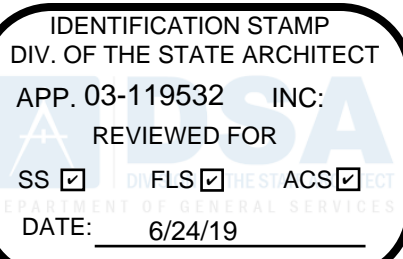


# FILLMORE HIGH SCHOOL - CTE BUILDING

## CONSTRUCTION DOCUMENTS

555 CENTRAL AVE.  
FILLMORE, CALIFORNIA 93015



**WESTGROUP  
DESIGNS**  
ARCHITECTURE | PLANNING | INTERIOR DESIGN  
19520 Jamboree Road | Suite 100  
Irvine | California | 92612  
949.250.0880 | FAX 949.250.0882  
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IRVINE - CA 92618  
949.387.1323  
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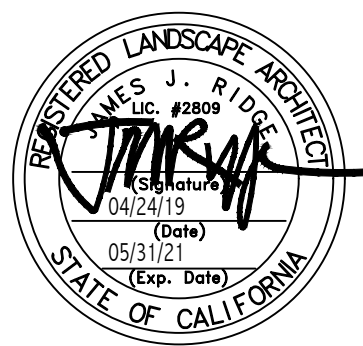
FILLMORE HIGH SCHOOL - NEW CTE BUILDINGS

FILLMORE UNIFIED SCHOOL DISTRICT  
555 Central Ave. Fillmore, CA. 93015

ISSUED FOR:	DATE
SCHEMATIC DESIGN	11/16/2017
DESIGN DEVELOPMENT	09/21/2018
CONSTRUCTION DOCUMENTS	12/07/2018
30% CD	11/09/2018
60% CD	12/10/2018
95% SUBMITTAL	12/20/2018
DSA BACKCHECK	5/08/2019

REVISIONS:

NO.	DESCRIPTION	DATE



REGISTRATION/SIGNATURE:

SHEET TITLE:  
LANDSCAPE COVER SHEET

SHEET NUMBER:  
**L0.0**

WD PROJ #	DRAWN BY:	CHECKED	DATE
18413	RLA	RLA	5/08/2019

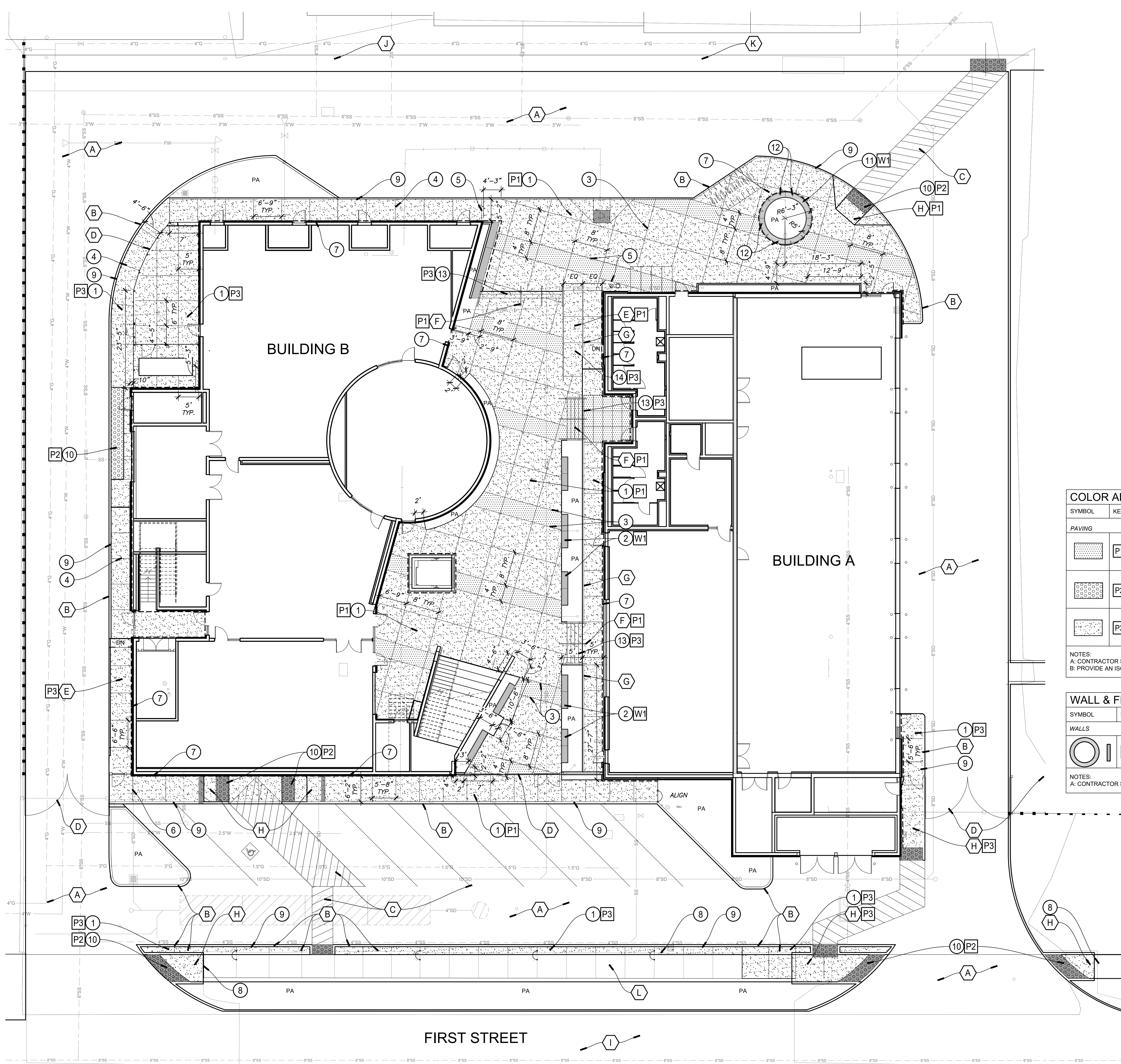
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GENERAL NOTES	ABBREVIATIONS	VICINITY MAP	CLIENT																																																																
<ol style="list-style-type: none"> <li>1. VISIT SITE PRIOR TO SUBMITTING BIDS.</li> <li>2. VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS BEFORE PROCEEDING WITH THE WORK. NOTIFY LANDSCAPE ARCHITECT IMMEDIATELY SHOULD FIELD CONDITIONS VARY FROM THOSE SHOWN ON PLANS.</li> <li>3. DO NOT SCALE DRAWINGS.</li> <li>4. ALL WORK CONSTRUCTION AND MATERIALS SHALL COMPLY WITH ALL PROVISIONS OF THE LATEST BUILDING CODE AND WITH OTHER RULES, REGULATIONS AND ORDINANCES GOVERNING THE LOCATION OF THE WORK. BUILDING CODE REQUIREMENTS TAKE PRECEDENCE OVER THE DRAWINGS AND IT SHALL BE THE RESPONSIBILITY OF ANYONE SUPPLYING LABOR OR MATERIALS OR BOTH TO BRING TO THE ATTENTION OF THE LANDSCAPE ARCHITECT ANY DISCREPANCIES OR CONFLICT BETWEEN THE REQUIREMENTS OF THE CODE AND THE DRAWINGS.</li> <li>5. REFERENCE TO ANY DETAIL OR DRAWING IS FOR CONVENIENCE ONLY AND DOES NOT LIMIT THE APPLICATION OF SUCH DETAIL OR DRAWINGS.</li> <li>6. DISCREPANCIES IN THE DRAWINGS OR BETWEEN THE DRAWINGS AND ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT. CORRECTED DRAWINGS OR INSTRUCTIONS SHALL BE ISSUED PRIOR TO THE CONTINUATION OF THIS WORK. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ALL NECESSARY CORRECTIONS DUE TO FAILURE TO REPORT KNOWN DISCREPANCIES.</li> <li>7. GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL WORK SHOWN ON THESE DRAWINGS AND SPECIFICATIONS UNLESS SPECIFICALLY NOTED OTHERWISE.</li> <li>8. THE CONTRACT DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE UNLESS OTHERWISE SHOWN; THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND HE SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES. OBSERVATION VISITS TO THE SITE BY FIELD REPRESENTATIVES OF THE LANDSCAPE ARCHITECT SHALL NOT INCLUDE INSPECTIONS OF THE PROTECTIVE MEASURES OR THE CONSTRUCTION PROCEDURES REQUIRED FOR SAME, WHICH ARE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR. ANY SUPPORT SERVICES PERFORMED BY THE LANDSCAPE ARCHITECT DURING CONSTRUCTION SHALL BE DISTINGUISHED FROM CONTINUOUS AND DETAILED INSPECTION SERVICES WHICH ARE FURNISHED BY OTHERS. THESE SUPPORT SERVICES PERFORMED BY THE LANDSCAPE ARCHITECT, WHETHER OF MATERIAL OR WORK, AND WHETHER PERFORMED BEFORE, DURING OR AFTER COMPLETION OF CONSTRUCTION ARE PERFORMED SOLELY FOR THE PURPOSE OF ASSISTING IN QUALITY CONTROL AND IN ACHIEVING CONFORMANCE WITH CONTRACT DRAWINGS AND SPECIFICATIONS, BUT THEY DO NOT GUARANTEE GENERAL CONTRACTOR'S PERFORMANCE AND SHALL NOT BE CONSTRUED AS SUPERVISION OF CONSTRUCTION.</li> <li>9. A PROTECTION FENCE SHALL BE CONSTRUCTED AND MAINTAINED DURING CONSTRUCTION CONFORMING TO THE REQUIREMENTS OF THE BUILDING CODE.</li> <li>10. MAINTAIN SANITARY TOILET FACILITIES DURING CONSTRUCTION AS REQUIRED BY APPLICABLE REGULATIONS.</li> <li>11. THE GENERAL CONTRACTOR WARRANTS TO THE OWNER AND THE LANDSCAPE ARCHITECT THAT ALL MATERIALS AND EQUIPMENT FURNISHED WILL BE NEW UNLESS OTHERWISE SPECIFIED AND THAT ALL WORK WILL BE OF GOOD QUALITY, FREE FROM FAULTS AND DEFECTS.</li> <li>12. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK AND/OR EQUIPMENT SUPPLIED BY THE OWNER.</li> <li>13. PROVIDE FACILITIES FOR THE PHYSICALLY HANDICAPPED IN ACCORDANCE WITH C.A.C. TITLE 24 AND AS REQUIRED BY THE LATEST VERSION OF THE CALIFORNIA BUILDING CODE.</li> <li>14. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO LOCATE ALL EXISTING UTILITIES WHETHER SHOWN HEREON OR NOT AND TO PROTECT THEM FROM DAMAGE. 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RIDGE, LANDSCAPE ARCHITECT      RLA #2809      12-07-2018      DATE     </p>	SHEET NO.	DESCRIPTION	SCALE	L0.0	LANDSCAPE COVER SHEET	---	L1.1	HARDSCAPE PLAN	1:10	L2.1	HARDSCAPE DETAILS	AS SHOWN	L3.0	IRRIGATION LEGENDS & CALCULATIONS	---	L3.1	IRRIGATION PLAN	1:10	L4.1	IRRIGATION NOTES	---	L5.1 - L5.2	IRRIGATION DETAILS	AS SHOWN	L6.1	PLANTING PLAN	1:10	L7.1	PLANTING DETAILS	AS SHOWN
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**UNDERGROUND SERVICE ALERT**  
CALL: TOLL FREE  
**811**  
TWO WORKING DAYS BEFORE YOU DIG

SECTION 4216/4217 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID. FOR YOUR DIG ALERT IDENTIFICATION NUMBER CALL UNDERGROUND SERVICE ALERT.

NOT FOR CONSTRUCTION



**HARDSCAPE KEYNOTES**

SYMBOL	DESCRIPTION	DETAIL REF.
①	CONSTRUCT PEDESTRIAN RATED CONCRETE PAVING	A, L2.1
②	CONSTRUCT LOW CONCRETE SEAT WALL	B, L2.1
③	CONSTRUCT SAWCUT CONTRACTION JOINT	C, L2.1
④	CONSTRUCT TOOLED CONTRACTION JOINT	C, L2.1
⑤	CONSTRUCT CONSTRUCTION JOINT (SAWCUT)	C, L2.1
⑥	CONSTRUCT CONSTRUCTION JOINT (TOOLED)	C, L2.1
⑦	CONSTRUCT ISOLATION JOINT AT ALL VERTICAL SURFACES	C, L2.1
⑧	CONSTRUCT NEW TO EXISTING CONCRETE PAVING	C, L2.1
⑨	CONSTRUCT CONCRETE PAVING TO CURB CONNECTION	D, L2.1
⑩	FURNISH AND INSTALL PRECAST CONCRETE DETECTABLE WARNING PAVERS	E, L2.1
⑪	CONSTRUCT LOW CONCRETE PLANTER / SEAT WALL	F, L2.1
⑫	CONSTRUCT SKATE STOPPER	G, L2.1
⑬	CONSTRUCT CONCRETE STAIRS	I, L2.1
⑭	CONSTRUCT RAMP	H, L2.1

THE FOLLOWING ITEMS ARE FOR REFERENCE ONLY:

SYMBOL	DESCRIPTION
A	A.C. PAVING PER CIVIL ENGINEER'S PLANS.
B	CONCRETE CURB PER CIVIL ENGINEER'S PLANS.
C	PAVEMENT STRIPING PER CIVIL ENGINEER'S PLANS.
D	FENCING AND GATES PER ARCHITECT'S PLAN.
E	HANDRAILS PER ARCHITECT'S PLANS.
F	HANDRAILS PER ARCHITECT'S PLANS.
G	WALL PER ARCHITECT'S PLAN.
H	ACCESSIBLE CURB RAMP PER CIVIL ENGINEER'S PLANS.
I	EXISTING ASPHALT PAVING TO REMAIN.
J	EXISTING CURB TO REMAIN.
K	EXISTING WALL TO REMAIN.
L	EXISTING CONCRETE PAVING.

