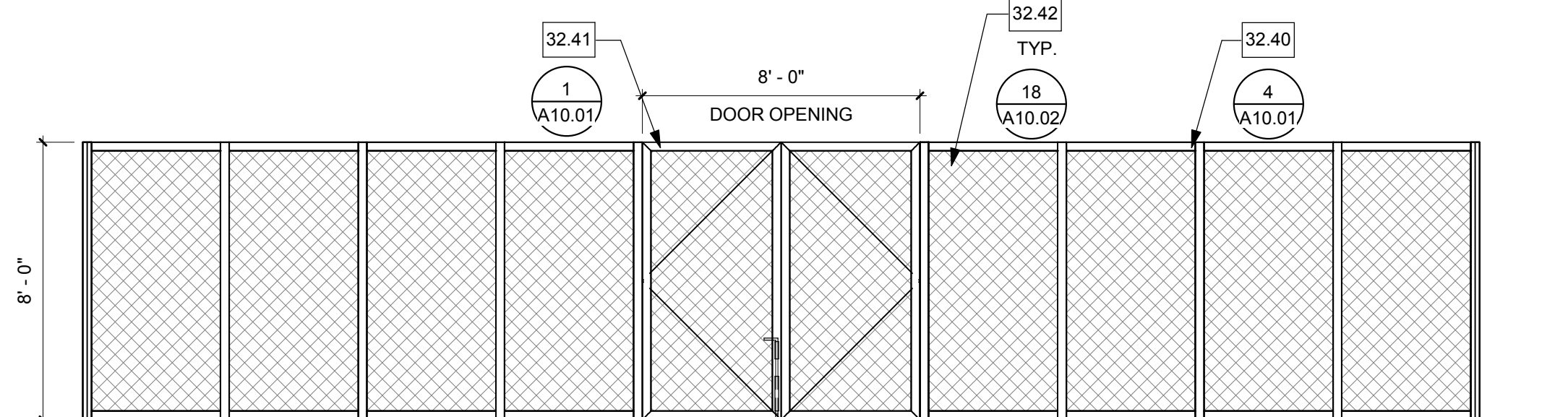
No.	Description	Date

Drawing Title:  
**ENLARGED SITE PLANS**

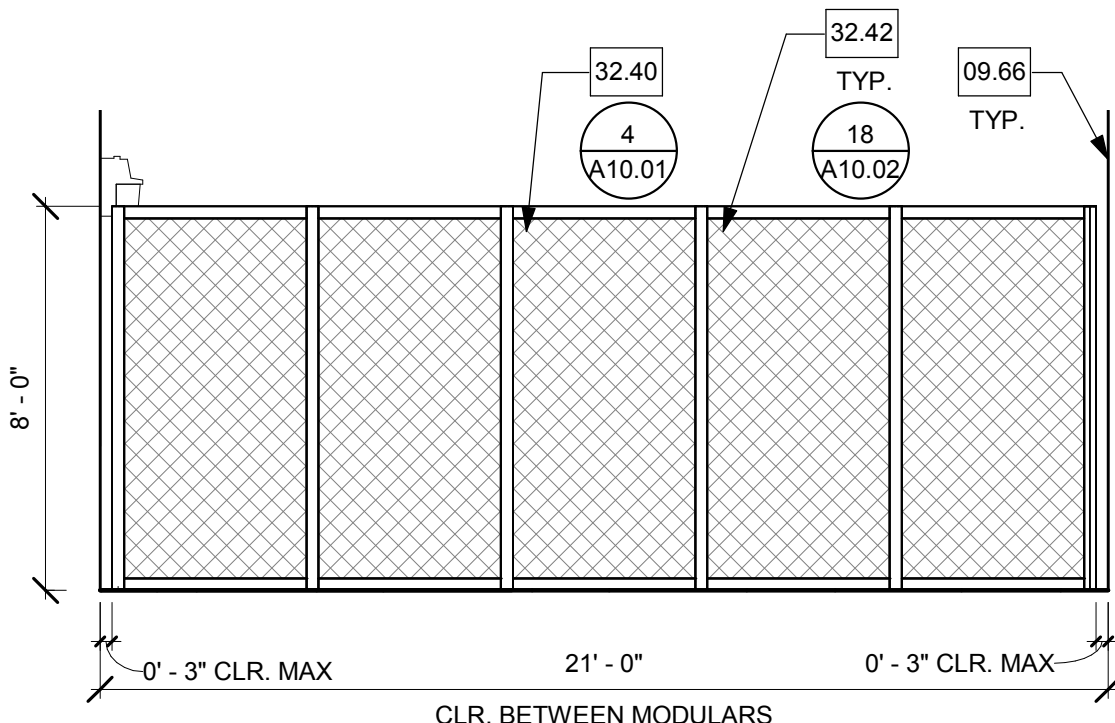
	Designed: BL	Project No. 5015019-102
	Drawn: AC, MB	Scale: 1/4" = 1'-0"
	QA/QC SC	Drawing No. <b>A1.25.2</b>
	Date: 10/06/2017	



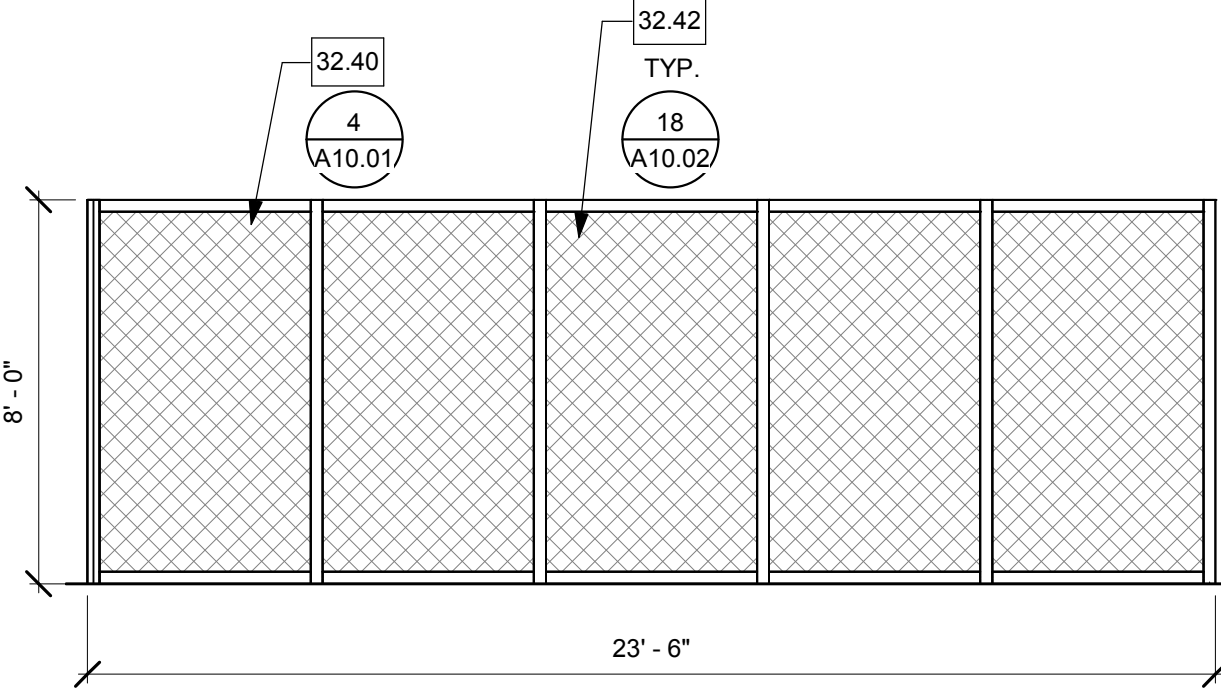
CHAINLINK FENCE - EQUIPMENT YARD  
LOT D 15  
1/4" = 1'-0"



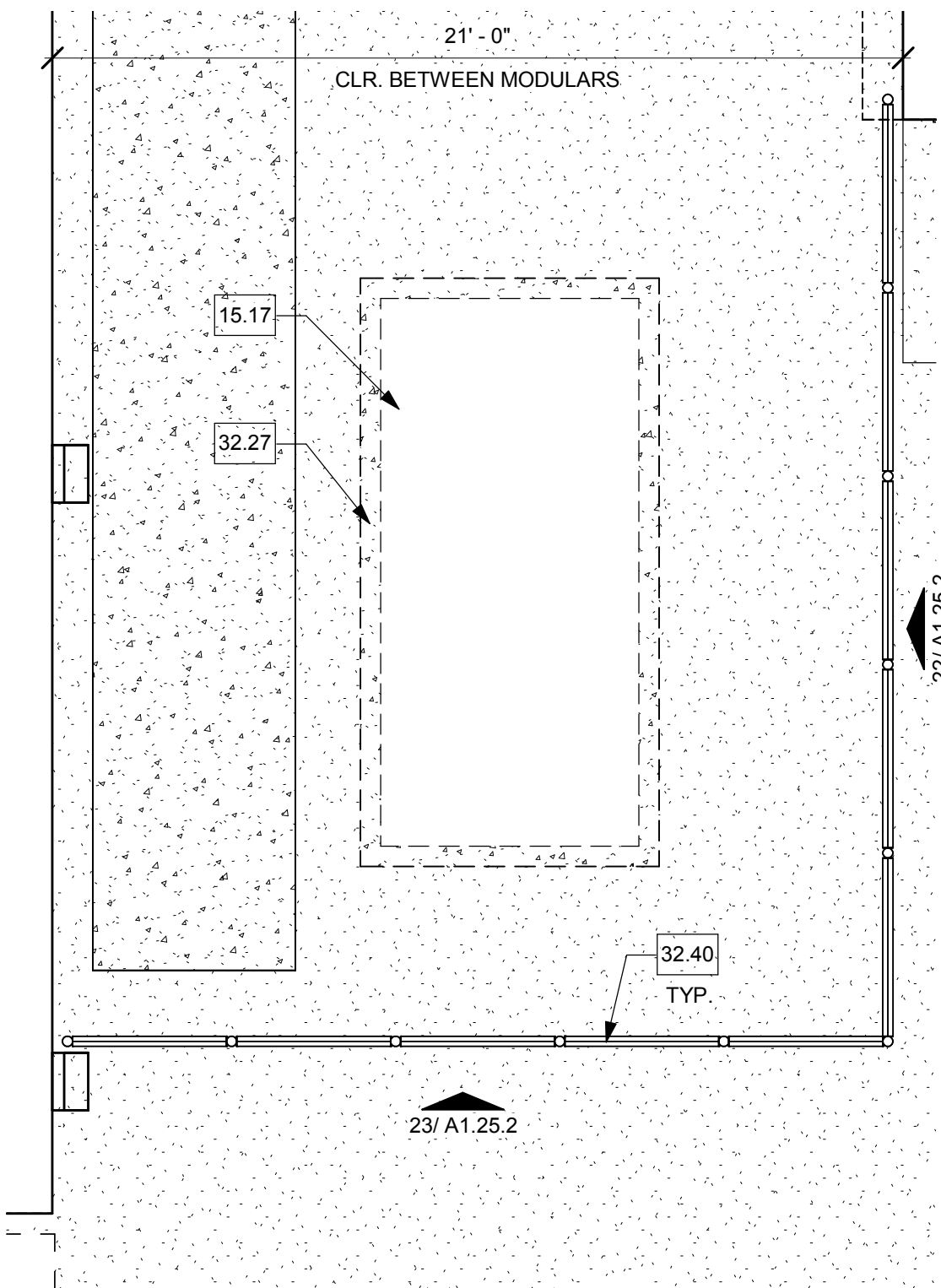
CHAINLINK FENCE - EQUIPMENT YARD  
LOT D 5  
1/4" = 1'-0"



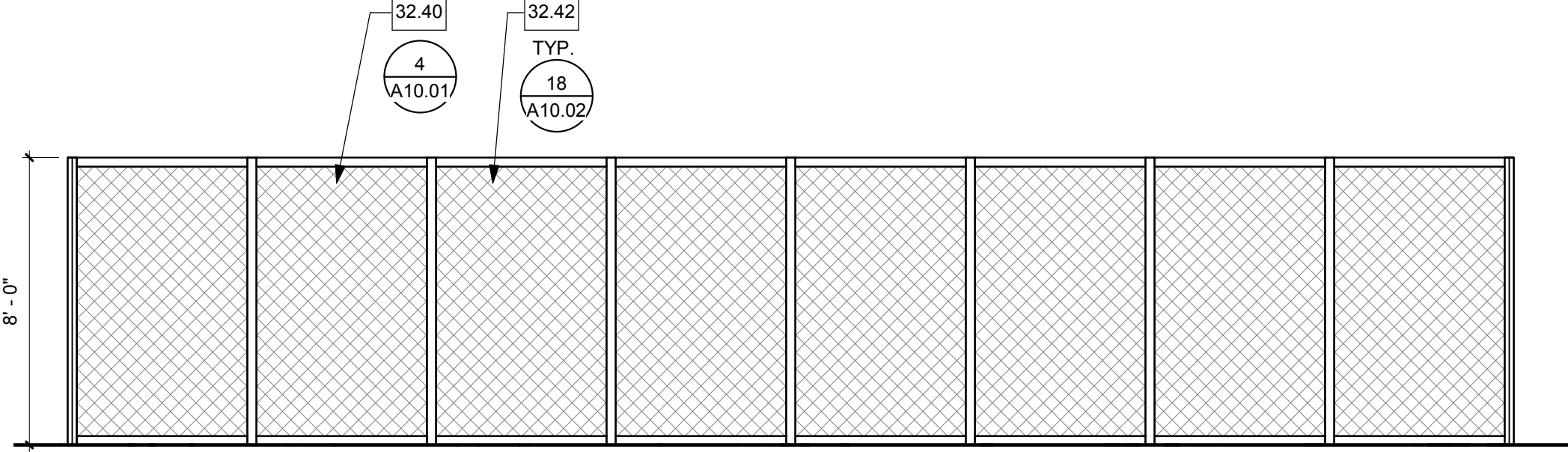
SOUTH CHAINLINK FENCE @ EQUIPMENT  
YARD 23  
1/4" = 1'-0"



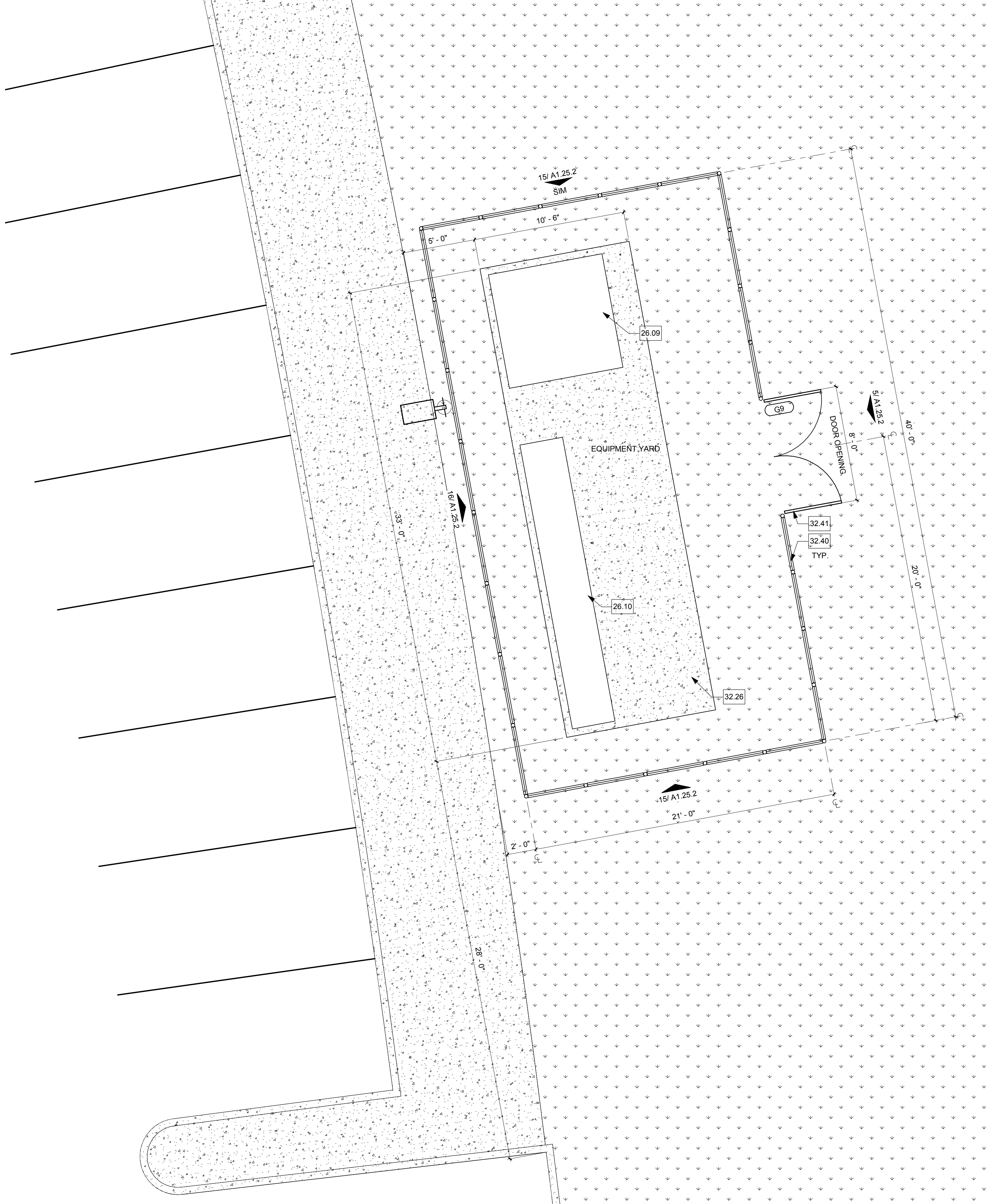
SOUTH CHAINLINK FENCE @ EQUIPMENT  
YARD 22  
1/4" = 1'-0"



SOUTH CHAINLINK FENCE @ EQUIPMENT  
YARD 17  
1/4" = 1'-0"

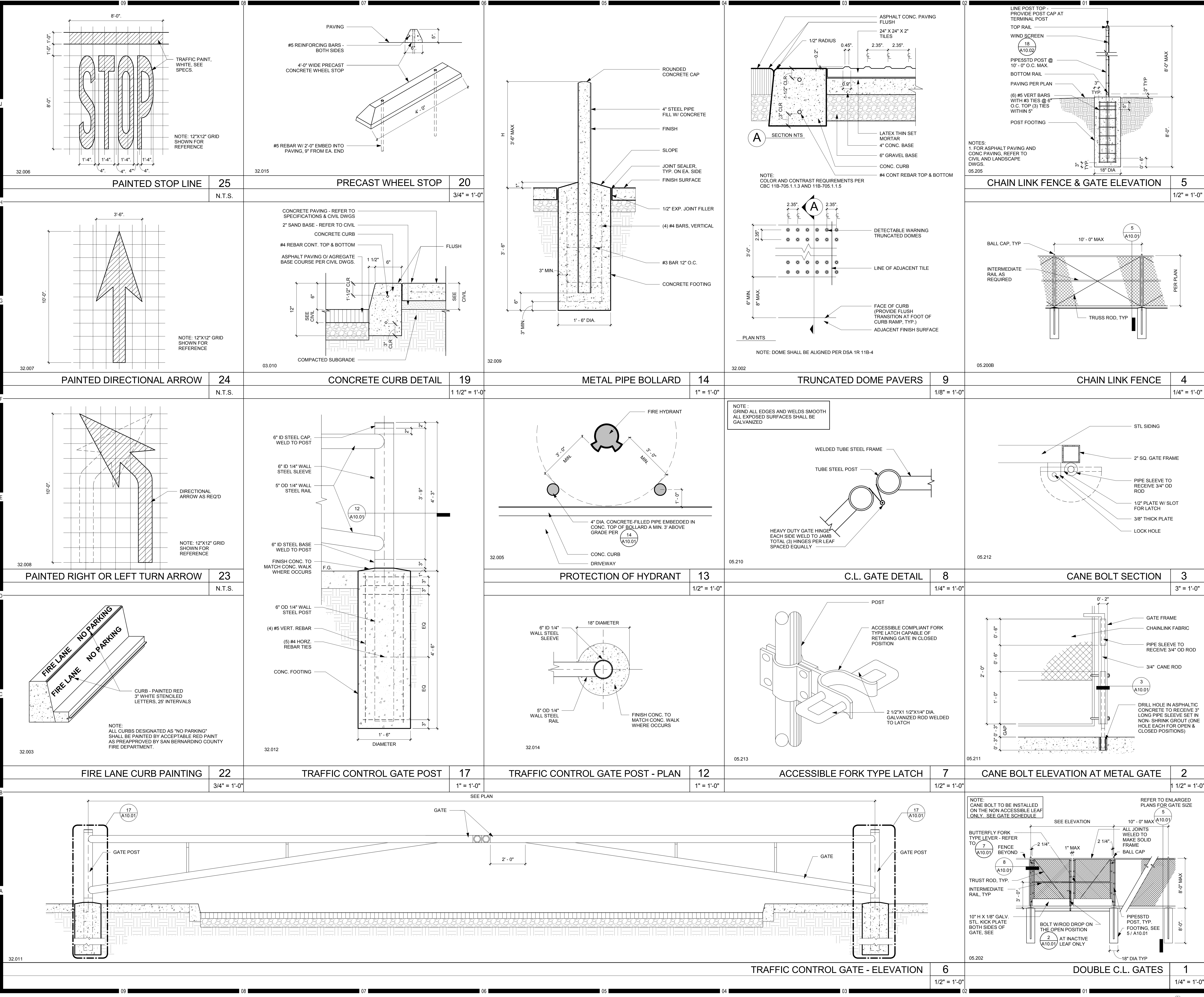


CHAINLINK FENCE - EQUIPMENT YARD  
LOT D 16  
1/4" = 1'-0"



CHAINLINK FENCE @ EQUIPMENT YARD  
NEAR LOT D 1  
1/4" = 1'-0"





KEYNOTES

NOTES

Consultant Seal	Agency Approval	FILE NO. 37-C1
	IDENTIFICATION STAMP	
	DIV. OF THE STATE ARCHITECT	
	APPL. 04-116580	
	ACS _____ FLS _____ SSS _____	
	DATE _____	

Project Title	Palomar North Education Center - Interim Village
<b>Palomar College</b>	
35090 Horse Ranch Creek Road	
Fallbrook, CA 92028	

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title: **SITE DETAILS**

Architect's Seal	Designed: BL	Project No. 5015019-102
	Drawn: AC, MB	Scale: As indicated
	QA/QC: SC	Drawing No. <b>A10.01</b>
	Date: 10/06/2017	


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KEYNOTES


NOTES

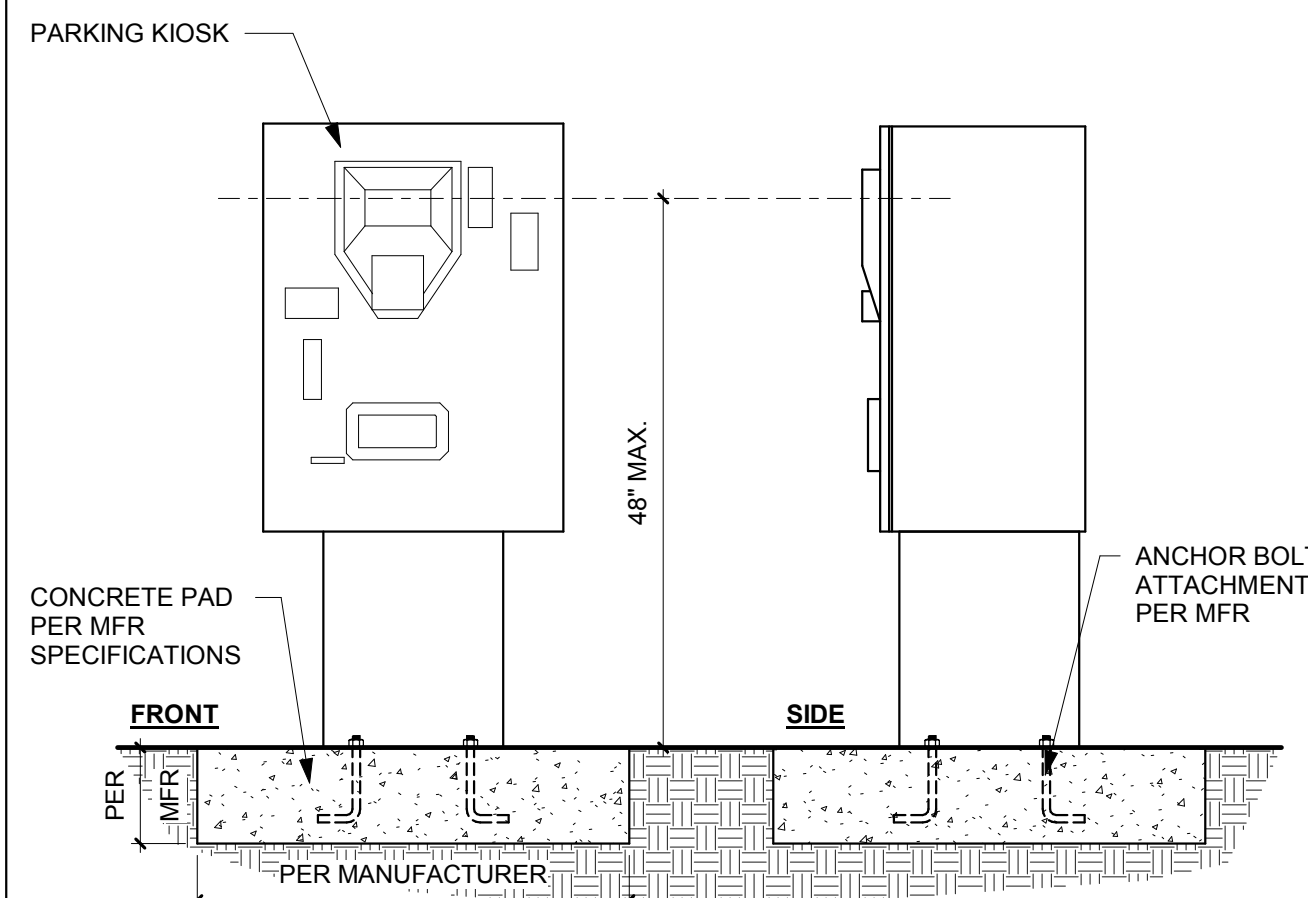
Consultant Seal	Agency Approval	FILE NO. 37-C1
	IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT	
	APPL. 04-116580	
	ACS _____ FLS _____ SSS _____	
	DATE _____	

Project Title	Palomar North Education Center - Interim Village
	<b>Palomar College</b> 35090 Horse Ranch Creek Road Fallbrook, CA 92028

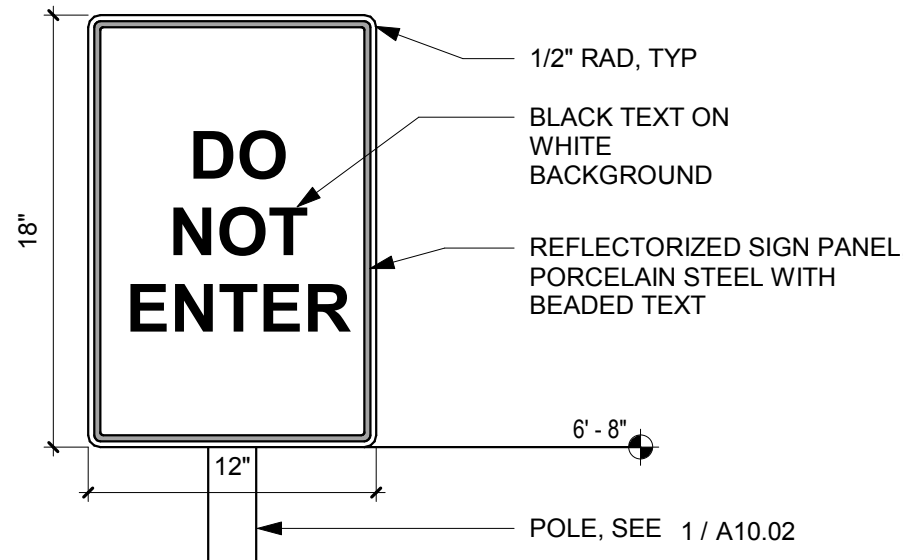
No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:  
**SITE DETAILS**

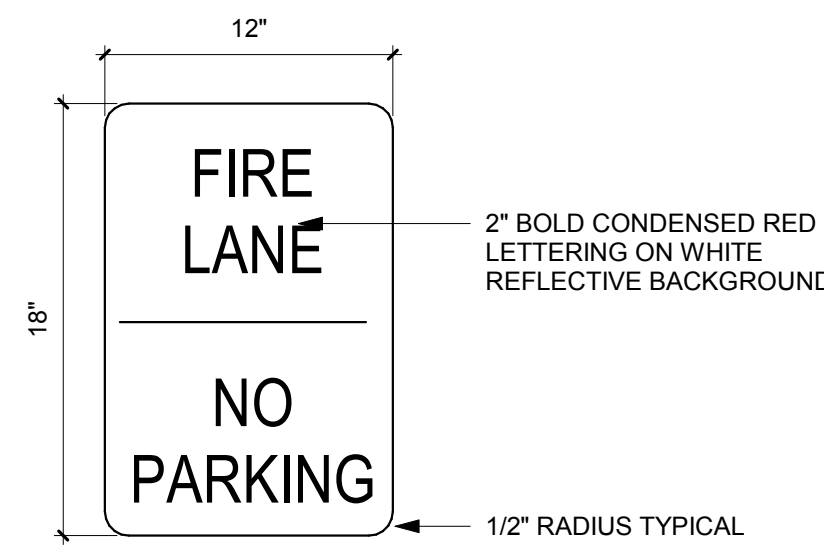
Architect's Seal 	Designed: BL Drawn: AC, MB QAQC: SC Date: 10/06/2017	Project No. 5015019-102 Scale: As indicated Drawing No. <b>A10.02</b>
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PARKING KIOSK 15  
3/4" = 1'-0"

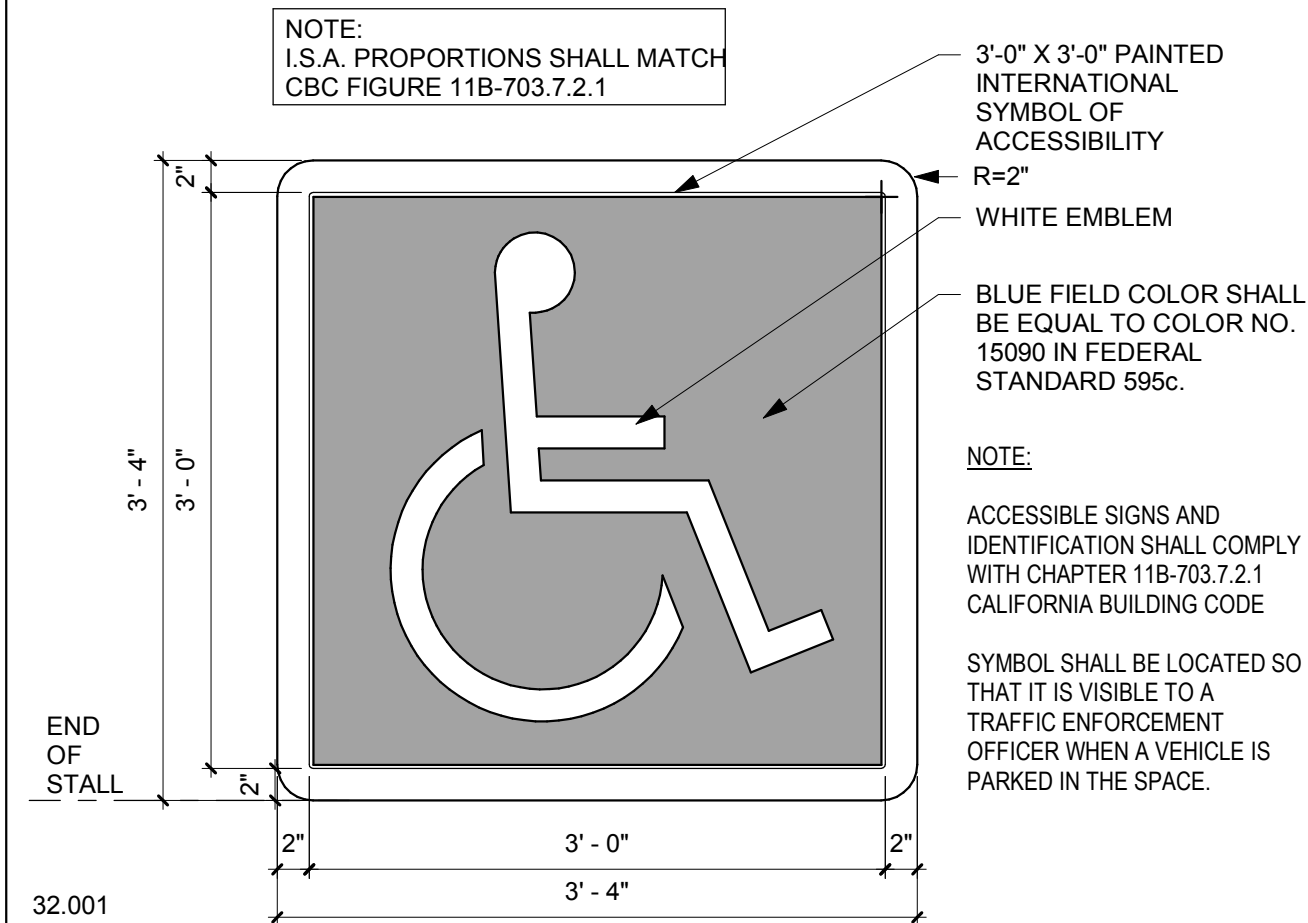


DO NOT ENTER SIGN 10  
1 1/2" = 1'-0"

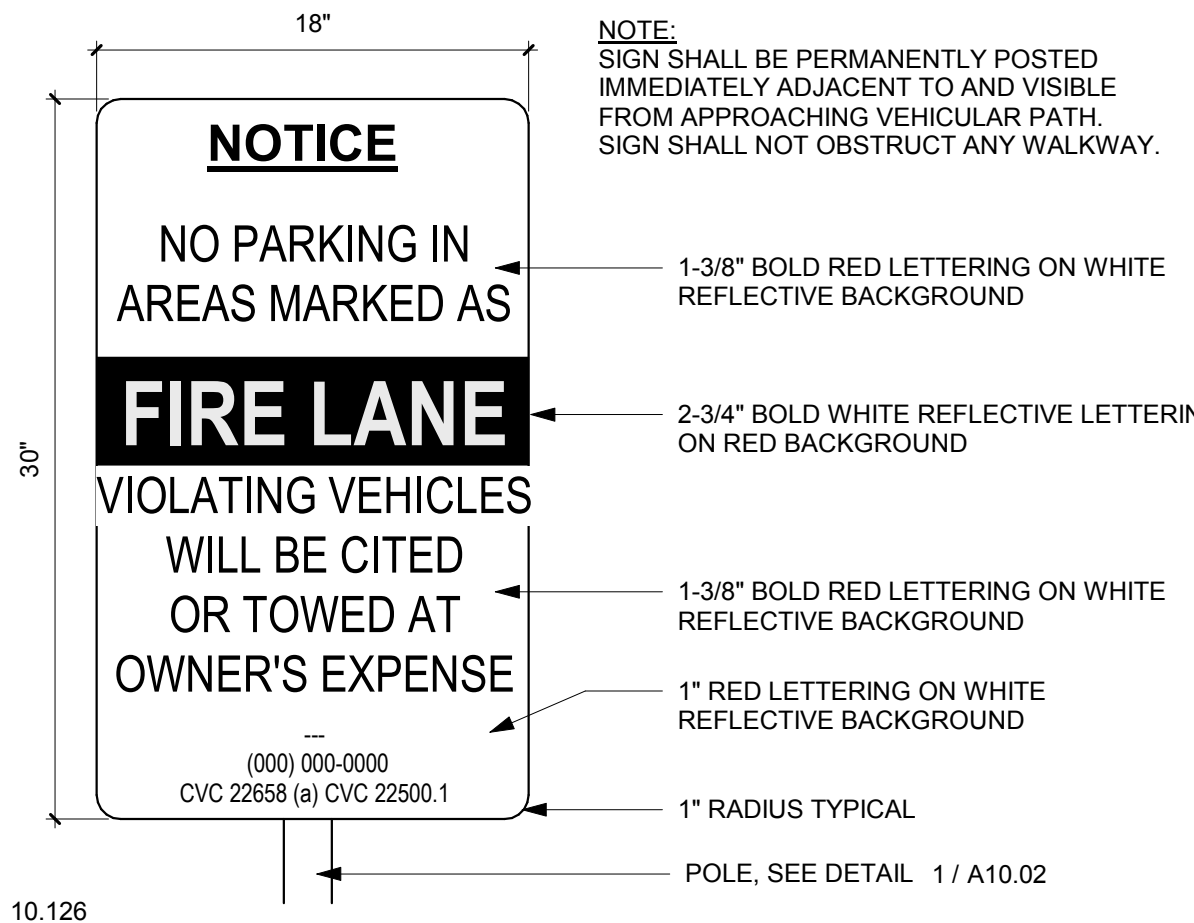


NOTE:  
SIGN SHALL BE SECURELY MOUNTED ON THE FRONT AND BACK FACE OF THE GATE CLEARLY VISIBLE TO TRAFFIC ENTERING THE DESIGNATED AREA.