**COLOR AND FINISH SCHEDULE**

SYMBOL	KEY	DESCRIPTION	MANUFACTURER	MODEL	COLOR	FINISH	COMMENTS
PAVING	P1	CONCRETE PAVING TYPE 1	--	--	NATURAL GRAY	SLIP RESISTANT SMOOTH TROWEL FINISH	JOINTS: SAWCUT CONTRACTION, DOWELED CONSTRUCTION JOINT (SAWCUT)
	P2	PRECAST DETECTABLE WARNING PAVERS	ACKERSTONE (951) 674-0047	PALAZZO 12"X12" FM PTD-607	FEDERAL YELLOW	STANDARD FACE MIX FINISH	SEAL PAVERS AND GROUT WITH MANUFACTURER RECOMMENDED SEALER
	P3	CONCRETE PAVING TYPE 3	--	--	NATURAL GRAY	MEDIUM BROOM PERPENDICULAR TO WALK EDGE	JOINTS: TOOLED CONTRACTION, DOWELED CONSTRUCTION JOINT (TOOLED)

NOTES:  
 A. CONTRACTOR SHALL PREPARE MOCK-UPS FOR PAVING. SEE 'MOCK-UP REQUIREMENTS'.  
 B. PROVIDE AN ISOLATION JOINT WHERE PAVING ABUTS VERTICAL SURFACES SUCH AS BUILDINGS, WALLS, STEPS, ETC.

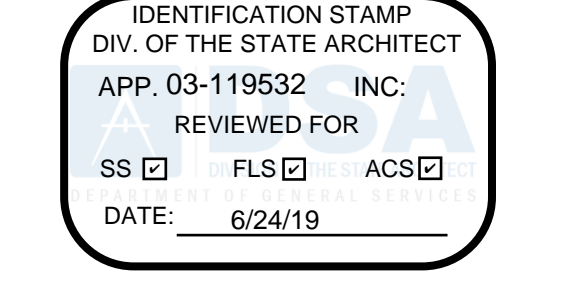
**WALL & FENCE SCHEDULE**

SYMBOL	KEY	DESCRIPTION	MANUFACTURER	COLOR	FINISH	COMMENTS
WALLS	W1	WALL TYPE 1	--	NATURAL GRAY	SMOOTH TROWEL FINISH	SAWCUT CONTRACTION JOINTS PER PLAN

NOTES:  
 A. CONTRACTOR SHALL PREPARE MOCK-UPS FOR WALLS. SEE 'MOCK-UP REQUIREMENTS'.

**SYMBOL LEGEND**

SYMBOL	DESCRIPTION	DETAIL
----	EXPANSION JOINT	B, L2.1
---	CONTRACTION JOINT	B, L2.1
PA	PLANTING AREA	--
- - - -	LIMIT OF WORK	--
-w-	DOMESTIC WATER LINE	PER CIVIL
-f-	FIRE WATER LINE	PER CIVIL
-s-	SEWER LINE	PER CIVIL
----	PROPERTY LINE	--



**WD**  
 WESTGROUP  
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 ARCHITECTURE | PLANNING | INTERIOR DESIGN  
 19520 Jamboree Road | Suite 100  
 Irvine | California | 92612  
 949.250.0880 | FAX 949.250.0882  
 www.westgroupdesigns.com

**RIA**  
 8841 RESEARCH DR  
 SUITE 200  
 IRVINE - CA 92618  
 949.387.1323  
 RIDGELA.COM

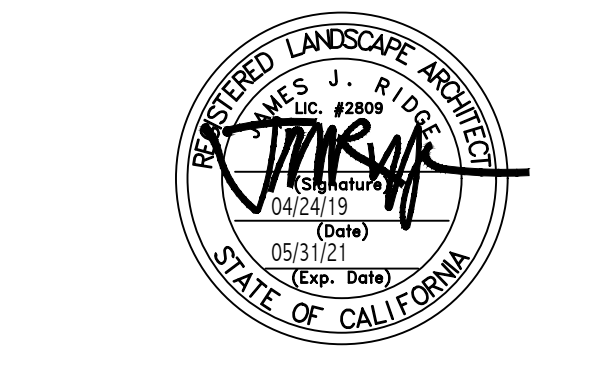
**FILLMORE HIGH SCHOOL - NEW CTE BUILDINGS**

**FILLMORE UNIFIED SCHOOL DISTRICT**  
 555 Central Ave. Fillmore, CA. 93015

ISSUED FOR:

SCHEMATIC DESIGN	11/16/2017
DESIGN DEVELOPMENT	09/21/2018
CONSTRUCTION DOCUMENTS	12/07/2018
50% CD	11/09/2018
85% CD	12/10/2018
DSA SUBMITTAL	12/20/2018
DSA BACKCHECK	5/08/2019

REVISIONS:



REGISTRATION/SIGNATURE:

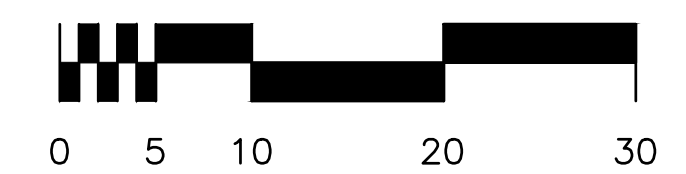
SHEET TITLE:  
 HARDSCAPE PLAN

SHEET NUMBER:  
**L1.1**

WD PROJ.# 18413 DRAWN BY: RLA CHECKED BY: RLA DATE: 5/08/2019

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FOR HARDSCAPE DETAILS - SEE SHEET L2.1  
 FOR LANDSCAPE SPECIFICATIONS - SEE BOOK SPECS



NOT FOR CONSTRUCTION

IDENTIFICATION STAMP  
 DIV. OF THE STATE ARCHITECT  
 APP. 03-119532 INC.  
 REVIEWED FOR  
 SS  FLS  ACS   
 DATE: 6/24/19



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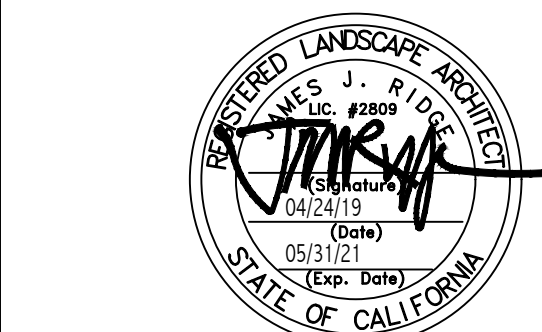
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FILLMORE HIGH  
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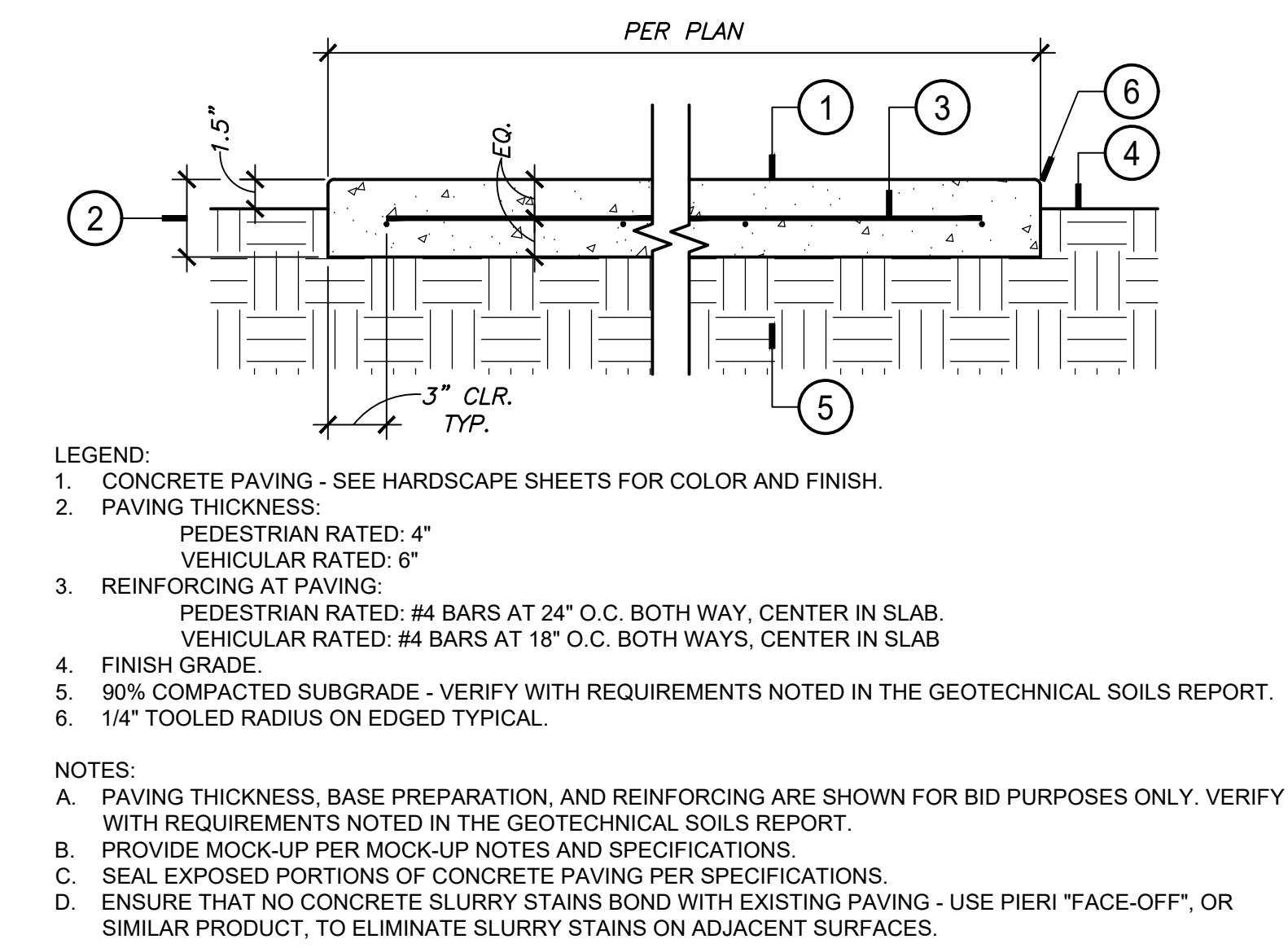
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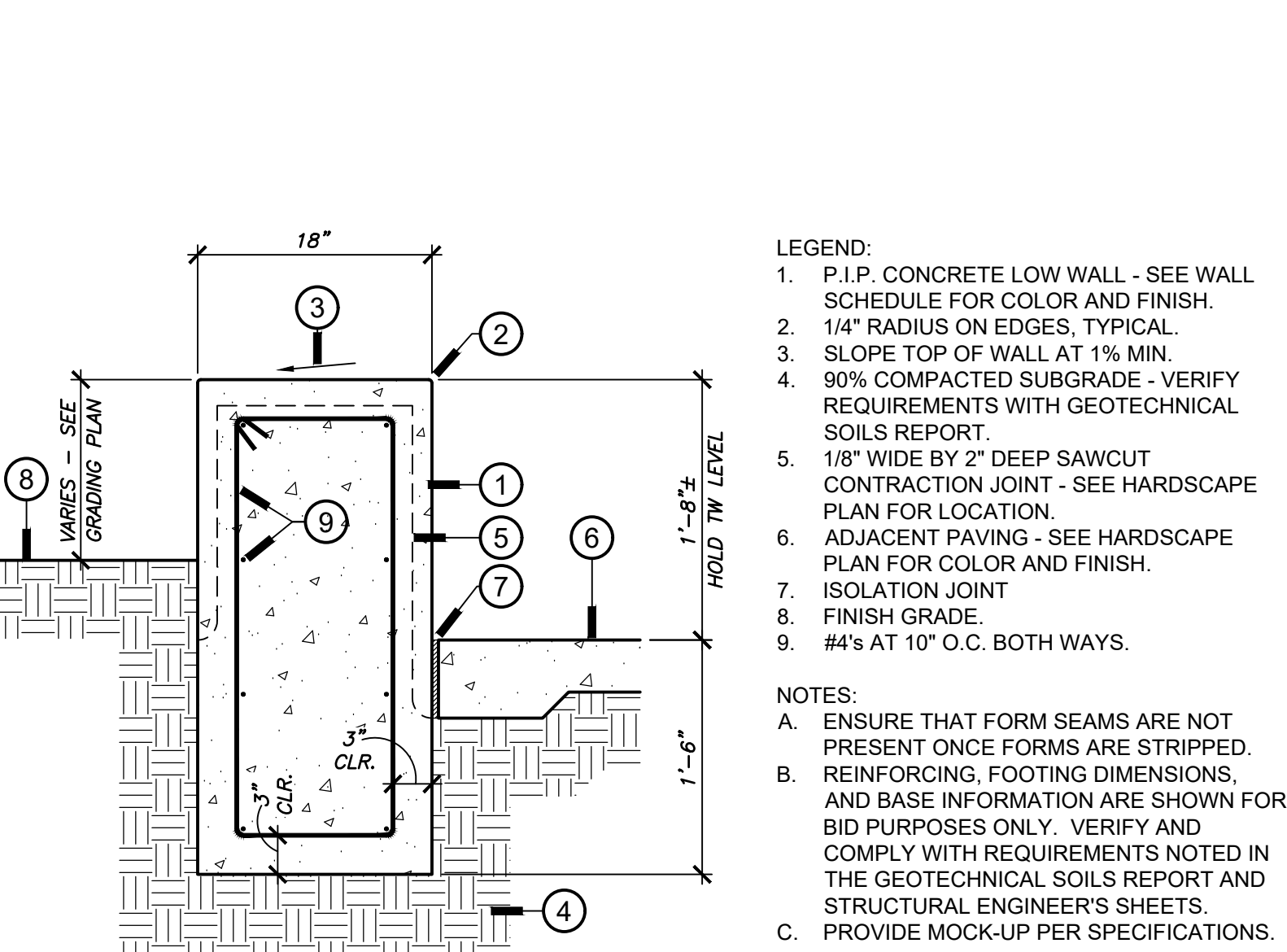
L2.1