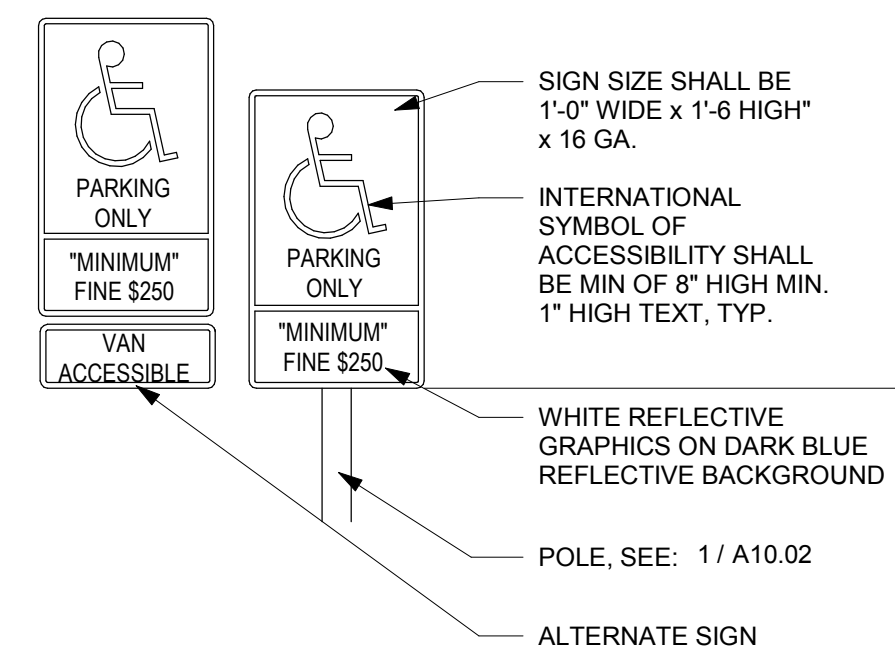
FIRE LANE GATE SIGN 5  
1 1/2" = 1'-0"



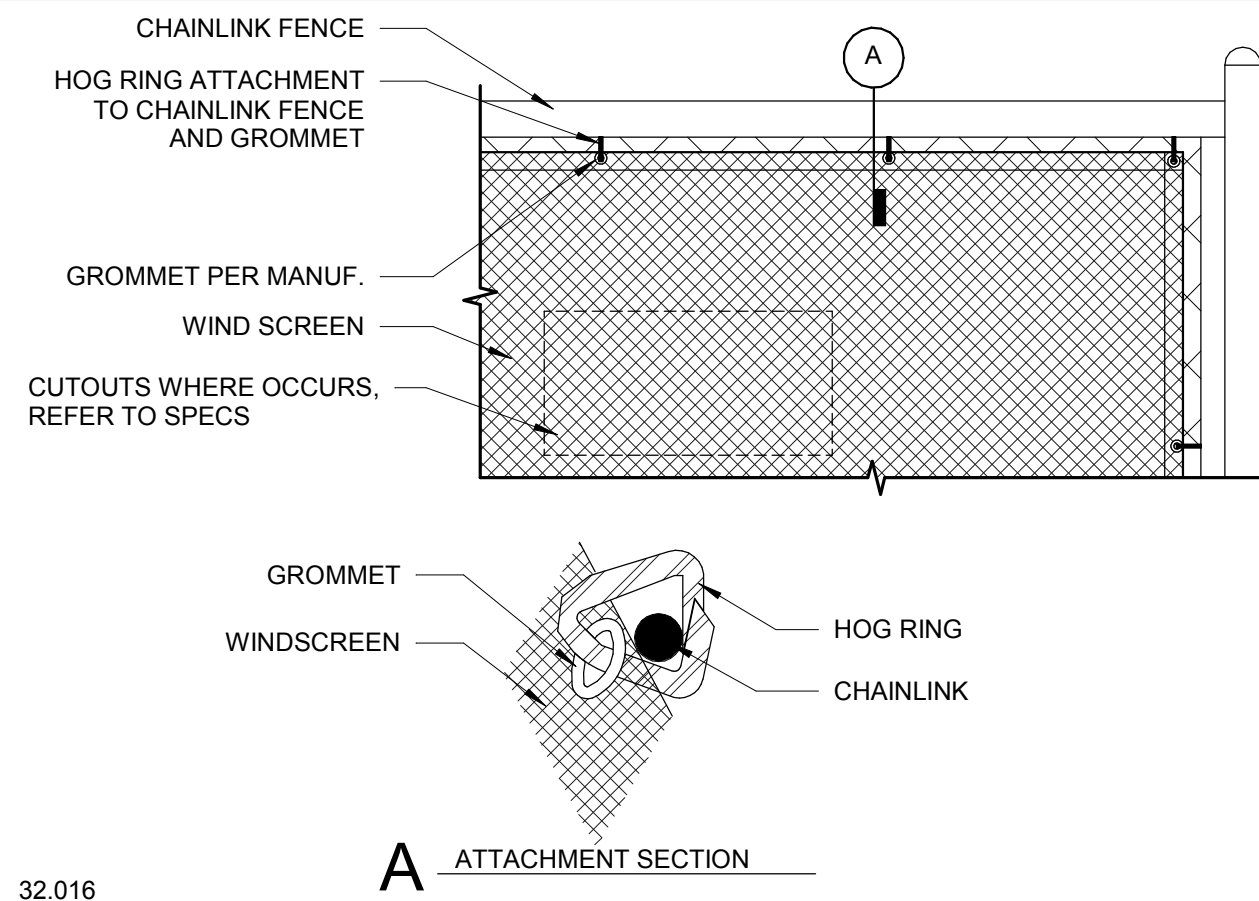
INTERNATIONAL SYMBOL OF ACCESSIBILITY 14  
1" = 1'-0"



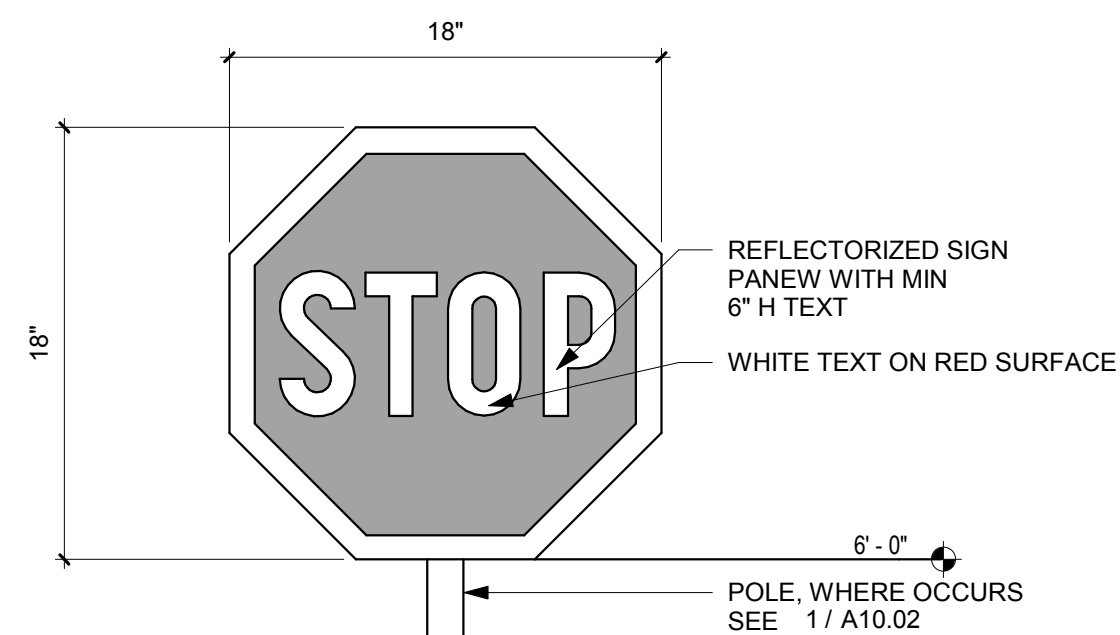
FIRE LANE ENTRY SIGN 9  
1 1/2" = 1'-0"



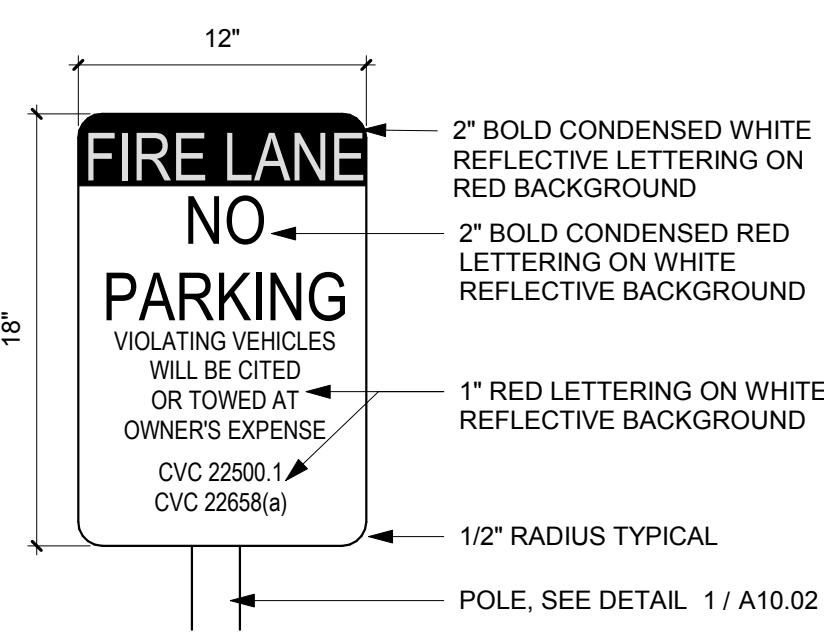
ACCESSIBLE PARKING SIGN 4  
3" = 1'-0"



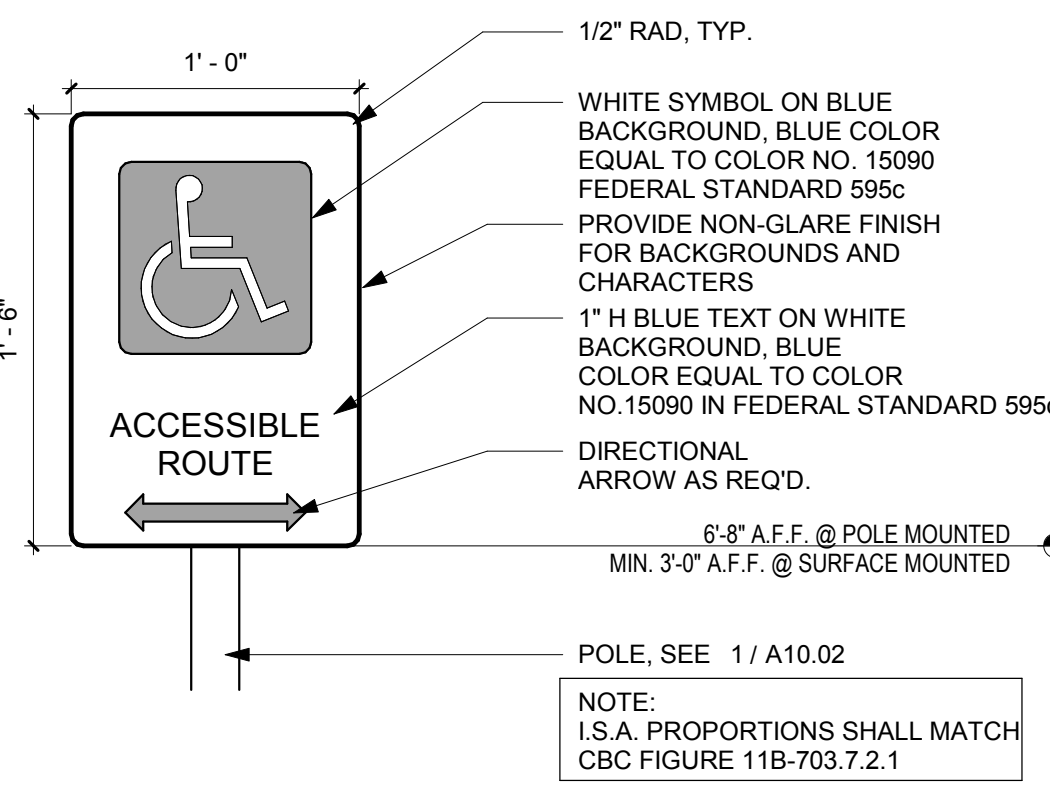
WINDSCREEN ATTACHMENT 18  
1 1/2" = 1'-0"



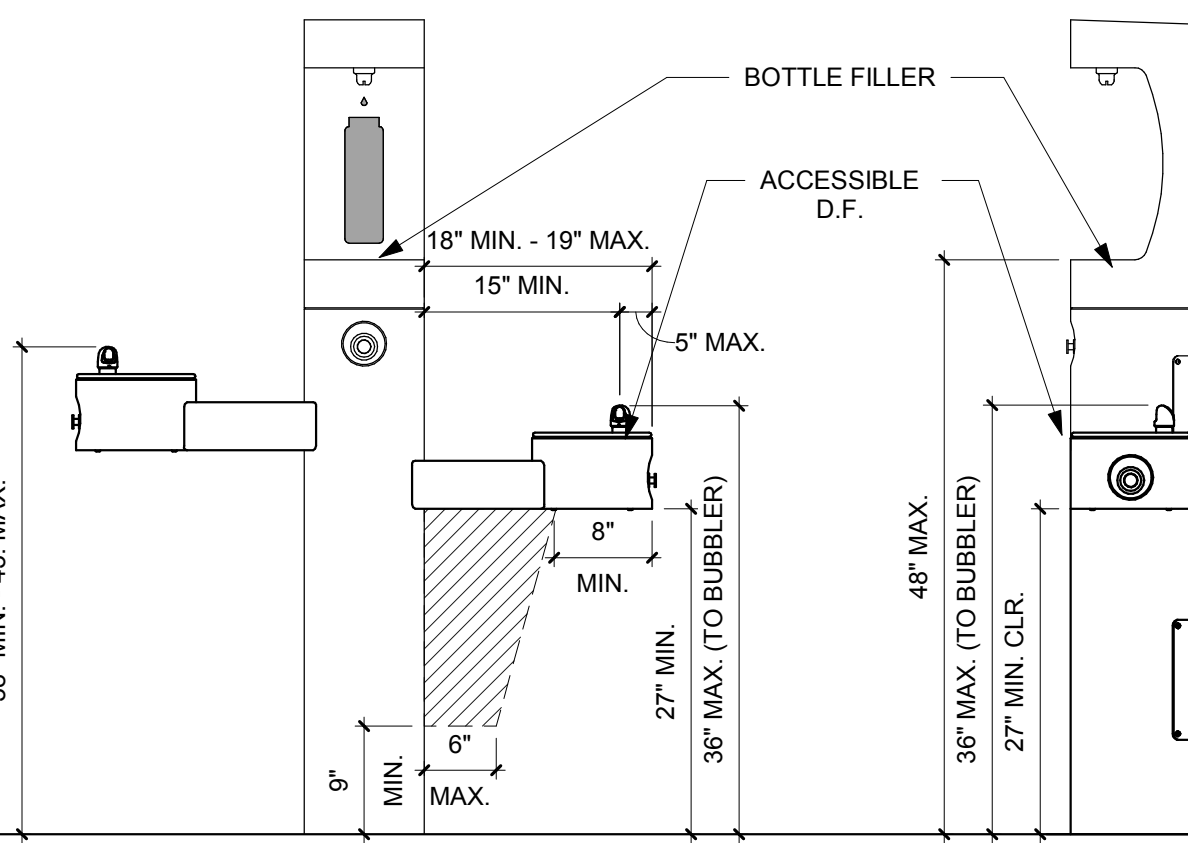
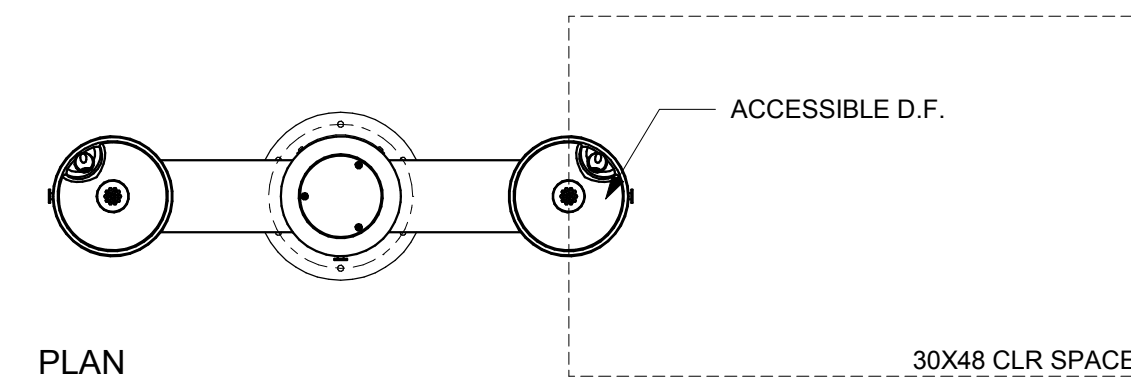
STOP SIGN 13  
1 1/2" = 1'-0"



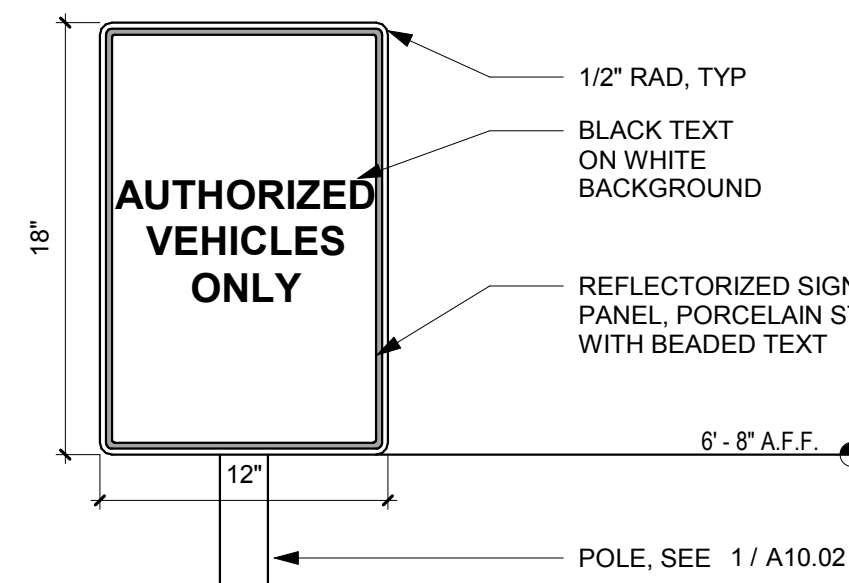
FIRE LANE SIGN 8  
1 1/2" = 1'-0"



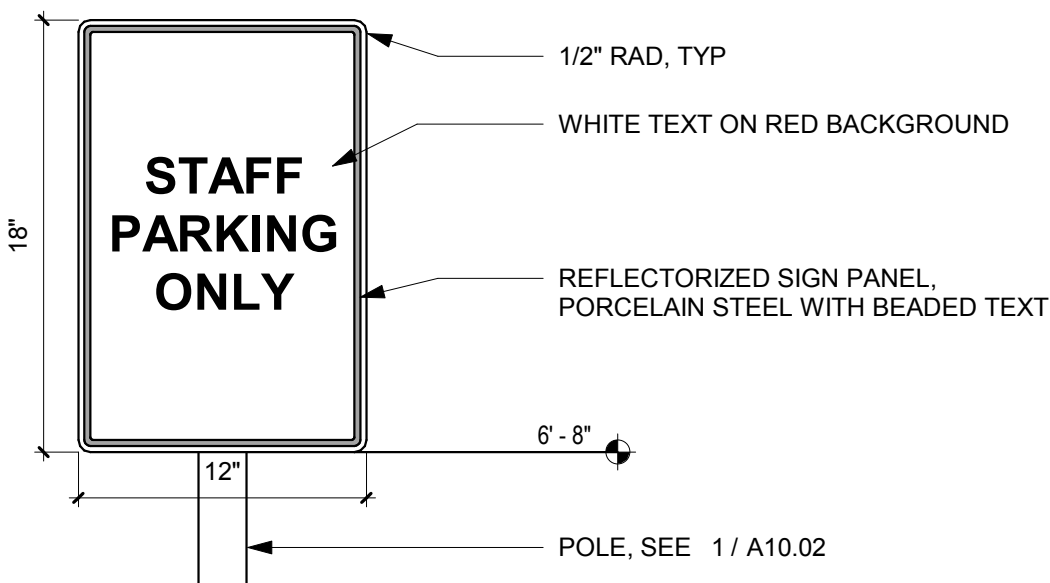
ACCESSIBLE ROUTE & RAMP SIGN 3  
1 1/2" = 1'-0"



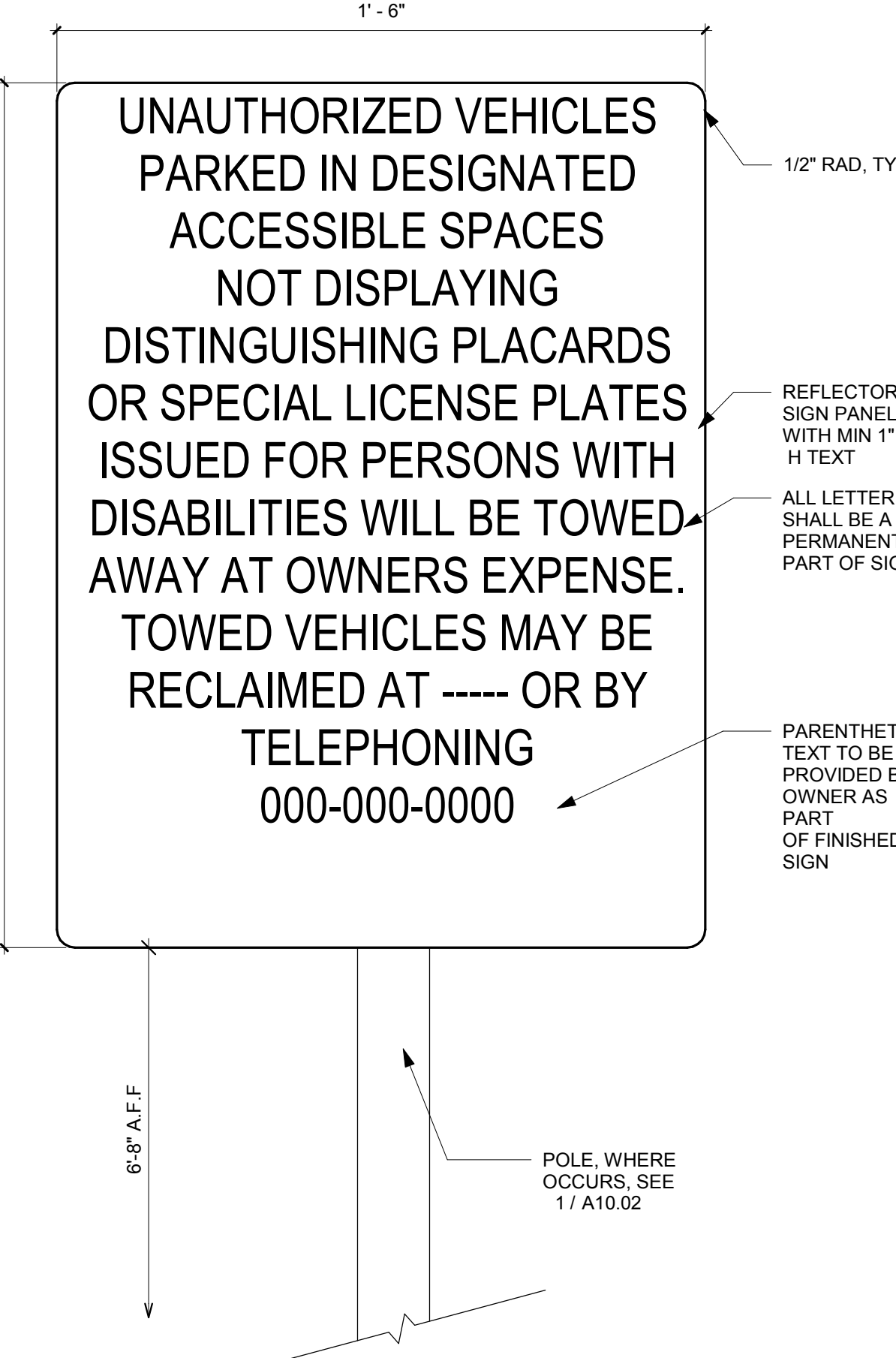
DRINKING FOUNTAIN 16  
3/4" = 1'-0"



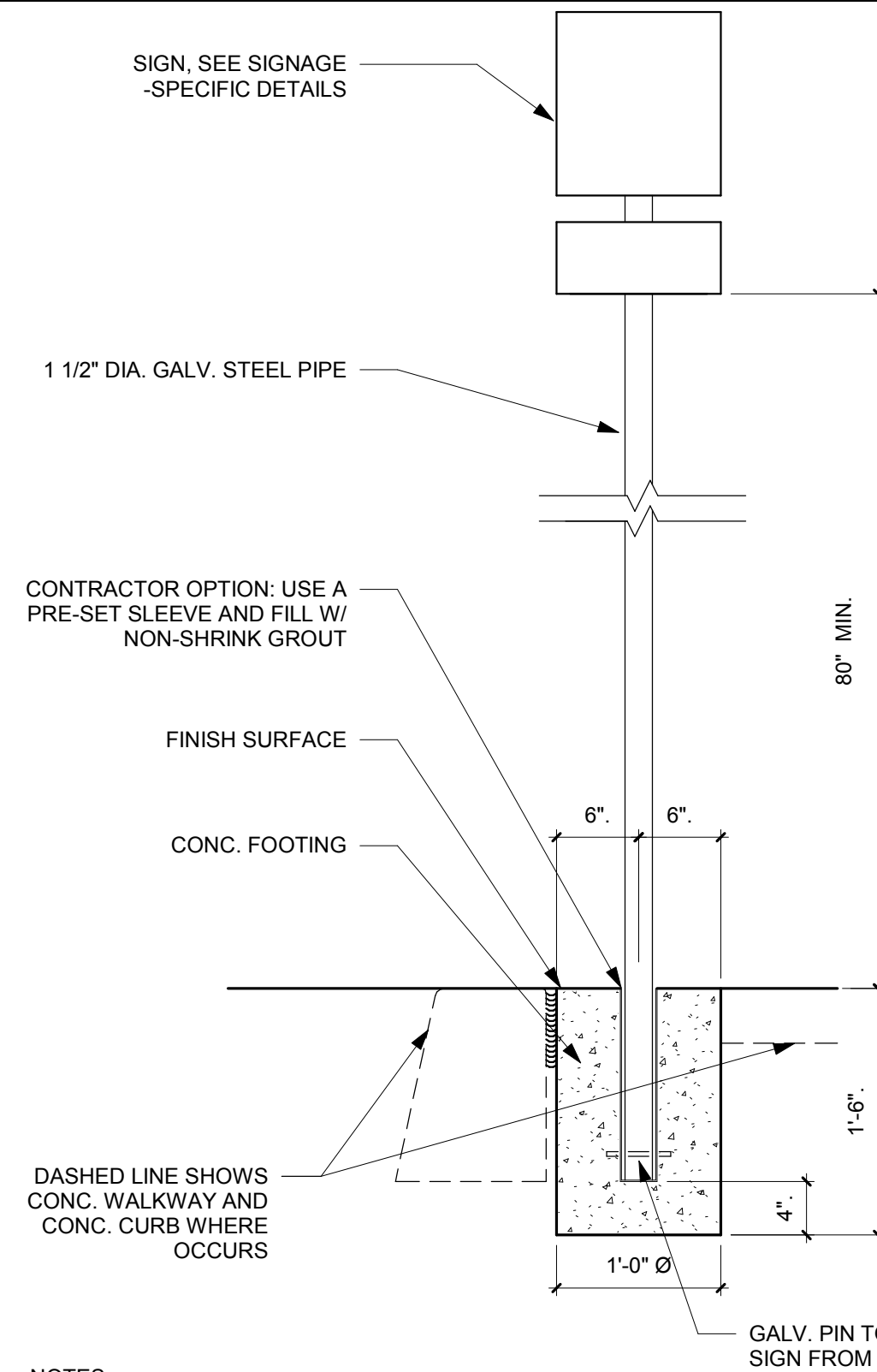
AUTHORIZED VEHICLES ONLY SIGN 12  
1 1/2" = 1'-0"



STAFF PARKING ONLY SIGN 11  
1 1/2" = 1'-0"



TOW AWAY SIGN 6  
3" = 1'-0"



- NOTES:
1. SIGNS SHALL BE LOCATED MIN. OF THREE (3) FEET FROM BACK OF WHEEL STOP @ PARKING STALL.
  2. SIGNS IN PUBLIC RIGHT-OF-WAY SHALL BE SUBJECT TO APPROVAL BY THE CITY.
  3. ALL CURBS DESIGNATED AS "NO PARKING" SHALL BE PAINTED BY ACCEPTABLE RED PAINT AS PREAPPROVED BY CITY.
  4. SIGNS SHALL BE LOCATED ON PROPERTY IN SUCH A MANNER AS TO BE EASILY SEEN BY DRIVERS OF VEHICLES ENTERING THE PROPERTY.

TYP. POLE MOUNTED SIGN FOOTING 1  
N.T.S.



LEGEND

SYMBOL	DESCRIPTION
	NOTE CALLOUT
	DETAIL CALLOUT - NUMBER ON TOP DENOTES DETAIL NUMBER - NUMBER ON BOTTOM DENOTES SHEET DETAIL IS SHOWN
	MECHANICAL EQUIPMENT CALLOUT, SEE MECHANICAL PLANS FOR EXACT LOCATION AND REQUIREMENTS
	SECTION CALLOUT
	POINT OF CONNECTION
	POINT OF DISCONNECTION
	CHANGING PIPE SIZE
	NEW PIPE (SIZE-SERVICE)
	EXISTING PIPE/EQUIPMENT
	DEMOLISHED PIPE/EQUIPMENT
	LOW PRESSURE NATURAL GAS
	MEDIUM PRESSURE NATURAL GAS
	INDIRECT WASTE
	SANITARY SEWER/WASTE UNDERGROUND
	SANITARY SEWER/WASTE ABOVEGROUND
	SANITARY VENT
	DOMESTIC HOT WATER RETURN
	DOMESTIC HOT WATER SUPPLY
	DOMESTIC COLD WATER
	STORM DRAIN PIPING
	SUBSOIL DRAIN
	ACID WASTE
	ACID VENT
	TEMPERED WATER
	CONDENSATE DRAIN
	LABORATORY COMPRESSED AIR
	NONPOTABLE COLD WATER
	LABORATORY VACUUM
	VALVE AT DROP
	VALVE AT RISE
	ELBOW DOWN
	PIPE TEE UP & DOWN OR ELBOW UP
	PIPE TEE DOWN
	PIPE TEE UP
SYMBOL	DESCRIPTION
	SOLENOID VALVE
	GATE VALVE
	BALL VALVE
	PRESSURE REDUCING VALVE
	CHECK VALVE, SWING
	PLUG VALVE
	STRAINER, Y-TYPE
	FLOW METER
	BACKFLOW PREVENTER
	HOSE BIBB
	FLOOR DRAIN
	FLOOR SINK, 1/2 GRATE
	AREA DRAIN / INDUSTRIAL RECEPTOR
	SHUT-OFF VALVE IN YARDBOX
	BALANCING VALVE
	FLOOR CLEANOUT
	CLEANOUT TO GRADE
	WALL CLEANOUT
	WATER HAMMER ARRESTOR
	TRAP PRIMER

ABBREVIATIONS

ABBREVIATION	DESCRIPTION
@	AT
ABV	ABOVE
A/C	ABOVE CEILING
AC	ACETYLENE
AD	AREA DRAIN
AFB	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AFSR	AUTOMATIC FIRE SPRINKLER RISER
AR	ARGON GAS
AV	ACID VENT
AW	ACID WASTE
BEL	BELOW
BFP	BACKFLOW PREVENTER
B/G	BELOW GRADE
B/F	BELOW FLOOR
BTM	BOTTOM
BY	BALL VALVE
CI	CAST IRON
CIP	CAST IRON PIPE
CLG	CEILING
COTG	CLEAN-OUT TO GRADE
CJ	CUBIC
CW	COLD WATER
DEPT	DEPARTMENT
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DN	DOWN
DS	DOWNSPOUT
DWG	DRAWING(S)
(E)	EXISTING
EXIST	EXISTING
EQUIP	EQUIPMENT
EWC	ELECTRIC WATER COOLER
F	FIRE
F/A	FROM ABOVE
F/B	FROM BELOW
FCO	FLOOR CLEAN-OUT
FD	FLOOR DRAIN
FF	FINISHED FLOOR
FM	FORCE MAIN
FS	FLOOR SINK
FT	FEET
G	NATURAL GAS (LOW PRESSURE)
GAL	GALLONS
GPM	GALLONS PER MINUTE
GPR	GAS PRESSURE REGULATOR
HCW	HOT AND COLD WATER
HL	HIGH LEVEL
HDR	HEADER
HT	HEIGHT
IN	INCHES
IW	INDIRECT WASTE
L or LAV	LAVATORY
MAX	MAXIMUM
MIN	MINIMUM
MPG	NATURAL MEDIUM PRESSURE GAS
MTD	MOUNTED
NTS	NOT TO SCALE
O	OXYGEN
OD	OVERFLOW DRAIN
OS&Y	OPEN SCREW AND YOKE
POC	POINT OF CONNECTION
POD	POINT OF DISCONNECTION
PSI	POUNDS PER SQUARE INCH
RD	ROOF DRAIN
RI&C	ROUGH-IN AND CONNECT
S	SINK, SEWER, SOIL
SD	STORM DRAIN
SOV	SHUT-OFF VALVE
SQ	SQUARE
SS	SERVICE SINK
T/A	TO ABOVE
T/B	TO BELOW
TYP	TRAP PRIMER
UG	UNDERGROUND
UON	UNLESS OTHERWISE NOTED
UR	URINAL
V	SANITARY VENT
VOLT	VOLTAGE
VTR	VENT THRU ROOF
W	WASTE
W/	WITH
WC	WATER CLOSET
WCO	WALL CLEAN-OUT
WH	WATER HEATER
WHA	WATER HAMMER ARRESTOR

REFERENCE WILL BE MADE TO ANSI Y1.1, MILITARY STANDARD IN THE EVENT ABBREVIATIONS NOT MENTIONED HEREIN ARE USED. ABBREVIATIONS, AND OTHER STANDARD INDUSTRY CONVENTIONS.

GENERAL NOTES

- ALL WORK SHALL COMPLY WITH THE 2016 EDITIONS OF THE CALIFORNIA BUILDING, MECHANICAL, PLUMBING, AND OTHER APPLICABLE FEDERAL, STATE, OR LOCAL CODES AS ADOPTED AND ENFORCED BY THE LOCAL JURISDICTION. IN CASE THE PLANS SHOW MORE STRINGENT REQUIREMENTS, THE PLANS SHALL GOVERN THE DESIGN, YET NOTHING ON THE DESIGN DOCUMENTS SHALL BE INTERPRETTED AS AUTHORITY TO VIOLATE CODE(S) OR REGULATION(S).
- SUBMISSION OF BID IN CONNECTION WITH THIS WORK SHALL IMPLY THAT THE BIDDER HAS EXAMINED THE JOB SITE UNDER WHICH THE CONTRACTOR WILL BE OBLIGATED TO OPERATE UNDER THIS CONTRACT. NO EXTRA CHARGE WILL BE ALLOWED FOR FAILURE OF ANY BIDDER TO EXAMINE THE SITE PRIOR TO BID.
- WHERE USED, THE TERM "PROVIDE" SHALL MEAN "FURNISH AND INSTALL."
- IN THE EVENT OF A CONFLICT OR INCONSISTENCY BETWEEN ITEMS INDICATED ON DESIGN PLANS / SPECIFICATIONS WITH CODE REQUIREMENTS, THE MORE STRINGENT STANDARD SHALL PREVAIL.
- CONTRACTOR SHALL FURNISH LABOR, MATERIALS, EQUIPMENT, AND TRANSPORTATION AS REQUIRED TO PROPERLY INSTALL ALL PLUMBING SYSTEMS OR RELATED COMPONENTS AS INDICATED ON PLANS AND SPECIFIED HEREIN.
- ALL NEW EQUIPMENT AND MATERIAL TO BE INSTALLED AS PART OF RENOVATION / NEW CONSTRUCTION SHALL BEAR AN UNDERWRITERS LABORATORIES LABEL (UL), AND INSTALLED IN SUCH A MANNER FOR WHICH THEY ARE DESIGNED AND APPROVED.
- CONTRACTOR SHALL DOCUMENT AND RELAY ANY MAJOR DEVIATIONS FROM THE DESIGN DOCUMENTS, AND ATTAIN APPROVAL FROM THE MECHANICAL ENGINEER BEFORE PROCEEDING. AS-BUILT COPIES SHALL BE PROVIDED INDICATING ALL CHANGES / DEVIATIONS MADE DURING CONSTRUCTION. CONTRACTOR SHALL PROVIDE COMPLETED AS-BUILT DRAWINGS IN THE LATEST VERSION OF AUTOCAD.
- ALL WORK SHALL BE PERFORMED IN A CLEAN AND WORKMANLIKE MANNER. CARE SHALL BE EXERCISED TO MINIMIZE ANY INCONVENIENCE OR DISTURBANCE TO OTHER AREAS OF THE BUILDING WHICH ARE TO REMAIN IN OPERATION. ISOLATE WORK AREAS BY MEANS TO KEEP DUST AND DIRT WITHIN THE CONSTRUCTION AREA.
- NO PIPING, EQUIPMENT, ETC. SHALL BE REMOVED, DISCONNECTED OR SHUT DOWN WITHOUT PRIOR REVIEW WITH THE COLLEGE TO CONFIRM THAT AREAS TO REMAIN IN OPERATION WILL NOT BE AFFECTED. IF ANY AREAS NOT WITHIN THE SCOPE OF WORK ARE AFFECTED BY ANY SHUTDOWN, REMOVAL OR DISCONNECTION, SUFFICIENT ADVANCE NOTICE MUST BE GIVEN TO THE COLLEGE, INDICATING WHICH AREAS WILL BE AFFECTED, WHEN THE PROPOSED SHUTDOWN WILL OCCUR, AND FOR HOW LONG A PERIOD OF TIME.
- THE ARRANGEMENT OF EQUIPMENT AND PIPING SHOWN ON THE DRAWINGS IS BASED UPON INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF DESIGN AND IS NOT INTENDED TO SHOW EXACT DIMENSIONS PECULIAR TO A SPECIFIC MANUFACTURER. THE DRAWINGS ARE, IN PART, DIAGRAMMATIC AND SOME FEATURES OF THE ILLUSTRATED EQUIPMENT INSTALLATION MAY REQUIRE REVISION TO MEET ACTUAL EQUIPMENT INSTALLATION REQUIREMENTS. STRUCTURAL SUPPORTS, FOUNDATIONS, CONNECTED PIPING, VALVES, PIPE SUPPORTS AND ELECTRICAL CONDUIT SPECIFIED MAY HAVE TO BE ALTERED OR ADDITIONAL ITEMS REQUIRED TO ACCOMMODATE THE EQUIPMENT PROVIDED. NO ADDITIONAL PAYMENT WILL BE MADE FOR SUCH REVISIONS, ALTERATIONS AND / OR ADDITIONS.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT THE SITE MAKING FIELD MEASUREMENTS AND PROVIDE SHOP DRAWINGS NECESSARY FOR FABRICATION OR ERECTION OF ALL HVAC AND PIPING SYSTEMS. MAKE ALLOWANCE FOR BEAMS, PIPES AND OTHER OBSTRUCTIONS IN BUILDING CONSTRUCTION. CHECK DRAWINGS SHOWING WORK OF OTHER TRADES AND CONSULT WITH THE UNIVERSITY REPRESENTATIVE IN THE EVENT OF A CONFLICT. SHOP DRAWINGS SHALL BE MINIMUM 1/4"=1'-0" SCALE, INDICATING FITTINGS, SIZES, WELDS AND CONFIGURATIONS AND SUBMITTED TO ENGINEER FOR REVIEW. CONTRACTOR SHALL PROVIDE DIMENSIONED SHOP DRAWINGS COMPLETED IN THE LATEST VERSION OF AUTOCAD.
- CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL OTHER TRADES PRIOR TO FABRICATION, PURCHASE AND/OR INSTALLATION OF ALL WORK.
- BEFORE COMMENCEMENT OF WORK, CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS, ELEVATIONS, AND CHARACTERISTICS OF ALL UTILITIES.
- CONTRACTOR SHALL SECURE AND PAY ALL FEES AND PERMITS PERTAINING TO THE CONTRACT.
- EXISTING MATERIALS THAT ARE REMOVED SHALL NOT BE REUSED IN NEW SYSTEMS, EXCEPT WHERE INDICATED AS BEING RELOCATED.
- ALL EQUIPMENT SHALL BE INSTALLED IN STRICT COMPLIANCE WITH THE MANUFACTURERS WRITTEN INSTRUCTIONS.
- ALL PLUMBING FIXTURE VENTS TO TERMINATE MINIMUM 12 INCHES FROM ANY VERTICAL SURFACE AND 10 FEET FROM OR 3 FEET ABOVE ANY OUTSIDE AIR INTAKES. NO FLAGPOLE PERMITTED.
- ALL PIPING SHALL BE INSTALLED AS INDICATED ON THE DRAWINGS IN A NEAT WORKMANSHIP-LIKE MANNER AND BE SUPPORTED AS REQUIRED BY CODES. PIPING SHALL BE SET UP AND DOWN AND OFFSET AS REQUIRED TO SUIT FIELD CONDITIONS. DIELECTRIC COUPLINGS SHALL BE USED WHERE DISSIMILAR METALS ARE JOINED.
- ALL PIPING DISCHARGING INTO FLOOR-SINKS AND/OR FLOOR DRAINS SHALL MAINTAIN MINIMUM AIR-GAP AS REQUIRED BY LOCAL CODES.
- ALL VALVES, UNIONS, ETC. TO BE SAME SIZE AS LINE SIZE UNLESS OTHERWISE INDICATED ON DRAWINGS.
- ISOLATE AND DRAIN EXISTING PIPING SYSTEM AS REQUIRED TO ACCOMMODATE INSTALLATION OF THE WORK.
- UNIONS SHALL BE PROVIDED AND INSTALLED AFTER EACH SCREW-TYPE VALVE AND PRIOR TO EQUIPMENT CONNECTIONS.
- EQUIPMENT ANCHORAGE NOTES:

ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2016 CBC, SECTIONS 1616A.1, 18 THROUGH 1616A.1.26 AND ASCE 7-10 CHAPTER 6 AND 30.

  - ALL PERMANENT EQUIPMENT AND COMPONENTS.
  - TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER.
  - MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND HEAVIER THAN 400 POUNDS ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.

THE ATTACHMENT OF THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT:

- COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
- COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD AND THE DSA DISTRICT STRUCTURAL ENGINEER. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.

24. PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE
- PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-10 SECTION 13.3 AS DEFINED IN ASCE 7-10 SECTION 13.6.8, 13.6.7, 13.6.5.6 ITEM 6, AND 2016 CBC SECTIONS 1616A.1.23, 1616A.1.24, 1616A.1.25 AND 1616A.1.26.

THE BRACING AND ATTACHMENTS TO THE STRUCTURE SHALL BE DETAILED ON THE APPROVED DRAWINGS OR THEY SHALL COMPLY WITH ONE OF THE OSHPD PRE-APPROVALS (OPM #) AS MODIFIED TO SATISFY ANCHORAGE REQUIREMENTS OF ACI 318, APPENDIX D.

COPIES OF THE MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF HANGING AND BRACING OF THE PIPE, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM.

THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

25. PLUMBING FIXTURES AND FAUCETS SHALL BE CERTIFIED BY THE STATE OF CALIFORNIA ENERGY COMMISSION AS REQUIRED BY THE CALIFORNIA ENERGY EFFICIENCY STANDARDS SECTION 5-5314 AND TABLE 'G'.