WD PROJ #	DRAWN BY	CHECKED	DATE
18413	RLA	RLA	5/08/2019

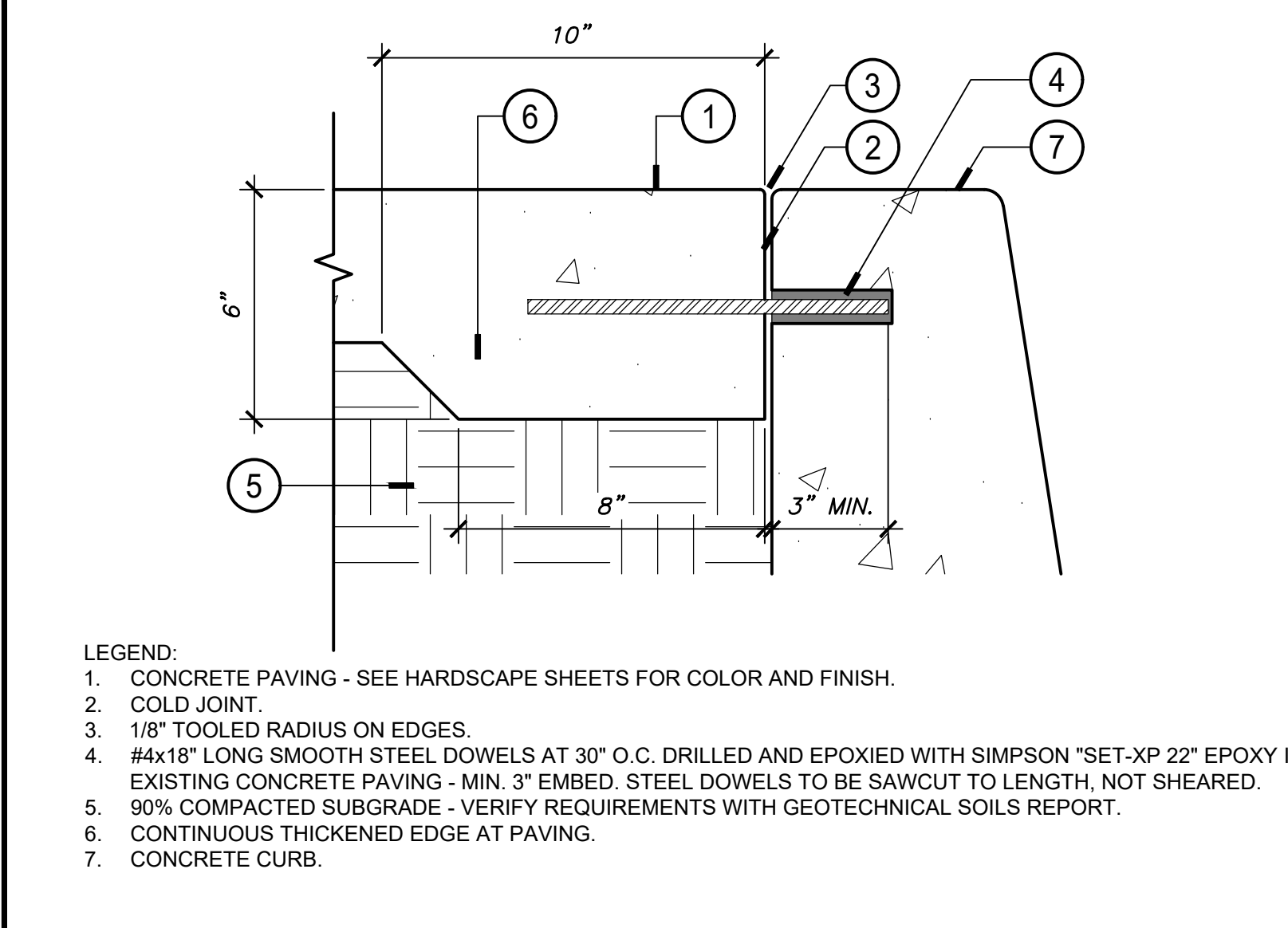
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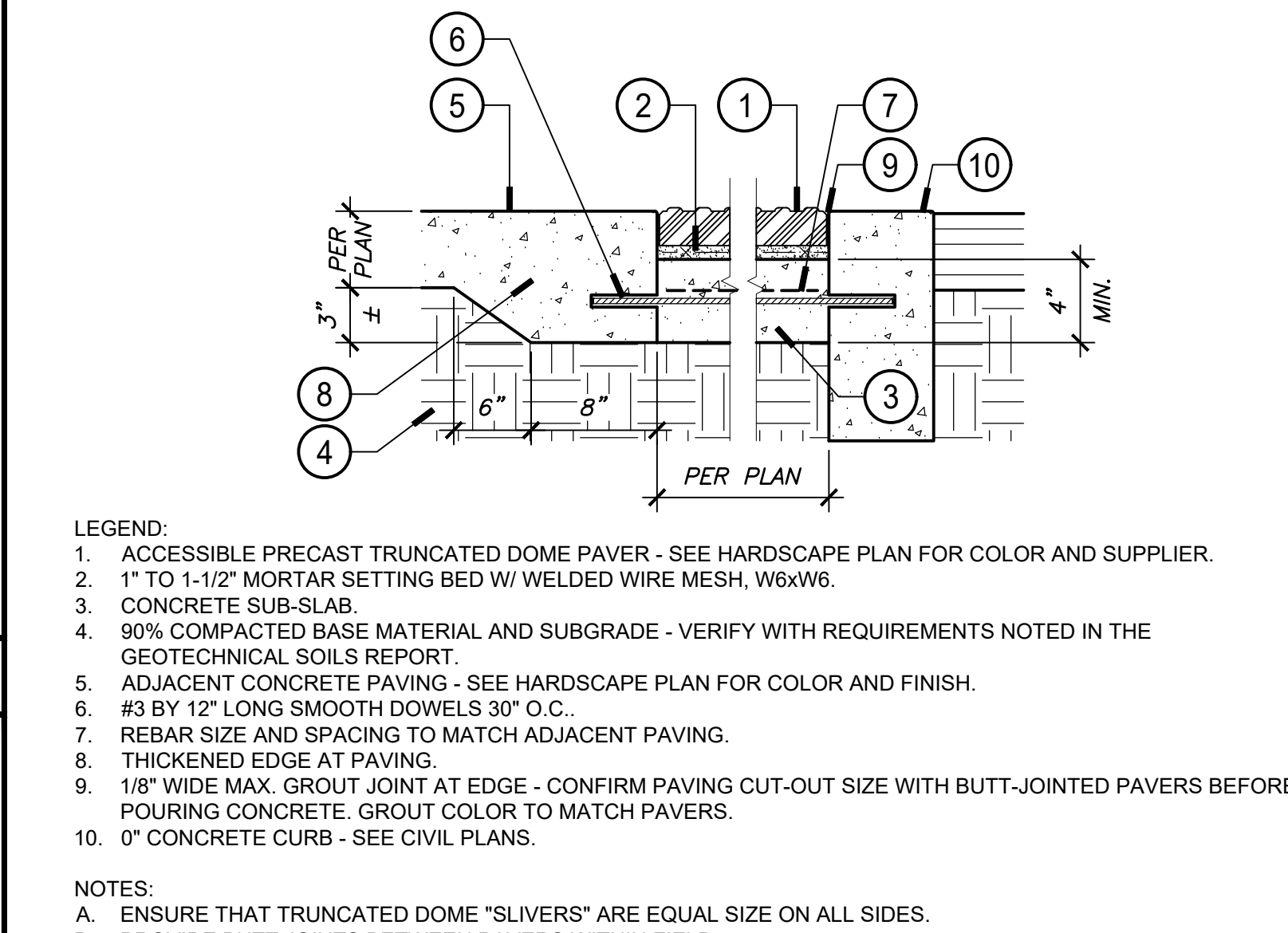
(A) CONCRETE PAVING SCALE: 1-1/2" = 1'-0"



(B) LOW CONCRETE SEAT WALL SCALE: 1-1/2" = 1'-0"

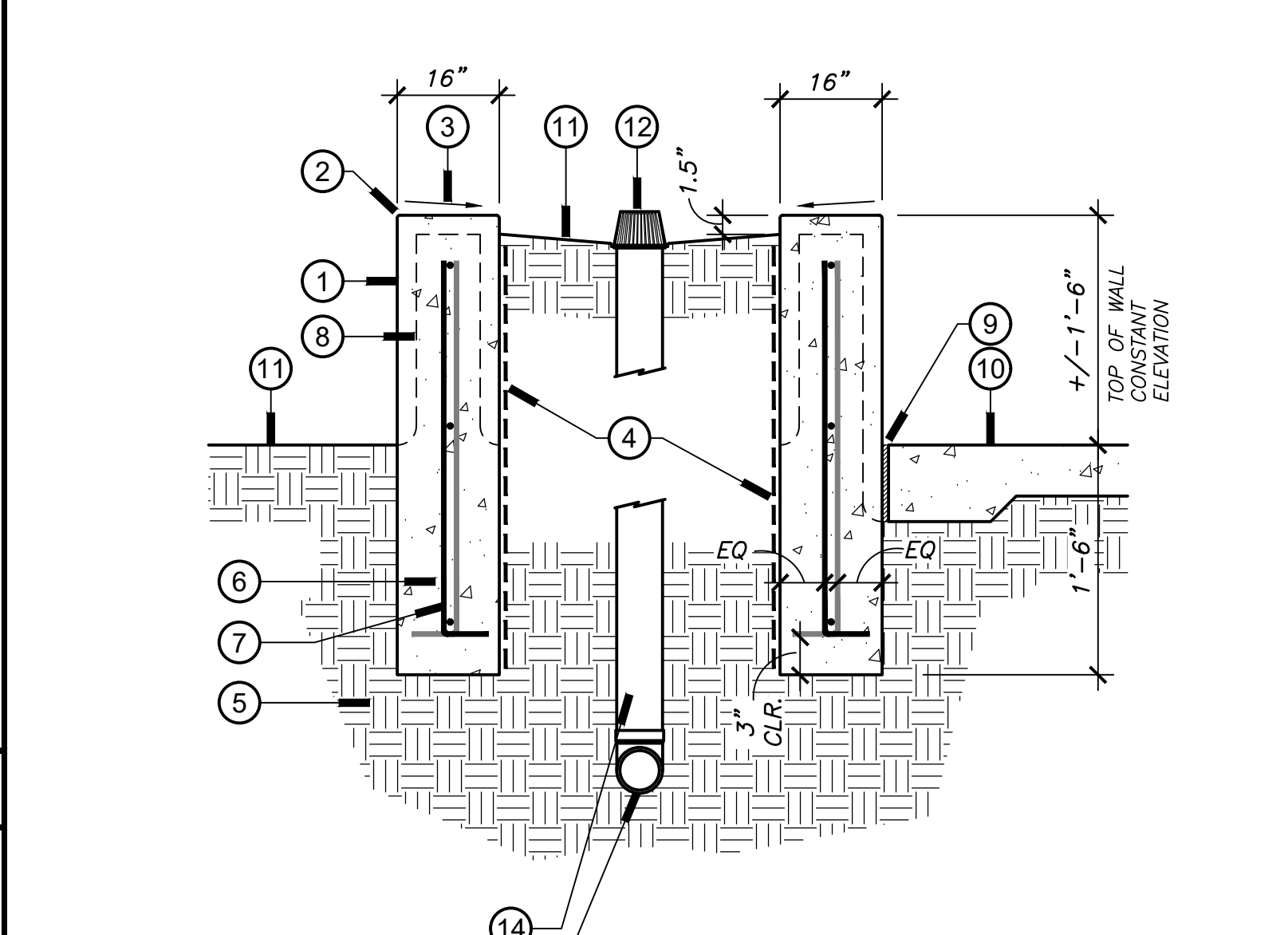


(D) CONCRETE PAVING TO CURB CONNECTION SCALE: 3" = 1'-0"



(F) LOW CONCRETE PLANTER / SEAT WALL SCALE: 1" = 1'-0"

(E) TRUNCATED DOME PAVERS SCALE: 1-1/2" = 1'-0"



(C) CONCRETE PAVING JOINTS SCALE: 1-1/2" = 1'-0"

### PRODUCT DETAILS

## G 012-SS

'G' Series - Surface Mount Stainless Steel

1547 N. Cuyamaca, El Cajon, CA 92020  
 Tel 619-447-6374 Fax 619-447-6396  
 www.skatestoppers.com

**Description:** This 316 Stainless Steel is designed for walls from 0" - 3/8" radius edge. G 012-SS is most commonly used on granite, marble, stone, block, brick, or other surfaces with a hard cover. This part uses two concealed G PIN anchors.

**Material:** 316 Stainless Steel

**Standard Finish:** Brushed

**Corner Radius:** For square corner from 0" - 3/8" radius.

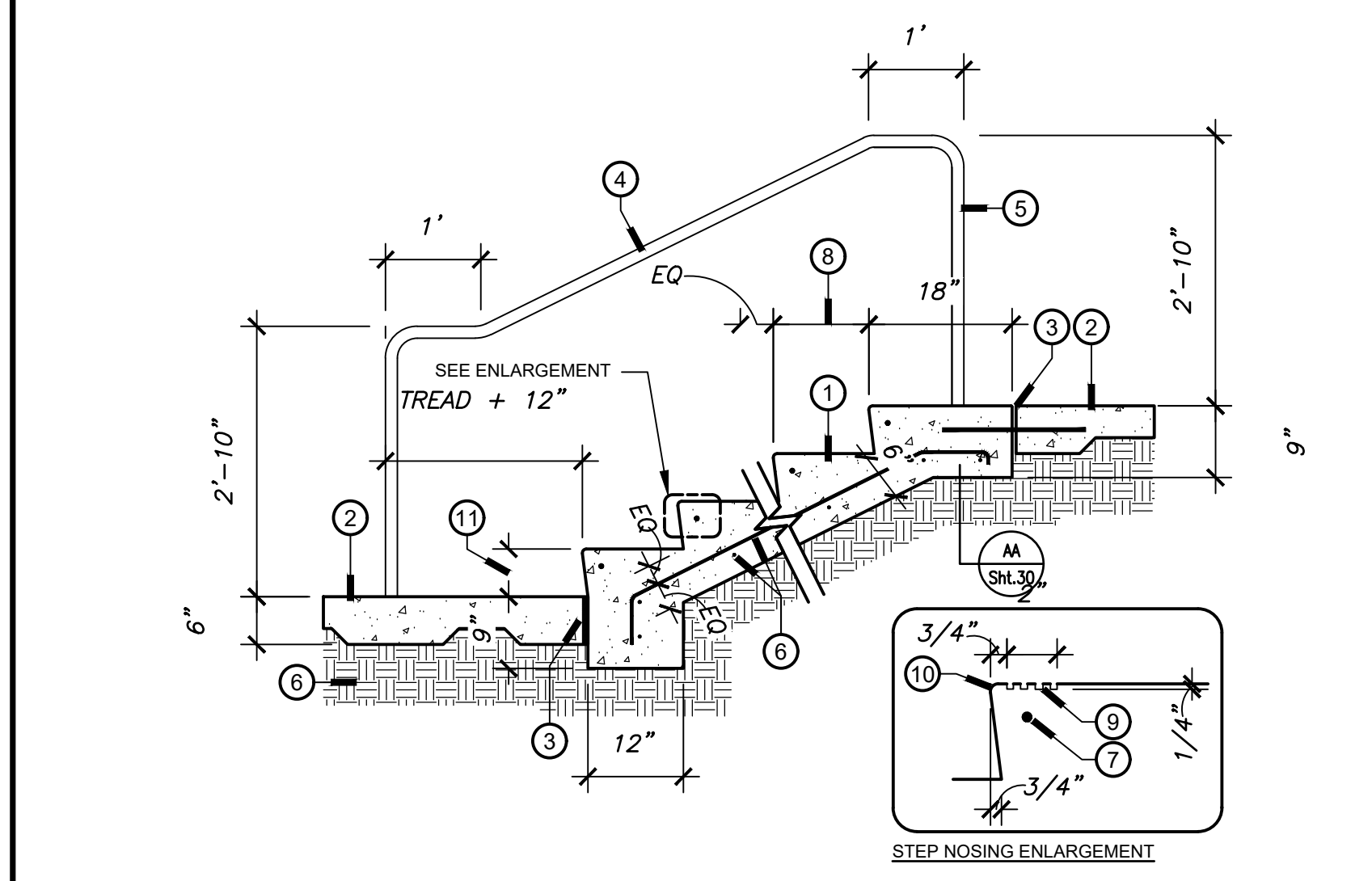
**Outside Dimensions:** 1-1/8" (wide) x 8" (deep) x 1" (tall)

**Anchoring:** Anchored with two blind G PINS anchor pins. Use anchors in conjunction with two-part epoxy.

**Product Spacing:** 18"-24" from end of planters/walls and approximately 36" centers (not to exceed 48"). Do not apply product at grout joint. For applications with grout joints, layout should be symmetric but part locations must be safe drilling distance from joint (min 4").