26. ALL SOIL, WASTE, STORM DRAIN AND VENT PIPING SHALL SLOPE AT 2% UNLESS OTHERWISE INDICATED.

- PIPING THROUGH FIRE RATED WALLS SHALL BE PER U.L. FIRE RESISTANCE SYSTEM NO. W1001. SEE ARCHITECTURAL PLANS FOR ALL WALL LOCATIONS.
- REFER TO THE SPECIFICATIONS BOOK FOR ADDITIONAL REQUIREMENTS.
- ALL CLEANOUTS SHALL BE INSTALLED WHERE READILY ACCESSIBLE. THE CONTRACTOR SHALL COORDINATE ALL CLEANOUT LOCATIONS WITH EQUIPMENT, CABINETS, ETC. AND THE ARCHITECT PRIOR TO ANY INSTALLATION.
- KEEP ALL PIPING FROM LOAD BEARING FOOTINGS. IF UNABLE TO CLEAR FOOTINGS OR GRADE BEAMS, INSTALL PIPING THROUGH PIPE SLEEVES.
- BEFORE FABRICATION OR INSTALLATION, THE CONTRACTOR SHALL VERIFY EXACT LOCATIONS OF ALL EQUIPMENT AND FIXTURES. EXACT ROUGH-IN LOCATIONS AND REQUIREMENTS SHALL BE COORDINATED IN FIELD.
- ACCESSIBLE PLUMBING FIXTURES SHALL COMPLY WITH ALL OF THE REQUIREMENTS OF 2016 CBC CHAPTER 11A AND/OR 11B. HEIGHTS AND LOCATION OF ALL FIXTURES SHALL BE ACCORDING TO CBC 2016 SECTION 1138A. FIXTURE CONTROLS SHALL COMPLY WITH CBC 2016 SECTION 1138A.4.
- ALL VALVES, TRAP PRIMERS, WATER HAMMER ARRESTORS OR OTHER EQUIPMENT SHOWN IN WALLS OR ABOVE NON-ACCESSIBLE CEILINGS SHALL BE INSTALLED BEHIND AN ACCESS PANEL.
- ALL VENT THROUGH ROOF SHALL BE MINIMUM OF 3 FEET VERTICALLY AND 10 FEET HORIZONTALLY FROM ANY AIR CONDITIONING EQUIPMENT FRESH AIR INTAKES.
- VERIFY WITH ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF ALL FLOOR DRAINS, ROOF, OVERFLOW DRAINS AND FLOOR SINKS.
- FIXTURES SHALL BE PROTECTED DURING CONSTRUCTION FROM ANY DAMAGES. REFINISHED FIXTURES WILL NOT BE ACCEPTABLE UNDER ANY CONDITIONS.
- HOSE BIB WITH VACUUM BREAKER SHALL BE PROVIDED UNDER LAVATORY IN EACH PUBLIC RESTROOM.
- INSULATE INDIRECT DRAIN LINES FROM REFRIGERATORS, FREEZERS, ICE MAKER AND ICE BINS WITH MANVILLE AERO-TUBE OR EQUAL TO PREVENT CONDENSATE DRIPS.
- INSULATE WASTE PIPE AND P-TRAP FROM FLOOR SINK, FLOOR DRAINS OR FUNNEL DRAINS. COLLECTING INDIRECT DRAINS FROM REFRIGERATORS, FREEZERS, ICE MAKER AND ICE BINS TO PREVENT CONDENSATE DRIPS. INSULATE WASTE PIPE UP TO THE NEXT 3" OR 4" MAIN CONNECTION.
- PROVIDE AND INSTALL GAS COCKS AND UNION AT EACH GAS FIRED EQUIPMENT.
- PROVIDE AND INSTALL CHROME ANGLE VALVES ON HOT AND COLD WATER SUPPLY AT EACH PLUMBING FIXTURES.
- ALL WATER FAUCETS SHALL BE PROVIDED WITH CODE APPROVED FLOW RESTRICTORS.
- COVER ALL FLOOR DRAINS, FLOOR SINKS, ROOF AND OVERFLOW DRAINS DURING CONSTRUCTIONS TO PREVENT DEBRIS FROM ENTERING PIPE AND PROTECT GRATES FROM DAMAGES.
- COORDINATE WITH ELECTRICAL CONTRACTOR PRIOR TO ORDERING EQUIPMENT FOR AVAILABLE VOLTAGES AT ALL EQUIPMENT LOCATIONS.
- COORDINATE WITH ELECTRICAL CONTRACTOR FOR ALL TAMPER AND FLOW SWITCH LOCATIONS.
- BECAUSE OF THE SMALL SCALE DRAWINGS, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS AND ACCESSORIES WHICH MAY BE REQUIRED. THE CONTRACTOR SHALL CAREFULLY INVESTIGATE THE CONDITIONS SURROUNDING INSTALLATION OF HIS WORK. FURNISHING THE NECESSARY PIPING, FITTINGS, VALVES, TRAPS, AND OTHER DEVICES WHICH MAY BE REQUIRED TO COMPLETE THE INSTALLATION.
- UNLESS SPECIFIED ON STRUCTURAL DRAWINGS, ANY ALTERATION OR MODIFICATIONS TO STRUCTURAL ELEMENTS BY CUTTING, DRILLING, BORING, BRACING, WELDING ETC. SHALL HAVE WRITTEN APPROVAL STRUCTURAL ENGINEER PRIOR TO START WORK.
- ITEMS NOT SHOWN IN THE DRAWINGS BUT NECESSARY FOR COMPLETE OPERATION OF THE SYSTEM/FIXTURES/EQUIPMENT OR FOR COMPLETE CODE INSTALLATION SHALL BE PROVIDED AT NO ADDED COST TO THE OWNER.
- DIELECTRIC UNION ISOLATOR WITH THREADED CONNECTIONS SHALL BE PROVIDED FOR CONNECTING INCOMPATIBLE MATERIALS.
- ALL PLUMBING FIXTURES SHALL BE APPROVED BY OWNER PRIOR TO ORDERING.
- CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION OF ALL EXISTING UTILITIES TO WHERE HE IS TO CONNECT PRIOR TO INSTALLATION OF ANY PIPING. EXTEND NEW PIPING IF NECESSARY TO WHERE THE EXISTING IS.
- ALL CONNECTIONS TO EXISTING SERVICES SHALL BE MADE SUCH THAT INTERRUPTION TIME WILL BE AS SHORT AS POSSIBLE. THE CONTRACTOR SHALL GIVE THE OWNERS REPRESENTATIVE SUFFICIENT NOTICE OF SUCH INTERRUPTION AND THE ACTUAL SHUT DOWN TIME SHALL BE AT A TIME DESIGNATED BY THE OWNERS REPRESENTATIVE.
- ALL EXISTING PIPING DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED WITH MATERIALS TO MATCH EXISTING BY THE CONTRACTOR.
- PROVIDE AND INSTALL WATER HAMMER ARRESTORS IN THE FOLLOWING LOCATIONS (ONLY NON-FERROUS ARRESTORS MAY BE INSTALLED IN ANY WATER SYSTEM):
  - WATER LINES TO LAVATORY HEADERS, WATER CLOSET AND URINAL HEADERS, SERVICE SINKS, KITCHEN SINKS, WASH FOUNTAINS, DRINKING FOUNTAINS, LABORATORIES WITH MEDICAL TYPE FAUCETS AND ON WASH SINKS HAVING 3 OR MORE STATIONS AND ALL OTHER QUICK CLOSING FIXTURE SUCH AS CLOTHES WASHERS, AS CLOSE TO FIXTURE AS POSSIBLE.
  - BETWEEN LAST 2 FIXTURES WHEN 3 OR MORE FIXTURES, OTHER THAN THOSE LISTED IN 'A' ABOVE, ARE SERVED BY A COMMON HEADER.
  - WHEN ARRESTOR SHALL BE INSTALLED IN WALL OR FURRING, FURNISH WITH AN ACCESS PLATE LARGE ENOUGH TO PERMIT REMOVAL OF ARRESTOR. ACCESS PLATE SHALL BE A MINIMUM OF 2 INCHES LARGER IN EACH DIRECTION THAN ARRESTOR.
- ALL PIPING INTO STEM WALLS AND FOOTINGS SHALL BE DOUBLE HALF LAP WRAPPED WITH 1/8" THICK "ARMAFLEX" INSULATION. THE CONTRACTOR SHALL ALSO PROVIDE BLOCKED OUT AREAS IN STEM WALL AND FOOTING. ALL PIPING SHALL AVOID THE LOWER 8" OF THE FOOTING.
- ALL HOT WATER PIPING SHALL BE INSULATED. INSULATION SHALL HAVE A FLAME SPREAD OF NOT MORE THAN 25 AND A SMOKE DENSITY NOT EXCEEDING 50 PER 2016 CMC SEC. 1201.3.2.11. SEE SPECIFICATION FOR OTHER REQUIREMENTS.
- ALL CONNECTIONS TO SITE PIPING SHALL BE DONE BY THE PLUMBING CONTRACTOR.
- CLEANOUTS SHALL BE PROVIDED PER 2016 CPC SECTION 707.0 & 719.0 AND TO THE FOLLOWING LOCATIONS:
  - AT EACH BASE OF ROOF DRAIN DOWNSPOUTS.
  - AT EACH BASE OF WASTE STACK.
  - AT EVERY 100 FT OF STRAIGHT RUN OF HORIZONTAL PIPING.
  - AT EACH AGGREGATE HORIZONTAL CHANGE IN DIRECTION EXCEEDING ONE HUNDRED THIRTY-FIVE (135) DEGREES.
  - AT EACH HORIZONTAL DRAINAGE PIPE UPPER TERMINAL.
  - ABOVE EACH URINAL.
  - BELOW EACH SINK.
- PROVIDE SEDIMENT TRAP AS CLOSE AS POSSIBLE TO ALL GAS APPLIANCES AND GAS FIRED EQUIPMENTS INLET EXCEPT FOR APPLIANCES LISTED PER 2016 CPC SECTION 1211.8. SEE SEDIMENT TRAP INSTALLATION PER 2016 CPC FIGURE 1211.8.
- DOMESTIC WATER PIPING AND COMPONENTS SHALL BE PROVIDED AND INSTALLED IN COMPLIANCE WITH CALIFORNIA AB 1993 LEGISLATION, WHICH LIMITS THE ALLOWABLE LEAD CONTENT IN CERTAIN DOMESTIC WATER SYSTEM COMPONENTS.
- ALL PLUMBING FIXTURES AND FITTINGS SHALL MEET CALGREEN MANDATORY REQUIREMENT OF 20% REDUCED FLOW RATE SPECIFIED IN TABLE 5.303.2.3.

SHEET INDEX

SHEET	DESCRIPTION
PG0.01	GENERAL NOTES, LEGEND, ABBREVIATIONS, AND SHEET INDEX
PG1.01	PLUMBING SITE PLAN AND MATERIAL SCHEDULE
PG6.01	DETAILS

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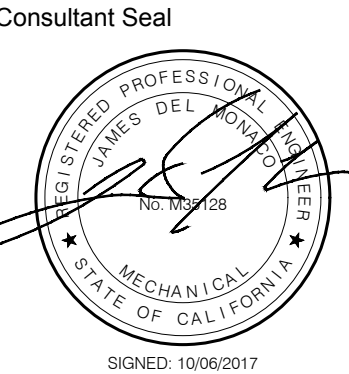
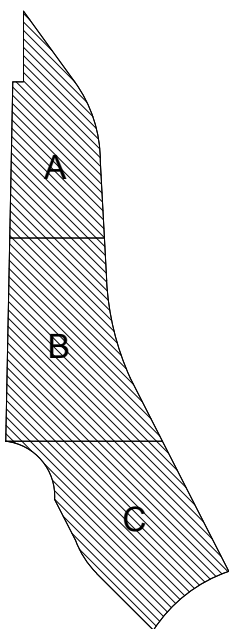


KEY NOTES

NO.	Note - Detail
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NOTES

Key Plan



Agency Approval

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DIV. OF THE STATE ARCHITECT

APPL. 04-116580

ACS. \_\_\_\_\_ FLS. \_\_\_\_\_ SSS. \_\_\_\_\_  
DATE \_\_\_\_\_

Project Title



Palomar North Education Center - Interim Village

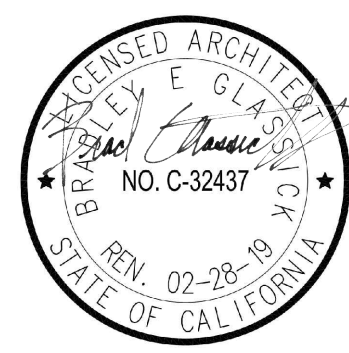
**Palomar College**

35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:  
**General Notes, Legend And Abbreviations**

Architect's Seal



Designed: ☐ Project No. 5015019-102

Drawn: MU Scale: Not To Scale

QA/QC JDM Drawing No.

Date: 10/06/2017

**PG0.01**



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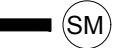
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PIPE MATERIALS

GAS PIPING ABOVE GRADE	SCHEDULE 40 BLACK STEEL PIPE CONFORMING TO ASTM A 53 WITH 150 PSIG MALLEABLE IRON THREADED FITTINGS. WELDED JOINTS FOR PIPE SIZES 3" AND LARGER OR WELDED THROUGHOUT WHEN USED FOR MEDIUM PRESSURE. OUTDOOR PIPING EXPOSED TO ATMOSPHERE SHALL BE GALVANIZED STEEL PIPE OR PAINTED WITH RUST INHIBITING PAINT.
GAS PIPING BELOW GRADE (EXTERIOR SITE DISTRIBUTION)	POLYETHYLENE PIPE (PE) ORANGE OR YELLOW IN COLOR CONFORMING TO ASTM D 2513 SDR-11 AND WPMO INSTALLATION STANDARD IS-12 WITH PE FITTINGS CONFORMING TO ASTM D-2663, SOCKET-FUSION TYPE OR ASTM D-3201 WITH DIMENSIONS MATCHING PE PIPE, P.E. TRANSITION FITTINGS, FACTORY-FABRICATED FITTINGS WITH PE COMPLYING WITH ASTM D-2513, SDR-11, PROTECTIVE COATING FOR UNDERGROUND PIPING, FACTORY APPLIED, THREE-LAYER COATING OF EPOXY, ADHESIVE AND PE.
PIPE PROTECTION: ALL UNDERGROUND METALLIC PIPE WHETHER BURIED OR ENCASED SHALL BE WRAPPED WITH ANTI-CORROSIVE 20 MIL PVC TAPE OR INSTALLED IN 8 MIL POLYETHYLENE SLEEVE CONFORMING TO ASTM D-1248 AND/OR ANSI/AWWA C105/A21.5.	
TRACER WIRE: ALL UNDERGROUND PLASTIC PIPE SHAL BE INSTALLED WITH BARE COPPER WIRE, TYPE TW, SIZE AWG #12 PLACED AND SECURED ON TO TH ETOP OF THE MAINS AND BRANCHES WITH ALL WIRE TO WIRE CONNECTIONS SOLDERED FOR CONTINUITY.	
WARNING TAPE: MAGNETIC TYPE, 12" BELOW FINISHED GRADE. THE TAPE SHALL BE 6" WIDE AND SHALL HAVE TH WORDS, "CAUTION BURIED GAS LINE BELOW".	

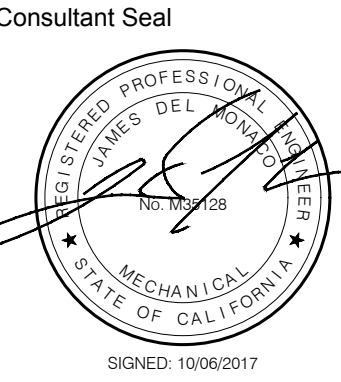
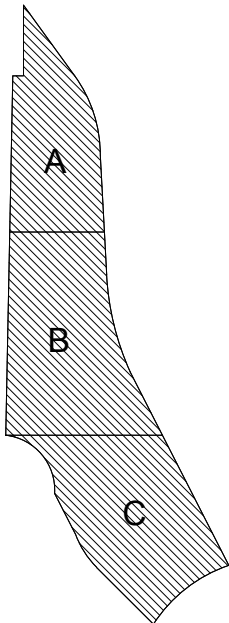


KEY NOTES

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NOTES

Key Plan



Agency Approval

FILE NO. 37-C1


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DATE

Project Title

**Palomar College**  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:  
**SCHEDULES**

	Designed: RC	Project No. 5015019-102
	Drawn: MU	Scale: Not To Scale
	QA/QC: JDM	Drawing No. <b>PG0.02</b>
	Date: 10/06/2017	



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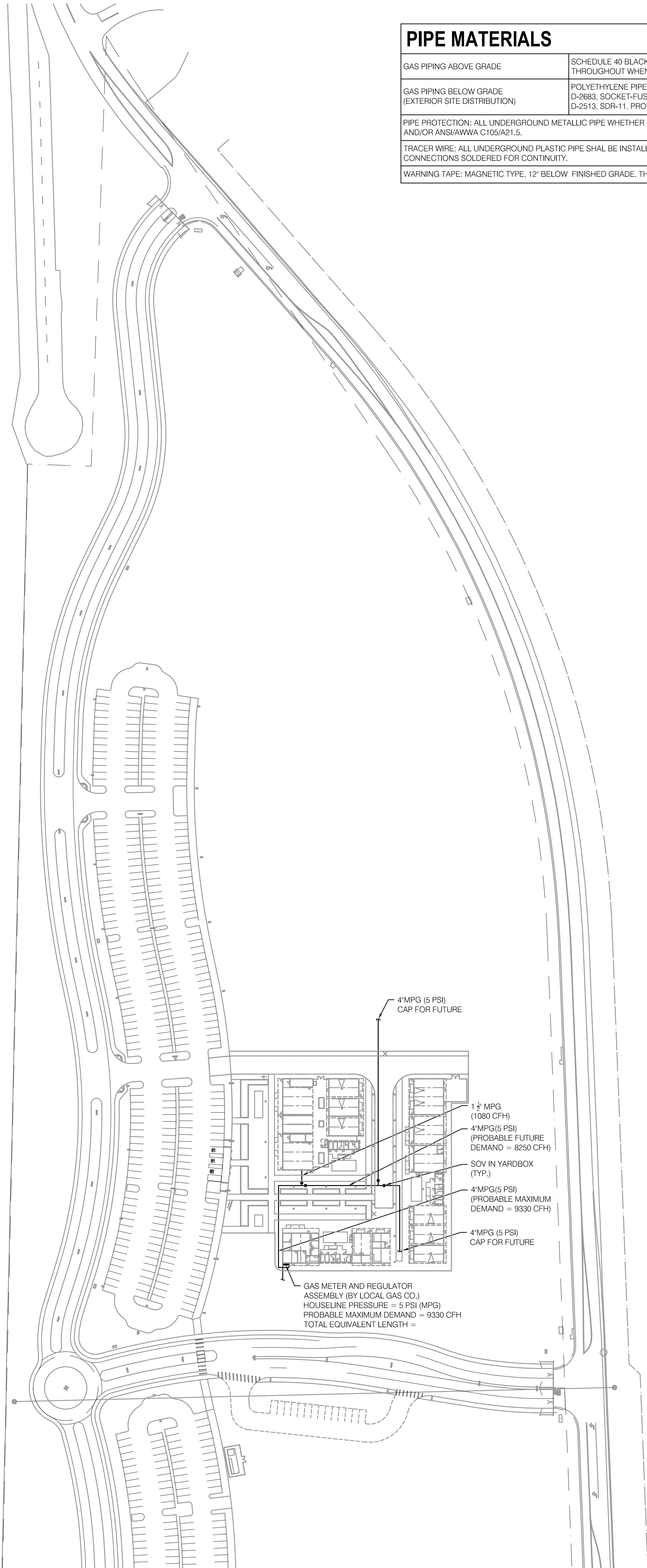
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D

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A



PIPE MATERIALS

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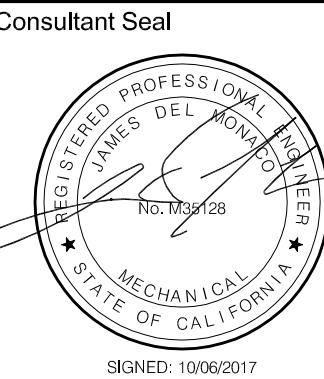
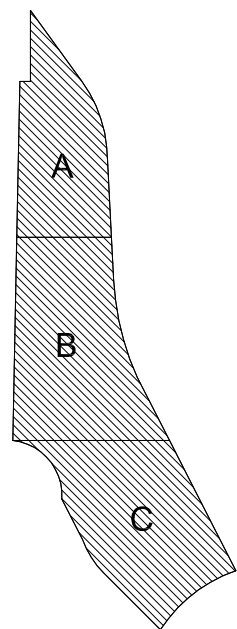
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KEY NOTES

NO. Note - Detail

NOTES

Key Plan



Agency Approval

FILE NO. 37-C1

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT

APPL. 04-116580

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DATE

Project Title



Palomar North Education Center - Interim Village  
**Palomar College**  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:  
**Plumbing Site Plan**

Architect's Seal

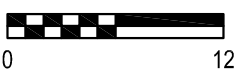


Designed: RC Project No. 5015019-102

Drawn: MU Scale: 1" = 80'-0"

QA/QC: JDM Drawing No. **PG1.01**

Date: 10/06/2017



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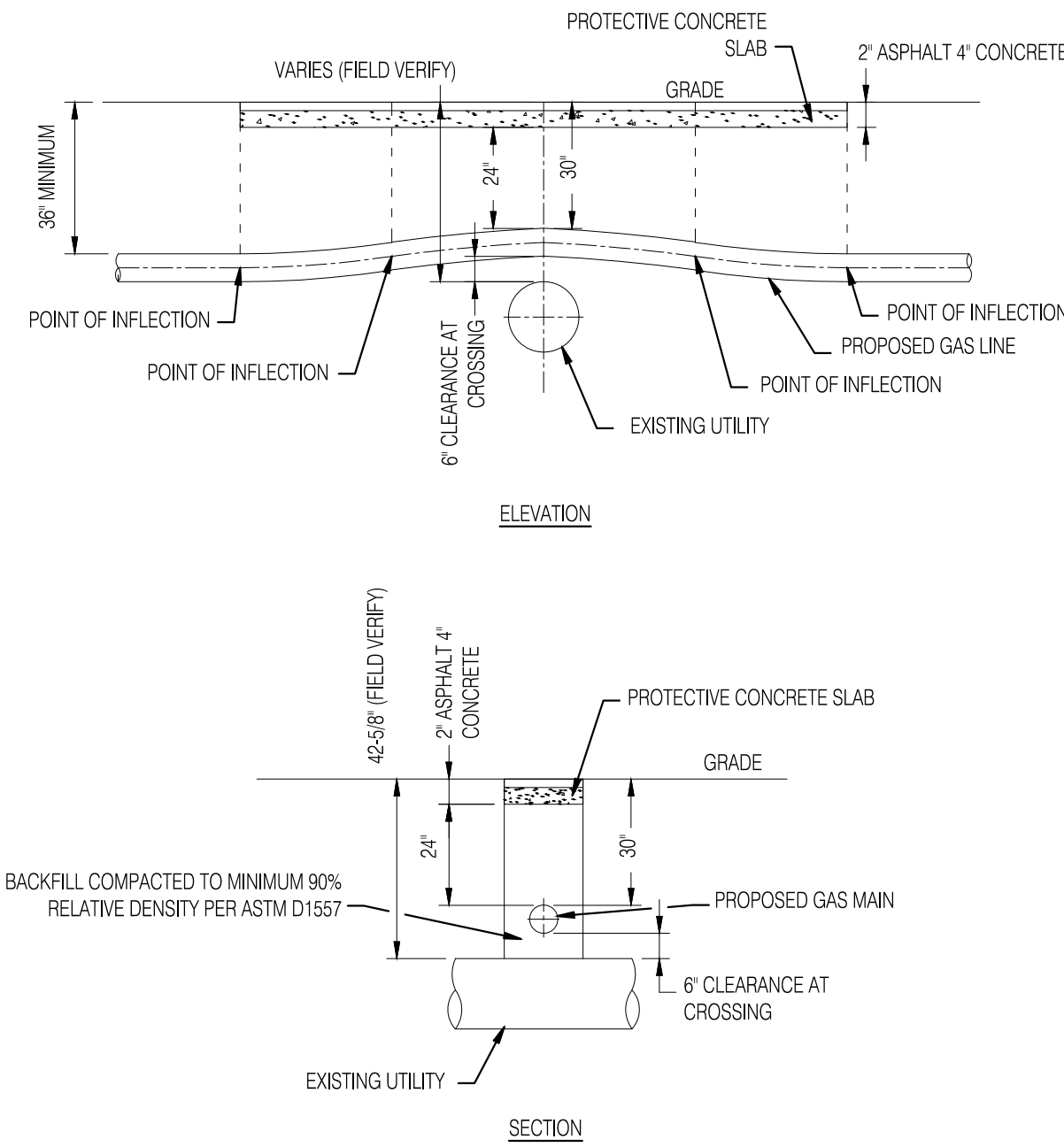
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KEY NOTES

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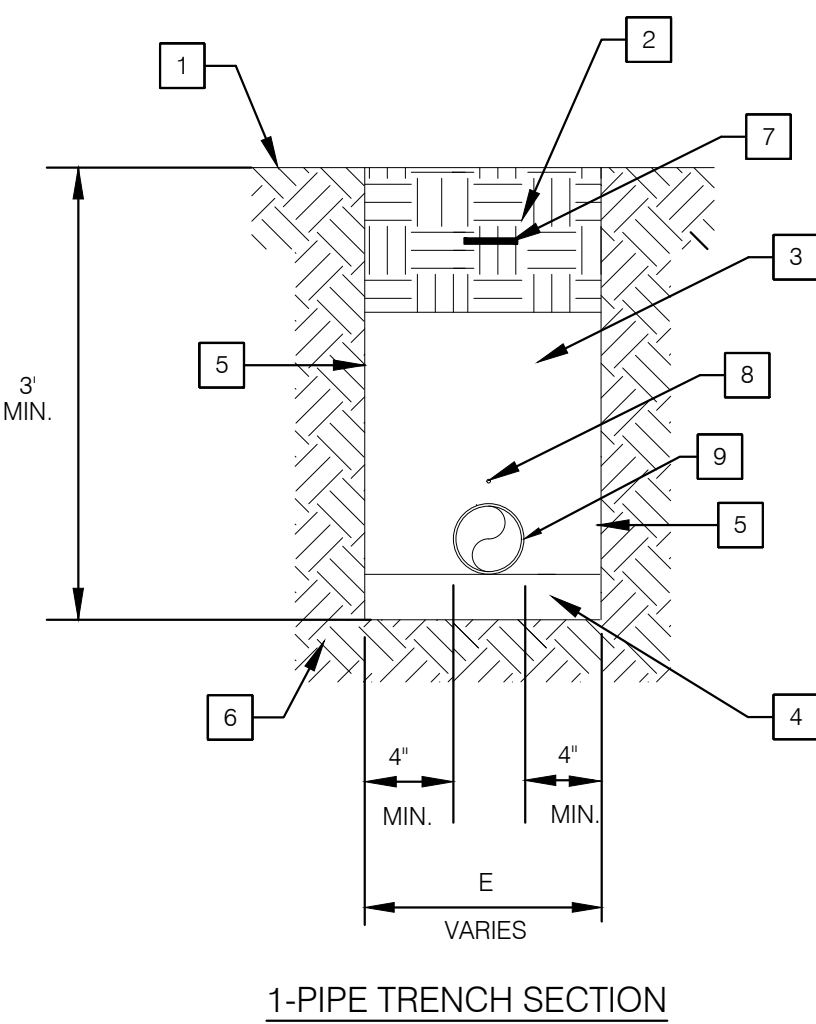
NOTES



- NOTES:
- CONTRACTOR SHALL VERIFY LOCATION AND DEPTH OF EXISTING UTILITY LINE(S) PRIOR TO CONSTRUCTION.
  - ADJUST GAS PIPING DEPTH AS NEEDED WHILE MAINTAINING A MINIMUM 30" DEPTH OF COVER OVER NEW MDPE GAS PIPING AT UTILITY CROSSING.
  - DO NOT EXCEED MINIMUM BEND RADIUS OF MDPE PIPING.
  - CONTRACTOR TO EXPOSE TOP OF EXISTING UTILITY AND ENSURE BACKFILL COMPACTION AT CROSSING. MAINTAIN MINIMUM 8" VERTICAL SEPARATION BETWEEN GAS MAIN AND EXISTING UTILITY.
  - CONTRACTOR TO INSTALL PROTECTIVE CONCRETE SLAB FOR ENTIRE LENGTH OF PIPELINE INSTALLED WITH LESS THAN 36" DEPTH OF COVER.
  - 6" CLEARANCE ALSO ALLOWED FOR CROSSING EXISTING UTILITY TO LIMIT TRENCH DEPTH WITHOUT NEED FOR PROTECTIVE CONCRETE SLAB, UNLESS INDICATED OTHERWISE ON DRAWINGS.

4 CONSTRAINED UTILITY CROSSING

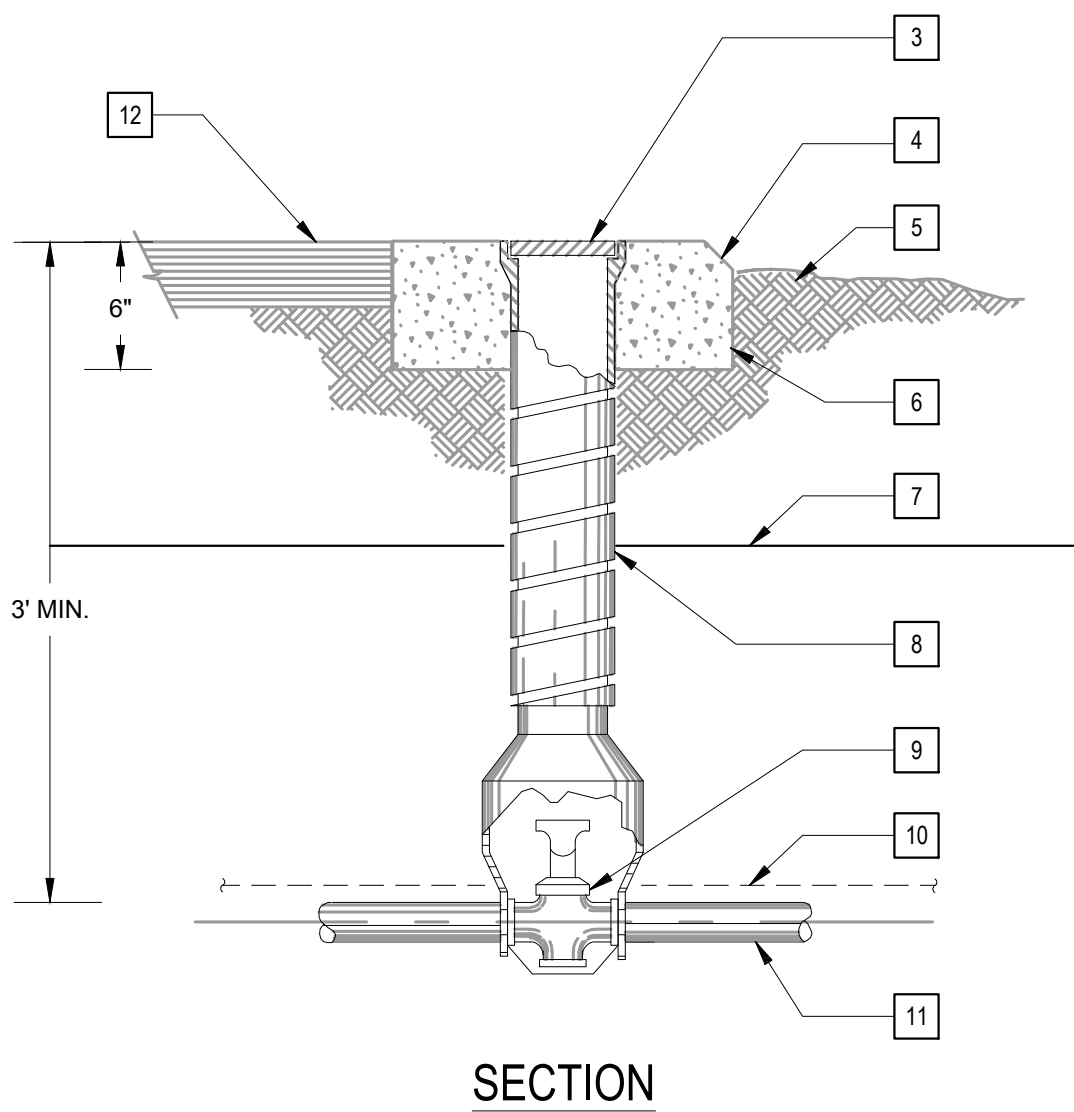
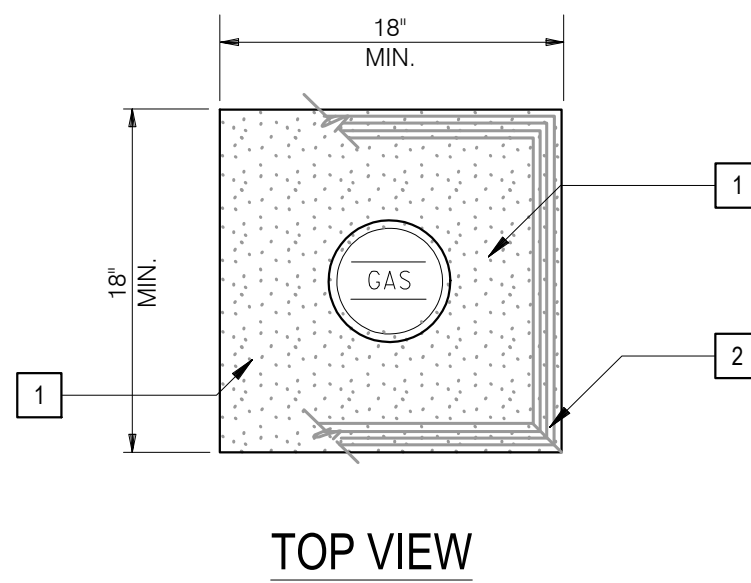
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- NOTES
- |   |                     |
|---|---------------------|
| 1 GRADE   | 6 UNDISTURBED EARTH |
| 2 SELECT BACKFILL, 18" MIN FOR NORMAL SOIL, 12" MIN FOR ROCKY SOIL.             | 7 WARNING TAPE      |
| 3 SAND BACKFILL, 12" FOR NORMAL SOIL, OR 18" FOR ROCKY SOIL, OVER TOP OF JACKET | 8 TRACER WIRE       |
| 4 8" SAND BACKFILL BED IN BOTTOM OF TRENCH                                      | 9 GAS CARRIER PIPE  |
| 5 TRENCH WALL   |                     |

2 GAS TRENCH

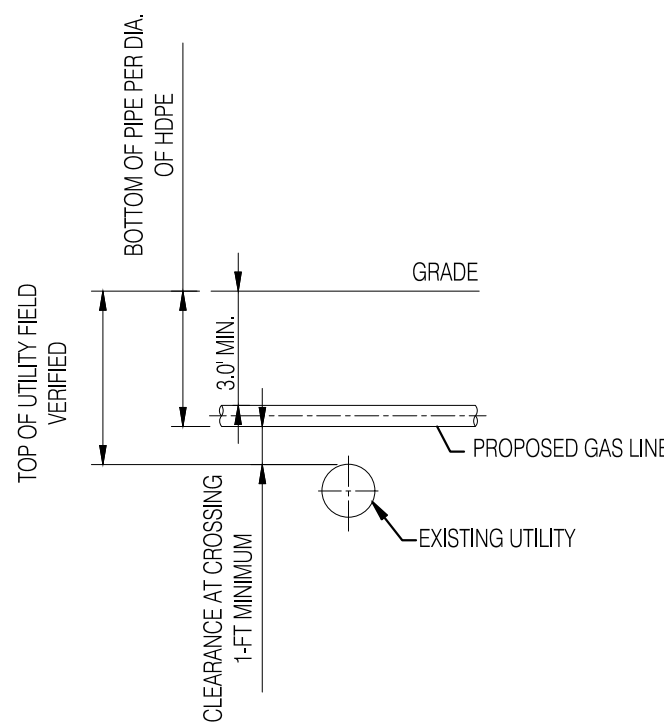
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- NOTES
- |                                      |   |
|--------------------------------------|---|
| 1 CONCRETE COLLAR                    | 7 WARNING TAPE  |
| 2 CHAMFER EDGE                       | 8 SERVICE BOX (INSTALL IN COMPRESSED POSITION)            |
| 3 METAL COVER W/ MARKING "GAS"       | 9 GAS VALVE   |
| 4 2" CHAMFER ON ALL COLLARS W/ EARTH | 10 TRACER WIRE  |
| 5 FINISH GRADE                       | 11 GAS SERVICE LINE                                       |
| 6 CONCRETE COLLAR (4000 PSI MIN.)    | 12 CONCRETE TO BE FLUSH W/ ALL PAVING & SIDEWALK SURFACES |

1 GAS VALVE BOX

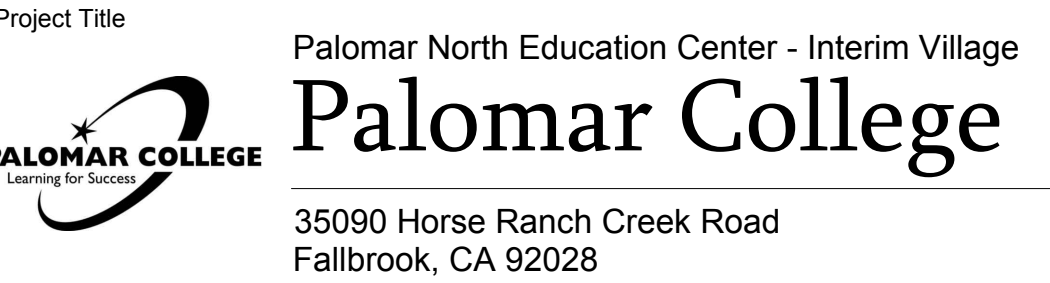
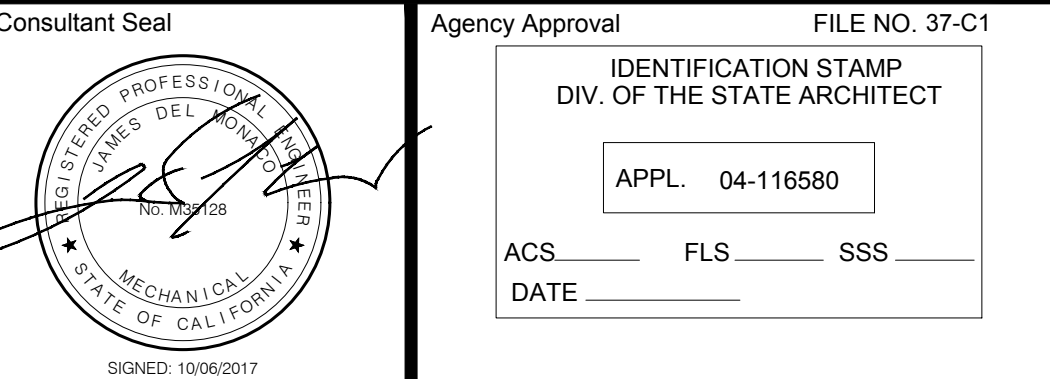
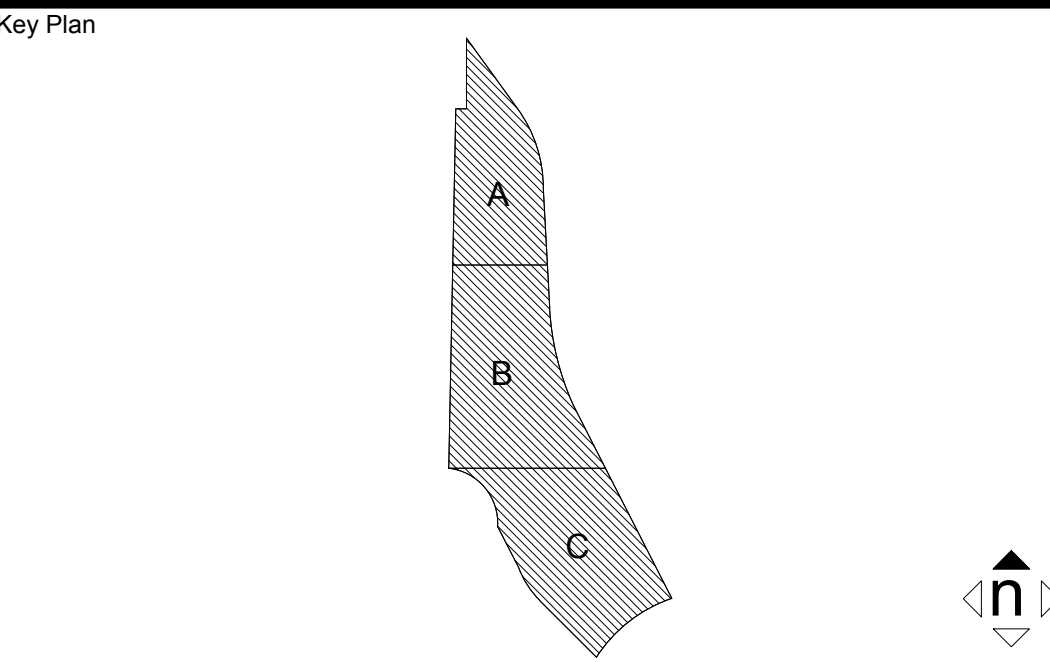
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- NOTES:
- CONTRACTOR SHALL VERIFY LOCATION AND DEPTH OF EXISTING UTILITY LINE(S) PRIOR TO CONSTRUCTION.
  - ADJUST GAS PIPING DEPTH AS NEEDED BUT ENSURE MINIMUM 36" DEPTH OVER NEW MDPE GAS PIPING AT ALL TIMES.
  - MAINTAIN MINIMUM 12" SEPARATION BETWEEN GAS MAIN AND EXISTING UTILITIES UNLESS OTHERWISE INDICATED ON THE PLANS.