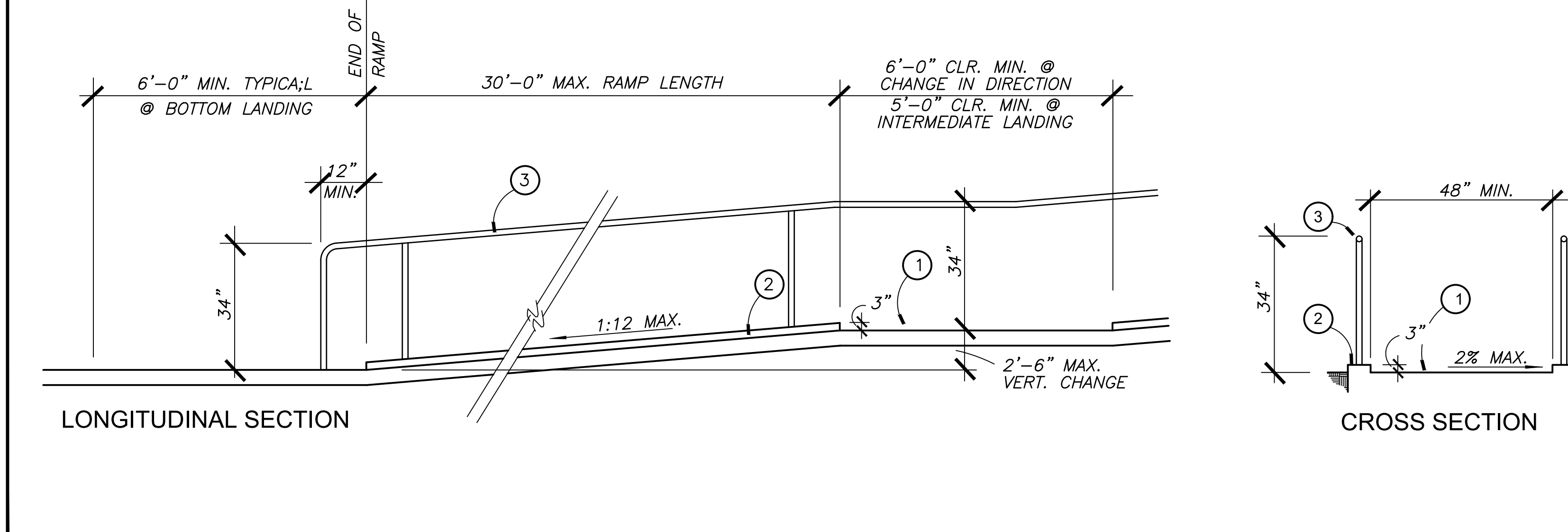
(G) SKATE STOPPER SCALE: N.T.S

- LEGEND:
- 4" THICK CONCRETE RAMP, MEDIUM BROOM FINISH, NATURAL COLOR
  - 3" HIGH X 6" WIDE CONCRETE WHEEL GUIDES
  - TUBULAR STEEL HANDRAIL SEE ARCHITECT PLANS



- LEGEND:
- P.I.P. CONCRETE STEPS - SEE HARDSCAPE SHEETS FOR COLOR AND FINISH.
  - ADJACENT CONCRETE PAVING - SEE HARDSCAPE SHEETS FOR COLOR AND FINISH.
  - ISOLATION JOINT.
  - TUBE STEEL HANDRAIL - SEE ARCHITECT SHEET 7-2.1-B
  - STEEL POSTS, PRIME AND PAINT TO MATCH HANDRAIL, REFER TO ARCHITECT SHEET 7-2.1-B.
  - #3 REBAR 18" O.C. BOTH WAYS.
  - #5 CONTINUOUS NOSING BARS.
  - 12" WIDE TREAD, TYP.
  - PROVIDE 10" WIDE TREAD AT FRONT ENTRY STEPS.
  - TOOLED STEP NOSING APPLY TEXTURED BLACK ANTI-SLIP EPOXY PAINT TO TOPS, SIDES, AND BOTTOM OF GROOVES ONLY.
  - 2" RADIUS.
  - 4" MINIMUM 7" MAXIMUM - SEE CIVIL SHEETS. RISERS TO BE EQUAL.
  - DOWELED CONSTRUCTION JOINT.

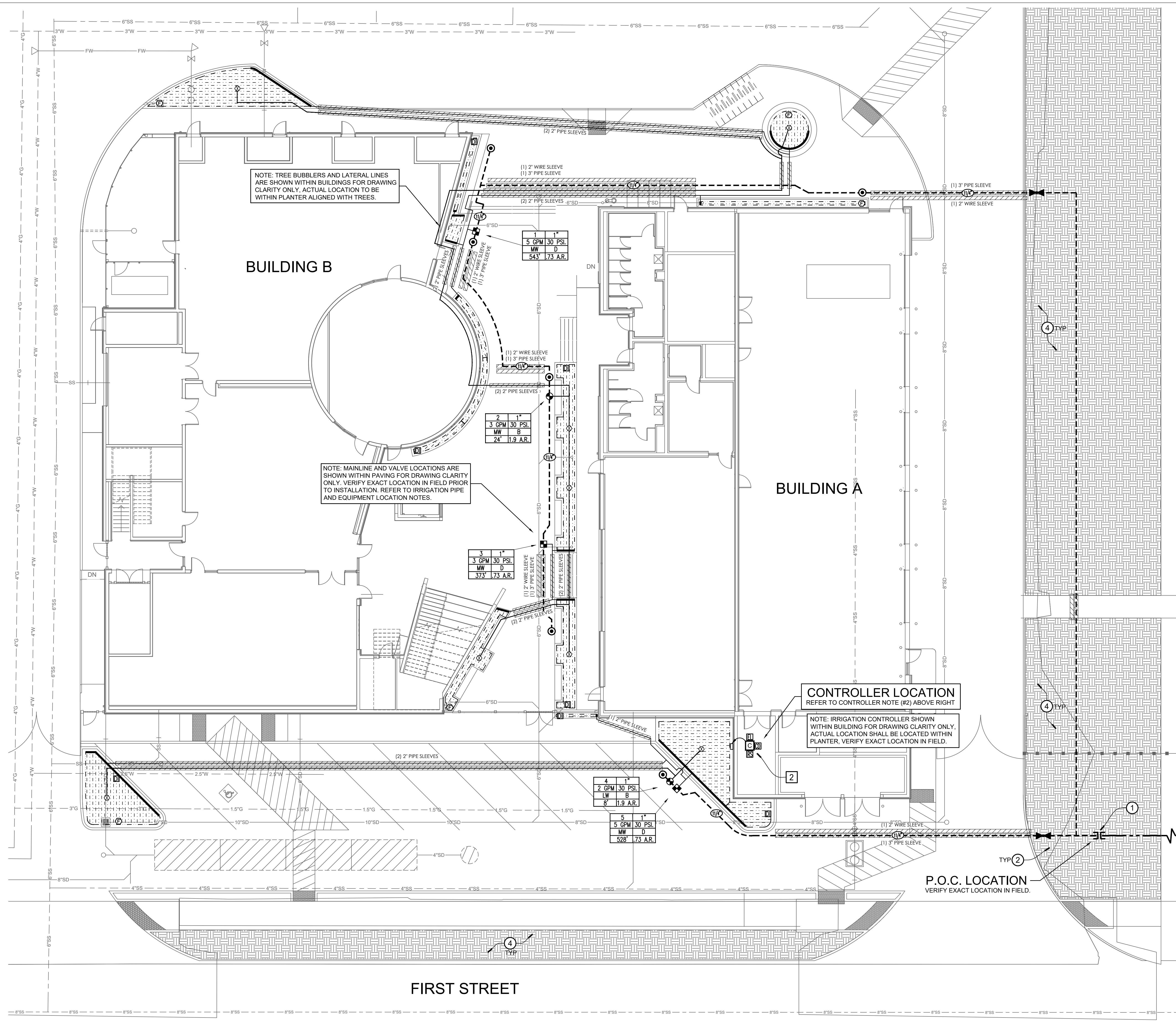
(I) STAIRS DETAIL SCALE: 3/4" = 1'-0"



(H) RAMP DETAIL SCALE: 1/2" = 1'-0"

(I) STAIRS DETAIL SCALE: 3/4" = 1'-0"





**EXISTING P.O.C. / WATER METER NOTES**

**1 P.O.C. NOTE #1:**  
POINT OF CONNECTION SHALL BE DOWNSTREAM OF EXISTING IRRIGATION METER. VERIFY THE ACTUAL LOCATION, SIZE AND WATER PRESSURE IN THE FIELD PRIOR TO STARTING WORK. IF ANY OF THE POC INFORMATION SHOWN ON THESE DRAWINGS IS FOUND TO BE DIFFERENT THAN THE ACTUAL POC INFORMATION GATHERED IN THE FIELD, IMMEDIATELY NOTIFY THE LANDSCAPE ARCHITECT. SHOULD THE CONTRACTOR FAIL TO VERIFY THE POC INFORMATION ANY CHANGES REQUIRED BY LOW PRESSURE OR VOLUME SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING EXISTING IRRIGATION BACKFLOW DEVICE AND TESTING FOR PROPER OPERATION. SHOULD ANY OF THESE DEVICES BE INOPERABLE OR NOT IN PLACE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF SAID DEVICES. CONFIRM ANY DISCREPANCIES WITH OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO BIDDING AND COMMENCING WORK.

DOMESTIC WATER METER INFORMATION	
ADDRESS:	555 CENTRAL AVE., FILLMORE, CA 93015
EXISTING METER SIZE	2"
MINIMUM PRESSURE REQUIRED	65 PSI
SYSTEM DESIGN PRESSURE	57 PSI
MAXIMUM SYSTEM DEMAND	5 GPM
LANDSCAPE AREA SERVED	1,497 SQ. FT.

**CONTROLLER NOTES**

**2 CONTROLLER NOTE #2:**  
CONTROLLER LOCATION, REFER TO LEGEND FOR CONTROLLER MAKE AND MODEL NUMBER. CONTROLLER ASSEMBLY SHALL BE INSTALLED IN A STAINLESS STEEL ENCLOSURE. FINAL LOCATION OF CONTROLLER ASSEMBLY AND ELECTRICAL POC SHALL BE CONFIRMED WITH OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO COMMENCING WORK. THE 120 VOLT POWER SUPPLY HOOK-UP OF THE IRRIGATION CONTROLLER SHALL BE THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR.

**IRRIGATION PIPE AND EQUIPMENT LOCATION NOTES**

1. ALL IRRIGATION EQUIPMENT, SPRINKLERS AND PIPE THAT ARE SHOWN IN PAVING IS FOR DRAWING CLARITY ONLY. ALL EQUIPMENT SHALL BE INSTALLED WITHIN LANDSCAPED AREA. NO IRRIGATION EQUIPMENT SHALL BE LOCATED IN HARDSCAPE.

2. MAINLINE AND VALVE LOCATIONS SHOWN ON THIS DRAWING ARE DESIGNED AS DIAGRAMMATIC AND APPROXIMATE. THE LANDSCAPE CONTRACTOR SHALL STAKE ALL IRRIGATION PIPE / APPURTENANCE LOCATION FOR REVIEW AND APPROVAL. FINAL LOCATION AND EXACT POSITIONING OF ALL IRRIGATION SHALL BE DETERMINED BY THE OWNER'S AUTHORIZED REPRESENTATIVE. MINOR MODIFICATIONS OF ALL IRRIGATION APPURTENANCE AS REQUESTED BY THE OWNER SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST. FAILURE TO OBTAIN OWNER'S APPROVAL PRIOR TO THE INSTALLATION SHALL CAUSE THE CONTRACTOR TO MAKE OWNER DIRECTED REVISION AT NO CHARGE. ALL PIPING AND WIRES SHALL BE SLEEVED UNDER PAVING, HARDSCAPE, ETC. AND AS DIRECTED BY OWNER'S AUTHORIZED REPRESENTATIVE.

IRRIGATION VALVE CALLOUT			
CONTROLLER LETTER / VALVE NUMBER	A2 1.4"	VALVE SIZE	1.4"
GALLONS PER MINUTE G.P.M.	18 GPM 30 PSI	OPERATING PRESSURE (P.S.I.)	30 PSI
HYDROZONE PLANT FACTOR	LW 0	HYDROZONE / IRRIGATION TYPE - SEE	HYDROZONE LEGEND (BELOW)
LANDSCAPE HYDROZONE AREA - SQUARE FOOTAGE	2000' 73 A.R.	APPLICATION RATE IN INCHES PER HOUR	

HYDROZONE LEGEND		
Hydrozone Number	Plant Factor (Water Use) - from WUCOLS	IE - Irrigation Efficiency
(1) Drip - Low Water / Plants	Selected based on type of plants in hydrozones:	S = Spray 71
(2) Drip - Moderate Water / Plants	VLW = 0.1 - Very Low Water Use Plants	M = Micro Spray 73
(3) Rotor - Low Water / Plants	LW = 0.1 - 0.3 - Low Water Use Plants	R = Rotor 73
(4) Rotor - Low Water / Plants	MW = 0.4 - 0.6 - Moderate Water Use Plants	B = Bubbler 77
(5) Bubbler - Low Water / Trees	HW = 0.7 - 0.9 - High Water Use Plants	D = Drip 81
(6) Bubbler - Moderate Water / Trees		

IRRIGATION NOTE CALLOUT	
1	IRRIGATION CONSTRUCTION CALLOUT NUMBER.
1	P.O.C. AND CONTROLLER CALLOUT NUMBER.

**IRRIGATION CONSTRUCTION NOTES**

**1 MAINLINE CONNECTION NOTE:**  
CONTRACTOR SHALL CONNECT PROPOSED NEW IRRIGATION MAINLINE TO THE EXISTING IRRIGATION SYSTEM LOCATED IN THIS APPROXIMATE LOCATION. CONTRACTOR SHALL VERIFY ACTUAL EXISTING IRRIGATION MAINLINE LOCATION IN FIELD WITH OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO COMMENCING WORK. CONTRACTOR SHALL REFER TO IRRIGATION AS-BUILTS FOR EXISTING IRRIGATION SYSTEM LAYOUT. CONTRACTOR SHALL VERIFY ALL IRRIGATION CONNECTION AND DISCONNECTION POINTS IN FIELD WITH OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO COMMENCING WORK.

**2 TRENCHING IN VICINITY OF EXISTING TREES**  
WHENEVER ROOTS OF EXISTING TREES ARE ENCOUNTERED DURING TRENCHING OPERATIONS, THE CONTRACTOR SHALL REROUTE MAIN LINE TRENCHES. DO NOT CUT ROOTS OVER 1" IN DIAMETER. ALL CUTS SHALL BE A CLEAN SHARP CUT. IF TRENCHING IS REQUIRED, THE CONTRACTOR SHALL HAND DIG THE TRENCHES TAKING CARE NOT TO DAMAGE ROOTS. NO MECHANICAL TRENCHING WITHIN THE DRIPLINE OF THE EXISTING TREE WILL BE ALLOWED. PROTECT ALL ROOTS EXPOSED TO SUNLIGHT WITH MOIST BURLAP UNTIL COVERED WITH SOIL.

**3 REMOVAL AND DISPOSAL NOTE:**  
CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE REMOVAL AND DISPOSAL OF ALL EXISTING IRRIGATION EQUIPMENT AFFECTED BY THE PROPOSED IRRIGATION IMPROVEMENTS. CONTRACTOR SHALL VERIFY ALL EQUIPMENT TO BE REMOVED AND DISPOSED OF IN FIELD PRIOR TO COMMENCING WORK. CONTRACTOR SHALL MEET WITH THE OWNER PRIOR TO BEGINNING DEMOLITION OR ANY OTHER WORK, AND WALK SITE TO LOCATE EXISTING CONTROLLER AND LINES AND OTHER IRRIGATION TO BE PROTECTED IN PLACE.

**4 PERIMETER IRRIGATION NOTE:**  
ALL ADJACENT SYSTEMS SHALL MAINTAIN AUTOMATIC PROGRAMMED WATERING SCHEDULES THROUGHOUT CONSTRUCTION. NO DISRUPTION OF THE EXISTING IRRIGATION SYSTEMS WATERING WILL BE ALLOWED DURING CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR/MODIFICATION OF ALL ADJACENT IRRIGATION SYSTEMS EQUIPMENT THAT IS AFFECTED BY PROPOSED IRRIGATION IMPROVEMENTS. CONTRACTOR SHALL ADJUST AND CAP OFF EXISTING ADJACENT IRRIGATION SYSTEMS AS REQUIRED. CONTRACTOR SHALL REPAIR SAID SYSTEMS TO A LIKE NEW MANNER, PROVIDING COMPLETE 100% HEAD TO HEAD COVERAGE WITH NO PONDING, RUNOFF, OR OVER-SPRAY IN ALL AREAS. SYSTEM LAYOUT SHALL APPROVED BY THE OWNER'S AUTHORIZED REPRESENTATIVE. CONTRACTOR SHALL CONFIRM ALL AREAS REQUIRING MODIFICATION WITH THE OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO BIDDING AND COMMENCING WORK.

LATERAL PIPE SIZING CHART		
0 TO 5 GPM	3/4" SCH. 40 PVC PIPE	
5 TO 10 GPM	1" SCH. 40 PVC PIPE	
10 TO 15 GPM	1-1/4" SCH. 40 PVC PIPE	
15 TO 25 GPM	1-1/2" SCH. 40 PVC PIPE	
25 TO 35 GPM	2" SCH. 40 PVC PIPE	
35 TO 50 GPM	2-1/2" SCH. 40 PVC PIPE	

DRIPLINE INTAKE/EXHAUST HEADER PIPE SIZING CHART	
INTAKE/EXHAUST HEADER MINIMUM SIZE OF 3/4 INCH.	
FLOW RANGE	MINIMUM SIZE OF EXHAUST HEADER
0 THROUGH 5 GPM	MINIMUM SIZE SHALL BE 3/4 INCH
6 THROUGH 10 GPM	MINIMUM SIZE SHALL BE 1 INCH
11 THROUGH 15 GPM	MINIMUM SIZE SHALL BE 1-1/4 INCH
16 THROUGH 25 GPM	MINIMUM SIZE SHALL BE 1-1/2 INCH
26 THROUGH 50 GPM	MINIMUM SIZE SHALL BE 2 INCH

NOTE: CONTRACTOR SHALL SIZE ALL DRIPLINE INTAKE/EXHAUST HEADERS PER PIPE SIZING CHART. IN NO INSTANCE SHALL PIPE SIZE EXCEED DESIGNATED GPM RANGE.

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP. 03-119532 INC.  
REVIEWED FOR  
SS  FLS  ACS   
DATE: 6/24/19

**WD**  
WESTGROUP  
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FILLMORE HIGH SCHOOL - NEW CTE BUILDINGS  
FILLMORE UNIFIED SCHOOL DISTRICT  
555 Central Ave. Fillmore, CA. 93015

ISSUED FOR:	
SCHEMATIC DESIGN	11/16/2017
DESIGN DEVELOPMENT	08/21/2018
CONSTRUCTION DOCUMENTS	12/07/2018
50% CD	11/09/2018
80% CD	12/10/2018
DSA SUBMITTAL	12/20/2018
DSA BACKCHECK	5/08/2019

REVISIONS:	

REGISTRATION/SIGNATURE:

REGISTERED LANDSCAPE ARCHITECT  
STATE OF CALIFORNIA

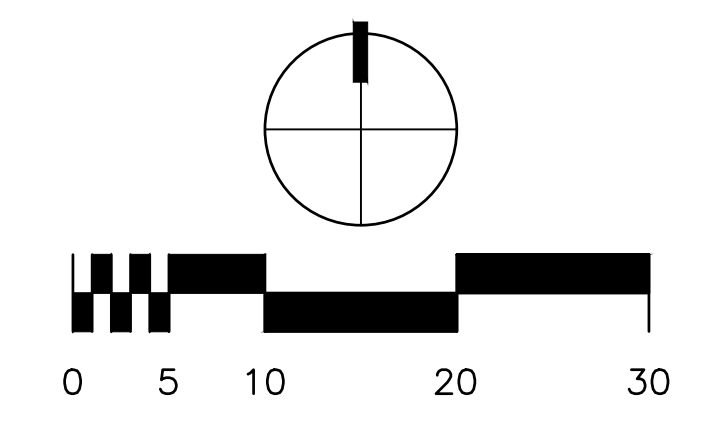
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IRRIGATION PLAN

SHEET NUMBER:  
**L3.1**

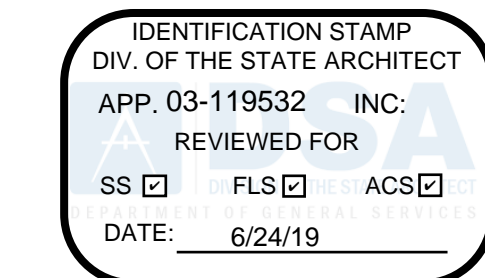
WD PROJ. # 18413 | DRAWN BY: RLA | CHECKED: RLA | DATE: 5/08/2019

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FOR IRRIGATION LEGEND AND CALCULATIONS - SEE SHEET L3.0  
FOR IRRIGATION NOTES - SEE SHEET L4.1  
FOR IRRIGATION DETAILS - SEE SHEETS L5.1 - L5.2  
FOR SPECIFICATIONS - SEE BOOK SPECIFICATIONS



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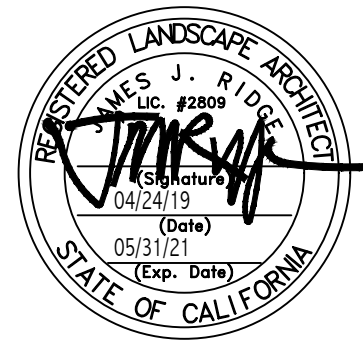
FILLMORE HIGH SCHOOL - NEW CTE BUILDINGS

FILLMORE UNIFIED SCHOOL DISTRICT 555 Central Ave. Fillmore, CA. 93015

Table with 2 columns: Description and Date. Rows include ISSUED FOR, SCHEMATIC DESIGN, DESIGN DEVELOPMENT, CONSTRUCTION DOCUMENTS, 90% CD, 95% CD, DSA SUBMITTAL, and DSA BACKCHECK.

Table for REVISIONS with columns for description and date. Includes a vertical stamp: NOT FOR CONSTRUCTION.

REGISTRATION/SIGNATURE:



SHEET TITLE: IRRIGATION NOTES

SHEET NUMBER: L4.1

Table with 4 columns: WD PROJ #, DRAWN BY, CHECKED, DATE. Row 1: 18413, RLA, RLA, 5/08/2019

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IRRIGATION SYSTEM MAINTENANCE SCHEDULE

MAINTENANCE OF THE IRRIGATION SYSTEM IS A NECESSARY AND CONTINUING PROCESS INVOLVING MONITORING, ADJUSTMENT AND REPAIR. REPAIRS CAN BE MINIMIZED BY INSTITUTING A MAINTENANCE PROGRAM...

WEEKLY

- \* TRIM FOLIAGE FROM AROUND SPRINKLER HEADS AS NECESSARY TO AVOID SPRAY BLOCKAGE. \* BRIEFLY ACTIVATE EACH CONTROL VALVE AND OBSERVE SPRINKLERS FOR PROPER COVERAGE AND OPERATION AND MISALIGNMENT BY MOVING OPERATIONS...

MONTHLY

- \* ADJUST PROGRAMMING OF THE AUTOMATIC IRRIGATION CONTROLLER(S) BASED ON OBSERVED FIELD CONDITIONS. \* CHECK THE SOIL MOISTURE WITH AN AUGER AND EVALUATE WITH REGARD TO DURATION AND FREQUENCY OF THE IRRIGATION CYCLES...

CONTINUALLY

- \* CLEAN SOIL AND DEBRIS FROM SPRINKLER BODIES, NOZZLES AND DRIP SYSTEMS TO ENSURE PROPER WATER DISCHARGE. \* STRAIGHTEN SPRINKLERS AND ADJUST NOZZLES TO INSURE PROPER WATER DISCHARGE...

AS NEEDED

- \* EXTEND THE HEIGHT OF SPRINKLERS AS NECESSARY IN SHRUB AREAS TO AVOID INTERFERENCE FROM ADJACENT FOLIAGE. \* THE STAFF SHALL REPAIR OR REPLACE ANY DAMAGED OR MALFUNCTIONING EQUIPMENT WITHIN ONE WEEK OF DETECTION...

EQUIPMENT REPLACEMENT

- \* REPLACE ANY IRRIGATION VALVES, SPRINKLERS, DRIP LINE OR OTHER COMPONENTS WITH REPLACEMENT OF THE EXACT TYPE, GPM AND MANUFACTURE AS CALLED FOR IN THE ORIGINAL IRRIGATION PLANS.

MAJOR REPAIRS

- \* WHERE CONDITIONS DEVELOP WHICH CAN NOT BE HANDLED BY ROUTINE MAINTENANCE, THEY SHOULD BE BROUGHT TO THE ATTENTION OF THE OWNER. \* ALL DAMAGE NOT RESULTING FROM CONTRACTOR'S ACTIVITIES OR NEGLIGENCE SHOULD BE BROUGHT TO THE OWNER'S ATTENTION...

LANDSCAPE IRRIGATION AUDIT SCHEDULE

- \* LANDSCAPE IRRIGATION AUDITS SHALL BE PERFORMED IN ACCORDANCE WITH THE STATE OF CALIFORNIA WATER MANAGEMENT PROGRAM AS DESCRIBED IN THE "LANDSCAPE IRRIGATION AUDITOR HANDBOOK". \* AUDITS SHALL BE CONDUCTED BY CERTIFIED LANDSCAPE IRRIGATION AUDITOR...

KEEPING OF RECORDS

- \* THE CONTRACTOR SHALL KEEP PERMANENT RECORDS OF ALL PERFORMED MAINTENANCE TASKS. \* RECORD ALL WATER USAGE AND CHANGES IN THE CONTROLLER TIMING, INCLUDING OFF TIMES DURING RAINFALL...

COLOR CHART NOTE:

AS A REQUIREMENT THE AUTOMATIC CONTROLLER SHALL CONSIST OF A NEATLY DRAWN 11"x17" LAMINATED IRRIGATION PLAN AND COLORED ZONE MAP LAYOUT CHART. LAYOUT CHART SHALL BE COLOR CODED INDICATING LOCATION OF ALL CONTROLS, PIPING, SLEEVES, HEADS (INCLUDING TYPE), VALVES AND CONNECTION TO WATER SERVICE.