3 UTILITY CROSSING OVER TYPICAL

NO SCALE



No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

DETAILS

Architect's Seal	Designed: RC	Project No. 5015019-102
Professional Engineer Seal	Drawn: MU	Scale: Not To Scale
	QA/QC: JDM	Drawing No. PG6.01
	Date: 10/06/2017	



ABBREVIATIONS

A	AMPERE (AMPS)
AC	ALTERNATING CURRENT
AIC	AMPS-FRAME (RATING)
AI	AMP INTERRUPTING CURRENT
AM	AMMETER
AS	AMP SWITCH (FUSED SWITCH RATING)
AT	AMPS-TRIP (RATING)
AUG	AMERICAN WIRE GAUGE
BC	BARE COPPER
BLDG	BUILDING
C	CONDUIT
CB	CIRCUIT BREAKER
CO	CONDUIT ONLY
CT	CURRENT TRANSFORMER
CU	COPPER
COFI	CONTRACTOR FURNISHED OWNER INSTALLED
COFI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED
DPDT	DOUBLE POLE DOUBLE THROW
DPST	DOUBLE POLE SINGLE THROW
DWG	DRAWING
EX	EXISTING
FLA	FULL LOAD AMPS
FVR	FULL VOLTAGE REVERSING
FVNR	FULL VOLTAGE NON-REVERSING
GFI	GROUND FAULT INTERRUPTER
GRD/GND	GROUND
HID	HIGH INTENSITY DISCHARGE
HOA	HAND-OFF-AUTOMATIC
HP	HORSEPOWER
HPB	HIGH PRESSURE SODIUM
HZ	HERTZ
KW	KILOWATT
LCL	LONG CONTINUOUS LOAD
LRA	LOCKED ROTOR AMPS
LTS	LIGHTING
MCA	MINIMUM CIRCUIT AMPACITY
MCC	MOTOR CONTROL CENTER
MCM (KCM)	THOUSAND CIRCULAR MILS
MECH	MECHANICAL
NC	NORMALLY CLOSED
NF	NON-FUSED
NO	NORMALLY OPEN/NUMBER
NO	OWNER FURNISHED CONTRACTOR INSTALLED
OCFI	OWNER FURNISHED OWNER INSTALLED
PH	PHASE
POC	POINT OF CONNECTION
PFA	POWER FEDESTAL 'A'
FRS	PVC COATED RIGID STEEL (CONDUIT)
PT	POTENTIAL TRANSFORMER
PVC	POLYVINYL CHLORIDE DUCT
SWBD	SWITCHBOARD
TYP	TYPICAL
UG	UNDERGROUND
UON	UNLESS OTHERWISE NOTED
V	VOLT
VA	VOLT-AMPERES
VM	VOLTMETER
VL	VELOCITY LOCATION
W	WIRE/AMPS
WP	WEATHERPROOF (NEMA TYPE 3R)
WT	WATERTIGHT
XP	EXPLOSION PROOF (RATED FOR AREA HAZARD)

ELECTRICAL SYMBOL LEGEND

LIGHTING

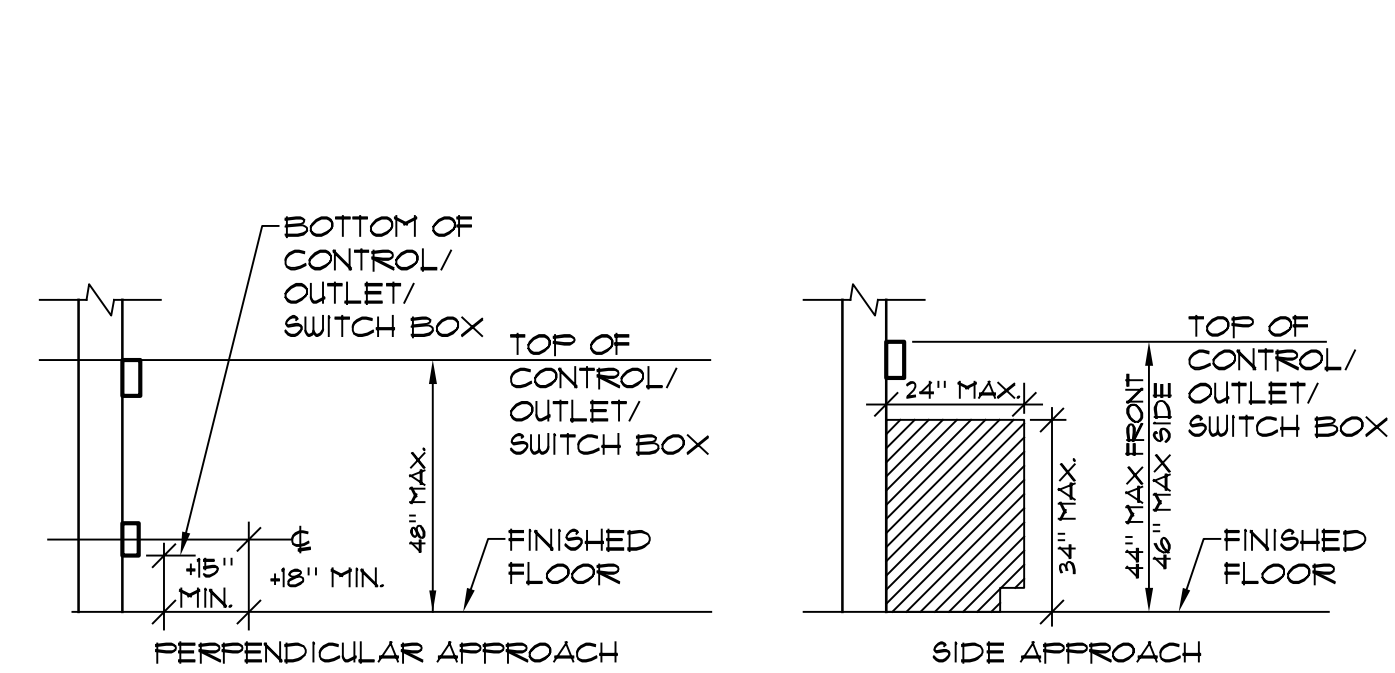
	LIGHTING FIXTURE DESIGNATION
	LIGHTING FIXTURE, CEILING OR WALL MOUNTED AS SHOWN
	FLUORESCENT LIGHT FIXTURE
	LIGHTING FIXTURE ON EMERGENCY CIRCUIT (LIFE SAFETY BRANCH OR BATTERY PACK)
	EXIT SIGN WITH DIRECTION ARROWS AS INDICATED. SHADED QUADRANT INDICATES FACE.
	EMERGENCY LIGHTING UNIT, WALL MOUNTED 12" BELOW CEILING (U.O.N.) LETTER INDICATES CIRCUIT CONTROLLED. SEE DETAIL
	FLUORESCENT STRIP LIGHT
	SINGLE POLE SWITCH, SUBSCRIPT WHEN SHOWN INDICATES FIXTURES CONTROLLED *48" AFF. (U.O.N.) HEIGHT PER DETAILS *1/E10, WHERE USED IN CONJUNCTION WITH OCCUPANCY SENSORS FOR SWITCH TYPE SEE DETAIL
	THREE-WAY SWITCH *48" AFF. (U.O.N.) HEIGHT PER DETAILS *1/E10
	FOUR-WAY SWITCH *48" AFF. (U.O.N.) HEIGHT PER DETAILS *1/E10
	SWITCH WITH PILOT LIGHT *48" AFF. (U.O.N.) HEIGHT PER DETAILS *1/E10
	DOUBLE POLE SWITCH *48" AFF. (U.O.N.) HEIGHT PER DETAILS *1/E10
	WEATHER PROOF SWITCH *48" AFF. (U.O.N.) HEIGHT PER DETAILS *1/E10
	KEY OPERATED SWITCH *48" AFF. (U.O.N.) HEIGHT PER DETAILS *1/E10
	SURFACE MOUNTED TRACK LIGHTING FIXTURES
	EXTERIOR SITE LIGHTING FIXTURE AND POLE
	EXTERIOR DECORATIVE SITE LIGHTING FIXTURE AND POLE
	LANDSCAPE LIGHTING FIXTURE
	SPORTS/LIGHTING FIXTURES AND POLES
	WALL MOUNTED OCCUPANCY SENSOR LIGHTING CONTROL *48" AFF. (U.O.N.) HEIGHT PER DETAILS *1/E10
	CEILING MOUNTED (CORNER OF THE ROOM) OCCUPANCY SENSOR LIGHTING CONTROL
	CEILING MOUNTED OCCUPANCY SENSOR LIGHTING CONTROL
	LOW VOLTAGE LIGHT SWITCH, HEIGHT PER DETAILS *1/E10
	DIGITAL LIGHTING CONTROL TYPICAL ROOM REQUIREMENTS.
	NUMBERED DEVICES ARE ADDITIONAL ITEMS SHOWN ON FLOOR PLAN IN ADDITION TO WHAT IS REQUIRED FOR THE TYPICAL ROOM REQUIREMENTS.

DISTRIBUTION EQUIPMENT

	DRAW OUT TYPE EQUIPMENT
	VACUUM CIRCUIT BREAKER, RATING AS NOTED.
	AIR INTERRUPTER SWITCH AND FUSE
	AIR INTERRUPTER
	FUSE
	POWER TRANSFORMER, RATING AS NOTED
	POWER CIRCUIT BREAKER DRAWOUT
	AUTOMATIC TRANSFER SWITCH. SEE SCHEDULE
	AMMETER
	VOLTMETER
	CIRCUIT BREAKER 200AF 200AT 3P 10000AIC 200AMP FRAME 200AMP TRIP 3 POLE 10000 AMPS INTERRUPTING CURRENT
	FUSED SWITCH 200AS 200AF 3P 200AMP FUSE 3 POLE
	UTILITY COMPANY METER

SYMBOL LEGEND

	POINT OF INTERCEPTION
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NOTE: MAINTAIN MINIMUM 30"x48" CLEAR FLOOR SPACE AT EACH APPROACH.

**MOUNTING HEIGHT OVER OBSTRUCTION**

**NO SCALE**

POWER CONTINUED

	DUPLEX RECEPTACLE, FLOOR MOUNTED
	DUPLEX RECEPTACLE, WALL MOUNTED, *18" AFF. (U.O.N.)
	RECEPTACLE, WALL MOUNTED HORIZONTALLY, *18" AFF. (U.O.N.)
	FOURPLEX RECEPTACLE, WALL MOUNTED, *18" AFF. (U.O.N.)
	RECEPTACLE MOUNTED *6" ABOVE COUNTER BACKSPLASH SEE ARCHITECTURAL PLANS FOR REQUIRED MOUNTING HEIGHT PRIOR TO ROUGH-IN.
	PROVIDE (2) DUPLEX RECEPTACLE CEILING MOUNTED LOCATE ADJACENT TO PROJECTOR. FIELD VERIFY EXACT LOCATION PRIOR TO ROUGH-IN.
	SINGLE RECEPTACLE, WALL MOUNTED *18" AFF. (U.O.N.)
	SINGLE RECEPTACLE (CLOCK HANGER TYPE) WALL MOUNTED *1'-0" AFF. (U.O.N.)
	SWITCH CONTROLLED DUPLEX RECEPTACLE *18" U.O.N.
	DUPLEX GROUND FAULT INTERRUPTING RECEPTACLE *18" AFF. (U.O.N.)
	DUPLEX RECEPTACLE ON EMERGENCY CIRCUIT *18" AFF. (U.O.N.)
	DUPLEX RECEPTACLE IN WEATHERPROOF ENCLOSURE *18" AFF. (U.O.N.)
	DUPLEX RECEPTACLE IN WEATHERPROOF 'LOCKING' ENCLOSURE *18" AFF. (U.O.N.) (SEE TYPICAL DETAILS E3 SERIES SHEETS AND SPECIFICATIONS FOR REQUIRED TYPE).
	DUPLEX RECEPTACLE (ORANGE) ISOLATED GROUND WALL MOUNTED *18" AFF. (U.O.N.)
	FOURPLEX RECEPTACLE (ORANGE) ISOLATED GROUND WALL MOUNTED *18" AFF. (U.O.N.)
	DUPLEX RECEPTACLE SAFETY TYPE / TAMPER PROOF WALL MOUNTED *18" AFF. (U.O.N.)
	DUPLEX COMPUTER RECEPTACLE (GREY), WALL MOUNTED *18" AFF. (U.O.N.)
	DUPLEX COMPUTER RECEPTACLE (BLUE) ISOLATED GROUND, SURGE SUPPRESSION, WALL MOUNTED *18" AFF. (U.O.N.)
	SINGLE RECEPTACLE 30 AMP, 250V, 4W, GROUNDING, WALL MOUNTED *18" AFF. (U.O.N.) FIELD VERIFY EXACT OUTLET CONFIGURATION WITH EQUIPMENT PRIOR TO ROUGH-IN.
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	SINGLE RECEPTACLE 30 AMP, 250



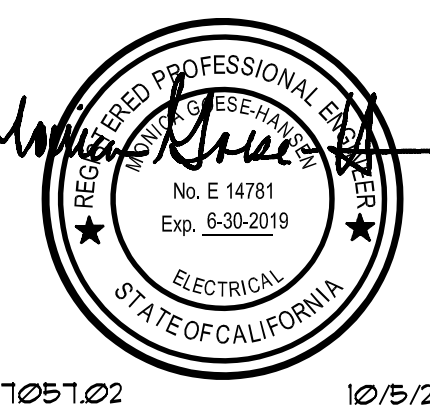
KEYNOTES

- KEY NOTES:
- ELECTRICAL SERVICE POINT OF CONNECTION  
FIELD VERIFY EXACT LOCATION WITH UTILITY CO.
  - ELECTRICAL UTILITY COMPANY UNDERGROUND  
HANDHOLE FURNISH AND INSTALL PER UTILITY  
CO. REQUIREMENTS.
  - UTILITY COMPANY TRANSFORMER, PROVIDE  
CONCRETE PAD AND UNDERGROUND  
HANDHOLE PER UTILITY CO. REQUIREMENTS.
  - ABOVE GROUND SDG&E CT CABINET.
  - ABOVE GROUND SDG&E FME SWITCH.
  - STUB AND CAP CONDUIT BELOW GRADE.
  - ELECTRICAL UTILITY EQUIPMENT PAD, FURNISH  
AND INSTALL PER UTILITY CO. REQUIREMENTS.

NOTES

- GENERAL NOTES:
- FURNISH AND INSTALL ALL UTILITY CO. SERVICES  
TO THE SITE TO COMPLY WITH LOCAL UTILITY CO.  
REQUIREMENTS. VERIFY ALL REQUIREMENTS  
PRIOR TO INSTALLATION.

ELECTRICAL COMPANY SERVICE CONTACT  
ANDREW NEWCOMB (760) 480-1131

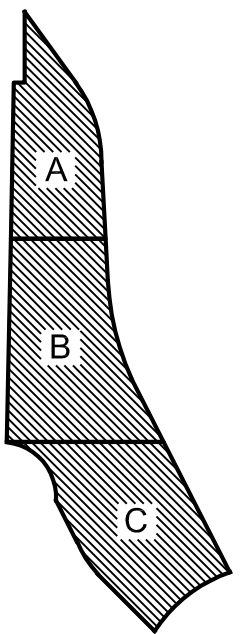


JOHNSON  
CONSULTING ENGINEERS, INC.

Power | Lighting | Multimedia  
Communications | Data Networking

12875 Brookprinter Place, Suite 300  
Poway, CA 92064  
P 858.679.4030 F 858.513.0559  
www.jce-inc.com

Key Plan



Consultant Seal

Agency Approval FILE NO. 37-C1  
IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APPL. 04-116580  
ACR \_\_\_\_\_ FLS \_\_\_\_\_ SSS \_\_\_\_\_  
DATE \_\_\_\_\_

Project Title

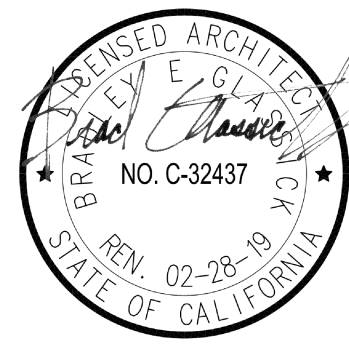


Palomar North Education Center  
**Palomar College**  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/6/2017

Drawing Title:  
**ELECTRICAL UTILITY SITE  
PLAN**

Architect's Seal



Designed: JF	Project No. 5015019-102
Drawn: AO	Scale:
QA/QC: RG	Drawing No. <b>E1.1</b>
Date: 10/6/2017	

ELECTRICAL UTILITY SITE PLAN

1

1" = 60'-0"



KEYNOTES

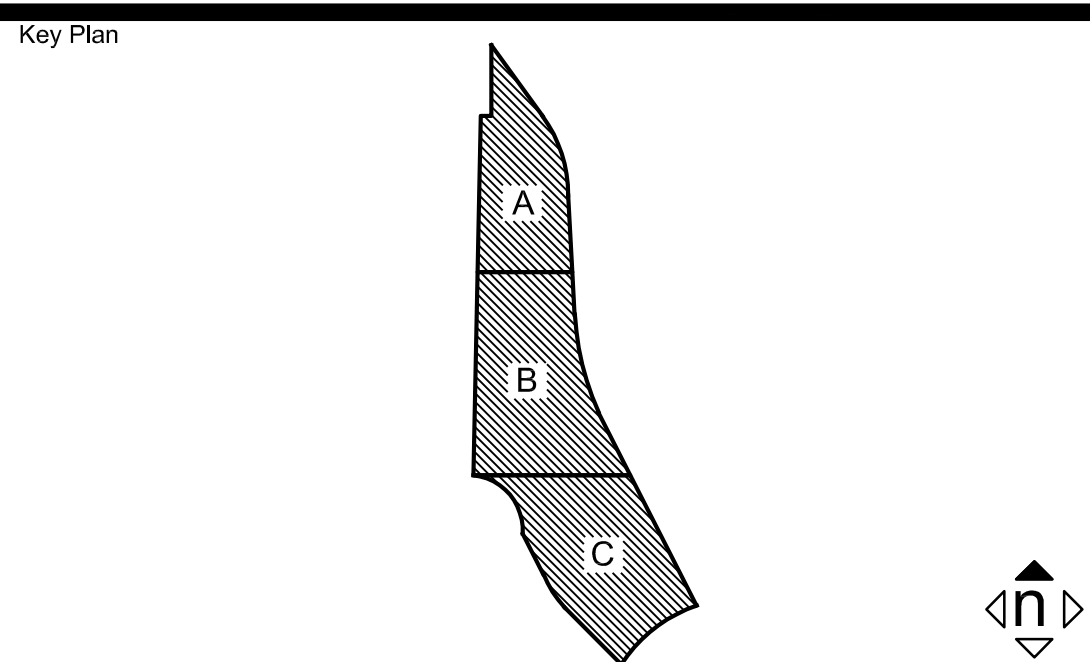
- KEY NOTES:
- STUB AND CAP CONDUIT BELOW GRADE.
  - CONDUIT SHALL BE CONCRETE ENCASED WHERE CROSSING ROADWAY OR PARKING LOT.

NOTES

- GENERAL NOTES:
- REFERENCE SHEET E1 SERIES FOR TYPICAL SITE DETAILS.
  - REFERENCE E6 SERIES SHEET FOR TYPICAL DETAILS.



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Consultant Seal	Agency Approval	FILE NO. 37-C1
	IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT	
	APPL. 04-116580	
	ACR. FLS. SSS.	
	DATE	

Project Title  
**Palomar College**  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/6/2017

Drawing Title  
**SITE PLAN ELECTRICAL**

Architect's Seal	Designed: JF	Project No. 5015019-102
	Drawn: AO	Scale:
	QA/QC: RG	Drawing No. <b>E1.2</b>
	Date: 10/6/2017	

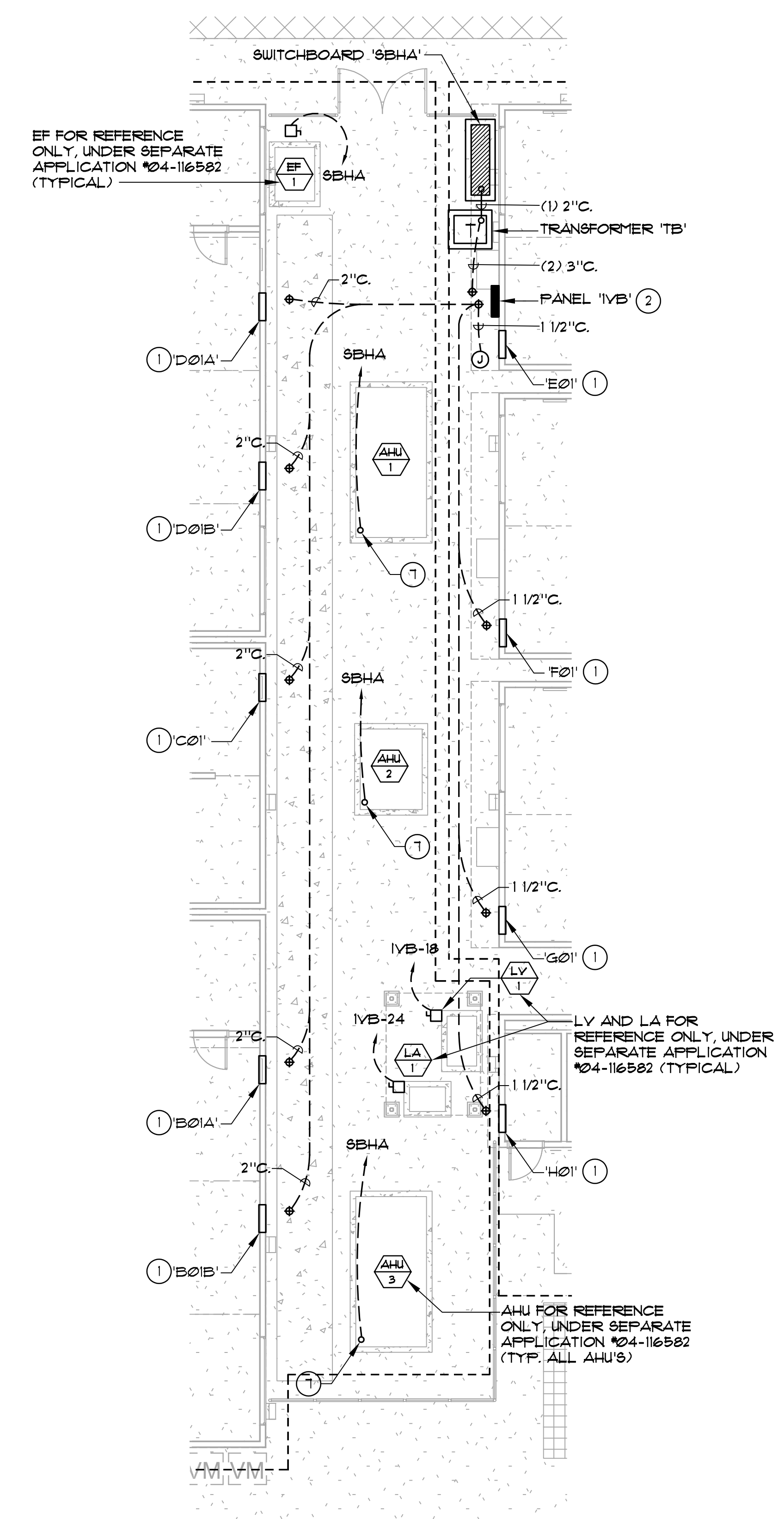


KEYNOTES

- KEY NOTES:
- 1 INTERIOR RECESSED ELECTRICAL LOADCENTER PROVIDED BY BUILDING MANUFACTURER. (SHOWN FOR REFERENCE ONLY, SCOPE INCLUDE IN CONTRACT A04-116581).
  - 2 EXTERIOR MOUNTED PANELBOARD. (SHOWN FOR REFERENCE ONLY, SCOPE INCLUDE IN CONTRACT A04-116581).
  - 3 3/4" C. 2 #10, 1 #2 GND.
  - 4 3/4" C. 3 #10, 1 #2 GND.
  - 5 PROVIDE ASTRONOMICAL DIGITAL 2FST TIME CLOCK.
  - 6 STUB AND CAP BELOW GRADE FOR FUTURE EXTENSION.
  - 7 FIELD VERIFY LOCATION OF INTEGRAL VFD/DISCONNECT PROVIDED WITH UNIT. (UNIT UNDER SEPARATE APPLICATION)

NOTES

- ⊕ EXTEND SITE FEEDER CONDUITS TO THIS LOCATION TO SERVE PANEL LOCATIONS INCLUDED IN CONTRACT A04-116581.



ENLARGED PLAN - ELECTRICAL  
1/8" = 1'-0" (FOR REFERENCE ONLY)

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Key Plan  
A  
B  
C

Consultant Seal  
Agency Approval  
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DIV. OF THE STATE ARCHITECT  
APPL. 04-116580  
ACR \_\_\_\_\_ FLS \_\_\_\_\_ SSS \_\_\_\_\_  
DATE \_\_\_\_\_

Project Title  
Palomar North Education Center  
**Palomar College**  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/6/2017

INTERIM VILLAGE - SITE PLAN

Architect's Seal  
Designed: JF  
Project No. 5015019-102  
Drawn: AO  
Scale:  
QAQC: RG  
Drawing No. E1.3  
Date: 10/6/2017



KEYNOTES

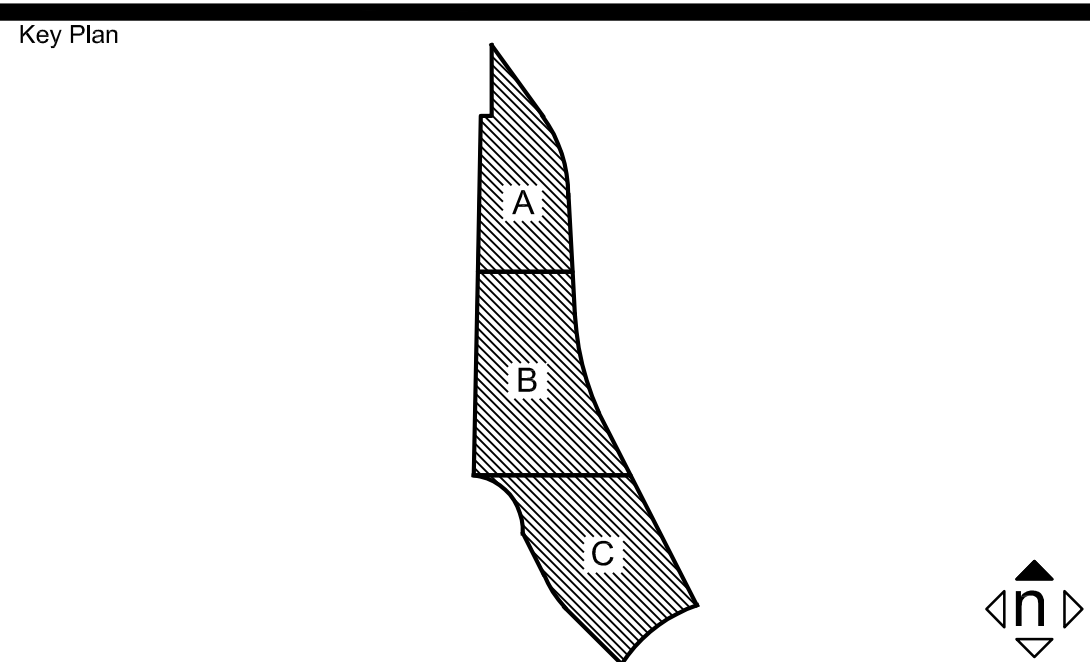
- KEY NOTES:
- 1 1/4" C, (3) #6, (1) #10 GND.
  - 2 3/4" C, (2) #10, (1) #10 GND.
  - 3 PROVIDE (1) 1/4" C. SPARE TO POWER PEDESTAL.
  - 4 1" C, (3) #8, (1) #10 GND.
  - 5 POWER CONNECTION TO EMERGENCY PHONE PEDESTAL.
  - 6 3/4" C, (2) #8, (1) #10 GND.
  - 7 1 1/4" C, (3) #4, (1) #8 GND.
  - 8 1 1/4" C, (2) #4, (1) #8 GND.
  - 9 1 1/4" C, (2) #6, (1) #10 GND.
  - 10 PROVIDE (1) 1/4" C. SPARE.
  - 11 STUB AND CAP BELOW GRADE.
  - 12 PROVIDE (1) 3/4" C. SPARE.

NOTES

- GENERAL NOTES:
1. REFERENCE SHEET E1 SERIES FOR TYPICAL SITE DETAILS.
  2. REFERENCE E8. SERIES SHEET FOR TYPICAL DETAILS.
  3. REFERENCE SITE CONDUIT SCHEMATIC FOR CONDUIT SIZING AND QUANTITIES. THIS SITE PLAN PROVIDES GENERAL DUCTBANK ROUTING, UNDERGROUND PULLBOX LOCATIONS, AND SITE LIGHTING REQUIREMENTS ONLY.



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Agency Approval

FILE NO. 37-C1

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT

APPL. 04-116580

ACR \_\_\_\_\_ FLS \_\_\_\_\_ SSS \_\_\_\_\_  
DATE \_\_\_\_\_

Project Title

Palomar North Education Center

**Palomar College**  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/6/2017

Drawing Title:

**SITE LIGHTING**

Architect's Seal

Designed: JF Project No. 5015019-102

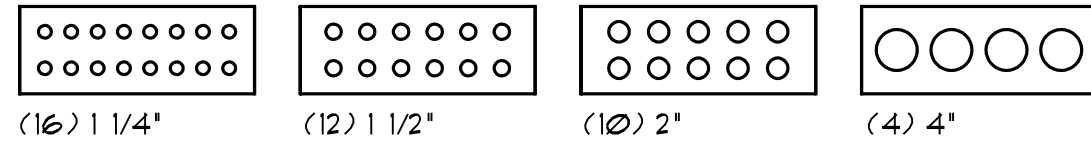
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QA/QC: RG Drawing No. **E1.4**

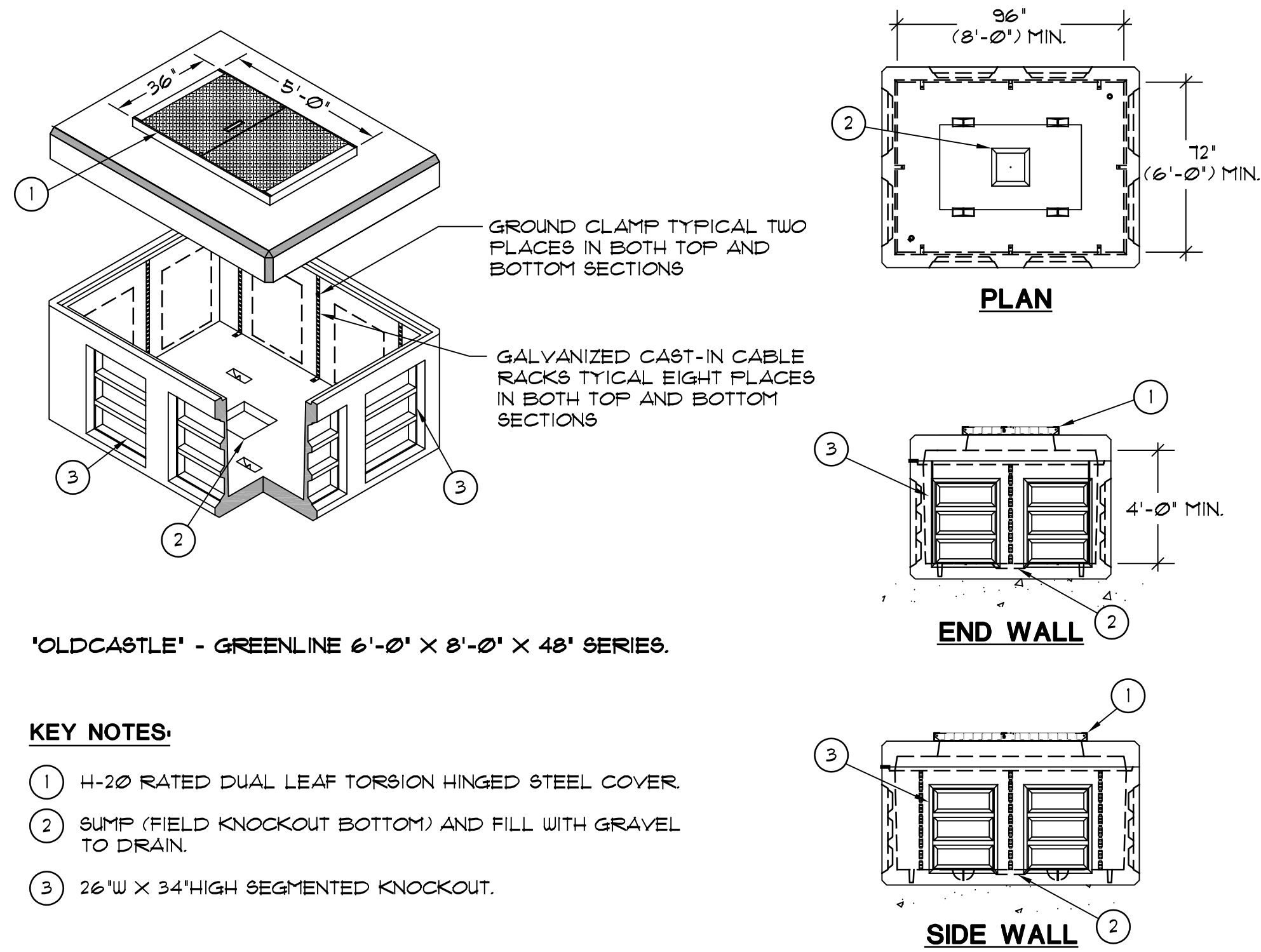
Date: 10/6/2017



(STANDARD CONDUIT TERMINATORS)



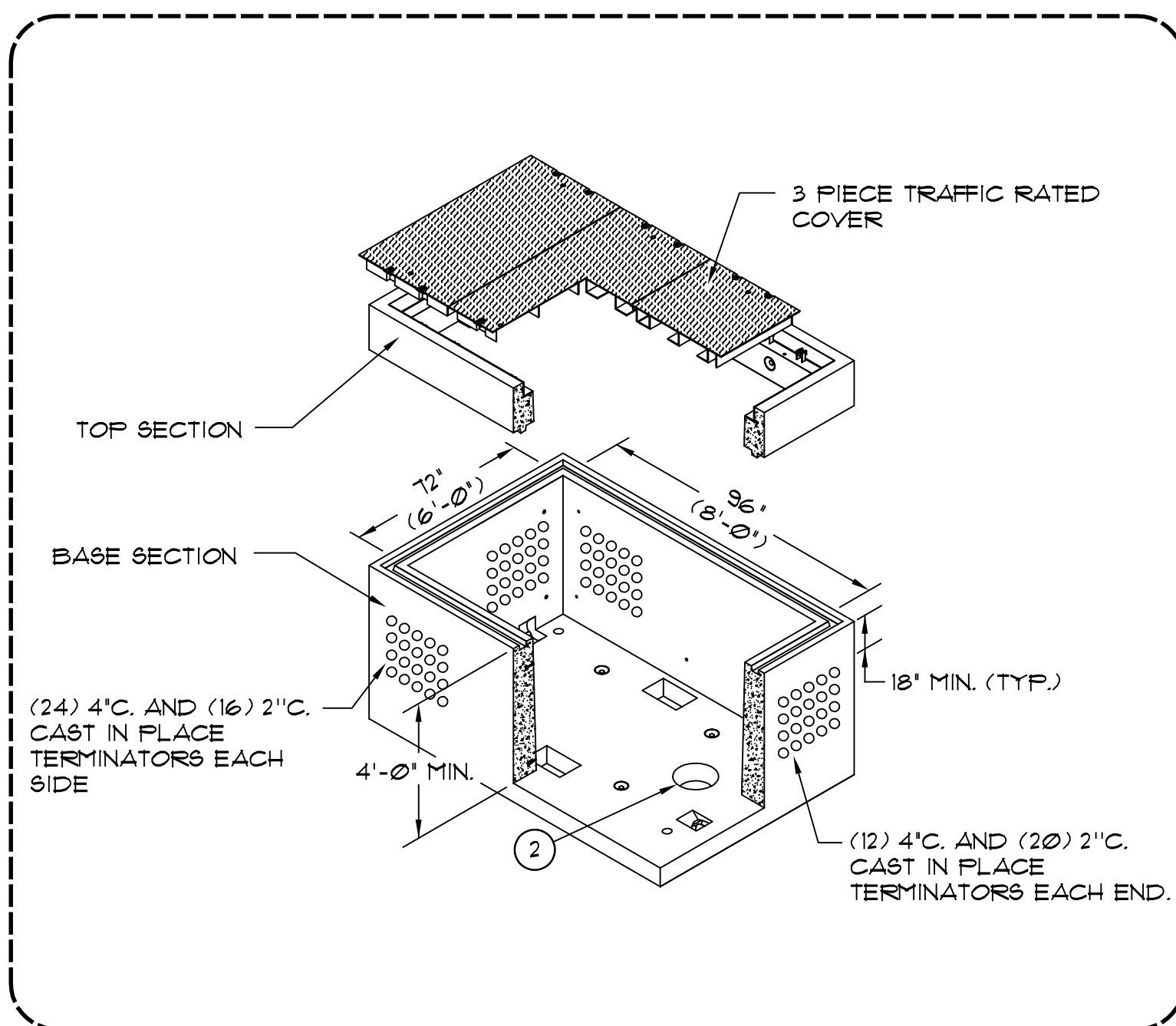
CONTRACTOR SHALL PROVIDE MANUFACTURED CONDUIT TERMINATORS WHERE CONDUITS ENTER HANDHOLE KNOCKOUTS OR SHALL PROVIDE CONDUITS BELL ENDS AND SEAL BACK ALL VOID OPENINGS AROUND KNOCKOUT.



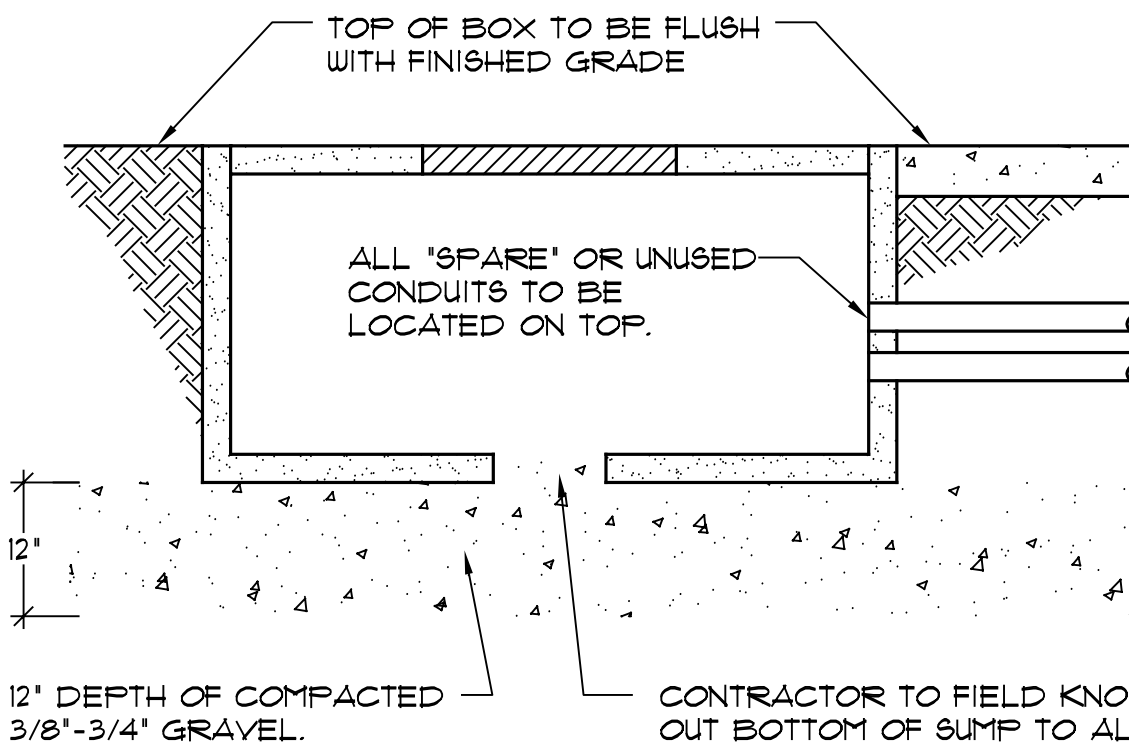
'OLDCASTLE' - GREENLINE 6'-0" X 8'-0" X 48" SERIES.

KEY NOTES:

- 1 H-20 RATED DUAL LEAF TORSION HINGED STEEL COVER.
- 2 SUMP (FIELD KNOCKOUT BOTTOM) AND FILL WITH GRAVEL TO DRAIN.
- 3 26"W X 34"HIGH SEGMENTED KNOCKOUT.



GENERAL INSTALLATION REQUIREMENTS:

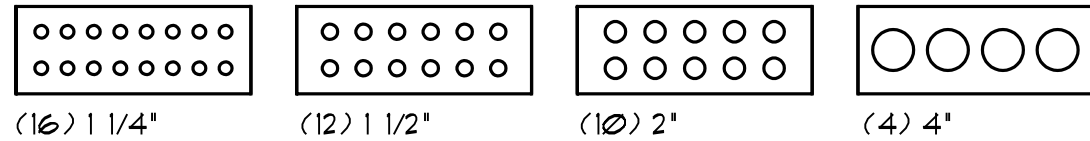


1. HANDHOLES SHALL BE PROVIDED WITH A MINIMUM OF (4) GALVANIZED PULLING PLATES IN BOTTOM OF PULLBOX.
2. PULLBOXES SHALL BE PROVIDED WITH CAST IN PLACE VERTICAL CABLE RACKS. ALL CABLES SHALL BE NEATLY BUNDLED, ORGANIZED AND SUPPORTED BY CABLE RACKS.
3. WHERE ADDITIONAL CONDUIT ENTRIES ARE REQUIRED BEYOND QUANTITY OF TERMINATORS SHOWN, CONTRACTOR SHALL FIELD CORE DRILL AS REQUIRED. WHERE 4" TERMINATORS ARE PROVIDED, CONTRACTOR SHALL PROVIDE CONDUIT REDUCERS TO MATCH SITE CONDUIT SIZE REQUIREMENTS.
4. FOR ALTERNATE STYLE PULLBOXES, CONTRACTOR SHALL FIELD CORE DRILL ALL CONDUIT ENTRIES 2" DIA AND SMALLER.