IRRIGATION WATER AUDIT NOTE:

LANDSCAPE CONTRACTOR TO PROVIDE AN IRRIGATION AUDIT, IN COMPLIANCE WITH THE STATE OF CALIFORNIA LANDSCAPE WATER MANAGEMENT PROGRAM. SHALL BE PERFORMED BY A CERTIFIED IRRIGATION AUDITOR...

AT A MINIMUM, AUDITS SHALL BE IN ACCORDANCE WITH THE LATEST STATE OF CALIFORNIA LANDSCAPE WATER MANAGEMENT PROGRAM AS DESCRIBED IN THE LATEST LANDSCAPE IRRIGATION AUDITOR HANDBOOK...

THE SCHEDULE SHALL PROVIDE FOR LANDSCAPE IRRIGATION AUDITS TO BE CONDUCTED BY A QUALIFIED INDIVIDUAL, OTHER THAN THE DESIGNER OR INSTALLER, AS DETERMINED BY THE DIRECTOR AT LEAST ONCE EVERY FIVE YEARS IN ACCORDANCE WITH THE REQUIREMENTS OF THE COUNTY.

Existing Irrigation Notes

- 1. THE CONTRACTOR MUST FAMILIARIZE HIMSELF WITH THE EXISTING IRRIGATION AND PLANTING ON PROPERTY. ANY DAMAGE OR ADJUSTMENTS REQUIRED INCLUDING REPLACING OR RELOCATING IRRIGATION LINES, HEADS, VALVES, WIRES OR ANY UTILITY THAT OCCURS ON THE PARCEL DUE TO THE CONSTRUCTION OF THIS PROJECT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR...

AS-BUILT NOTE:

AS-BUILT RECORD DRAWINGS WERE NOT AVAILABLE AT TIME OF SYSTEM DESIGN. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING EXISTING IRRIGATION SYSTEM AS-BUILTS FROM OWNER PRIOR TO COMMENCING WORK...

NOTE:

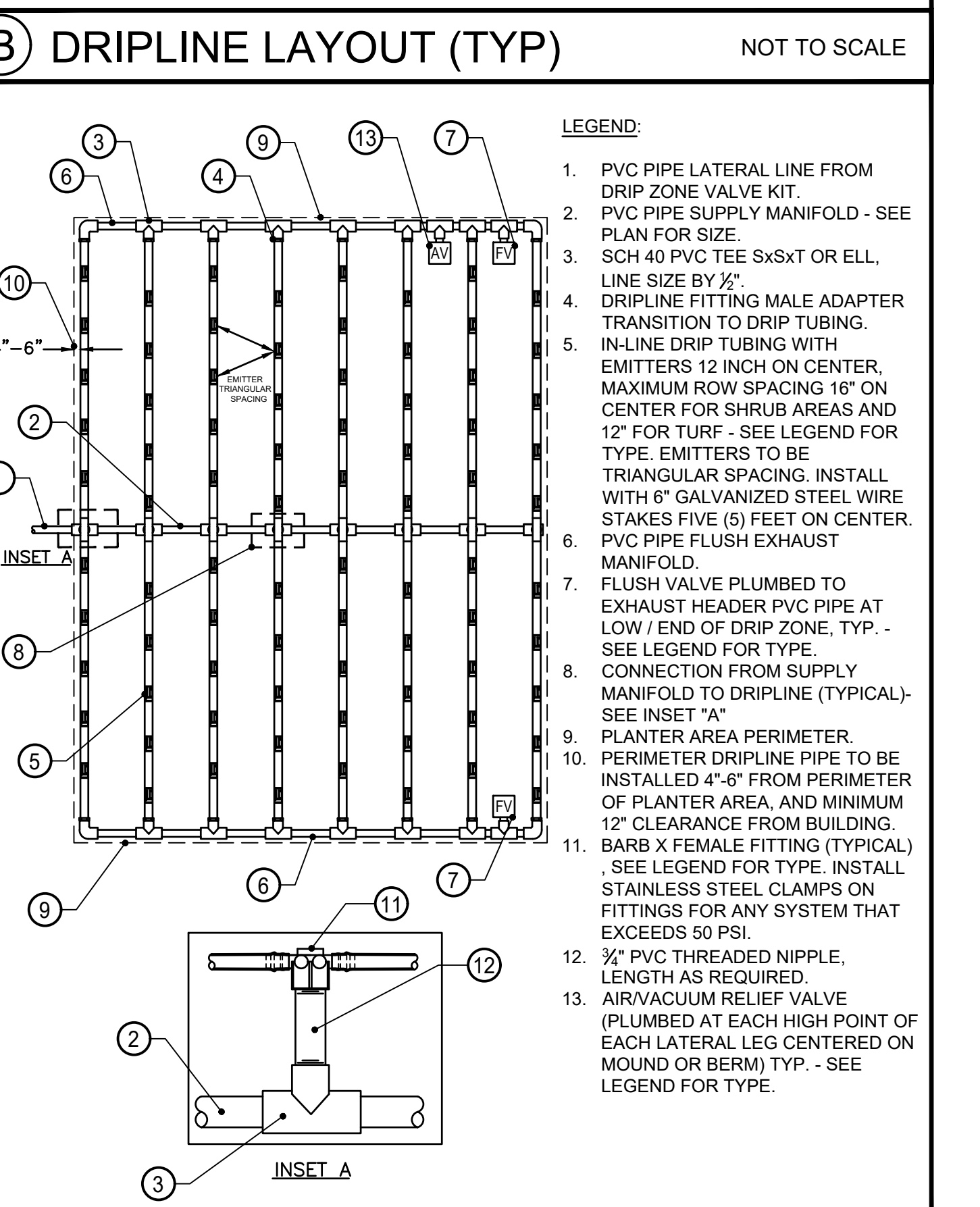
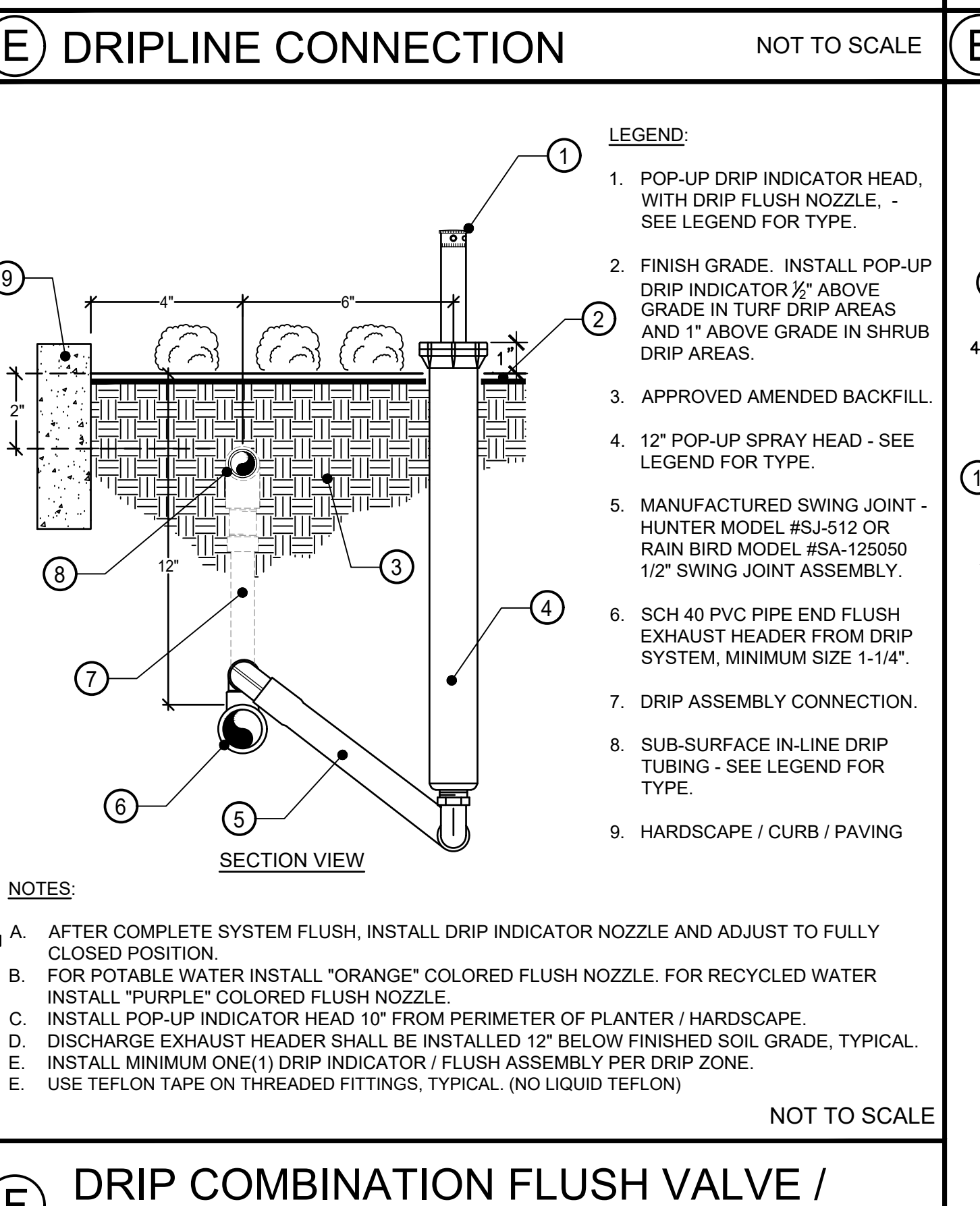
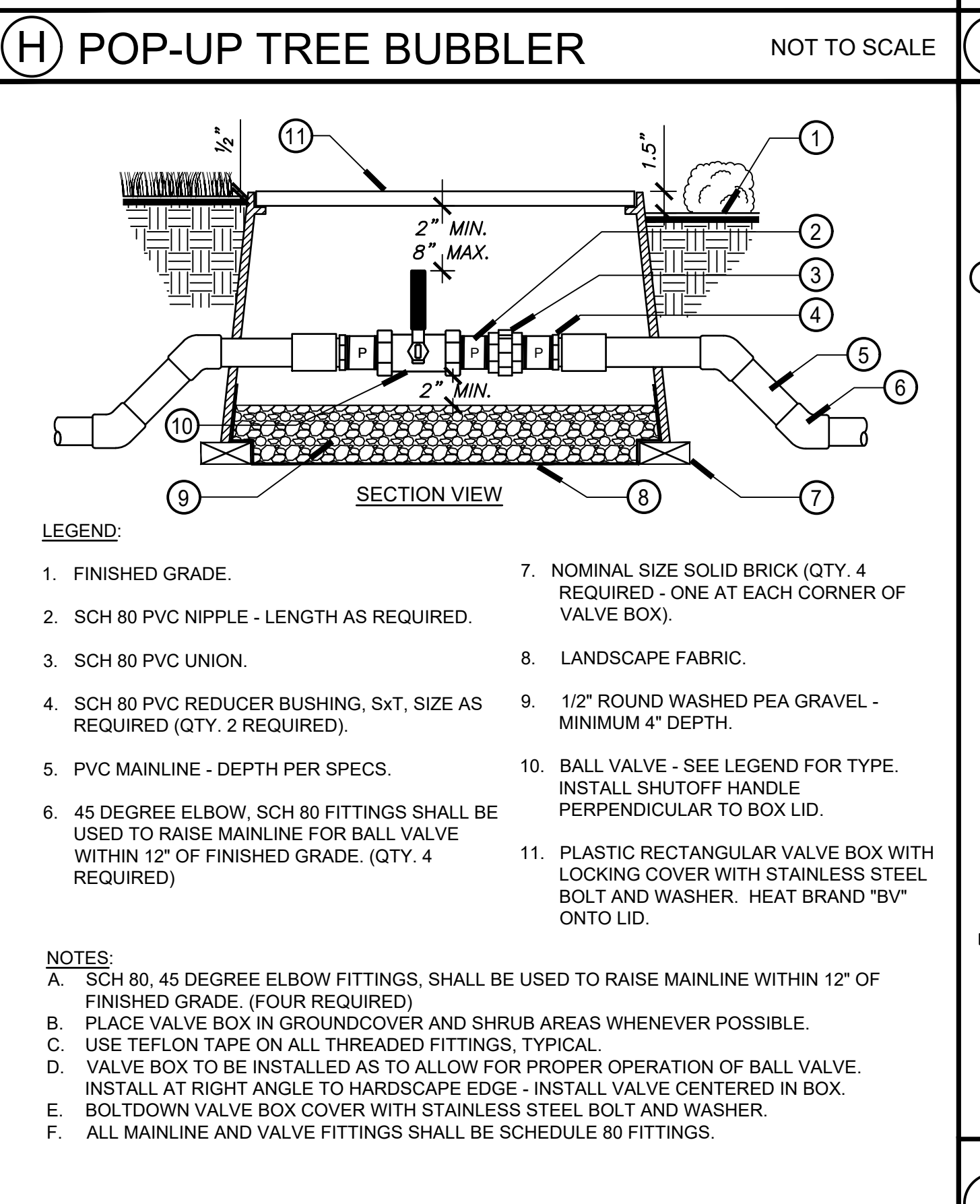
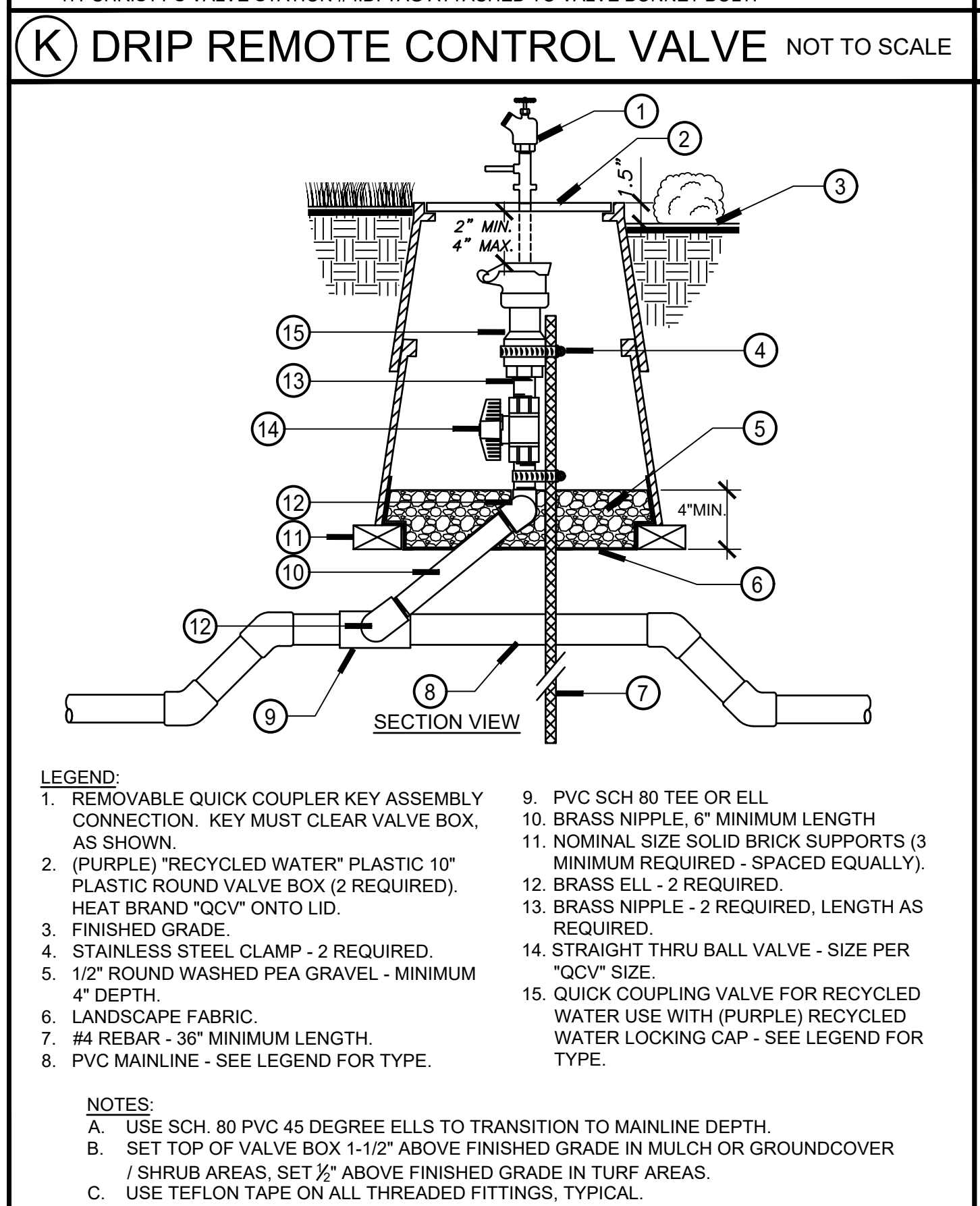
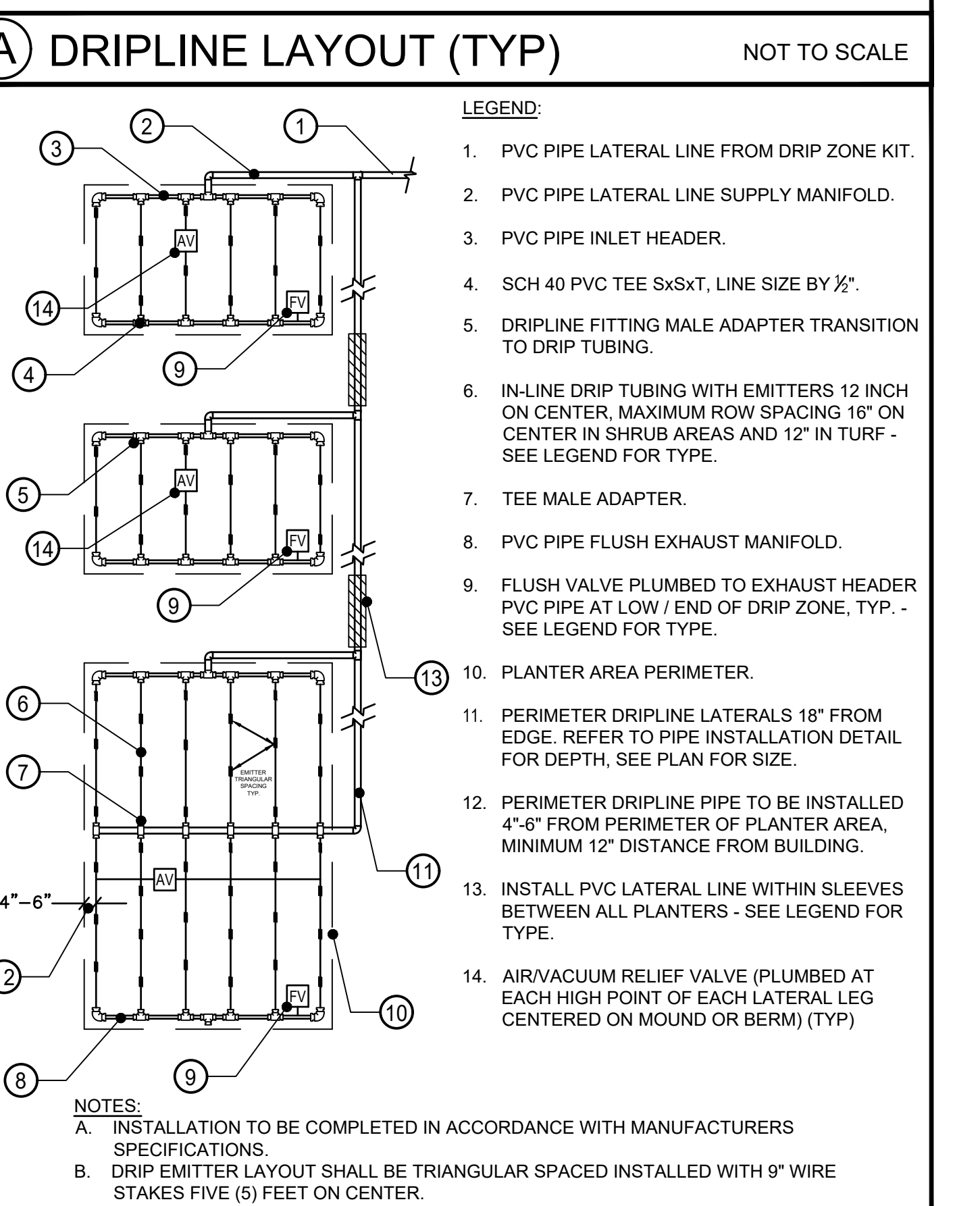