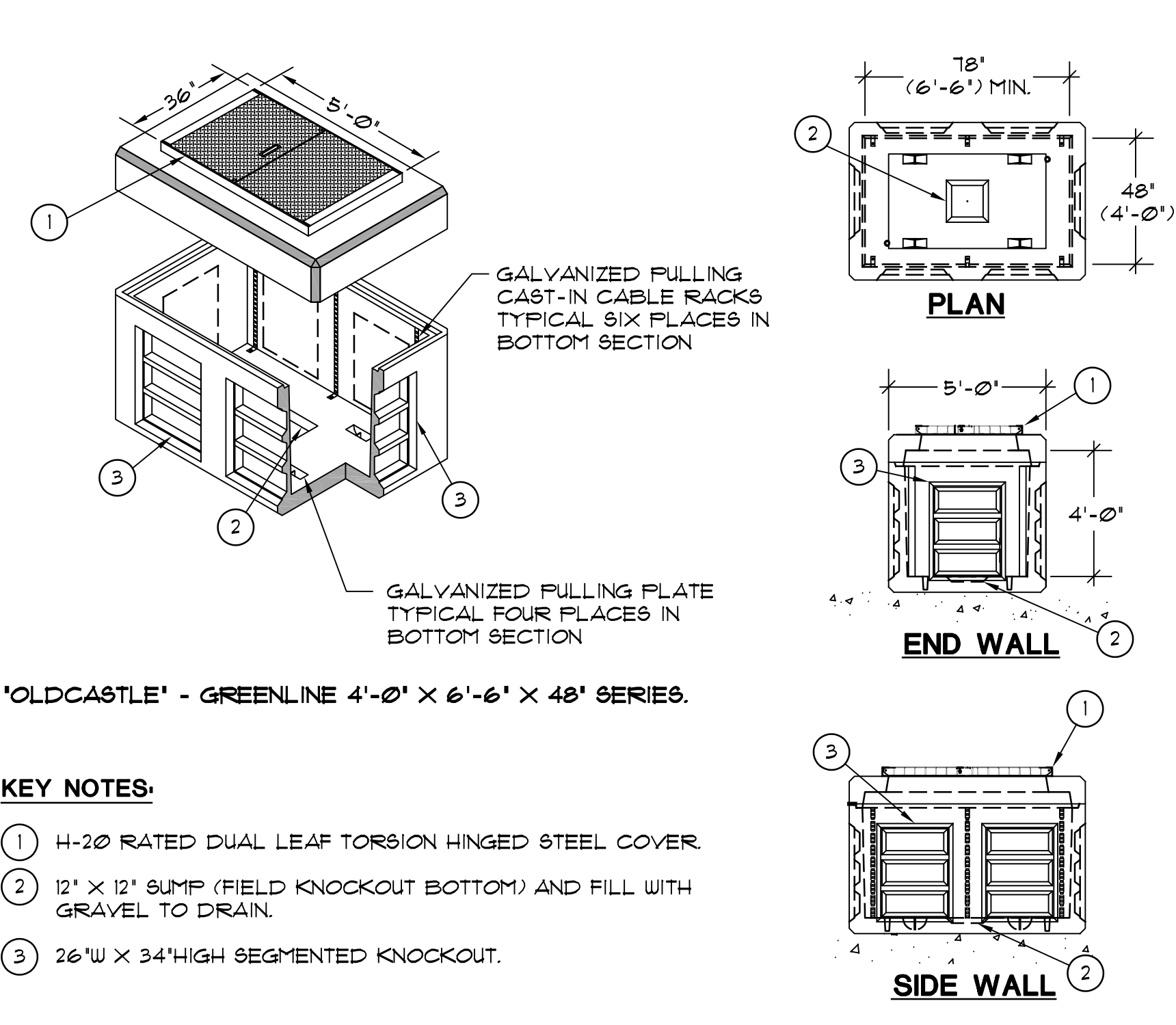
UNDERGROUND PULLBOX STYLE 'D' TYP. INSTALLATION

NO SCALE

(STANDARD CONDUIT TERMINATORS)



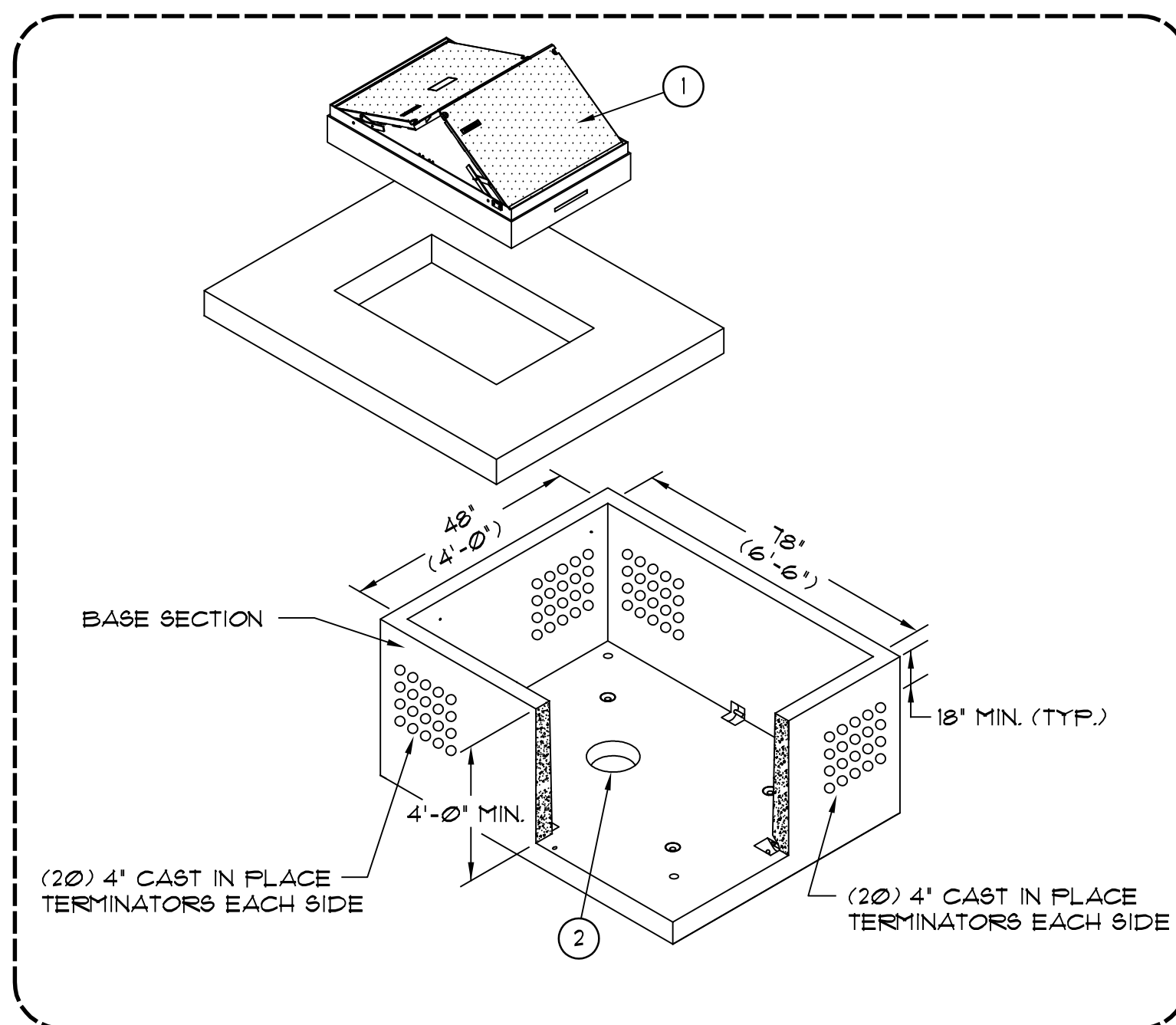
CONTRACTOR SHALL PROVIDE MANUFACTURED CONDUIT TERMINATORS WHERE CONDUITS ENTER HANDHOLE KNOCKOUTS OR SHALL PROVIDE CONDUITS BELL ENDS AND SEAL BACK ALL VOID OPENINGS AROUND KNOCKOUT.



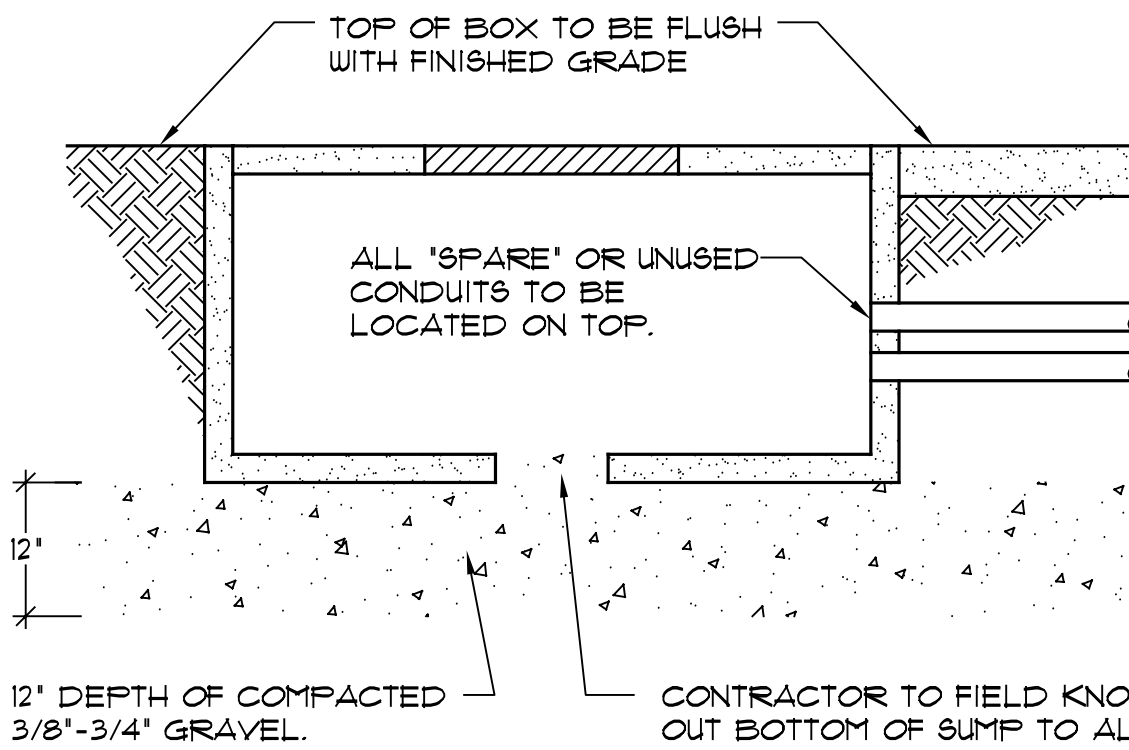
'OLDCASTLE' - GREENLINE 4'-0" X 6'-6" X 48" SERIES.

KEY NOTES:

- 1 H-20 RATED DUAL LEAF TORSION HINGED STEEL COVER.
- 2 12" X 12" SUMP (FIELD KNOCKOUT BOTTOM) AND FILL WITH GRAVEL TO DRAIN.
- 3 26"W X 34"HIGH SEGMENTED KNOCKOUT.



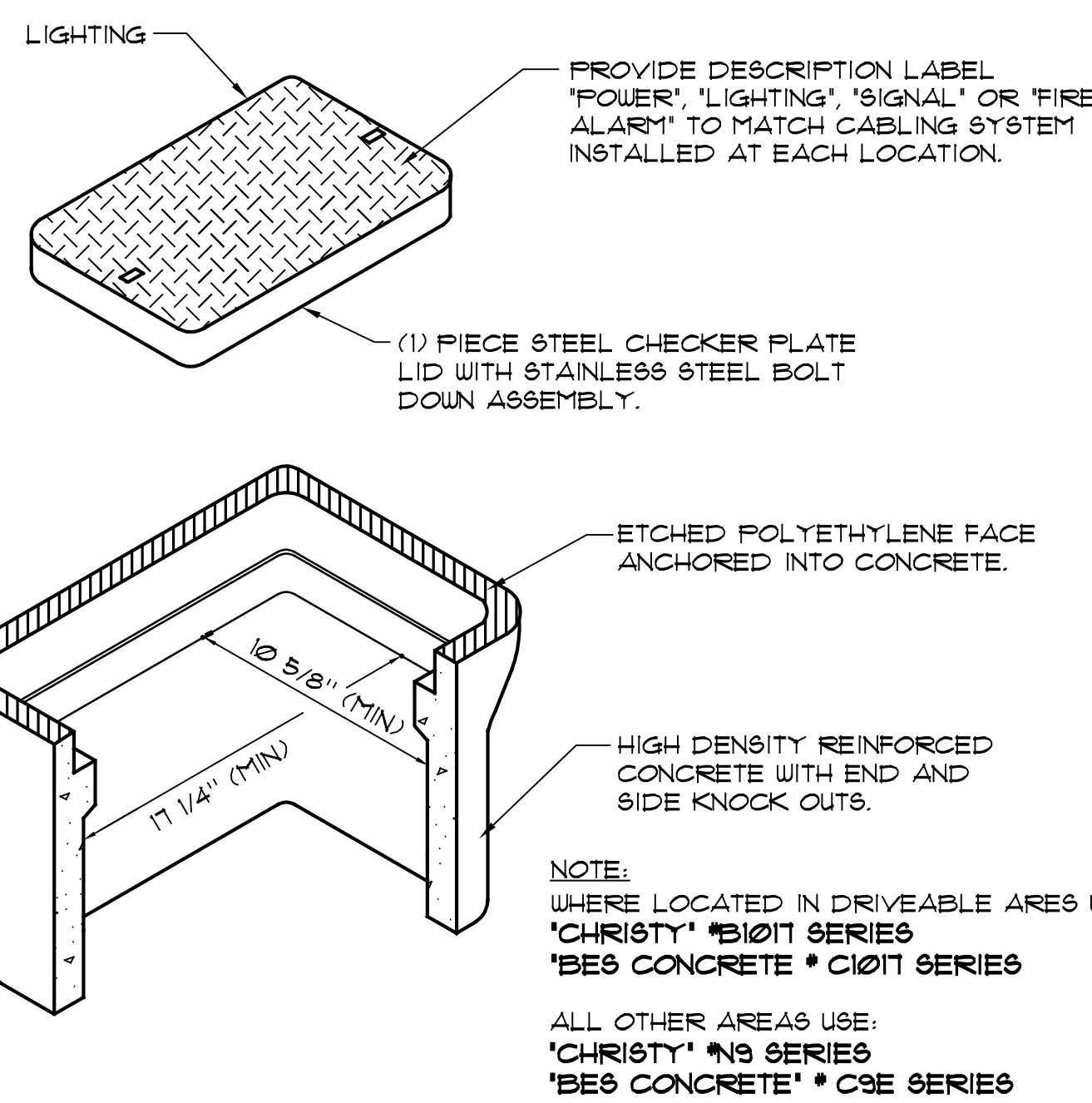
GENERAL INSTALLATION REQUIREMENTS:



1. HANDHOLES SHALL BE PROVIDED WITH A MINIMUM OF (4) GALVANIZED PULLING PLATES IN BOTTOM OF PULLBOX.
2. PULLBOXES SHALL BE PROVIDED WITH CAST IN PLACE VERTICAL CABLE RACKS. ALL CABLES SHALL BE NEATLY BUNDLED, ORGANIZED AND SUPPORTED BY CABLE RACKS.
3. WHERE ADDITIONAL CONDUIT ENTRIES ARE REQUIRED BEYOND QUANTITY OF TERMINATORS SHOWN, CONTRACTOR SHALL FIELD CORE DRILL AS REQUIRED. WHERE 4" TERMINATORS ARE PROVIDED, CONTRACTOR SHALL PROVIDE CONDUIT REDUCERS TO MATCH SITE CONDUIT SIZE REQUIREMENTS.
4. FOR ALTERNATE STYLE PULLBOXES, CONTRACTOR SHALL FIELD CORE DRILL ALL CONDUIT ENTRIES 2" DIA AND SMALLER.

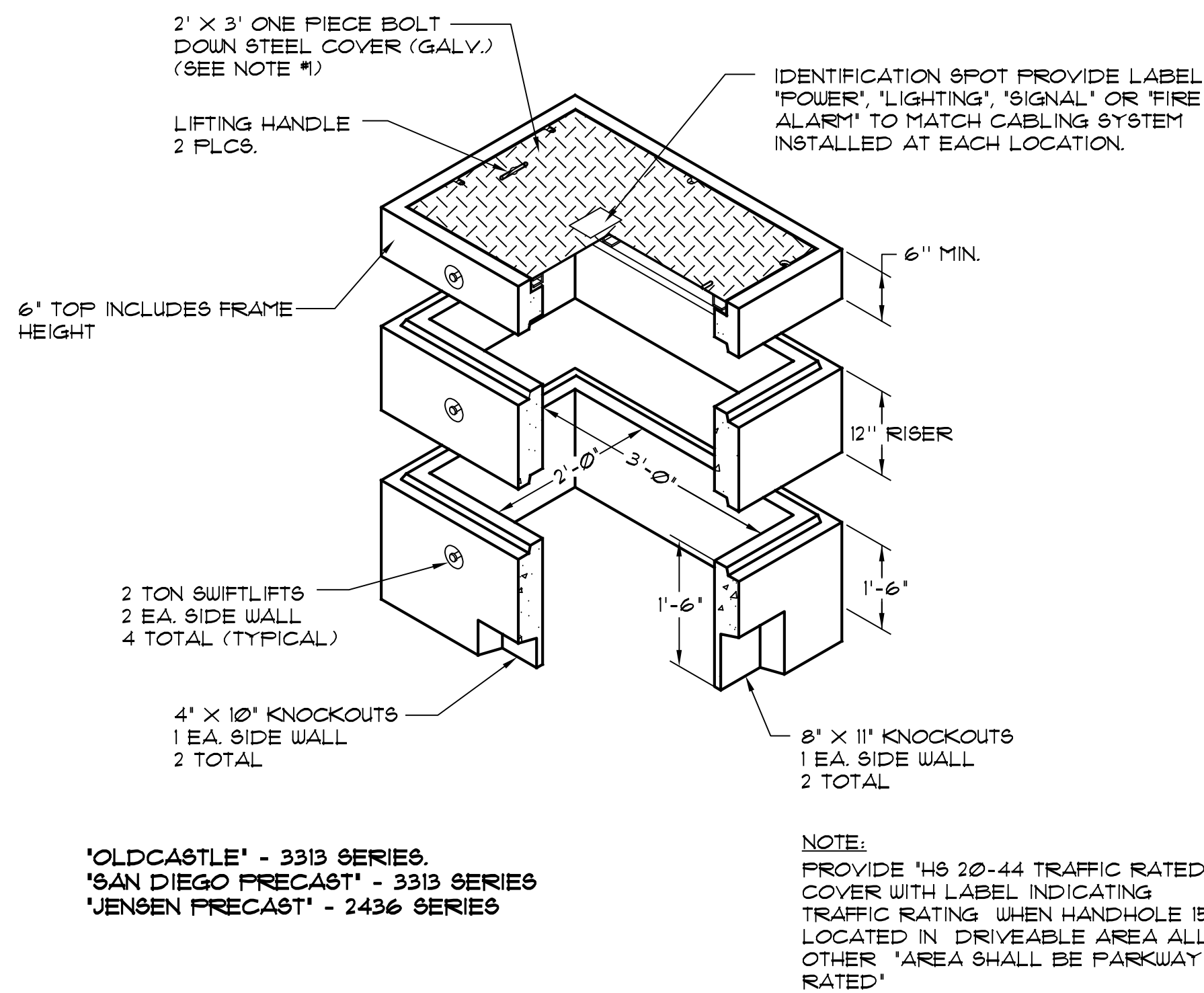
UNDERGROUND PULLBOX STYLE 'C' TYP. INSTALLATION

NO SCALE



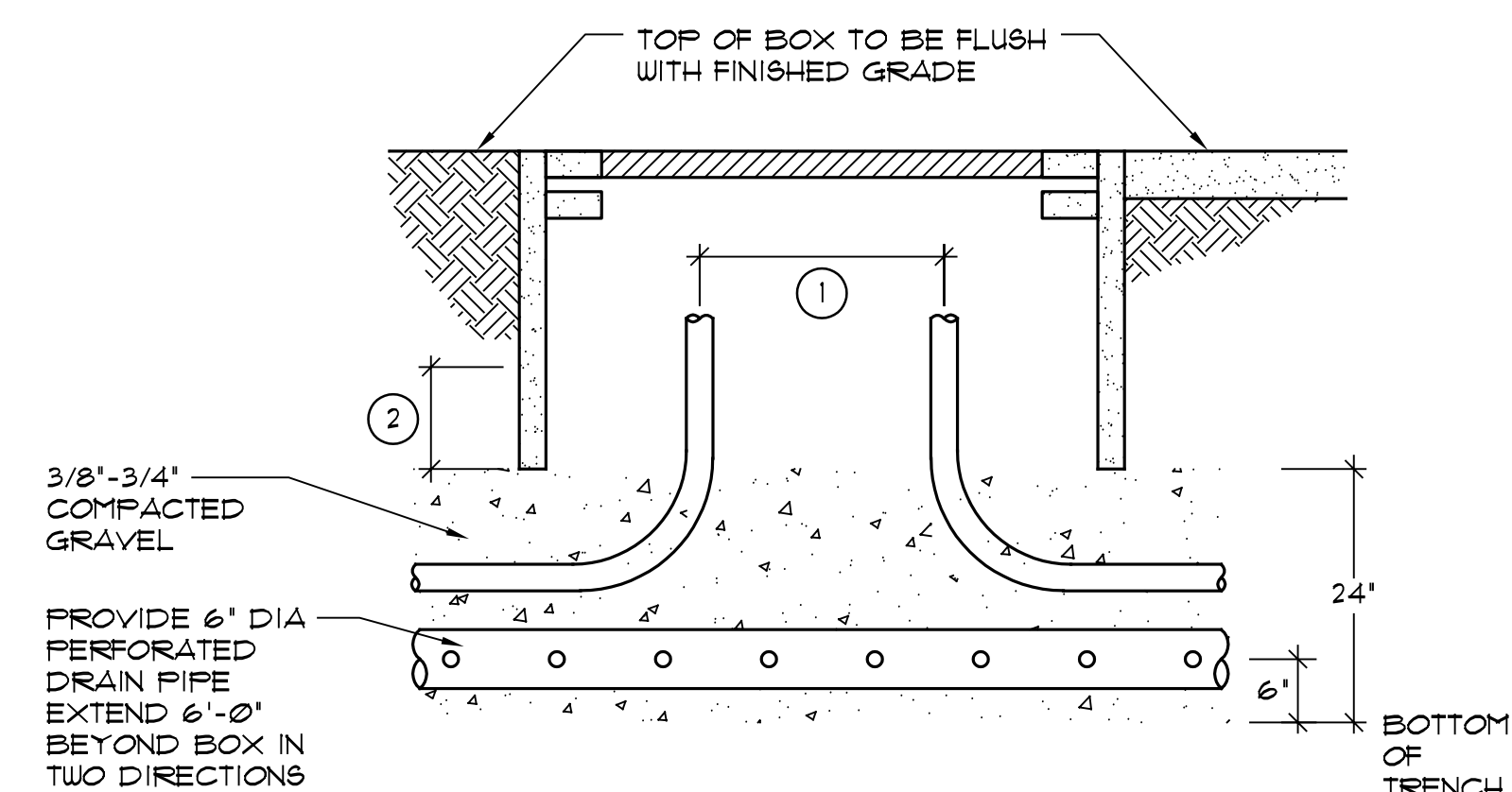
UNDERGROUND PULLBOX STYLE 'A'

NO SCALE



UNDERGROUND PULLBOX STYLE 'B'

NO SCALE



KEY NOTES:

- 1 WHERE CONDUITS SERVE INCOMING AND OUTGOING CIRCUITS, KEEP RISERS SEPARATED INSIDE PULLBOX TO ALLOW FOR SLACK CONDUCTORS.
- 2 TOPS OF CONDUITS MUST NOT EXTEND INTO PULLBOX MORE THAN 1/3 OF THE TOTAL AVAILABLE INSIDE BOX HEIGHT, IN ORDER TO ALLOW ADEQUATE SPACE FOR CABLE SLACK.

UNDERGROUND PULLBOX STYLE 'A' OR 'B' TYP. INSTALLATION

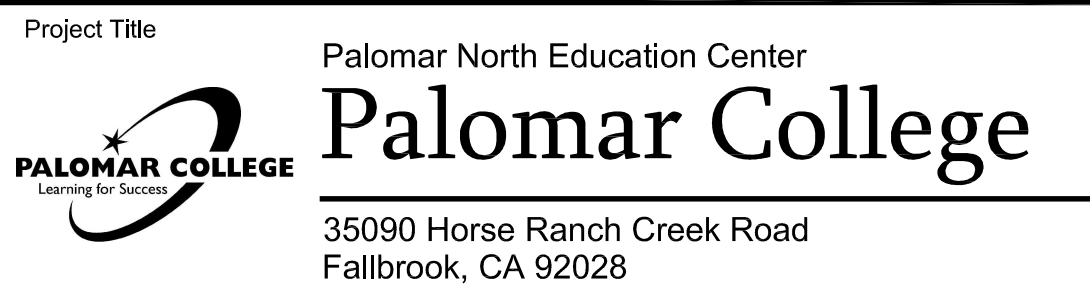
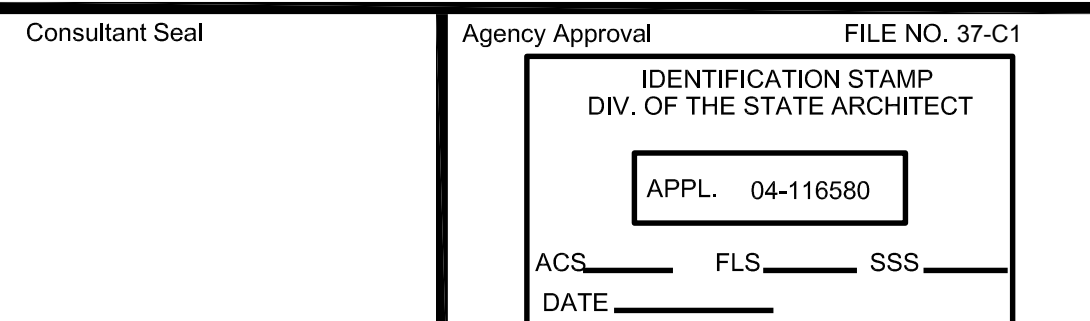
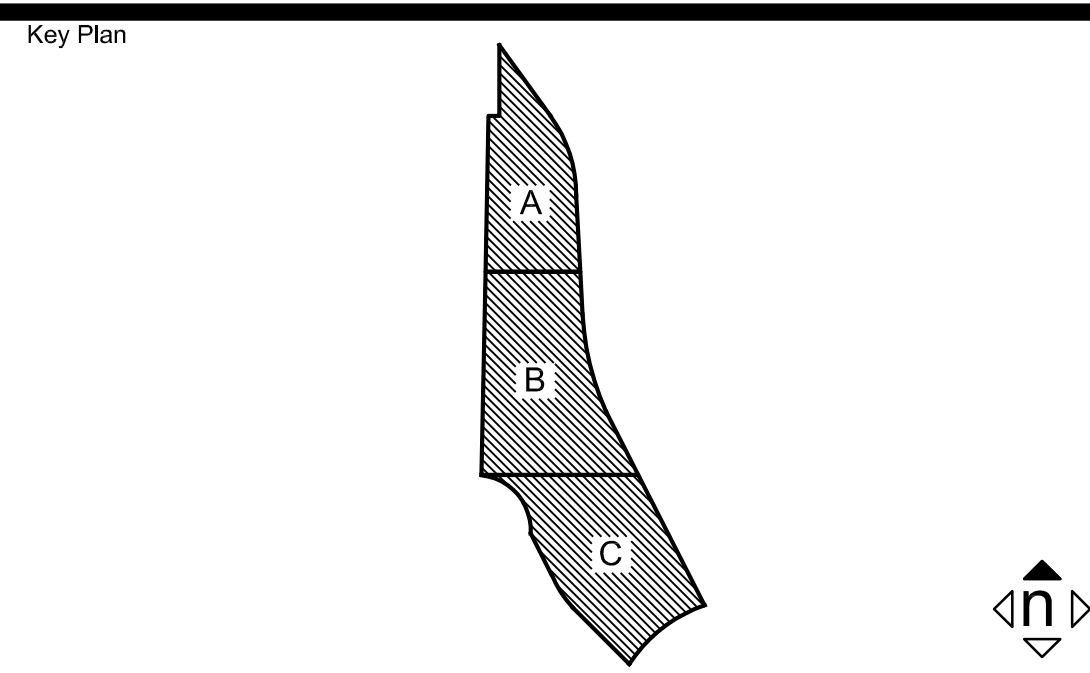
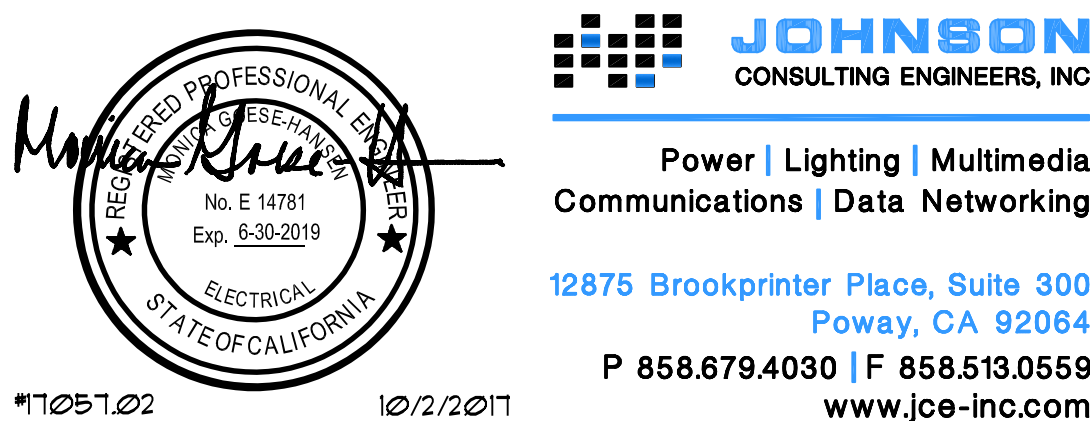
NO SCALE

HMC Architects

3546 Concourse Street / Ontario, CA 91764  
T 909 989 9979 / www.hmcarchitects.com

KEYNOTES

NOTES

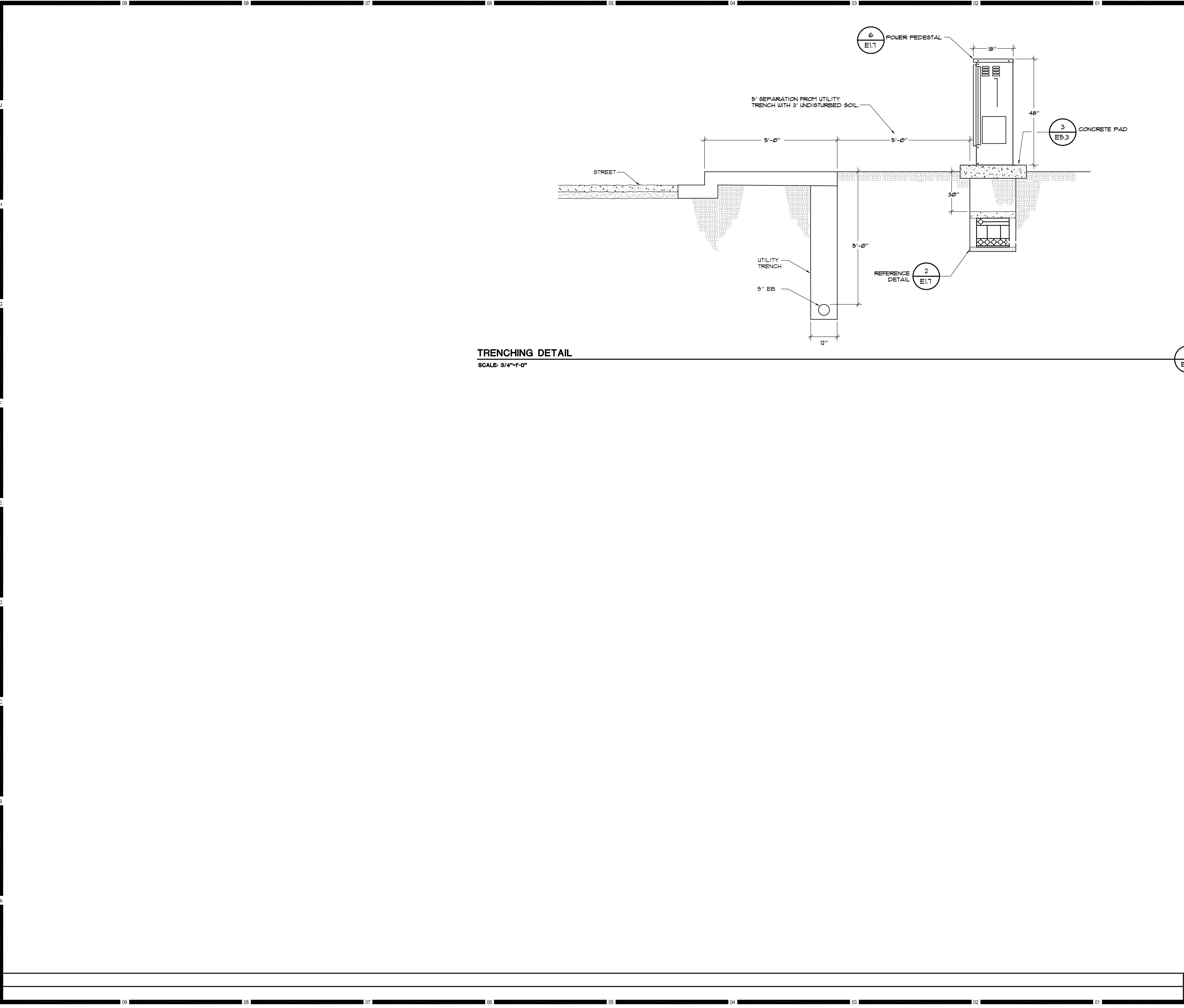


No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/6/2017

Drawing Title: SITE ELECTRICAL DETAILS


Architect's Seal	Designed: JF	Project No. 5015019-102
Drawn: AO	Scale:	
QA/QC: RG	Drawing No. E1.5	
Date: 10/6/2017		





KEYNOTES

NOTES

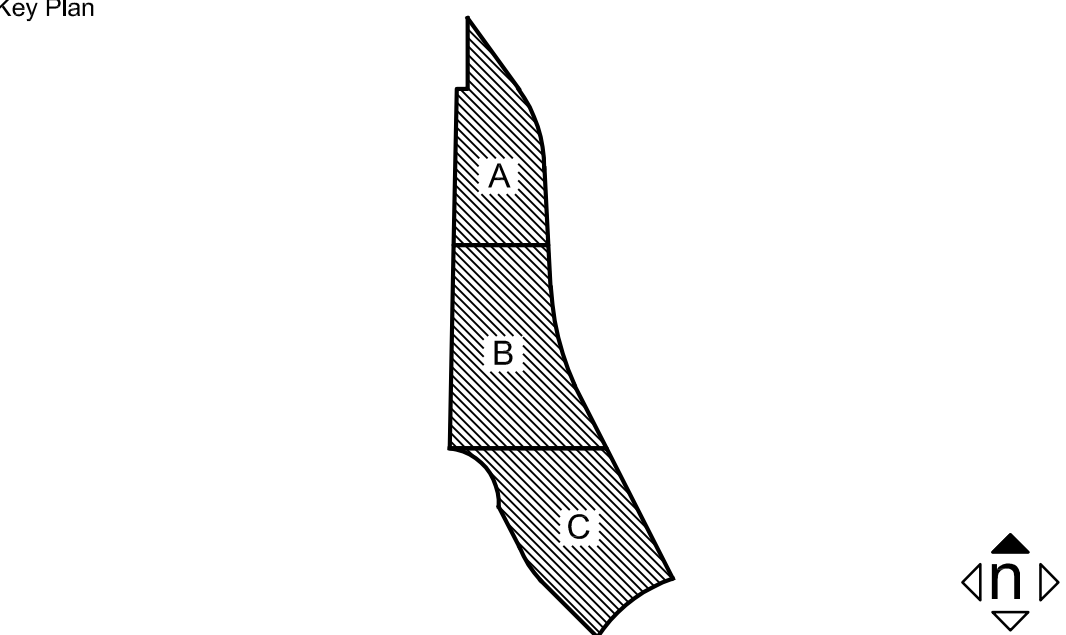


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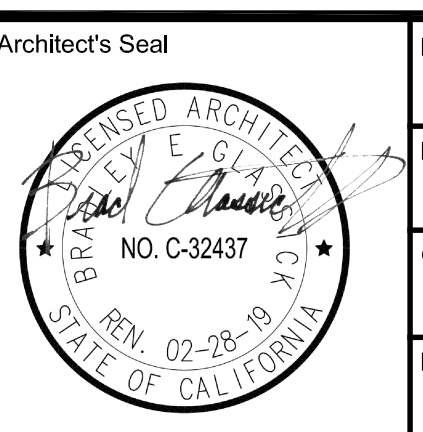


Consultant Seal	Agency Approval FILE NO. 37-C1 IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APPL. 04-116580 ACR. FLS. SSS. DATE
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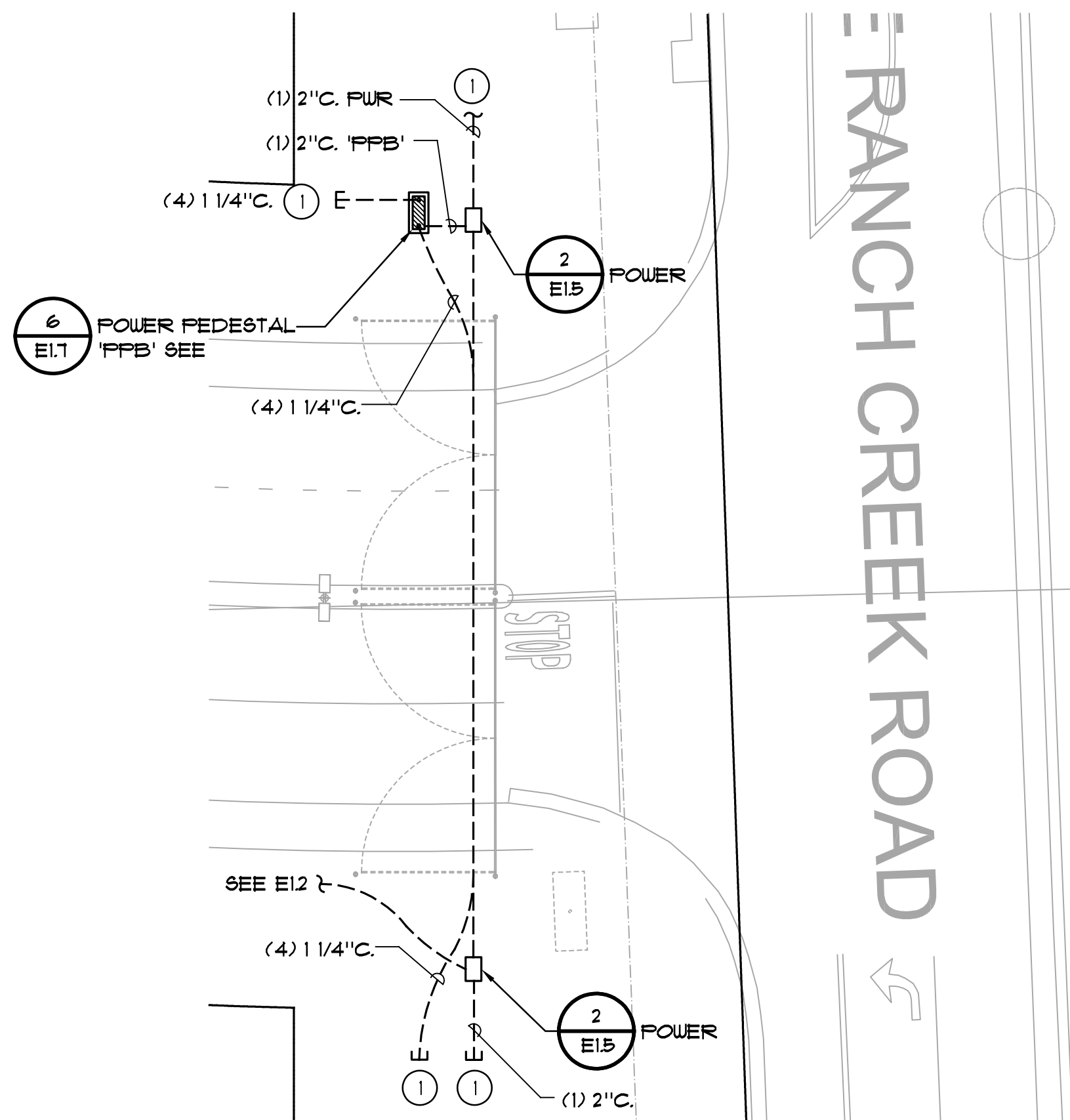
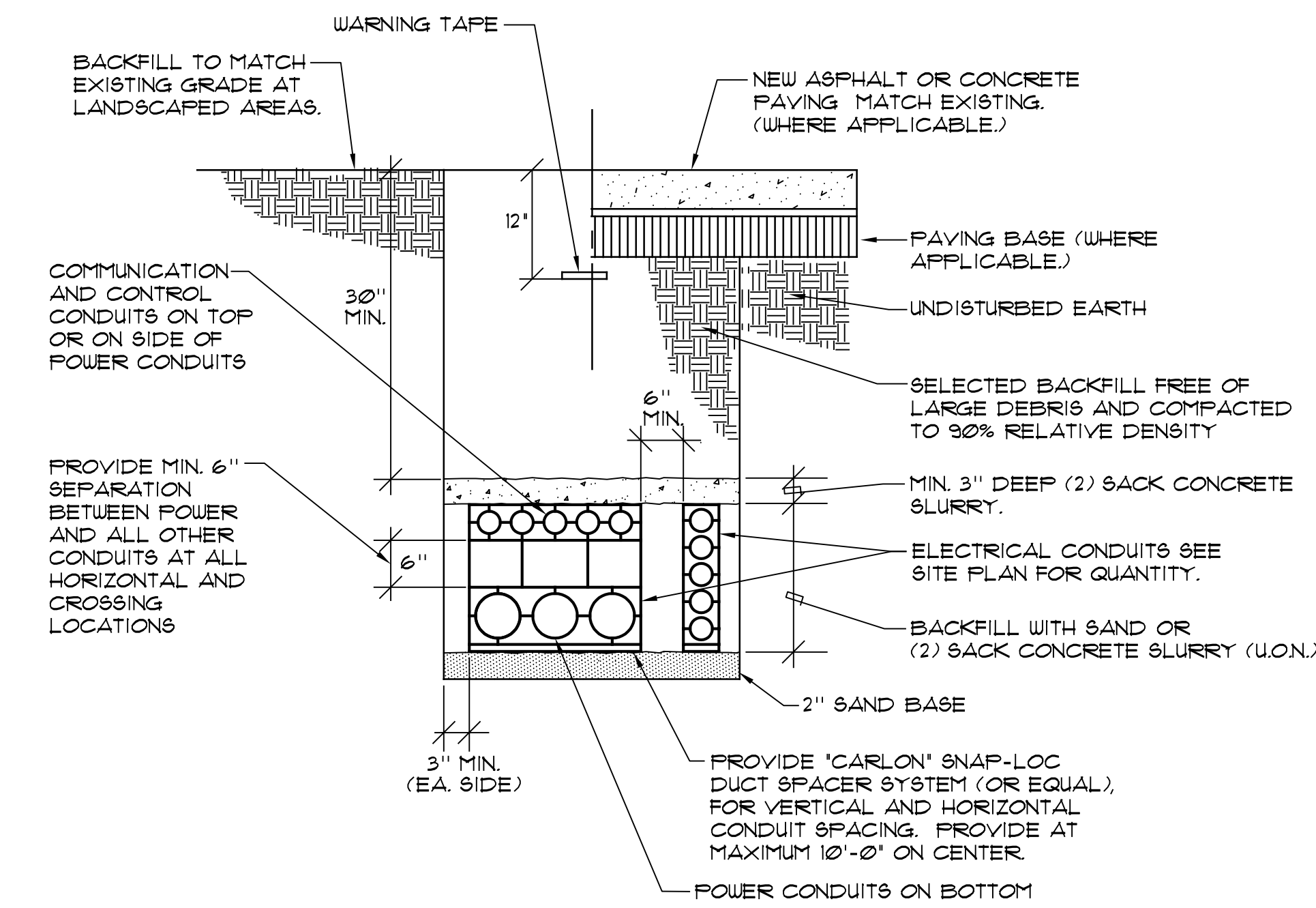
Project Title  
**Palomar College**  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/6/2017

Drawing Title:  
**SITE ELECTRICAL DETAILS**

Architect's Seal 	Designed: JF	Project No. 5015019-102
	Drawn: AO	Scale:
	QA/QC: RG	Drawing No. <b>E1.6</b>
	Date: 10/6/2017	











STATE OF CALIFORNIA  
ELECTRICAL POWER DISTRIBUTION  
CERTIFICATE OF COMPLIANCE (NRCC-ELC-01-E)  
ELECTRICAL POWER DISTRIBUTION  
PALOMAR COLLEGE - NORTH EDUCATION CENTER INTERIM VILLAGE  
9/6/2017  
Page 1 of 4

GENERAL INFORMATION  
Project Address: 35090 HORSE RANCH CREEK ROAD, FALLBROOK, CA 92028  
Climate Zone: 10  
Conditioned Floor Area: 10  
Unconditioned Floor Area: 10  
Building Type: ☒ Nonresidential ☐ High-Rise Residential ☐ Hotel/Motel  
☒ Schools ☐ Religious Public Schools ☐ Conditioned Spaces ☐ Unconditioned Spaces  
Phase of Construction: ☒ New Construction ☐ Addition ☐ Alteration

Document Number	Document Title/Description (Include description information for Table or Schedule # if it contains compliance information)	Document Sheet # of Page #	Indicate which subsection of Section 130.5 is related to the document (e.g., 130.5(a) for service electrical metering)

A. Service Electrical Metering  
Check one of the three boxes below if the electrical power distribution system is in compliance with Section 130.5(a).  
☐ For newly installed electrical service in newly constructed buildings, Service Electrical Metering is required according to Section 130.5(a). Fill out Column 2 through 6 of table below.  
☐ For new or replacement electrical service equipment in existing buildings, Service Electrical Metering is required according to Section 141.0(b)(2)(B). Fill out Column 2 through 6 of table below.  
☒ EXCEPTION: No Service Electrical Metering is required for a metering system that indicates instantaneous kW demand and kWh for a utility-defined period. Fill out Column 2, 3, and 6 of table below with the compliance information.  
Fill out a separate line for each electrical service that is connected to the building.

Electrical Service Schedule	Electrical Service Rating	Metering Capabilities (check all that are present)	Exception to 130.5 (a)	Field Inspector			
01	02	03	04	05	06	07	08
Electrical Service Designation/ Location/Description	kVA	Instantaneous (at the time) kW	Historical peak (kW)	Tracking kWh for a user-defined period	kWh per rate period	Utility metering system	Check that the metering complies
MSB	3,826	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

STATE OF CALIFORNIA  
ELECTRICAL POWER DISTRIBUTION  
CERTIFICATE OF COMPLIANCE (NRCC-ELC-01-E)  
ELECTRICAL POWER DISTRIBUTION  
PALOMAR COLLEGE - NORTH EDUCATION CENTER INTERIM VILLAGE  
9/6/2017  
Page 2 of 4

B. Separation of Electrical Circuits for Electrical Energy Monitoring  
Check all boxes below if the electrical power distribution system is in compliance with Section 130.5(b).  
The electrical power distribution system meets the separation of electrical circuits for electrical energy monitoring requirement of Section 130.5(b). The electrical power distribution system is designed so that measurement devices can monitor the electrical energy usage of load types according to Table 2.130.5(b).  
☐ The electrical power distribution system is installed and the compliance method chosen in meeting the requirement of Section 130.5(b). Use the space below to include the information. Examples of compliance methods are detailed in Nonresidential Compliance Manual Chapter 8.  
Fill out Column 2, 3, and 4 with the compliance information.

General Information	Electrical Power Distribution System Information and Method of Compliance	Electrical Service Rating	Enforcement Agency
01	02	03	04
Electrical Service Designation/Location/Description	Describe the electrical power distribution system installed and the compliance method used	kVA	Check that the system complies

Field Inspector Notes:

STATE OF CALIFORNIA  
ELECTRICAL POWER DISTRIBUTION  
CERTIFICATE OF COMPLIANCE (NRCC-ELC-01-E)  
ELECTRICAL POWER DISTRIBUTION  
PALOMAR COLLEGE - NORTH EDUCATION CENTER INTERIM VILLAGE  
9/6/2017  
Page 3 of 4

C. Voltage Drop  
Check all boxes below if the electrical power distribution system is in compliance with Section 130.5(c).  
☐ The electrical power distribution system meets the voltage drop requirement of Section 130.5(c). The maximum calculated voltage drop in feeder conductors and branch circuit conductors to the farthest connected load or outlet, does not exceed 5%.  
☐ Voltage drop calculations documents showing compliance to Section 130.5(c) are submitted as part of the compliance document submittal.

D. Circuit Controls for 120-Volt Receptacles and Controlled Receptacles  
Check one or more boxes below for applicable requirements of Section 130.5(d) for the electrical power distribution system.  
☐ The control is capable of automatically shutting OFF the controlled receptacles when the space is typically unoccupied, either at the receptacle or circuit level. For the automatic time switch control, it incorporates an override control that times the controlled receptacle to remain ON for no more than 3 hours when an override is initiated and an automatic holiday "shut OFF" feature that turns OFF all loads for at least 24 hours and then resumes the normally scheduled operation. Countdown timer switches are not to be used to comply with the automatic time switch control requirements. The controls meet the requirement of Section 130.5(d).  
☐ There is at least one controlled receptacle within 6 ft from each uncontrolled receptacle. Where receptacles are installed in modular furniture in open office areas, at least one controlled receptacle is installed at each workstation. The receptacles meet the requirement of Section 130.5(d).  
☐ There are installed split-wired receptacles with at least one controlled and one uncontrolled receptacle. Where receptacles are installed in modular furniture in open office areas, at least one controlled receptacle is installed at each workstation. The receptacles meet the requirement of Section 130.5(d).  
☐ Permanent and durable marking for controlled receptacles or circuits to differentiate them from uncontrolled receptacles or circuits is provided. The markings meet the requirement of Section 130.5(d).  
☐ For hotel and motel guest rooms, there are controlled receptacles for at least one half of the 120-volt receptacles in each guest room. Electric circuits serving controlled receptacles in guestrooms are installed to have control key controls, occupancy sensing controls, or automatic controls so the power is switched off no longer than 30 minutes after the guest room has been vacated. The receptacles meet the requirement of Section 130.5(d).  
☐ Receptacles that are only for the following purposes are excepted from Section 130.5(d):  
- Receptacles specifically for refrigeration and water dispensers in kitchen areas.  
- Receptacles located a minimum of six feet above the floor that are specifically for clocks.  
- Receptacles for network copiers, fax machines, A/V and data equipment other than personal computers in copy rooms.  
- Receptacles on circuits rated more than 20 amperes.  
- Receptacles connected to an uninterruptible power supply (UPS) that are intended to be in continuous use, 24 hours per day/365 days per year, and are marked to differentiate them from other uncontrolled receptacles or circuits.

STATE OF CALIFORNIA  
ELECTRICAL POWER DISTRIBUTION  
CERTIFICATE OF COMPLIANCE (NRCC-ELC-01-E)  
ELECTRICAL POWER DISTRIBUTION  
PALOMAR COLLEGE - NORTH EDUCATION CENTER INTERIM VILLAGE  
9/6/2017  
Page 4 of 4

DOCUMENTATION AUTHORS DECLARATION STATEMENT  
I, the undersigned, declare that the information provided in this Certificate of Compliance is accurate and complete.  
Signature: Monica Hansen  
Date: 9/6/2017  
Address: 12875 Brookprinter Place, Suite 300  
City: Poway, CA 92064  
Phone: 619-679-4030  
Responsible Person's Declaration Statement  
I certify that the information provided in this Certificate of Compliance is true and correct.  
1. The information provided on this Certificate of Compliance is true and correct.  
2. I am a duly licensed professional engineer or architect under the laws of the State of California.  
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.  
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.  
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Signature: Monica Hansen  
Date: 9/6/2017  
Address: 12875 Brookprinter Place, Suite 300  
City: Poway, CA 92064  
Phone: 619-679-4030

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance January 2016

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance January 2016

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance January 2016

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance January 2016

## KEYNOTES

## NOTES

REGISTERED PROFESSIONAL  
No. E 14781  
Exp. 8-30-2019  
ELECTRICIAN  
STATE OF CALIFORNIA

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\*1287102 10/3/2017

Key Plan

Consultant Seal

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DIV. OF THE STATE ARCHITECT  
APPL. 04-116580  
ACS \_\_\_\_\_ FLS \_\_\_\_\_ SSS \_\_\_\_\_  
DATE \_\_\_\_\_

FILE NO. 37-C1

PALOMAR COLLEGE  
Learning for Success

Palomar College  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/6/2017

Drawing Title:  
**TITLE 24  
ELECTRICAL DISTRIBUTION**

Architect's Seal  
No. C-32437  
STATE OF CALIFORNIA

Designed: JF  
Drawn: AO  
QA/QC: RG  
Date: 10/6/2017

Project No. 5015019-102  
Scale:  
Drawing No.  
**E2.0.1**

PLEASE RECYCLE

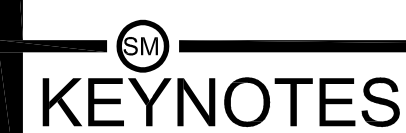
DSA SUBMITTAL



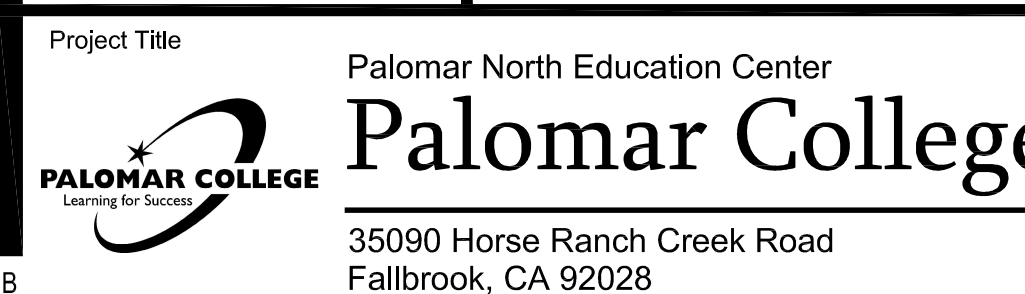
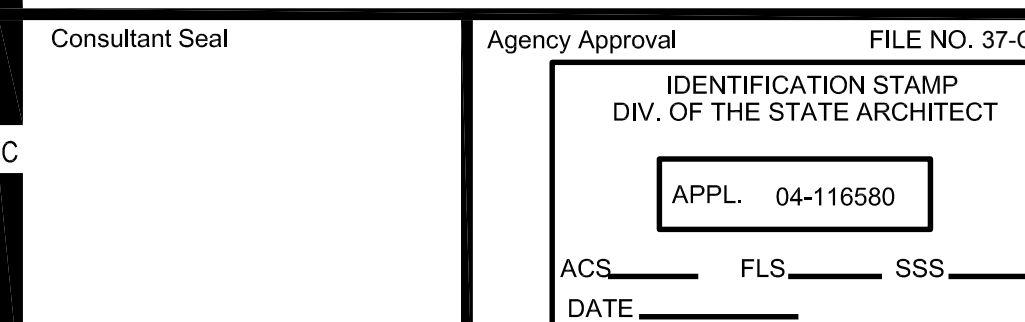
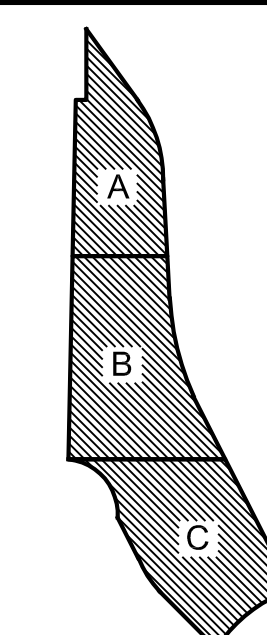
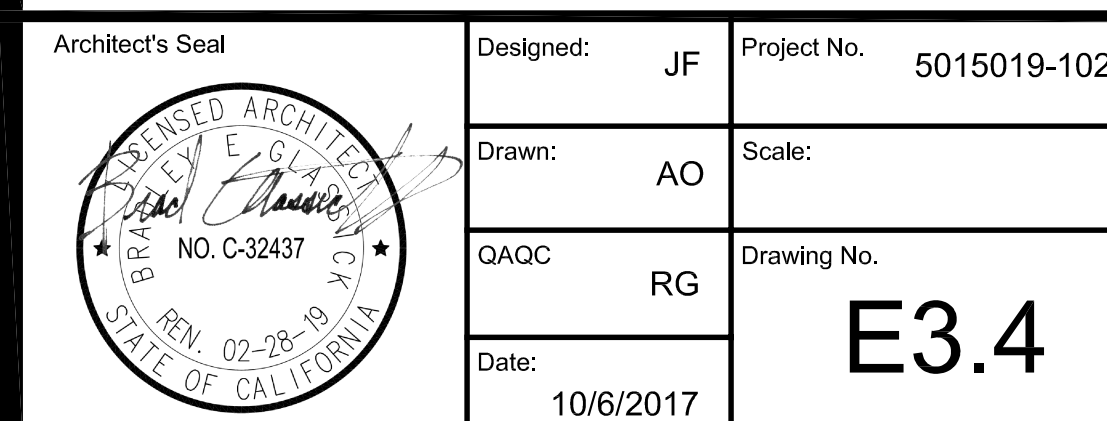


### KEY NOTES:

1. IN ORDER FOR EQUAL TO BE APPROVED, LIGHT FIXTURE MUST BE SIMILAR PHYSICALLY, HAVE A SIMILAR WATTAGE AND LIGHTING FIXTURE REPRESENTATIVE MUST PROVIDE A LIGHTING CALCULATION SHOWING THAT THE EQUAL PRODUCES A SIMILAR NUMBER OF FOOTCANDLES AS THE SPECIFIED FIXTURE. PROVIDE SUBSTITUTION REQUEST AS PER SPECIFICATIONS.
2. PROVIDE CUSTOM FIELD AIMING OF LED'S TO KEEP LIGHTING OFF PROPERTY LINE TO 2.2 FOOTCANDLES AS REQUIRED.



## NOTES

[illegible]







KEYNOTES

NOTES

**JOHNSON**  
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Key Plan

Consultant Seal

Agency Approval

FILE NO. 37-C1

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT

APPL. 04-116580

DATE

Project Title

Palomar North Education Center

**Palomar College**  
Learning to Succeed

35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/6/2017

Drawing Title: ONE LINE DETAILS

Architect's Seal

Designed: JF Project No. 5015019-102

Drawn: AO Scale:

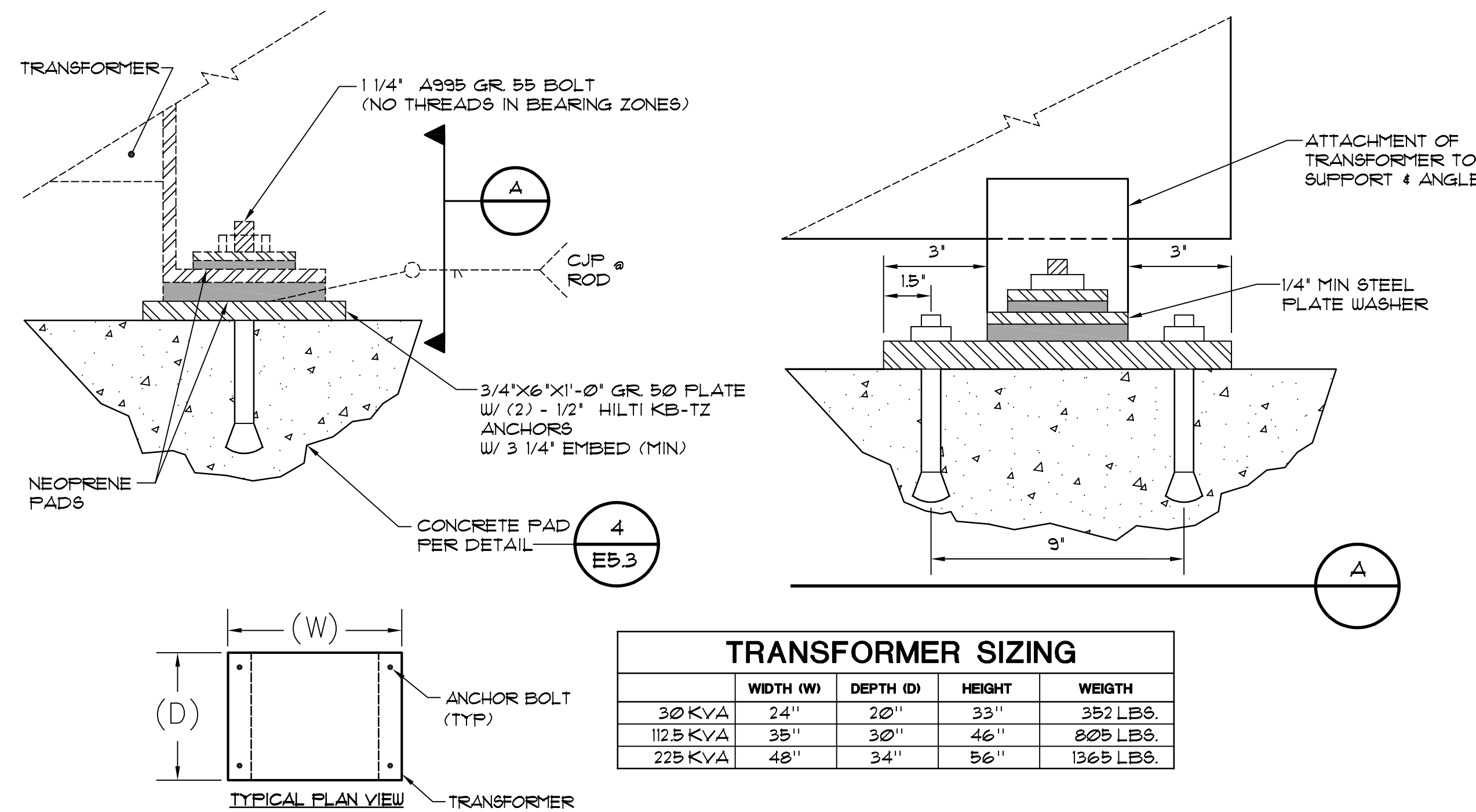
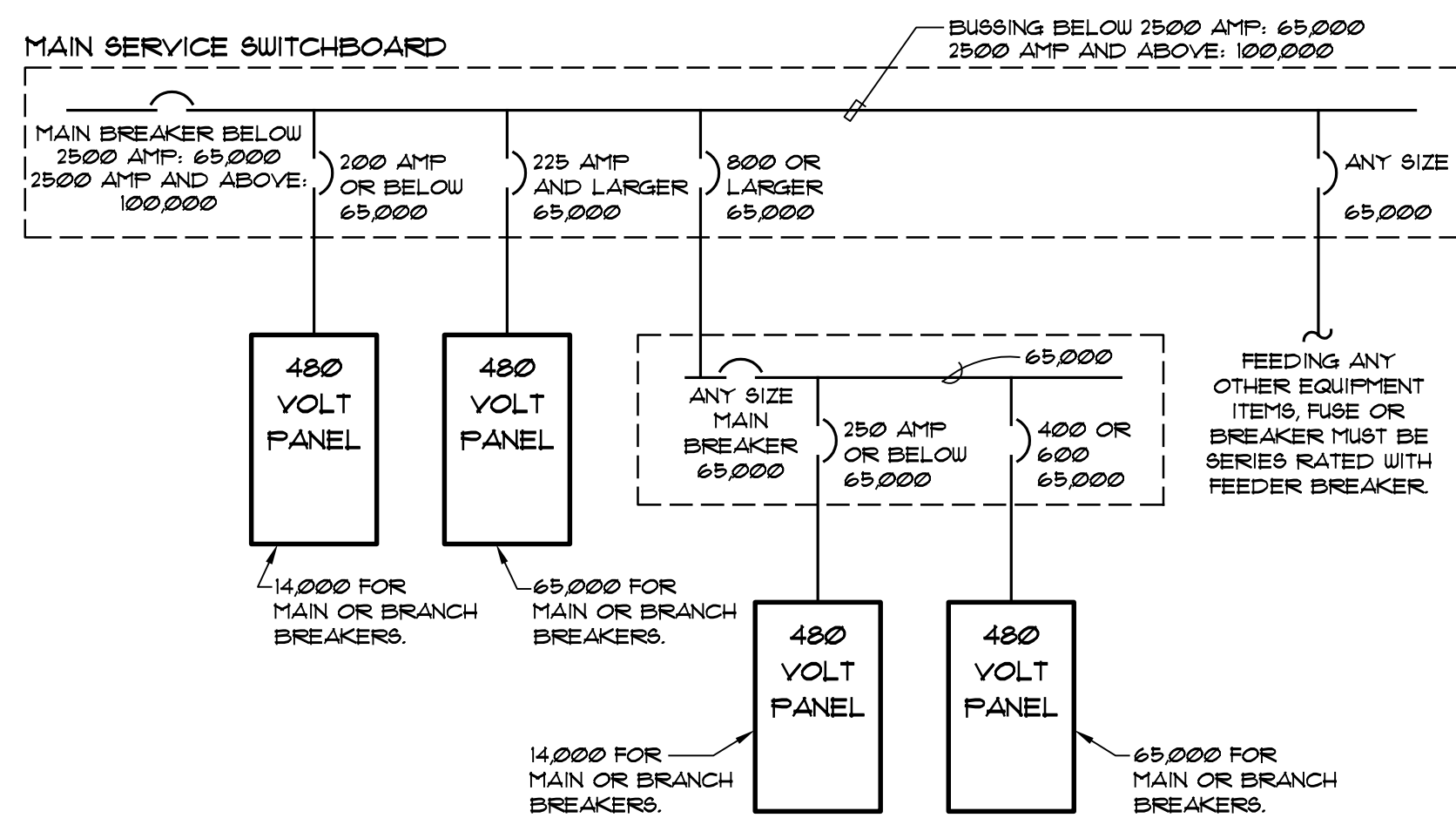
QA/QC: RG Drawing No.

Date: 10/6/2017

**E5.2**

GENERAL NOTE

1. ALL RATINGS SHOWN ARE FOR A UL LISTED SERIES COMBINATION OF THE BREAKERS INDICATED.



TRANSFORMER SIZING				
	WIDTH (W)	DEPTH (D)	HEIGHT	WEIGHT
30 KVA	24"	20"	33"	352 LBS.
112.5 KVA	35"	30"	46"	805 LBS.
225 KVA	48"	34"	56"	1365 LBS.

SINGLE PHASE TRANSFORMER FEEDER SCHEDULE				
ID	RATING	CONDUCTOR	PRIMARY	SECONDARY
T10	10KVA	COPPER	(1) 3/4" C. 2 #10, 1 #12 GND	(1) 1 1/4" C. 3 #4, 1 #10 GND
		ALUMINUM	NA	NA
T15	15KVA	COPPER	(1) 3/4" C. 2 #8, 1 #10 GND	(1) 1 1/2" C. 3 #3, 1 #6 GND
		ALUMINUM	NA	NA
T25	25KVA	COPPER	(1) 1 1/4" C. 2 #4, 1 #8 GND	(1) 2" C. 3 #1, 1 #6 GND
		ALUMINUM	NA	NA

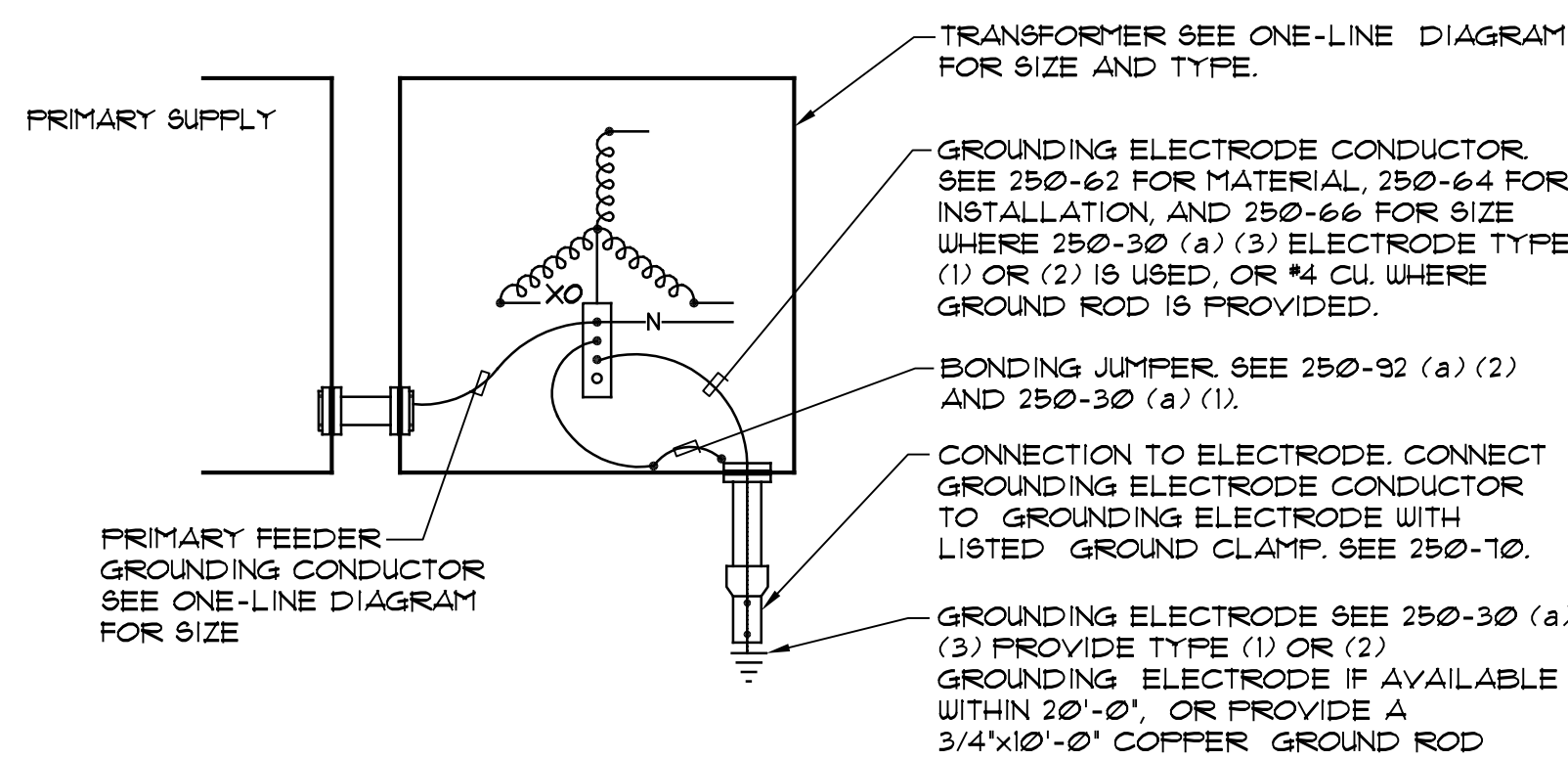
THREE PHASE TRANSFORMER FEEDER SCHEDULE				
ID	RATING	CONDUCTOR	PRIMARY	SECONDARY
T30	30 KVA	COPPER	(1) 1" C. 3 #6, 1 #8 GND	(1) 1 1/2" C. 4 #1, 1 #6 GND
		ALUMINUM	NA	NA
T45	45 KVA	COPPER	(1) 1 1/4" C. 3 #4, 1 #6 GND	(1) 2" C. 4 #2/0, 1 #6 GND
		ALUMINUM	NA	NA
T75	75 KVA	COPPER	(1) 2" C. 3 #1, 1 #6 GND	(1) 3" C. 4 #250, 1 #4 GND
		ALUMINUM	(1) 2" C. 3 #2/0, 1 #3 GND	3" C. 4 #350, 1 #2 GND
T112	112 1/2 KVA	COPPER	(1) 2" C. 3 #2/0, 1 #4 GND	(2) 3" C. 4 #3/0, 1 #2 GND
		ALUMINUM	(1) 2" C. 3 #4/0, 1 #2 GND	(2) 3" C. 4 #250, 1 #1/0 GND
T150	150 KVA	COPPER	(1) 3" C. 3 #4/0, 1 #4 GND	(2) 3" C. 4 #350, 1 #1 GND
		ALUMINUM	(1) 3" C. 3 #300, 1 #2 GND	(2) 3" C. 4 #500, 1 #2/0 GND
T225	225 KVA	COPPER	(2) 2" C. 3 #2/0, 1 #2 GND	(3) 3" C. 4 #300, 1 #1/0 GND
		ALUMINUM	(2) 2" C. 3 #4/0, 1 #1/0 GND	(3) 3" C. 4 #500, 1 #3/0 GND
T300	300 KVA	COPPER	(2) 3" C. 3 #4/0, 1 #2 GND	(4) 3" C. 4 #350, 1 #3/0 GND
		ALUMINUM	(2) 3" C. 3 #300, 1 #1/0 GND	(4) 3" C. 4 #500, 1 #250 GND
T500	500 KVA	COPPER	(3) 4" C. 3 #300, 1 #1/0 GND	(6) 3" C. 4 #250, 1 #250 GND
		ALUMINUM	(3) 4" C. 3 #400, 1 #3/0 GND	(6) 3" C. 4 #400, 1 #400 GND

TYPICAL 480 VOLT SERVICE AIC EQUIPMENT RATINGS

NO SCALE

TRANSFORMER ANCHORAGE DETAIL

NO SCALE

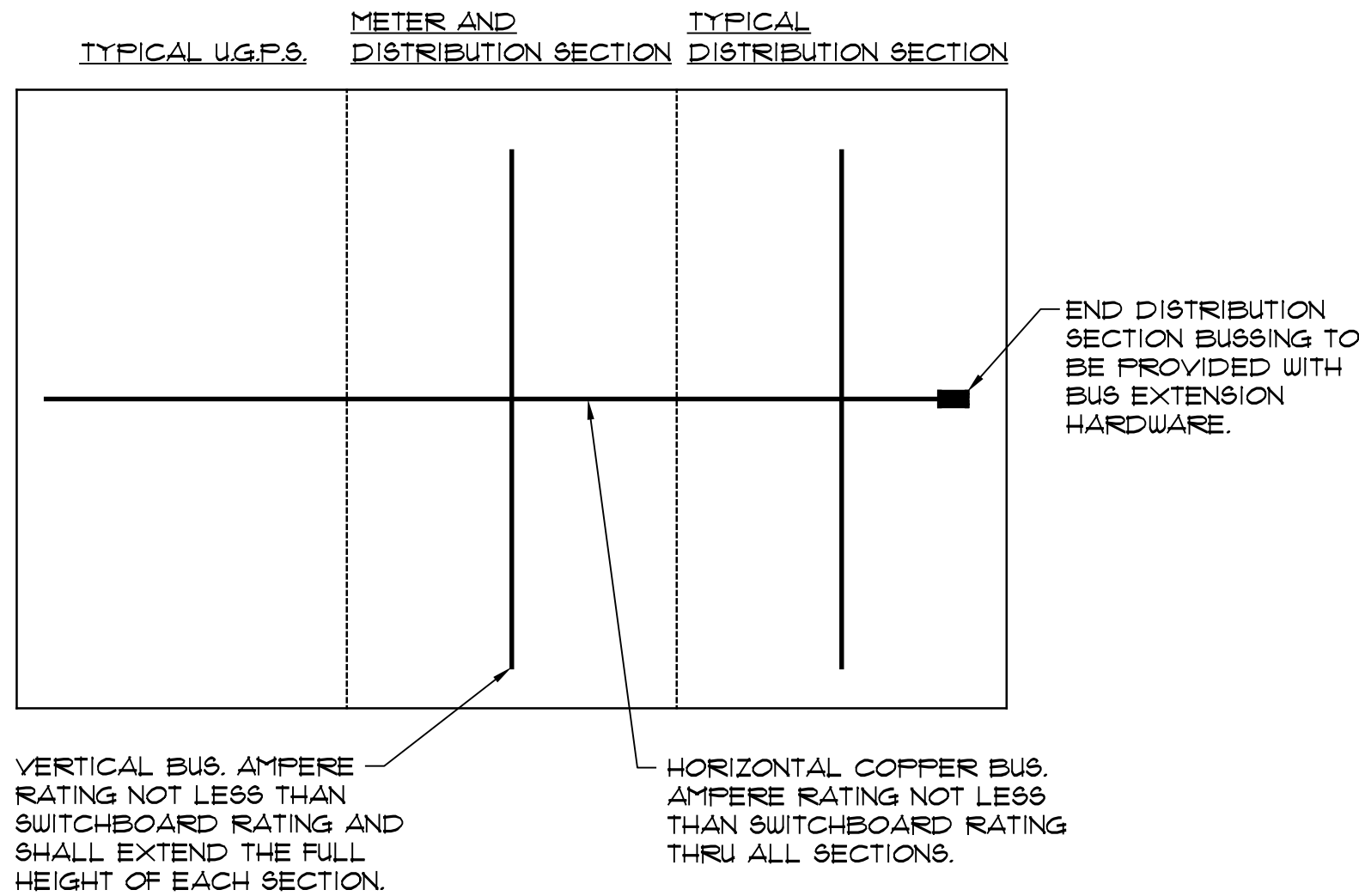


THREE PHASE TRANSFORMER GROUNDING

NO SCALE

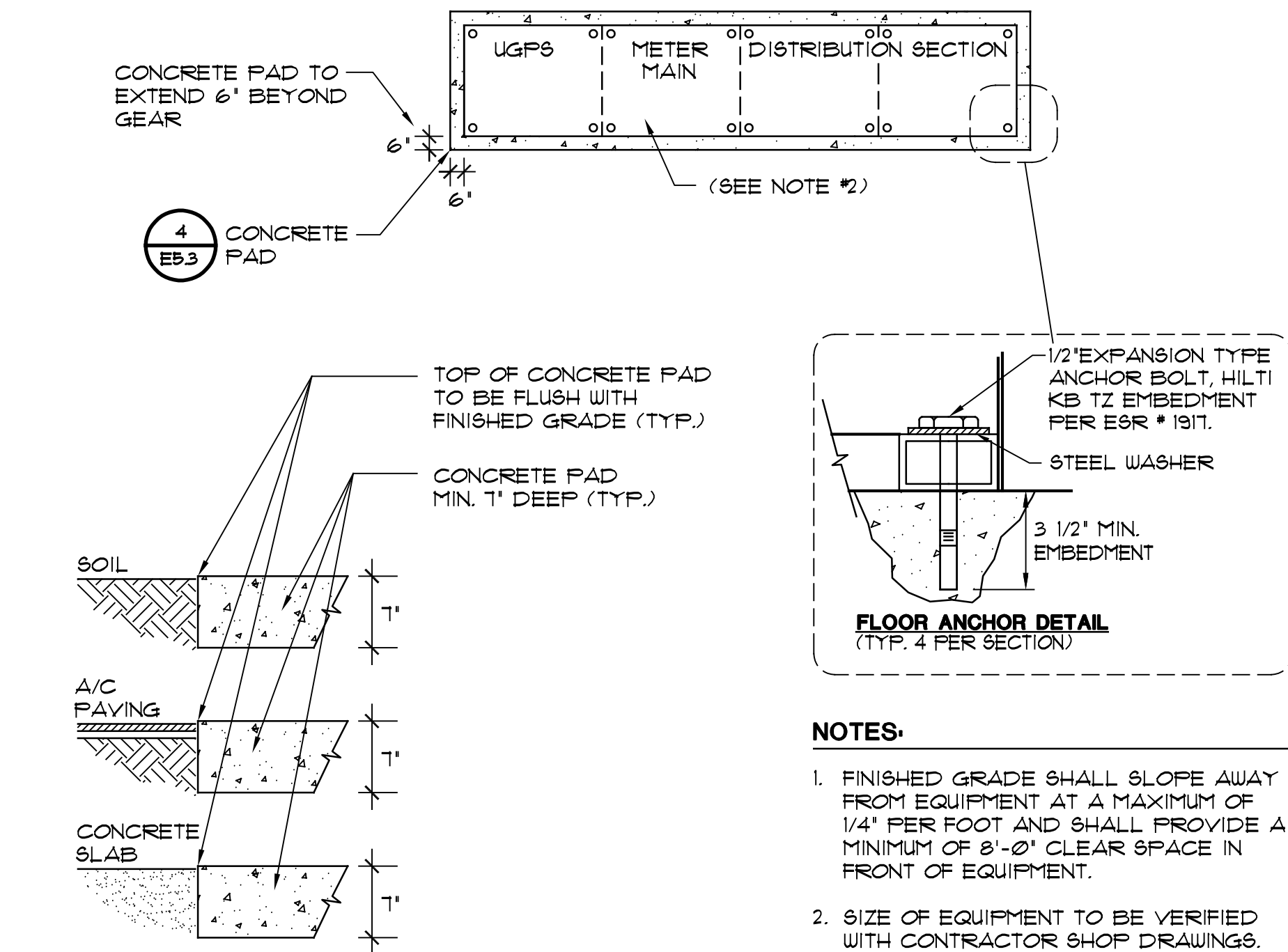
HA	277/480 3PH, 4WIRE			200 AMP			Main		Breaker		ENCLOSURE TYPE				ENCLOSURE NOTE								
	200% Neutral Bus								Lug		NEMA TYPE 1												
	(INTEGRAL)TVSS Protection						Enclosure		Recessed		X												
	(REMOTE)TVSS Protection								Surface		X				NEMA TYPE 4X								
	Service Entrance Rated																						
Load Side Feed thru Lugs				GENERAL DISTRIBUTION				PROVIDE LOCK ON BREAKER DEVICES FOR ALL EMERGENCY LIGHTING, MOTORS, AND FIRE ALARM EQUIPMENT SERVED FROM THIS PANEL															
				BREAKER REQUIREMENTS :				PHASE B		PHASE C		NO		AMP		POLE		CIRCUIT DESCRIPTION		LCL		NHL	
LCL	NHL	CIRCUIT DESCRIPTION		AMP	POLE	NO	PHASE A		2200				NO		AMP	POLE	CIRCUIT DESCRIPTION						
X		Site Lighting		20	1	1							2		20	1	SPACE						
X		Site Lighting		20	1	3			1100				4		20	1	SPACE						
X		Site Lighting		20	1	5					1100		6		20	1	SPACE						
X		Site Lighting		20	1	7	1100						8		20	1	SPACE						
X		Site Lighting		20	1	9			1700				10		20	1	SPACE						
X		Site Lighting		20	1	11					1800		12		20	1	SPACE						
X		Site Lighting		20	1	13	1700						14		20	1	SPACE						
X		Site Lighting		20	1	15			1400				16		20	1	SPACE						
X		Site Lighting		20	1	17					600		18		20	1	SPACE						
X		Site Lighting		20	1	19	1400						20		20	1	SPACE						
X		Site Lighting		20	1	21			800				22		20	1	SPACE						
X		Site Lighting		20	1	23					800		24		20	1	SPACE						
X		Site Lighting		20	1	25	1400						26		20	1	SPACE						
X		Site Lighting		20	1	27			1400				28		20	1	SPACE						
		Spare		20	1	29							30		20	1	SPACE						
		Spare		20	1	31							32		20	1	SPACE						
		Spare		20	1	33							34		20	1	SPACE						
		Spare		20	1	35							36		20	1	SPACE						
		Spare		20	1	37							38		20	1	SPACE						
		Spare		20	1	39							40		20	1	SPACE						
		Spare		20	1	41							42		20	1	SPACE						
SPECIAL PANEL																							
NOTE												NOTE #1											
												NOTE #2											
NHL= Non Harmonic Load				TOTAL LOAD PER PHASE				7800				6400				4300							
LCL= Long Continuous Load				25% LONG CONTINUOUS LOADS				1950				1600				1075							
				SUB PANEL																			
Max. Neut. Load				SUB PANEL																			
48 AMP-S				TOTAL CONNECTED LOAD				9750				8000				5375							





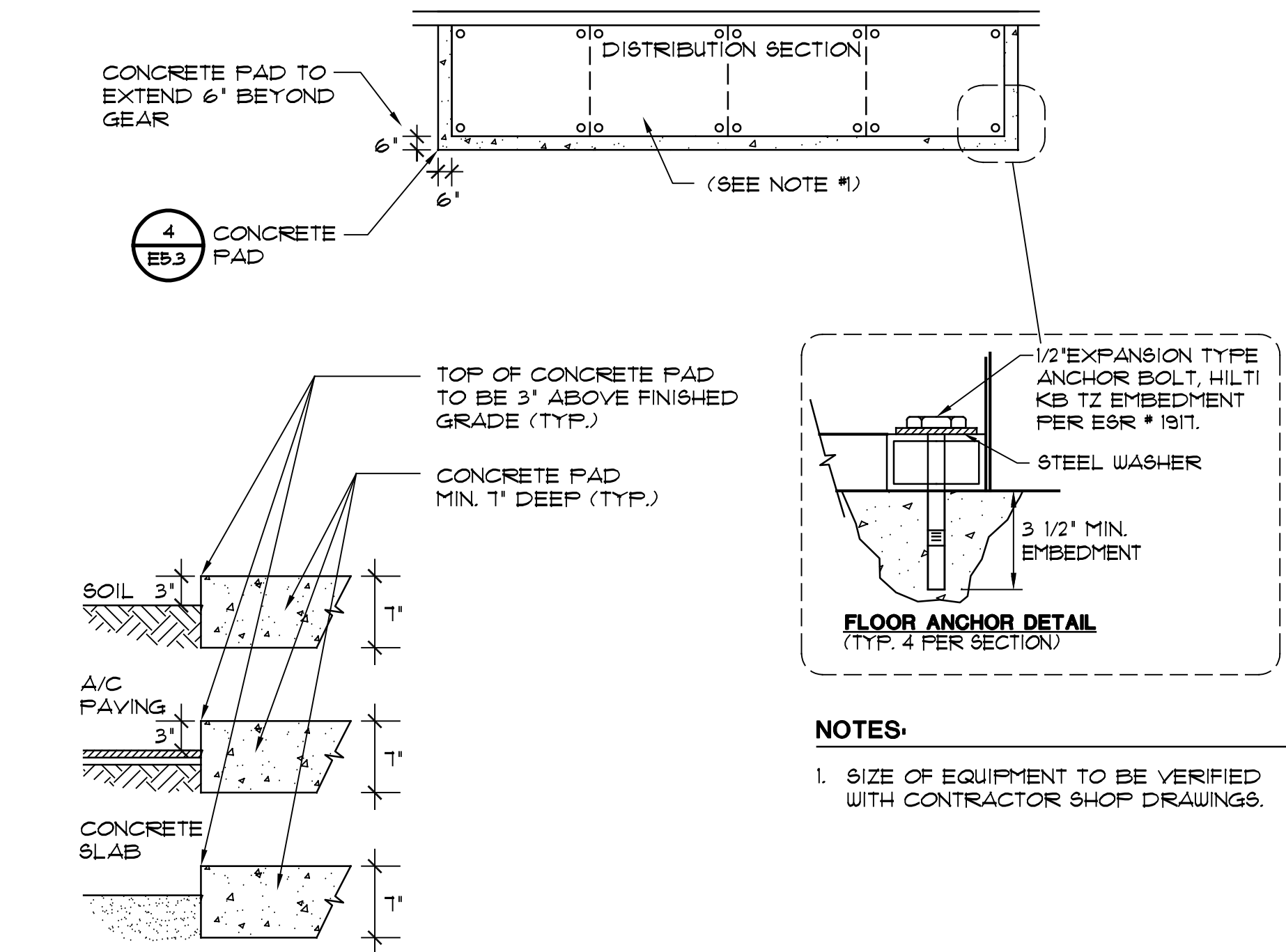
**SWITCHBOARD BUS CONFIGURATION DETAIL**  
NO SCALE

DET-001  
E5.3



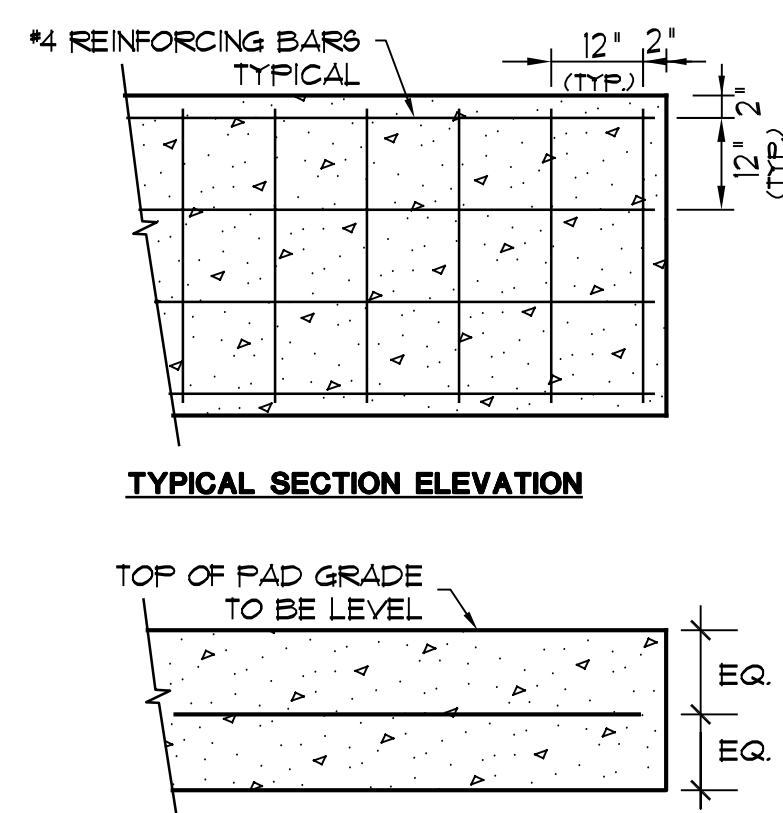
**TYPICAL ELECTRICAL (SERVICE) EQUIPMENT PAD DETAIL**  
NO SCALE

DET-001  
E5.3



**TYPICAL ELECTRICAL EQUIPMENT PAD DETAIL**  
NO SCALE

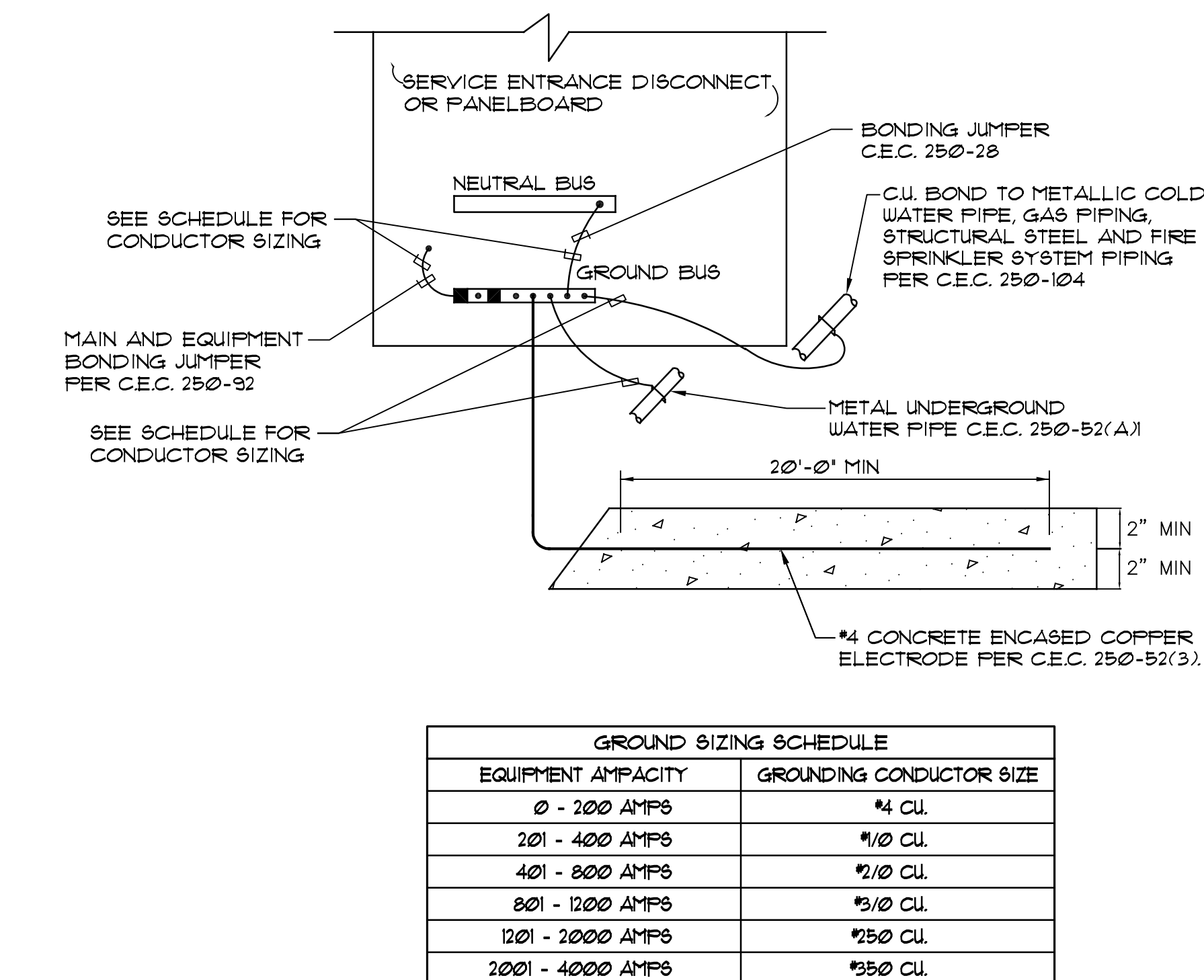
DET-001  
E5.3



- GENERAL NOTES**
1. ALL CONCRETE SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS, AS PER 1905A METHOD 'A' AND TABLE 19A-A-8. BATCH PLANT INSPECTIONS AND TESTS OF CEMENT AND REINFORCING BARS MAY BE WAIVED PER TITLE 24 SECTION 1704A.4.3 & 1704A.4.4.
  2. CONCRETE MIX DESIGNS SHALL COMPLY WITH TITLE 24 SECTION 1905A.2.
  3. PORTLAND CEMENT SHALL CONFORM TO (ASTM C-150) TYPE I OR II
  4. CONCRETE AGGREGATES SHALL CONFORM TO ASTM C-33
  5. CONCRETE PLACEMENT SHALL CONFORM TO TITLE 24 SECTION 1905A.1.
  6. ALL REINFORCING BARS SHALL CONFORM TO TITLE 24 SECTION 1903A AND ASTM A-615 GRADE 60.

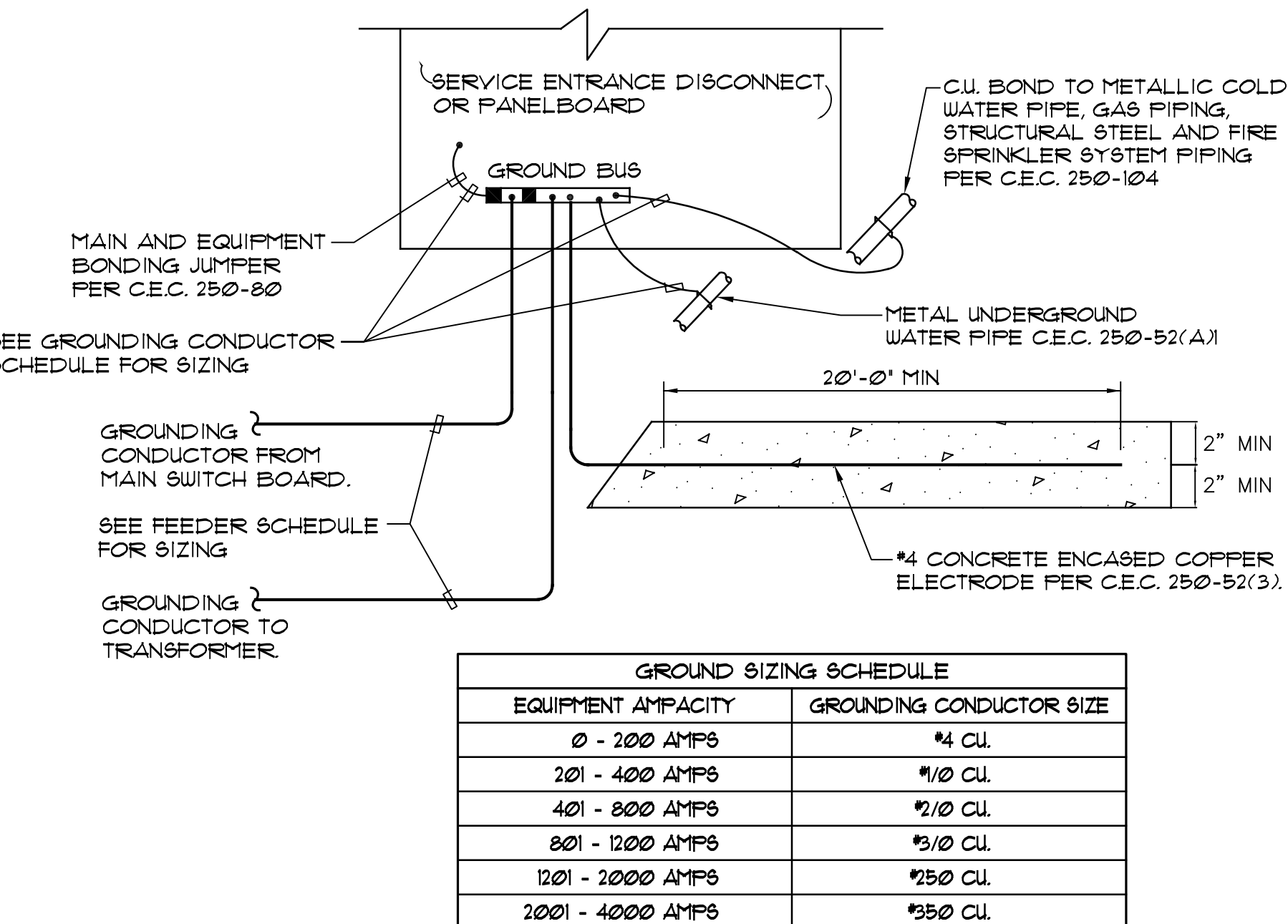
**TYPICAL HOUSEKEEPING PAD DETAIL**  
NO SCALE

DET-001  
E5.3



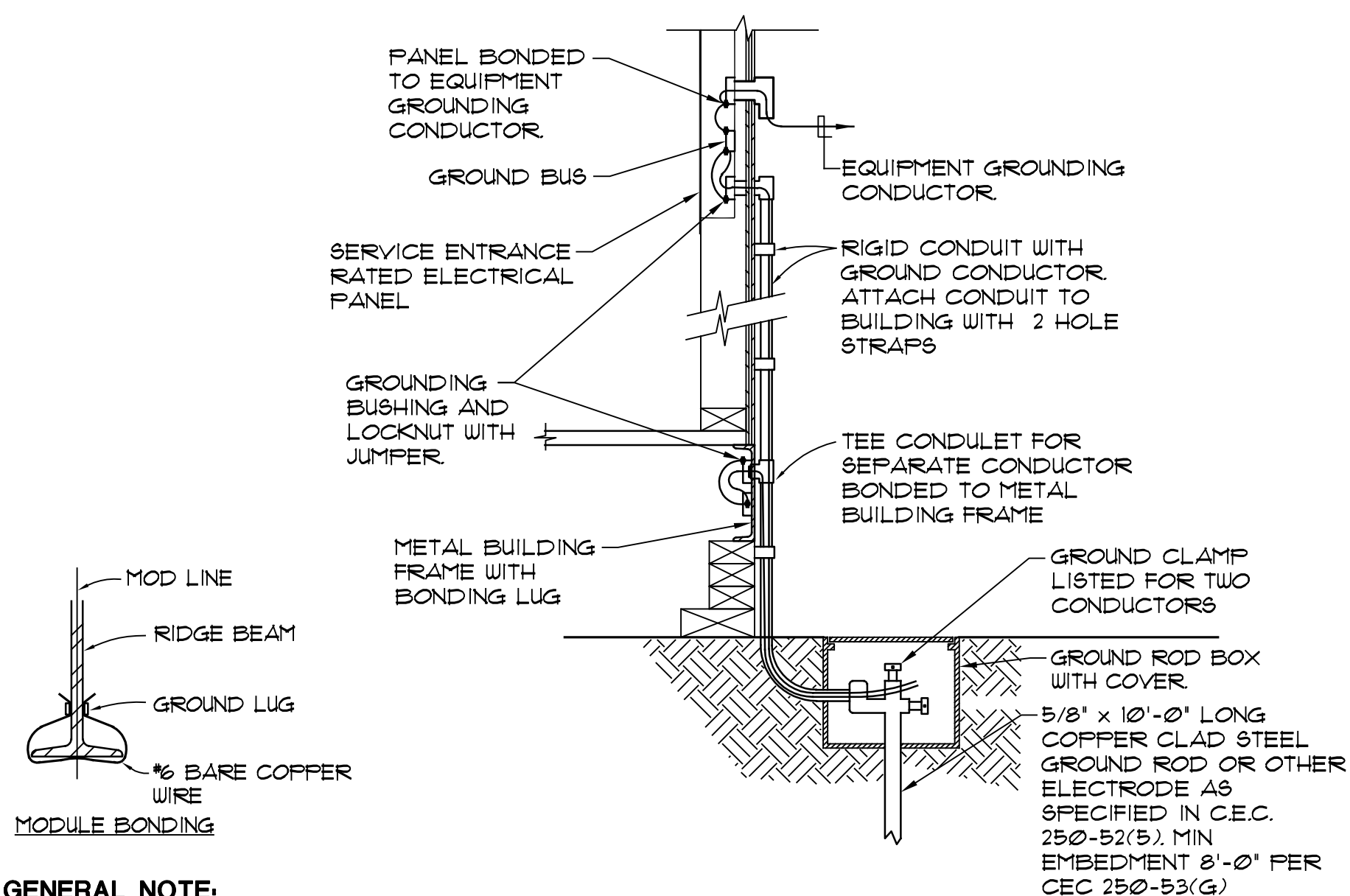
**MAIN SERVICE ENTRANCE GROUNDING AND BONDING DETAIL**  
NO SCALE

DET-013 (2004 CEC)  
E5.3



**SERVICE ENTRANCE GROUNDING AND BONDING DETAIL**  
NO SCALE

DET-013 (2004 CEC)  
E5.3



- GENERAL NOTE:**
1. SIZE OF CONDUCTOR SHALL COMPLY WITH C.E.C. TABLE 250-66.
  2. BOND SEPARATE CONDUCTORS FROM GROUND ROD TO ELECTRICAL PANEL (250-52(5)) AND TO METAL BUILDING FRAME (C.E.C. 250-104(C)). IN ADDITION TO THE DETAIL ABOVE BOND THE ELECTRICAL GROUND TO METAL WATER PIPE IF AVAILABLE. (C.E.C. 250-104(A)).
  3. ALL MODULES OF METAL FRAME BUILDINGS AND RAMP SHALL BE ELECTRICALLY BONDED TOGETHER (BOLTING ONLY IS NOT ACCEPTABLE BONDING).
  4. CHECK RESISTANCE TO GROUND. IF RESISTANCE EXCEEDS 25 OHMS, EXTEND CONDUCTORS, AS REQUIRED TO ADDITIONAL GROUND RODS AS NEEDED, SEPARATED BY AT LEAST 6'-0" UNTIL RESISTANCE IS 25 OHM OR LESS (C.E.C. 250-56).

**RELOCATABLE CLASSROOM GROUNDING DETAIL**  
NO SCALE

DET-022 (2007 CEC)  
E5.3

**KEYNOTES**

**NOTES**

**JOHNSON CONSULTING ENGINEERS, INC.**  
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REGISTERED PROFESSIONAL ENGINEER  
No. E 14781  
Exp. 8-30-2019  
ELECTRICAL  
STATE OF CALIFORNIA

#125102 9/8/2017

Key Plan

Consultant Seal

Agency Approval

FILE NO. 37-C1

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT

APPL. 04-116580

ACR. FLS. SSS.

DATE

Project Title

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Learning to Succeed

35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/6/2017

**ONE LINE DETAILS**

Architect's Seal

Designed: JF

Project No. 5015019-102

Drawn: AO

Scale:

QAQC: RG

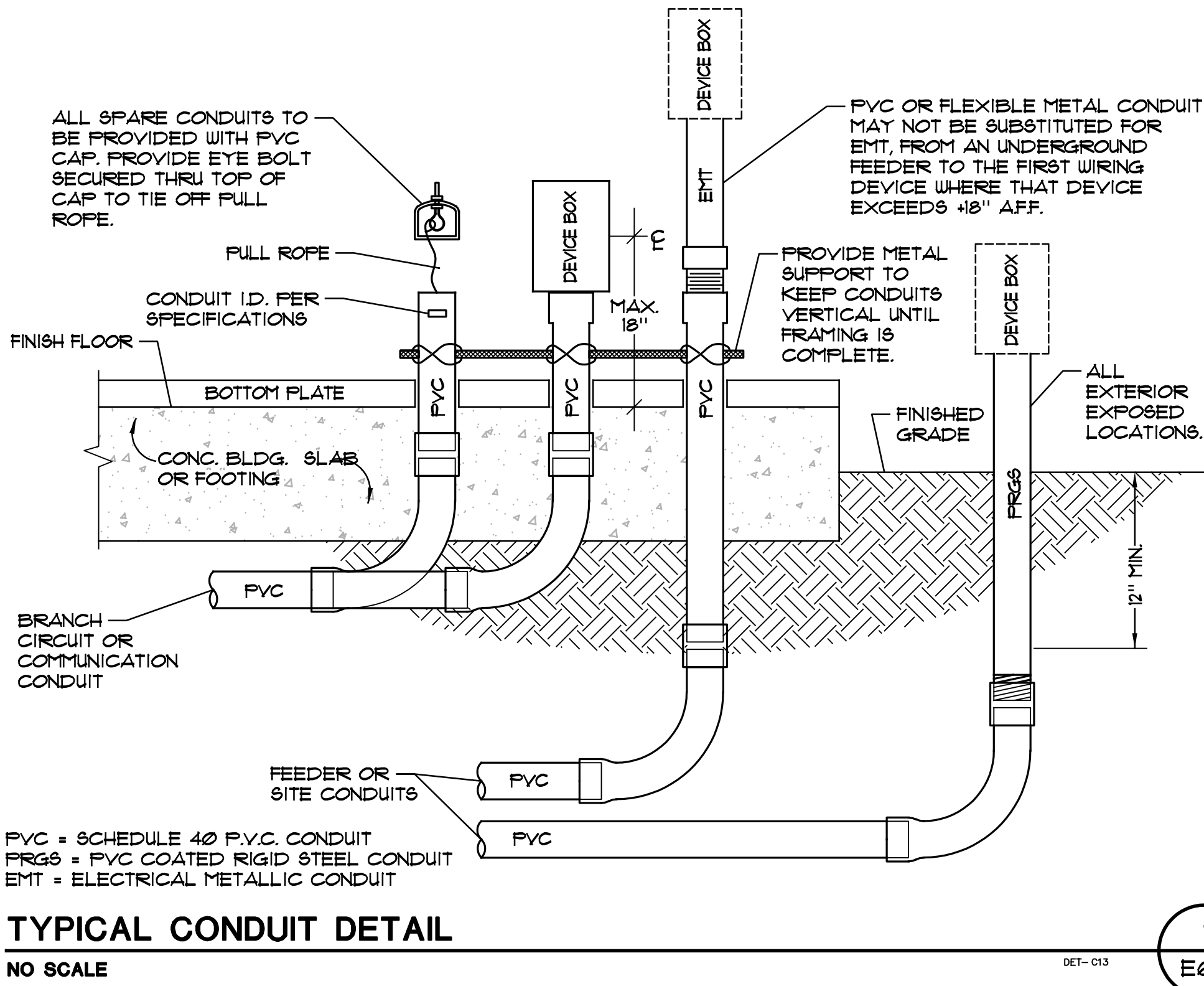
Drawing No. E5.3

Date: 10/6/2017

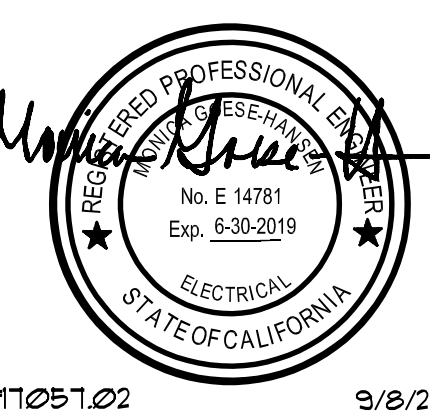



KEYNOTES

NOTES



TYPICAL CONDUIT DETAIL  
NO SCALE

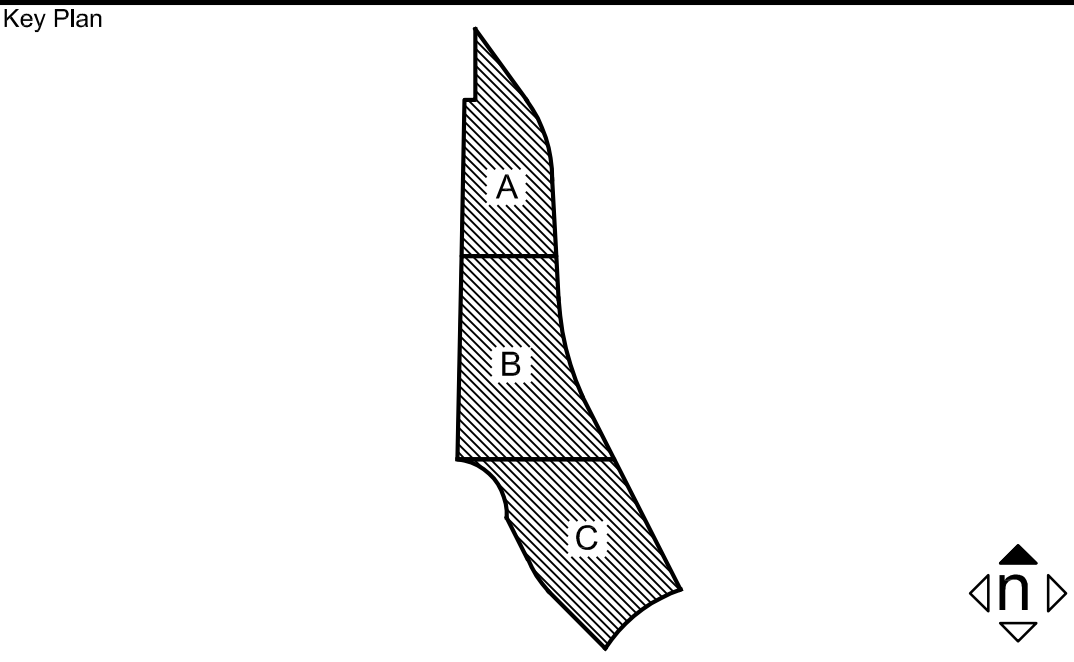




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Consultant Seal	Agency Approval FILE NO. 37-C1 IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APPL. 04-116580 ACR. FLS. SSS. DATE
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Project Title  
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35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/6/2017

Drawing Title:  
ELECTRICAL DETAILS

Architect's Seal 	Designed: JF	Project No. 5015019-102
	Drawn: AO	Scale:
	QA/QC: RG	Drawing No. E6.1
	Date: 10/6/2017	



TELECOM LEGEND

SYMBOL	DESCRIPTION
	NOTE CALLOUT
	DETAIL CALLOUT - NUMBER ON TOP DENOTES DETAIL NUMBER - NUMBER ON BOTTOM DENOTES SHEET DETAIL IS SHOWN
	BUILDING NUMBER
	UNDERGROUND CONDUIT
	CONDUIT TURNED UP
	CONDUIT TURNED DOWN
	CONDUIT WITH CAP
	TELECOMMUNICATIONS PULLBOX

TELECOM GENERAL NOTES

- ALL TELECOMMUNICATIONS WORK SHALL COMPLY WITH THE LATEST EDITION OF THE PALOMAR COLLEGE TELECOMMUNICATIONS INFRASTRUCTURE STANDARDS AND ALL OTHER APPLICABLE FEDERAL, STATE AND LOCAL CODES. WHERE THE CONSTRUCTION DOCUMENTS INDICATE MORE RESTRICTIVE REQUIREMENTS, THE DOCUMENTS SHALL GOVERN BUT THE CONSTRUCTION DOCUMENTS SHALL NOT BE INTERPRETED AS AUTHORITY TO VIOLATE ANY CODE OR REGULATION.
- IN THE EVENT OF A CONFLICT OR INCONSISTENCY BETWEEN ITEMS INDICATED ON THE PLANS AND/OR SPECIFICATIONS OR WITH CODE REQUIREMENTS, THE NOTE SPECIFICATION OR CODE WHICH PRESCRIBES AND ESTABLISHES THE MORE COMPLETE JOB OR THE HIGHER STANDARD SHALL PREVAIL.
- OMISSIONS FROM THE DRAWINGS OR SPECIFICATIONS OR THE MISEDSCRIPTION OF DETAILS OF WORK WHICH ARE CLEAR AND NECESSARY TO CARRY OUT THE INTENT OF THE DRAWINGS AND SPECIFICATIONS, OR WHICH ARE CUSTOMARILY PERFORMED, SHALL NOT RELIEVE THE CONTRACTOR FROM PERFORMING SUCH OMITTED OR MISEDSCRIBED DETAILS OF THE WORK BUT THEY SHALL BE PERFORMED AS IF FULLY AND CORRECTLY SET FORTH AND DESCRIBED IN THE DRAWINGS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL CHECK ALL DRAWINGS FURNISHED IMMEDIATELY UPON THEIR RECEIPT AND SHALL PROMPTLY NOTIFY THE OWNER OF ANY DISCREPANCIES.
- ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND SHALL BEAR THE UNDERWRITERS LABEL (UL) AND SHALL BE INSTALLED IN THE MANNER FOR WHICH THEY ARE DESIGNED AND APPROVED.
- THE CONTRACTOR SHALL NOT BORE, NOTCH OR IN ANYWAY CUT INTO ANY STRUCTURAL MEMBER WITHOUT WRITTEN APPROVAL FROM THE ARCHITECT OR STRUCTURAL ENGINEER.
- FOR PURPOSES OF CLEARNESS AND LEGIBILITY THE TELECOM DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC. THE SIZE AND LOCATION OF EQUIPMENT IS SHOWN TO SCALE WHEREVER POSSIBLE. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS, DATA INFORMATION AS INDICATED ON THE DRAWINGS AND IN THE SPECIFICATION SECTIONS WHERE TELECOM WORK INTERFACES WITH OTHER TRADES.
- USE "J" HOOKS FOR THE BULK OF THE STATION CABLE DISTRIBUTION. DO NOT USE CEILING TILE WIRE HANGERS, WATER OR ELECTRICAL PIPES, OR LIGHT FIXTURES TO HANG CABLE. CABLE MUST BE A MINIMUM OF SIX INCHES ABOVE THE CEILING TILE AND MUST NOT COME WITHIN TWELVE INCHES OF A LIGHT FIXTURE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF CEILING TILE INCLUDING REPLACEMENT OF BROKEN OR DAMAGED TILES.
- ALL LOCATIONS PASSING THROUGH A FIRE OR A SMOKE BARRIER MUST BE FIRE STOPPED USING APPROVED (UL CLASSIFIED) FIRE STOP MATERIAL INSTALLED, PER THE MANUFACTURERS INSTRUCTIONS.
- CONDUIT SHALL BE FILLED TO MAXIMUM CAPACITY (PER STANDARD) BEFORE UTILIZING ANOTHER VACANT CONDUIT.
- EACH OSP CABLE SHALL BE EQUIPPED WITH A PERMANENT LABEL INDICATING CABLE TYPE, PAIR OR OPTIC COUNTS, DISTANT END AND CABLE LENGTH. BOTH ENDS SHALL OF EACH CABLE SHALL BE SO LABELED.
- FIBER CABLE SHALL BE PLACED WITH SIX METER (6) MAINTENANCE LOOP AT BOTH ENDS OF THE RUN. THE MAINTENANCE LOOP SHALL BE SECURED IN SUCH A MANNER TO PROVIDE PROTECTION DURING SUBSEQUENT CABLE PULLS.
- ANY DEVIATIONS FROM PLANS OR SPECIFICATIONS MUST BE APPROVED IN WRITING BY THE ENGINEER AND DISTRICT REPRESENTATIVE.
- ALL WORK MUST BE COMPLETED IN A NEAT AND PROFESSIONAL MANNER. THE WORK SITE SHALL BE KEPT CLEAN AND ALL DAMAGE TO DISTRICT PROPERTY REPAIRED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONDUCTING A FINAL CLEANUP OF THE WORK SITE PRIOR TO FINAL SYSTEM ACCEPTANCE.
- ALL FOOTAGES ON DRAWINGS ARE ESTIMATED AND MUST BE VERIFIED BY CONTRACTOR PRIOR TO ORDERING MATERIAL.
- ALL CABLE TRAYS, LADDER RACKS, CONDUIT, EQUIPMENT RACKS, PROTECTOR PANELS, AND CABLE SHEATHS SHALL BE BONDED & GROUNDED TO EQUIPMENT GROUND WITH #6 WIRE.
- PULL ROPES SHALL BE PLACED IN ALL VACANT CONDUITS.
- ALL CHANGES TO STRUCTURES (BUILDING, DRILLING, CORING, ETC.) NOT SHOWN ON THE DRAWINGS SHALL BE APPROVED IN WRITING BY STRUCTURAL ENGINEER.
- PULLBOXES MUST BE USED ON ANY INTRA-BUILDING CONDUIT RUN MORE THAN 100 FEET IN LENGTH OR WITH MORE THAN 180 DEGREES OF BEND. PULLBOXES SHALL BE A MINIMUM OF TWELVE (12) TIMES THE DIAMETER OF THE LARGEST CONDUIT. ALL COMMUNICATIONS CONDUIT SHALL ENTER AND LEAVE PULL BOXES IN THE SAME DIRECTION - NO RIGHT ANGLE BENDS WILL BE ALLOWED WITHIN PULL BOXES.

AUDIOVISUAL LEGEND



EMERGENCY PAGING SPEAKERS. ELECTRICAL CONTRACTOR SHALL PROVIDE (1) 1" CONDUIT TO LOCATION. REFER TO TAV/4.01 FOR CABLING DETAILS

A/V RESPONSIBILITY MATRIX

TASK	PARTY
AV CONDUIT, BACKBOXES, SLEEVES	EC
AV CONDUIT ID LABELING AND PULLSTRINGS	EC
POWER TO AUDIOVISUAL EQUIPMENT	EC
AV AUDIOVISUAL STRUCTURAL SUPPORTS (SCREENS, DISPLAY BACKING, SPEAKERS)	AVC
AV EQUIPMENT RACKS AND CREDENZA CABINET INSTALLATION	AVC
AV CABLING AND TERMINATION	AVC
AV FACEPLATES AND DIVIDERS	AVC

LEGEND	
GC	GENERAL CONTRACTOR
EC	ELECTRICAL CONTRACTOR
CC	COMMUNICATIONS CONTRACTOR
SC	SECURITY CONTRACTOR
AVC	AUDIO VISUAL CONTRACTOR
ELITE	ELITE MODULAR

AUDIOVISUAL GENERAL NOTES

- ELITE MODULAR SHALL PROVIDE ALL CONDUIT, JUNCTION BOXES, CABLE TRAYS, PULL STRING, ENCLOSURES, FLOOR BOXES, POWER RECEPTACLES AND POWER CONNECTIONS IDENTIFIED IN THESE DRAWINGS AND SPECIFICATIONS.
- ALL CONDUIT RUNS SHALL BE CONTINUOUS FROM END TO END.
- ALL CONDUIT CONNECTORS SHALL BE FURNISHED WITH NYLON BUSHINGS AND CHASE NIPPLES TO PREVENT DAMAGE TO CABLES FROM UNEVENLY CUT CONDUIT.
- ALL JUNCTION BOXES IN WALLS AND CEILINGS SHALL BE FLUSH MOUNTED, AND CONDUITS SHALL BE CONCEALED UNLESS OTHERWISE NOTED.
- CAULK OR SEAL PENETRATIONS THAT ARE MADE THROUGH ACOUSTIC WALLS WITH ACOUSTICAL SEALANT.
- DIMENSIONS ARE INDICATED ON AUDIOVISUAL DRAWINGS WHERE CRITICAL TO THE INSTALLATION OF THE AUDIOVISUAL DEVICES. WHERE INFORMATION AND REQUIREMENTS CONFLICT WITH SPECIFICATIONS AND DESIGNS DELINEATED ELSEWHERE, THE GENERAL CONTRACTOR SHALL IMMEDIATELY BRING SUCH CONFLICTS TO THE ATTENTION OF THE ARCHITECT.
- ELITE MODULAR SHALL PROVIDE STRUCTURAL SUPPORT FOR MOUNTING OF PROJECTION SCREEN AT LOCATIONS DESIGNATED IN THESE DRAWINGS. THIS SHALL ALSO INCLUDE, BUT NOT BE LIMITED TO, BLOCKING FOR WALL MOUNTED DEVICES AND OVERHEAD SUPPORT FOR CEILING MOUNTED PROJECTORS AND PROJECTION SCREENS. REFER TO ARCHITECTURAL DRAWINGS FOR SUPPORT DETAILS AND REQUIREMENTS.
- GENERAL CONTRACTOR SHALL PROVIDE PULL STRINGS WITH DESTINATION LABEL IN ALL CONDUIT SPECIFIED IN AUDIOVISUAL DRAWINGS.
- GENERAL CONTRACTOR SHALL PROVIDE BLANK COVER PLATES AT ALL AUDIOVISUAL JUNCTION BOXES WITH ARCHITECT.
- COORDINATE MOUNTING HEIGHTS AND LOCATIONS OF ALL AUDIOVISUAL JUNCTION BOXES AND DEVICES WITH ARCHITECT.
- NO SINGLE BEND IN CONDUIT SHALL EXCEED 90°. NO SINGLE CONDUIT RUN SHALL HAVE MORE THAN 3 BENDS.
- SOME JUNCTION BOXES AND ENCLOSURES SPECIFIED IN AUDIOVISUAL DRAWINGS MAY BE DEEPER THAN STANDARD WALL DEPTH. COORDINATE WITH ARCHITECT TO VERIFY INSTALLATION REQUIREMENTS AND DETAILING. AT A MINIMUM, OUTLET BOXES SHALL BE AT LEAST 3-5" DEEP.
- WHERE MORE THAN ONE CONDUIT TERMINATES IN A JUNCTION BOX, ELITE MODULAR SHALL LABEL EACH CONDUIT IN A MANNER ALLOWING IDENTIFICATION OF CONDUITS AFTER WALL FINISHED ARE APPLIED.
- ALL CONDUITS SPECIFIED SHALL BE EMT OR RIGID GALVANIZED TYPE. FLEXIBLE STEEL CONDUITS MAY BE USED IN RUNS OF 12" OR LESS. FLEXIBLE CONDUITS SHALL NOT BE ALLOWED WHERE ACCESS CANNOT BE PROVIDED TO THE FULL LENGTH OF THE CONDUIT RUN. PVC IS UNACCEPTABLE UNLESS OTHERWISE NOTED.

SECURITY LEGEND



OUTDOOR RATED WALL MOUNTED CAMERA. ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL 4" SQ DEEP JUNCTION BOX WITH 1" EMT CONDUIT STUBBED INTO ACCESSIBLE CEILING SPACE (U.O.N). ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT SUPPORT, CONNECTORS, COUPLINGS, PLASTIC BUSHINGS, PULL STRING, OUTLET BOX, AND MUD RING. EACH CAMERA TO HAVE (1) CATEGORY 6A CABLE PROVIDED BY SECURITY CONTRACTOR.



OUTDOOR RATED 180 DEGREE CAMERA. ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL (1) EMT CONDUIT TO CAMERA LOCATED AT POLE (U.O.N) ELECTRICAL CONTRACTOR TO PROVIDE ALL CONDUIT, CONNECTORS, COUPLINGS, PULLSTRING, AND MUDRING. EACH CAMERA TO HAVE (1) CATEGORY 6A CABLE COMING FROM MEDIA CONVERTER LOCATED AT BASE OF POLE PROVIDED BY SECURITY CONTRACTOR.



OUTDOOR RATED 360 DEGREE CAMERA. ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL (1) 1" EMT CONDUIT TO CAMERA LOCATED AT POLE (U.O.N) ELECTRICAL CONTRACTOR TO PROVIDE ALL CONDUIT, CONNECTORS, COUPLINGS, PULLSTRING, AND MUDRING. EACH CAMERA TO HAVE (1) CATEGORY 6A CABLE COMING FROM MEDIA CONVERTER LOCATED AT BASE OF POLE PROVIDED BY SECURITY CONTRACTOR.



EMERGENCY PHONE. ELECTRICAL CONTRACTOR SHALL PROVIDE (1) 1-1/4" CONDUIT TO EMERGENCY PHONE. PROVIDE AND INSTALL (1) 2-STRAND FIBER OPTIC WITH MEDIA CONVERTER TO LOCATION.



EMERGENCY PHONE WITH OVER-HEAD 360 DEGREE CAMERA. ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL (1) 1-1/4" CONDUIT TO LOCATION. PROVIDE AND INSTALL (1) 6-STRAND SINGLE MODE FIBER OPTIC WITH MEDIA CONVERTER TO EMERGENCY PHONE. CAMERA TO HAVE (1) CATEGORY 6A CABLE FROM MEDIA CONVERTER.

SECURITY GENERAL NOTES

- ELITE MODULAR SHALL PROVIDE ALL CONDUIT, JUNCTION BOXES, CABLE TRAYS, PULL STRING, ENCLOSURES, FLOOR BOXES, POWER RECEPTACLES AND POWER CONNECTIONS IDENTIFIED IN THESE DRAWINGS AND SPECIFICATIONS.
- ALL CONDUIT RUNS SHALL BE CONTINUOUS FROM END TO END.
- ALL CONDUIT CONNECTORS SHALL BE FURNISHED WITH NYLON BUSHINGS AND CHASE NIPPLES TO PREVENT DAMAGE TO CABLES FROM UNEVENLY CUT CONDUIT.
- ALL JUNCTION BOXES IN WALLS AND CEILINGS SHALL BE FLUSH MOUNTED, AND CONDUITS SHALL BE CONCEALED UNLESS OTHERWISE NOTED.
- CAULK OR SEAL PENETRATIONS THAT ARE MADE THROUGH ACOUSTIC WALLS WITH ACOUSTICAL SEALANT.

SECURITY RESPONSIBILITY MATRIX

TASK	PARTY
SECURITY CONDUIT, BACKBOXES, SLEEVES	EC
SECURITY CONDUIT ID LABELING AND PULLSTRINGS	EC
POWER TO ACS SECURITY EQUIPMENT	EC
SECURITY EQUIPMENT (CAMERAS, ACS DEVICE, HEADEND EQUIPMENT)	SC
SECURITY CABLING AND TERMINATION	SC
PROVIDE, INSTALL, TERMINATE SECURITY CATEGORY CABLING, FIBER CABLING, AND MEDIA CONVERTERS	CC

LEGEND	
GC	GENERAL CONTRACTOR
EC	ELECTRICAL CONTRACTOR
CC	COMMUNICATIONS CONTRACTOR
SC	SECURITY CONTRACTOR
AVC	AUDIO VISUAL CONTRACTOR
ELITE	ELITE MODULAR

ABBREVIATIONS

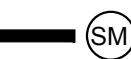
ABBREVIATION	DESCRIPTION
A OR AMP	AMPERES
ACCJ	AIR COOLED CONDENSING UNIT
ACS	ACCESS CONTROL SYSTEM
AFF	ABOVE FINISHED FLOOR
AIC	AMPERE INTERRUPTING CAPACITY
ARCH.	ARCHITECT / ARCHITECTURAL
AWG	AMERICAN WIRE GAUGE
BDF	BUILDING DISTRIBUTION FRAME
C	CONDUIT
CKT	CIRCUIT
CLG	CEILING
C.O.	CONDUIT ONLY WITH PULL WIRE
CU	COPPER
DWG	DRAWING
EA	EACH
EMT	ELECTRICAL METALLIC TUBING
ENT	ELECTRICAL NONMETALLIC TUBING
EQUIP	EQUIPMENT
EXIST / (E)	EXISTING
EW	EQUIPPED WITH
FCU	FAN COIL UNIT
FIN.	FINISH
FKT	FIXTURE
FLR	FLOOR
FLUOR	FLUORESCENT
FOC	FIBER OPTIC CABLE
FT	FEET
FTU	FIBER TERMINAL UNIT
GRF	GROUND FAULT INTERRUPTER
GRC	GALVANIZED RIGID CONDUIT
GND	GROUND
IDF	INTERMEDIATE DISTRIBUTION FRAME
IDS	INTRUSION DETECTION SYSTEM
JB	JUNCTION BOX
LTG	LIGHTING
MDF	MAIN DISTRIBUTION FRAME
MH	MOUNTING HEIGHT
MM	MULTIMODE
MTG.	MOUNTING
N	NORTH
NEC	NATIONAL ELECTRICAL CODE
NC	NOT IN CONTRACT
NO.	NUMBER
PH	PHASE
PNL	PANEL
PWR	POWER
PRO	PROTECTED TERMINAL
PDE	POWER OVER ETHERNET
REC/RECEPT	RECEPTACLE
REQ'D	REQUIRED
RM	ROOM
SF	SQUARE FEET
SHT	SHEET
SM	SINGLE MODE
SMJ	SURFACE MOUNTED J-BOX
SP	SINGLE POLE
SPECS	SPECIFICATIONS
SW	SWITCH
TYP	TYPICAL
TERM	TERMINATION
UG	UNDERGROUND
U.O.N.	UNLESS OTHERWISE NOTED
V	VOLTS
V-A	VOLT-AMPERES
W	WATTS
W/	WITH
W/O	WITHOUT
WAP	WIRELESS ACCESS POINT
GC	GENERAL CONTRACTOR
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OFCI	OWNER FURNISHED OWNER INSTALLED

SHEET INDEX

SHEET	DESCRIPTION
T1.00	GENERAL NOTES, LEGEND AND ABBREVIATIONS
T1.01	OVERALL SITE PLAN
T4.01	SINGLE LINE DIAGRAM
T4.02	SINGLE LINE DIAGRAM
T5.01	DETAILS
T5.02	DETAILS
TAV4.01	AUDIOVISUAL SYSTEM DIAGRAM PAGING SYSTEM

HMC Architects

3546 Concours Street / Ontario, CA 91764  
T 909 989 9979 / www.hmcarchitects.com

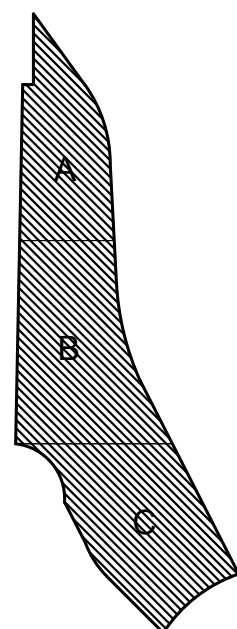


KEYNOTES

NO.	Note - Detail
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NOTES

Key Plan



Consultant Seal

Agency Approval

FILE NO. 37-C1

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT

APPL. 04-116580

ACS\_\_\_\_ FLS\_\_\_\_ SSS\_\_\_\_  
DATE \_\_\_\_\_

Project Title

Palomar North Education Center - Interim Village



Palomar College

35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:  
General Notes, Legend And Abbreviations

Architect's Seal



Designed: JQ

Project No. 5015019-102

Drawn: JQ

Scale: No Scale

QAQC ER

Drawing No.

T1.00

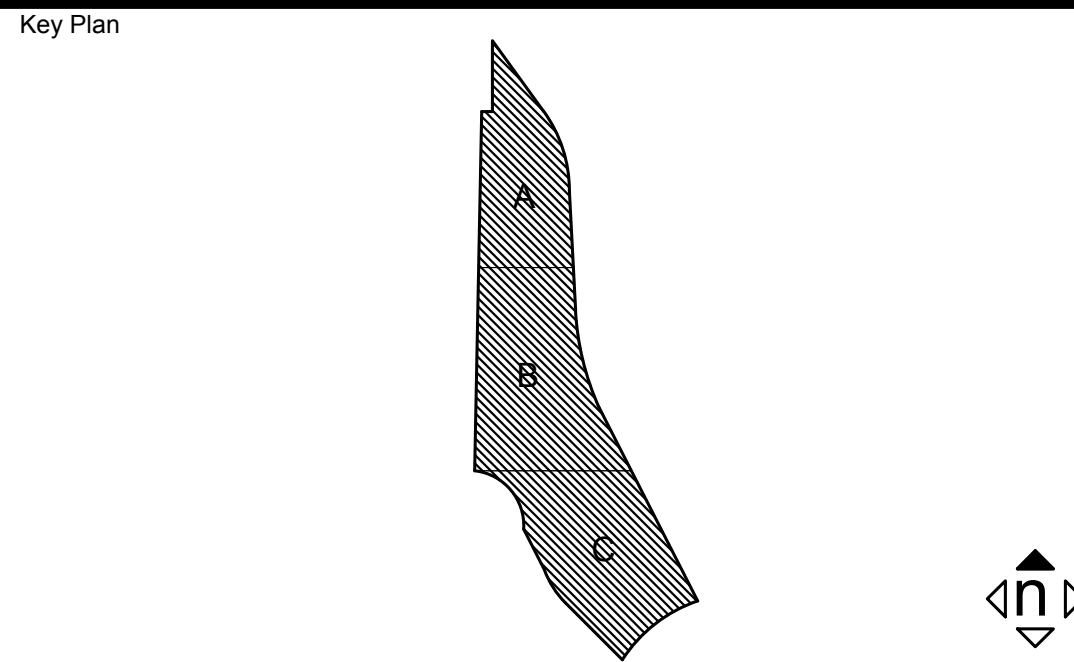
Date: 10/06/2017



KEYNOTES

- NO. Note - Detail
- 1 PROVIDE AND INSTALL 4" X 6'-6" X 6'-6" TELECOM VAULT.
  - 2 PROVIDE AND INSTALL (6) 4" CONDUIT.
  - 3 PROVIDE AND INSTALL (6) 2" CONDUIT.
  - 4 PROVIDE AND INSTALL (6) 4" CONDUIT. STUB CONDUIT AT THE END.
  - 5 COMMUNICATIONS CONTRACTOR TO PROVIDE AND INSTALL (1) 6-STRAND SINGLE MODE FIBER OPTIC WITH MEDIA CONVERTER FOR DIGITAL SIGNAGE FROM MDF.
  - 6 COMMUNICATIONS CONTRACTOR TO PROVIDE AND INSTALL (1) 6-STRAND SINGLE MODE FIBER OPTIC TO EMERGENCY PHONE FROM MDF. TYPICAL.
  - 7 POLE MOUNTED SPEAKERS. REFER TO TAV4.01 FOR CABLING AND 2175.02 FOR MOUNTING. CABLING TO RUN IN ITS OWN DEDICATED CONDUIT. TYPICAL.
  - 8 PROVIDE AND INSTALL (1) 6-STRAND SINGLE MODE FIBER FROM MDF TO ALL CAMERA LOCATIONS. TYPICAL.
  - 9 COMMUNICATIONS CONTRACTOR TO PROVIDE AND INSTALL (1) 6-STRAND SINGLE MODE FIBER OPTIC WITH MEDIA CONVERTER FOR IRRIGATION CONTROL. COORDINATE LOCATION WITH IRRIGATION AND ELECTRICAL CONTRACTOR.

NOTES



Consultant Seal

Agency Approval

FILE NO. 57-C1

IDENTIFICATION STAMP

DIV. OF THE STATE ARCHITECT

APPL. 04-116580

ACS. FLS. SSS.

DATE

Project Title

Palomar North Education Center - Interim Village

**Palomar College**

35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title

Overall Site Plan

Architect's Seal

Designed: ER

Project No. 5015019-102

Drawn: JQ

Scale: 1" = 100'

QA/QC: ER

Drawing No. T1.01

Date: 10/06/2017

ENLARGED SITE PLAN NORTH- INTERIM VILLAGE

2

1" = 70'-0"

ENLARGED SITE PLAN SOUTH - INTERIM VILLAGE

1

1" = 70'-0"



—

1. IDF ROOMS AND WALL MOUNTED PULLBOX SHOWN FOR REFERENCE AND ARE PART OF PHASE III.

1. IDF ROOMS AND WALL MOUNTED PULLBOX SHOWN FOR REFERENCE AND ARE PART OF PHASE III.

\_\_\_\_\_



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DIV. OF THE STATE ARC

APPL. 04-116580

DATE \_\_\_\_\_

**Palomar North Education Center - Int**  
**Palomar North Education Center - Int**


35000 Horse Ranch Creek Road


**I**

Drawing Title:

### Single Line Diagram

[illegible]

		
	Date:	Scale:

		
	QAQC	Drawing No.

Date: 10/06/2017

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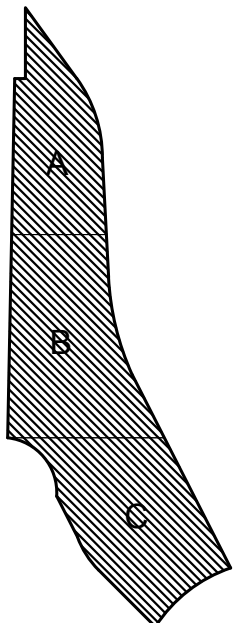
KEYNOTES

NO. Note - Detail

NOTES

1. MDF ROOM A06 IS SHOWN FOR REFERENCE ONLY. IT IS PART OF PHASE III.

Key Plan



Consultant Seal

Agency Approval FILE NO. 57-C1  
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DIV. OF THE STATE ARCHITECT  
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Project Title



Palomar North Education Center - Interim Village

35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
DSA SUBMITTAL - PHASE II		10/06/2017

Drawing Title  
Single Line Diagram

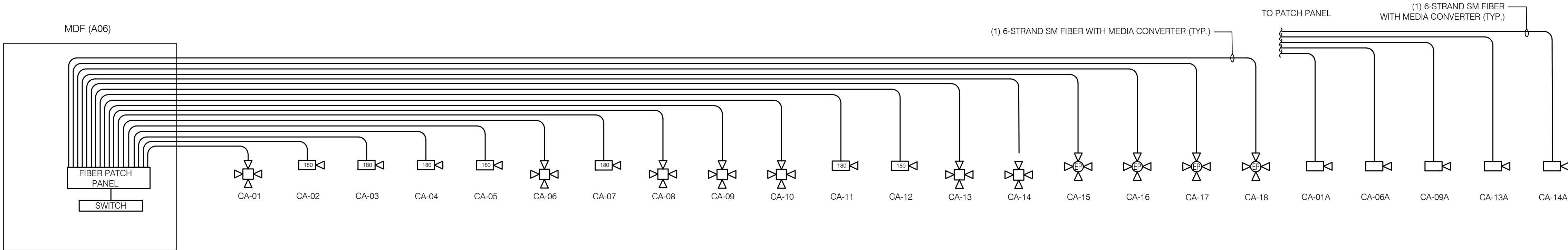
Architect's Seal



Designed: ER	Project No. 5015019-102
Drawn: JQ	Scale: Not To Scale
QA/QC: ER	Drawing No. T4.02
Date: 10/06/2017	

CAMERA SCHEDULE

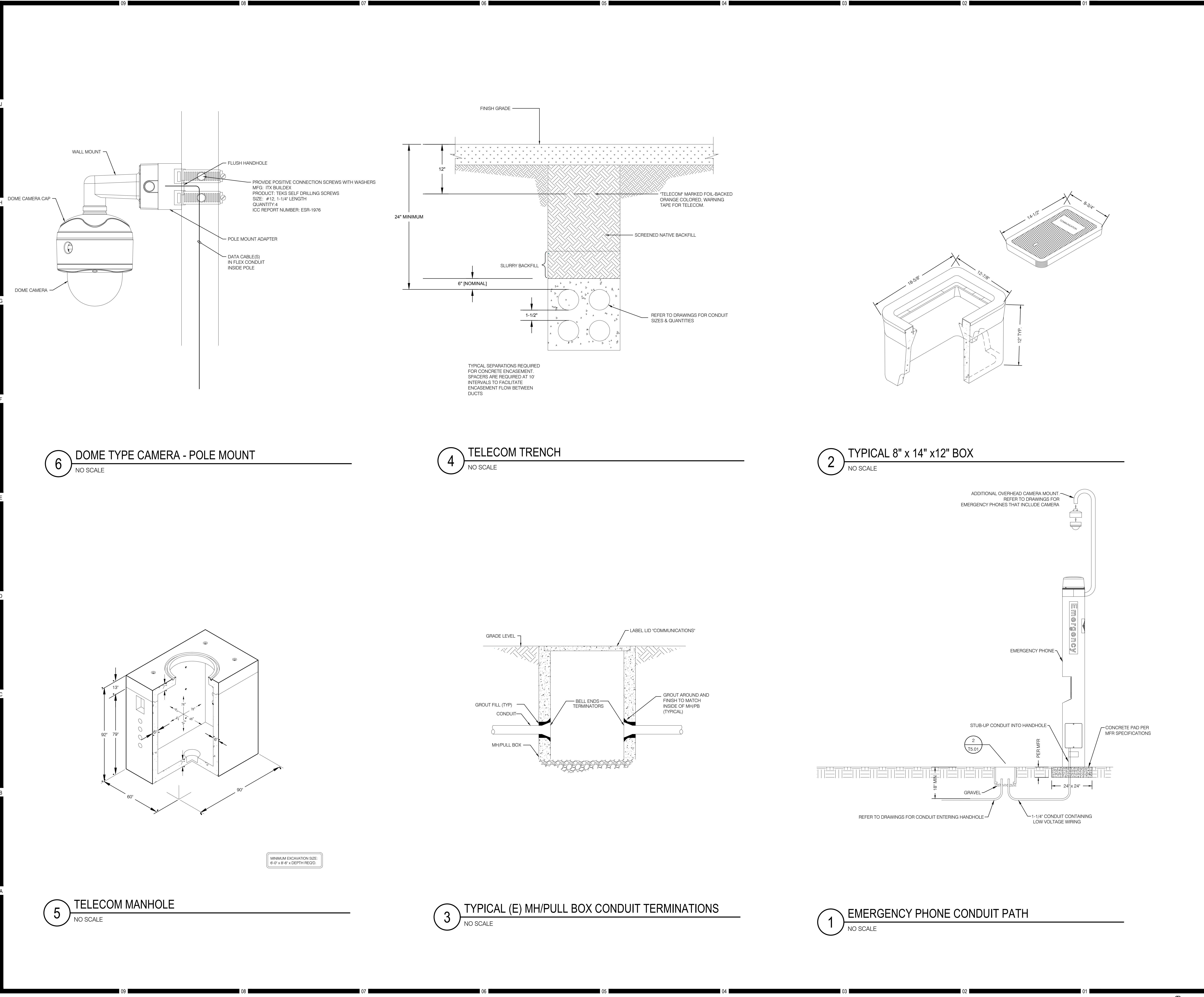
CAMERA #	REF. SHEET #	PART #	RESOLUTION	MOUNT/HOUSING (POLE/EMERGENCY PHONE)	FOV	FPS	MOUNT HEIGHT (FT)	Power	NOTES
CA-01	T1.01	Panasonic WV-SF481	4K	P	360 Deg.	12 FPS	16' AG	POE	
CA-01A	T1.01	Inex IZA500	1.2mp/2mp	P	Target	N/A	14' AG	24VDC	License Plate Reader
CA-02	T1.01	Panasonic WV-SF481	4K	P	180 Deg.	12 FPS	16' AG	POE	
CA-03	T1.01	Panasonic WV-SF481	4K	P	180 Deg.	12 FPS	16' AG	POE	
CA-04	T1.01	Panasonic WV-SF481	4K	P	180 Deg.	12 FPS	16' AG	POE	
CA-05	T1.01	Panasonic WV-SF481	4K	P	180 Deg.	12 FPS	16' AG	POE	
CA-06	T1.01	Panasonic WV-SF481	4K	P	360 Deg.	12 FPS	16' AG	POE	
CA-06A	T1.01	Inex IZA500	1.2mp/2mp	P	Target	N/A	14' AG	24VDC	License Plate Reader
CA-07	T1.01	Panasonic WV-SF481	4K	P	360 Deg.	12 FPS	16' AG	POE	
CA-08	T1.01	Panasonic WV-SF481	4K	P	360 Deg.	12 FPS	16' AG	POE	
CA-09	T1.01	Panasonic WV-SF481	4K	P	360 Deg.	12 FPS	16' AG	POE	
CA-09A	T1.01	Inex IZA500	1.2mp/2mp	P	Target	N/A	14' AG	24VDC	License Plate Reader
CA-10	T1.01	Panasonic WV-SF481	4K	P	180 Deg.	12 FPS	16' AG	POE	
CA-11	T1.01	Panasonic WV-SF481	4K	P	180 Deg.	12 FPS	16' AG	POE	
CA-12	T1.01	Panasonic WV-SF481	4K	P	180 Deg.	12 FPS	16' AG	POE	
CA-13	T1.01	Panasonic WV-SF481	4K	P	360 Deg.	12 FPS	16' AG	POE	
CA-13A	T1.01	Inex IZA500	1.2mp/2mp	P	Target	N/A	14' AG	24VDC	License Plate Reader
CA-14	T1.01	Panasonic WV-SF481	4K	P	360 Deg.	12 FPS	16' AG	POE	
CA-14A	T1.01	Inex IZA500	1.2mp/2mp	P	Target	N/A	14' AG	24VDC	License Plate Reader
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1 CAMERA SYSTEM SINGLE LINE DIAGRAM

NO SCALE

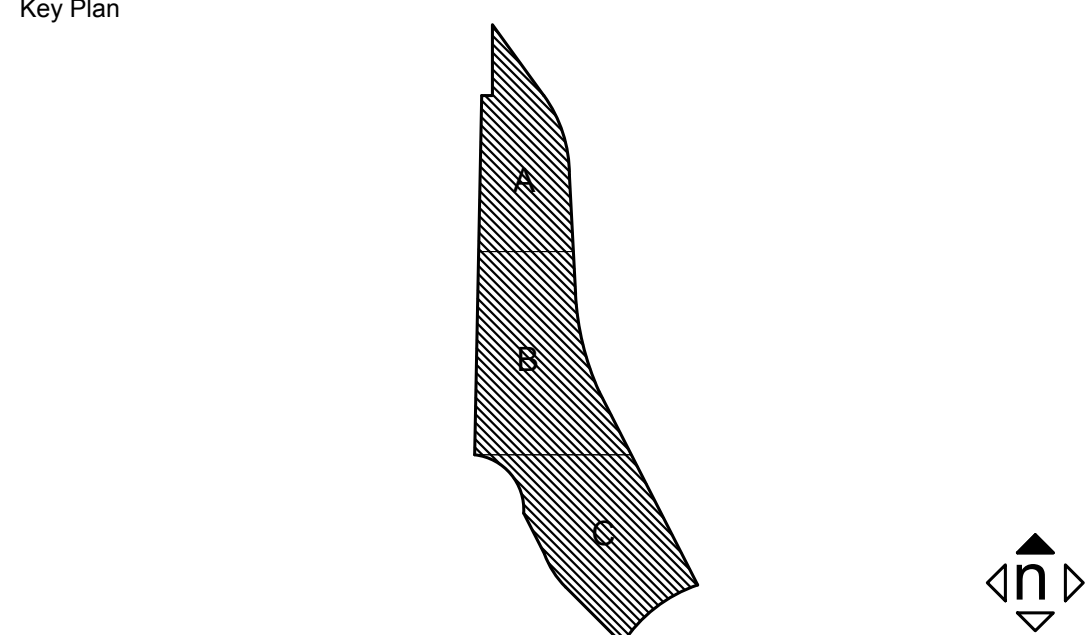




**KEYNOTES**

NO.	Note - Detail
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**NOTES**



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DATE

Project Title

Palomar North Education Center - Interim Village

**Palomar College**

35090 Horse Ranch Creek Road

Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title

**Details**

Architect's Seal

Designed: ER

Project No. 5015019-102

Drawn: ER

Scale: Not To Scale

QA/QC: JQ

Drawing No. **T5.01**

Date: 10/06/2017

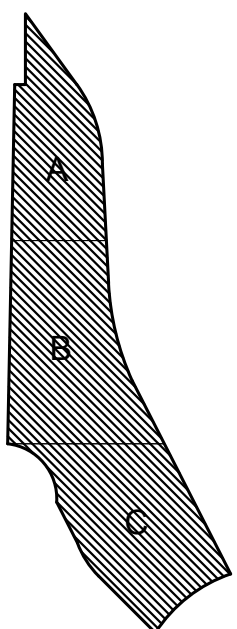


KEYNOTES

NO. Note - Detail

NOTES

Key Plan



Consultant Seal

Agency Approval  
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DIV. OF THE STATE ARCHITECT  
APPL. 04-116580  
ACS. FLS. SSS. DATE

Project Title



Palomar North Education Center - Interim Village  
Palomar College  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

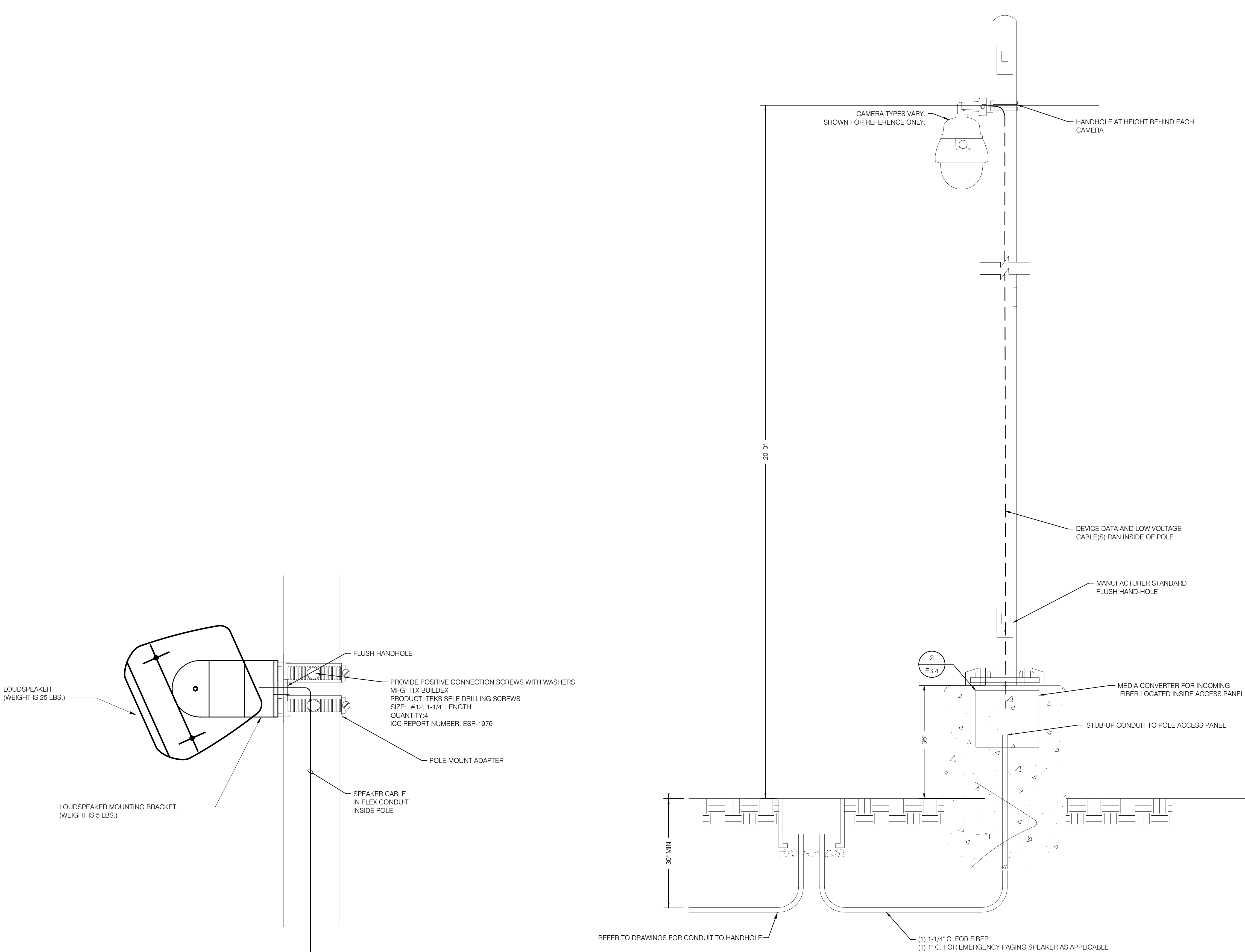
Drawing Title

Details

Architect's Seal



Designed: ER Project No. 5015019-102  
Drawn: ER Scale: Not To Scale  
QAQC: JQ Drawing No.  
Date: 10/06/2017 T5.02



2 SPEAKER, POLE MOUNTED  
NO SCALE

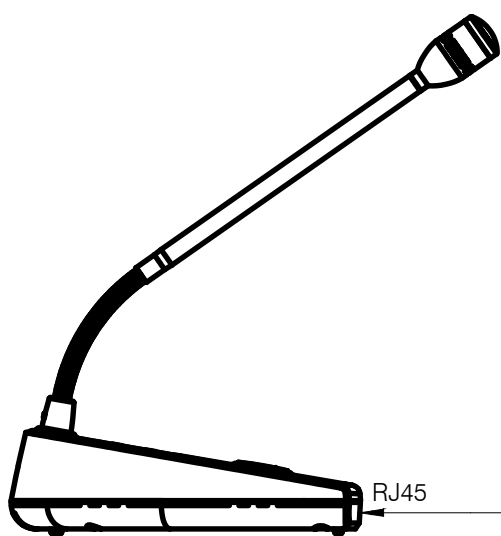
1 POLE MOUNTED CAMERA CONDUIT  
NO SCALE



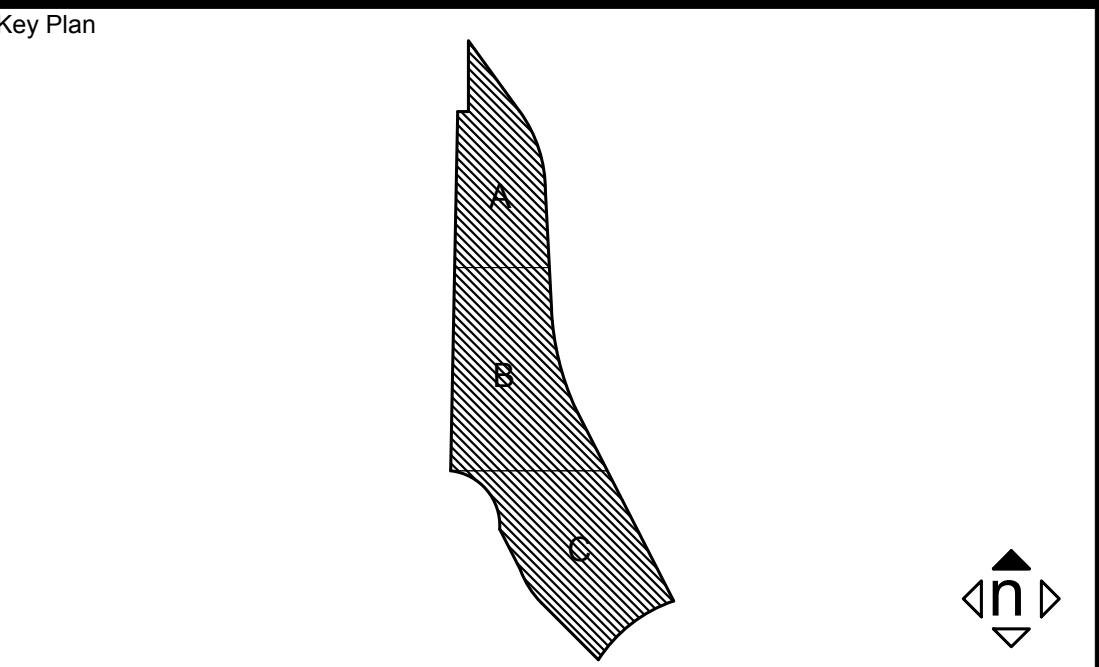
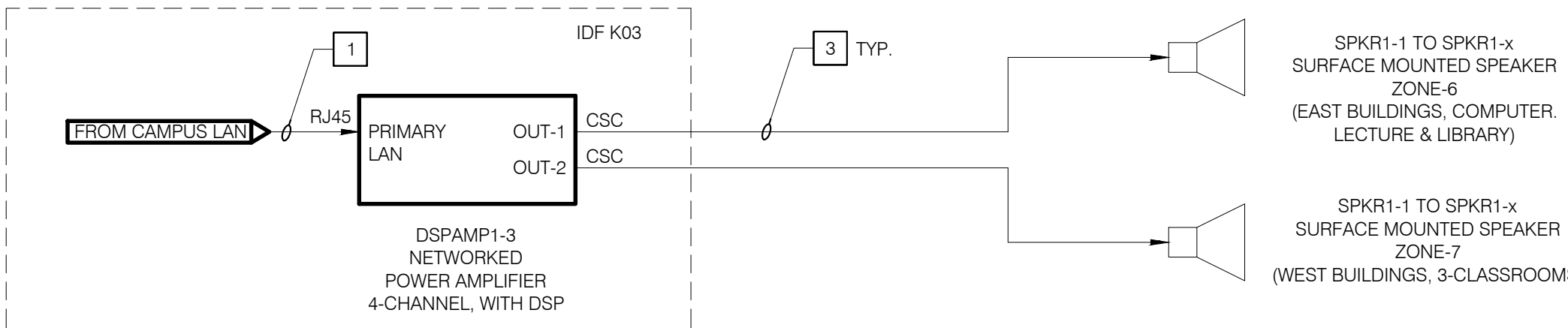
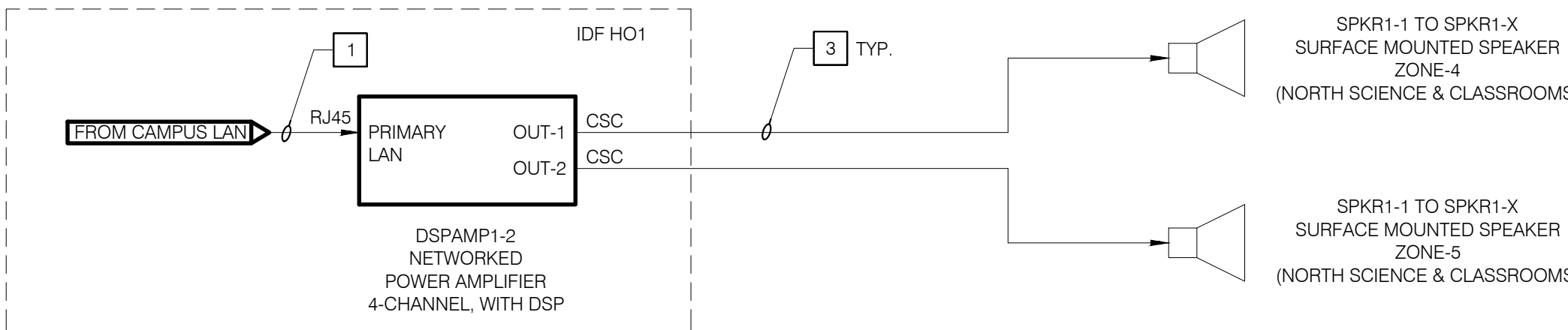
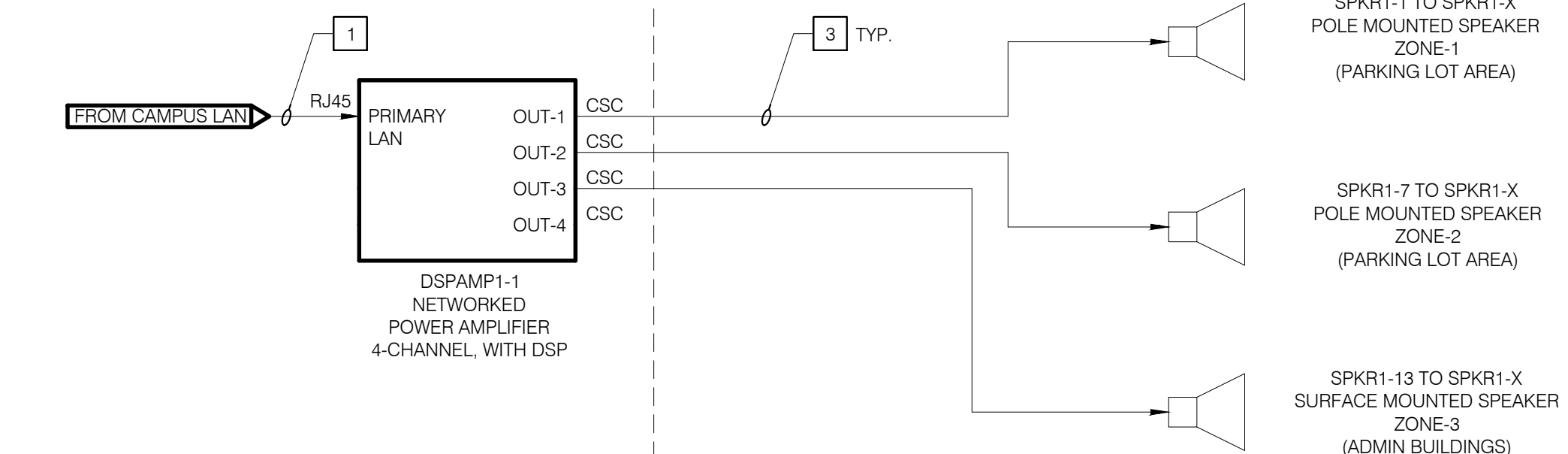
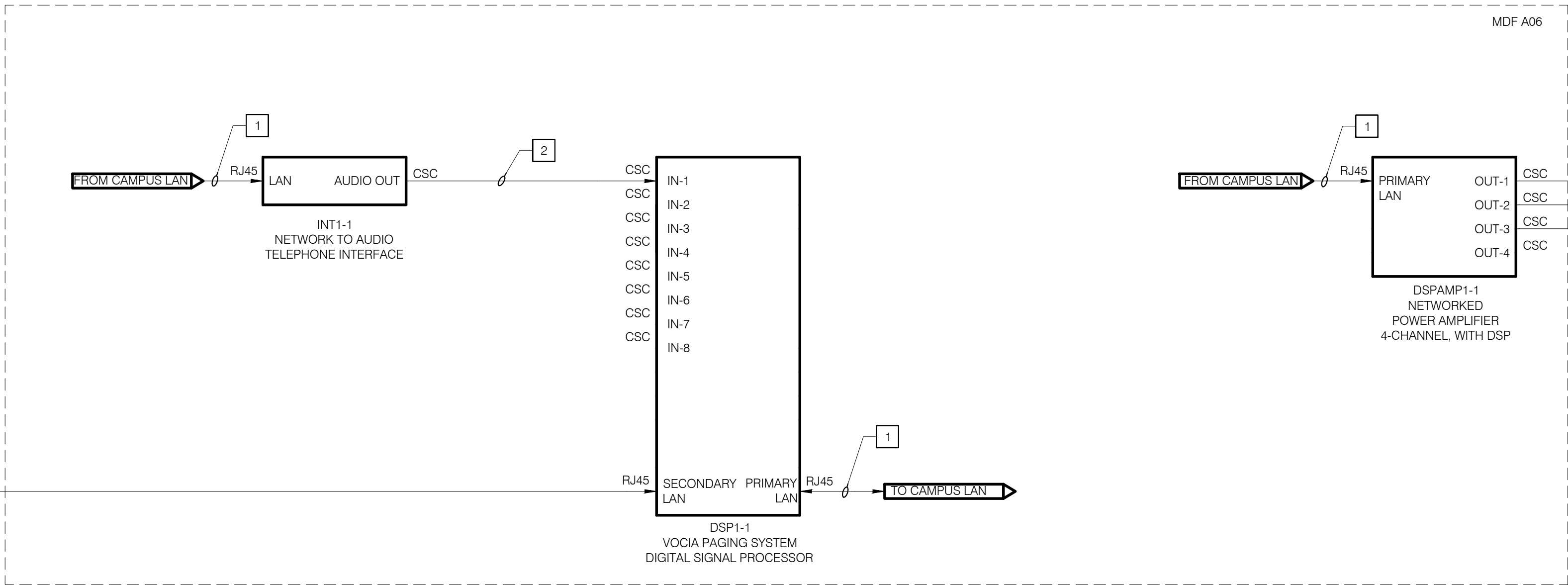
KEYNOTES

NO.	Note - Detail
1	CABLE, CAT-6A.
2	CABLE, AUDIO, 2-22, 22-GAUGE, SHIELDED TWISTED PAIR, PLENUM RATED.
3	CABLE, SPEAKER, 16 AWG, PAIR, NON SHIELDED OSP

NOTES



MIC1-1  
NETWORK PAGING DESK  
MICROPHONE STATION  
RECEPTION DESK



Consultant Seal	Agency Approval	FILE NO. 37-C1
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	DATE	

Project Title  
**Palomar College**  
35090 Horse Ranch Creek Road  
Fallbrook, CA 92028

No.	Description	Date
1	DSA SUBMITTAL - PHASE II	10/06/2017

Drawing Title:  
**AUDIOVISUAL SYSTEM DIAGRAM  
PAGING SYSTEM**

Architect's Seal	Designed: ST	Project No. 5015019-102
	Drawn: ST	Scale: N.T.S.
	QAQC: ER	Drawing No. TAV4.01
	Date: 10/06/2017	