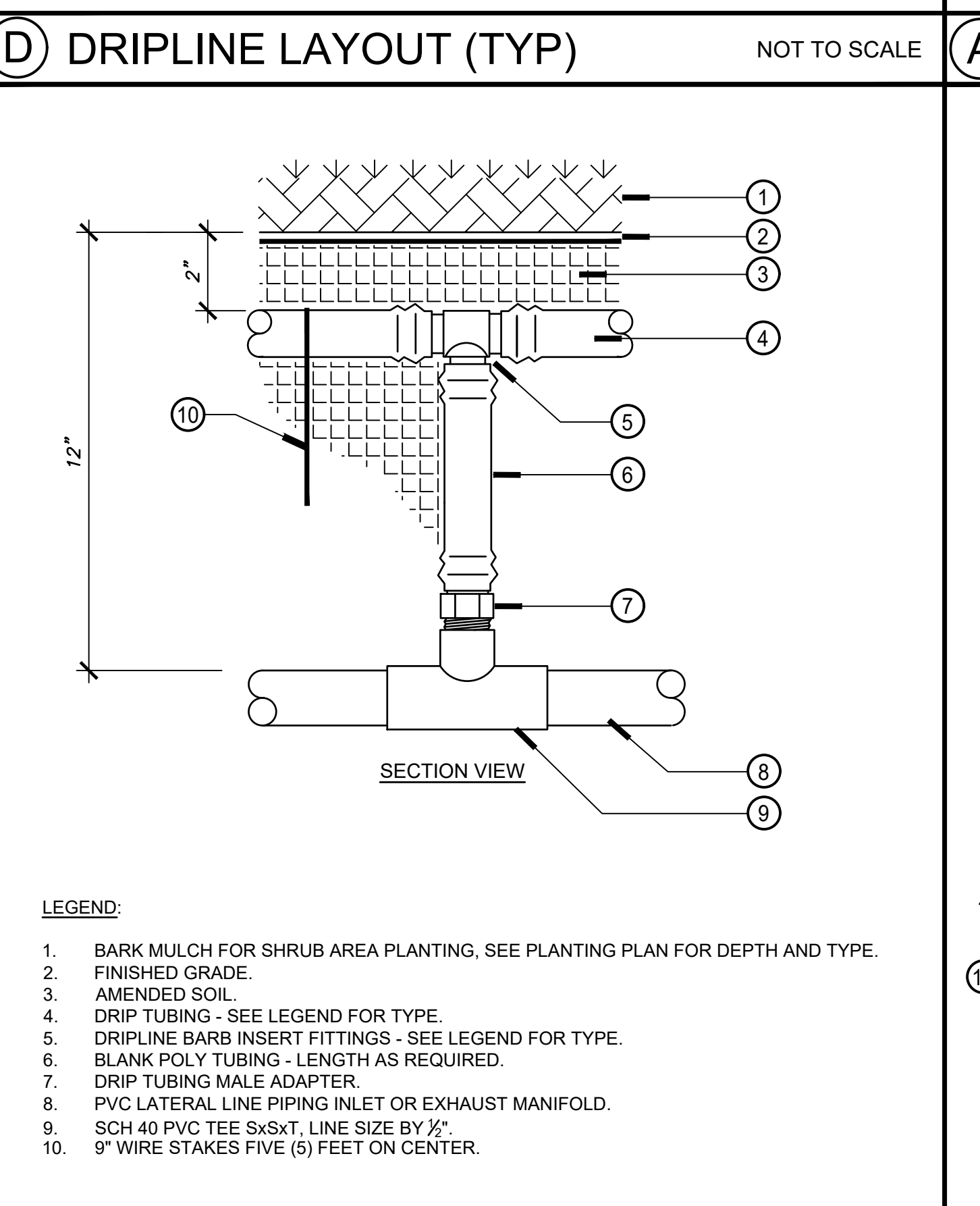
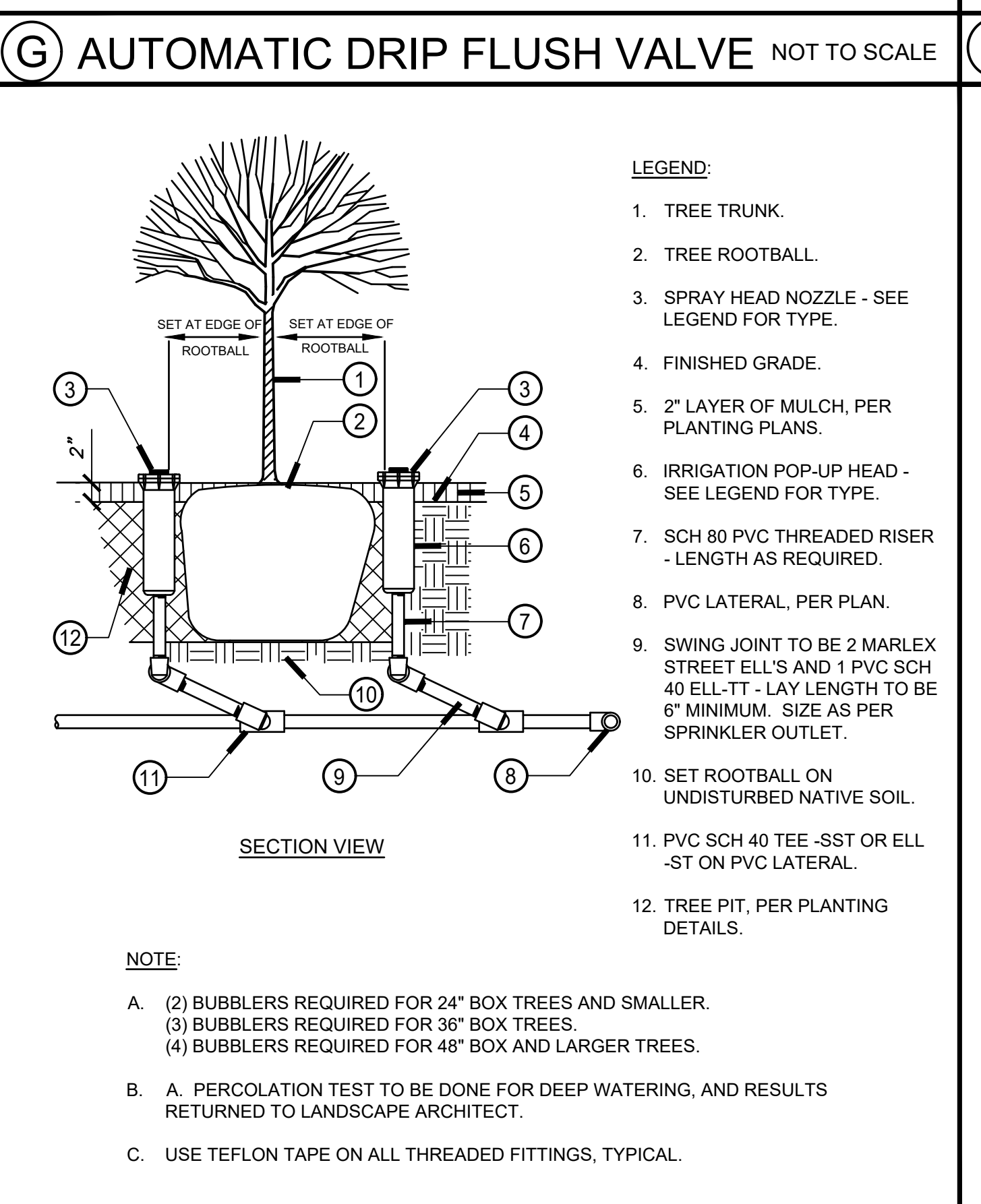
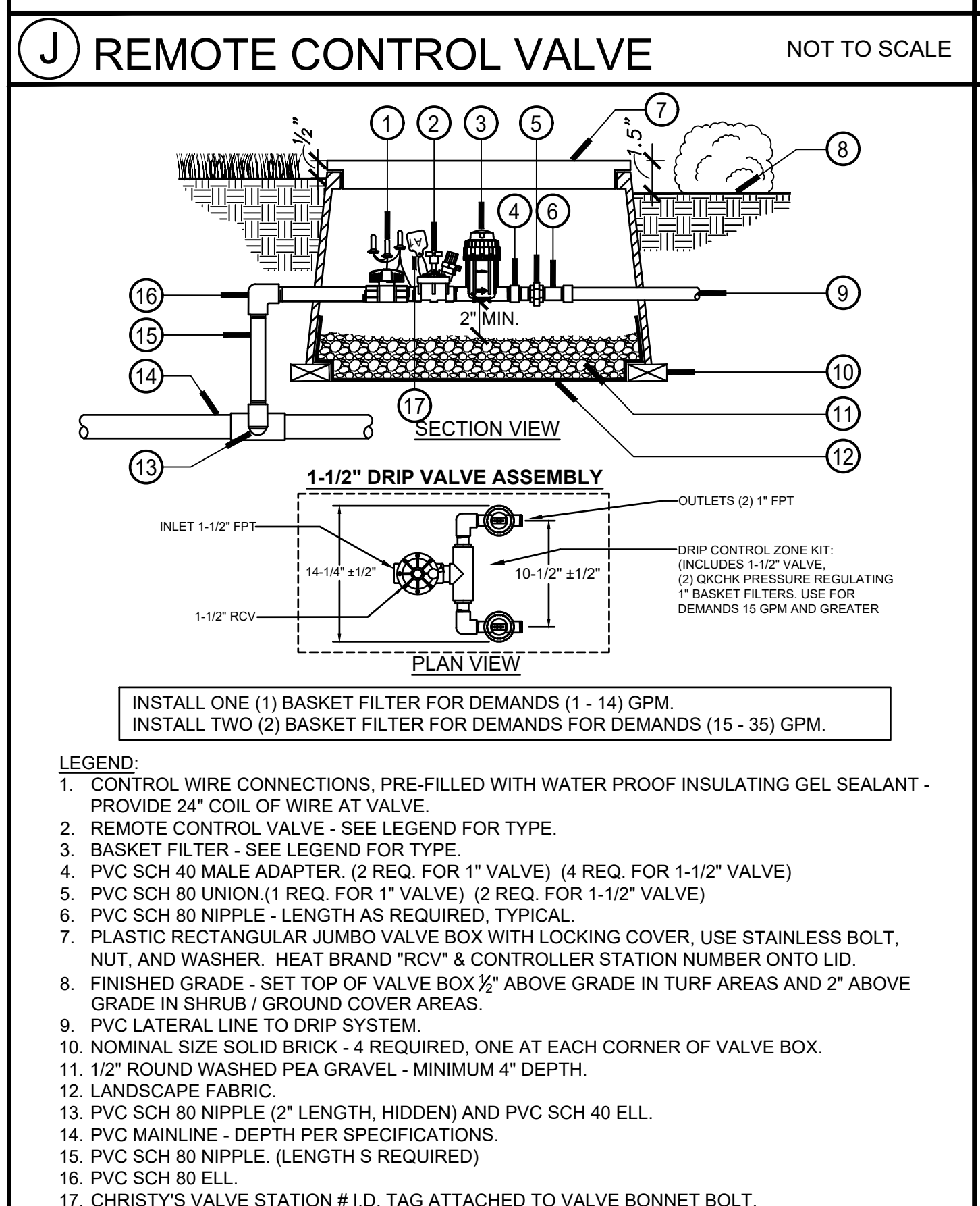
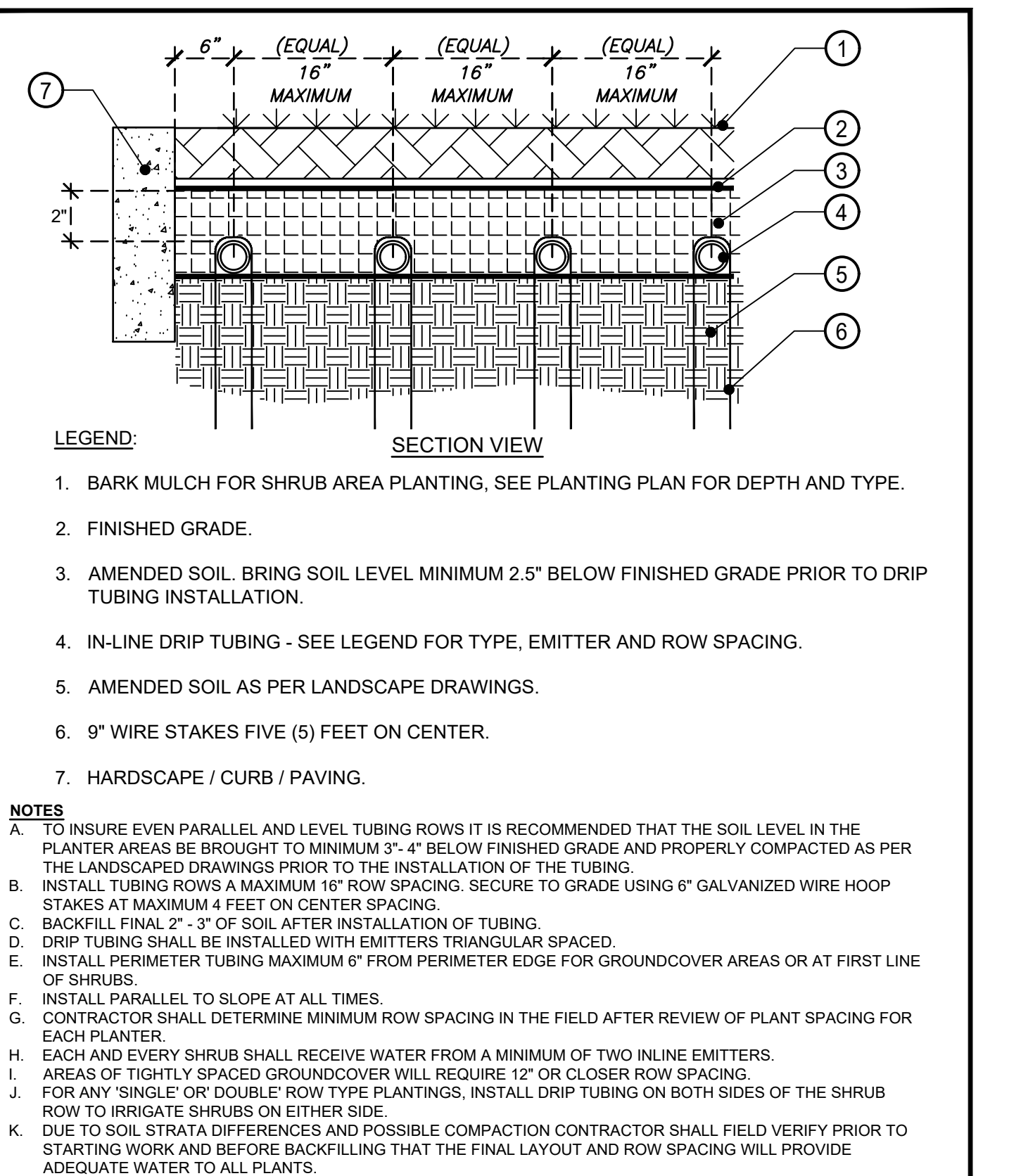
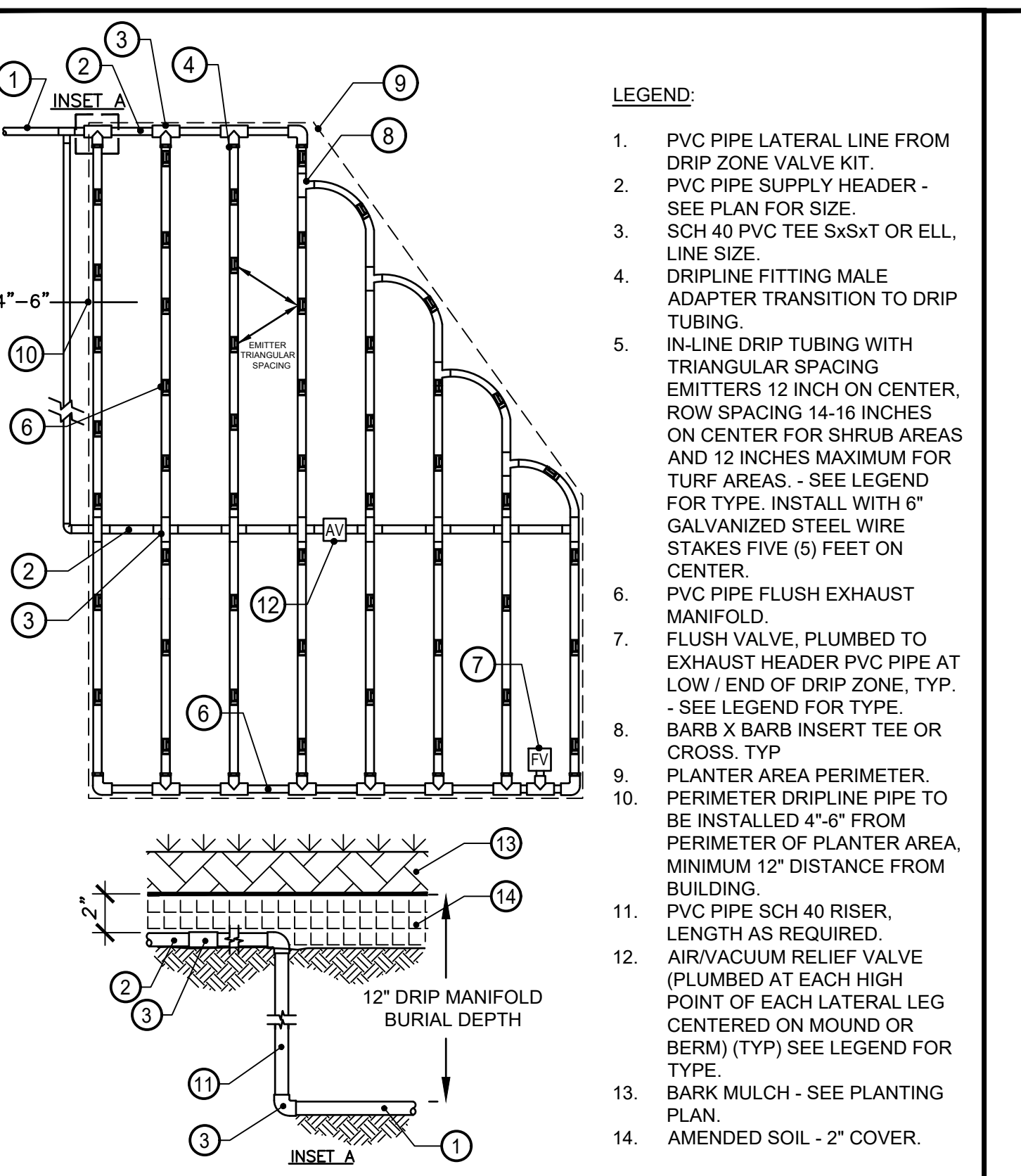
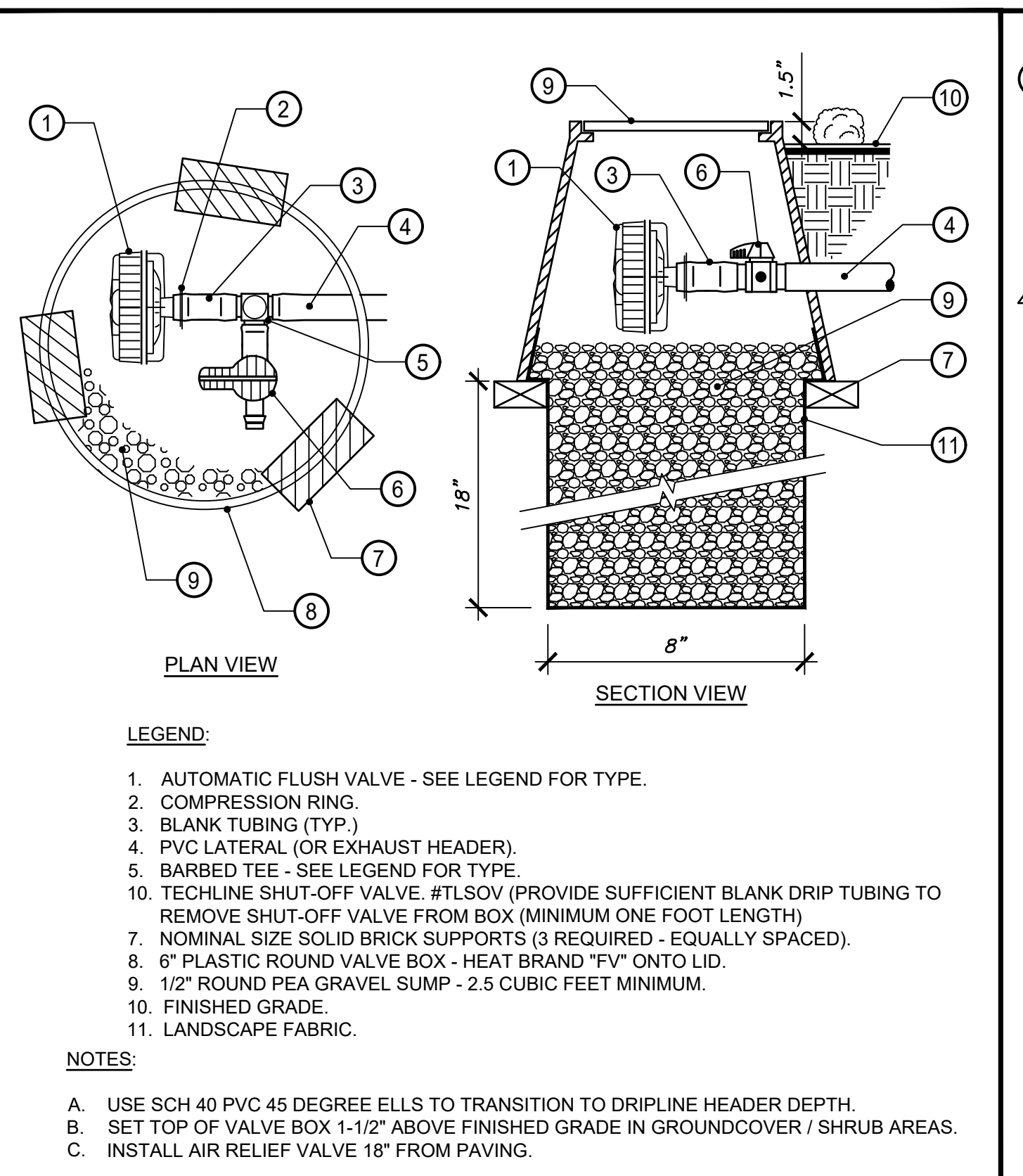
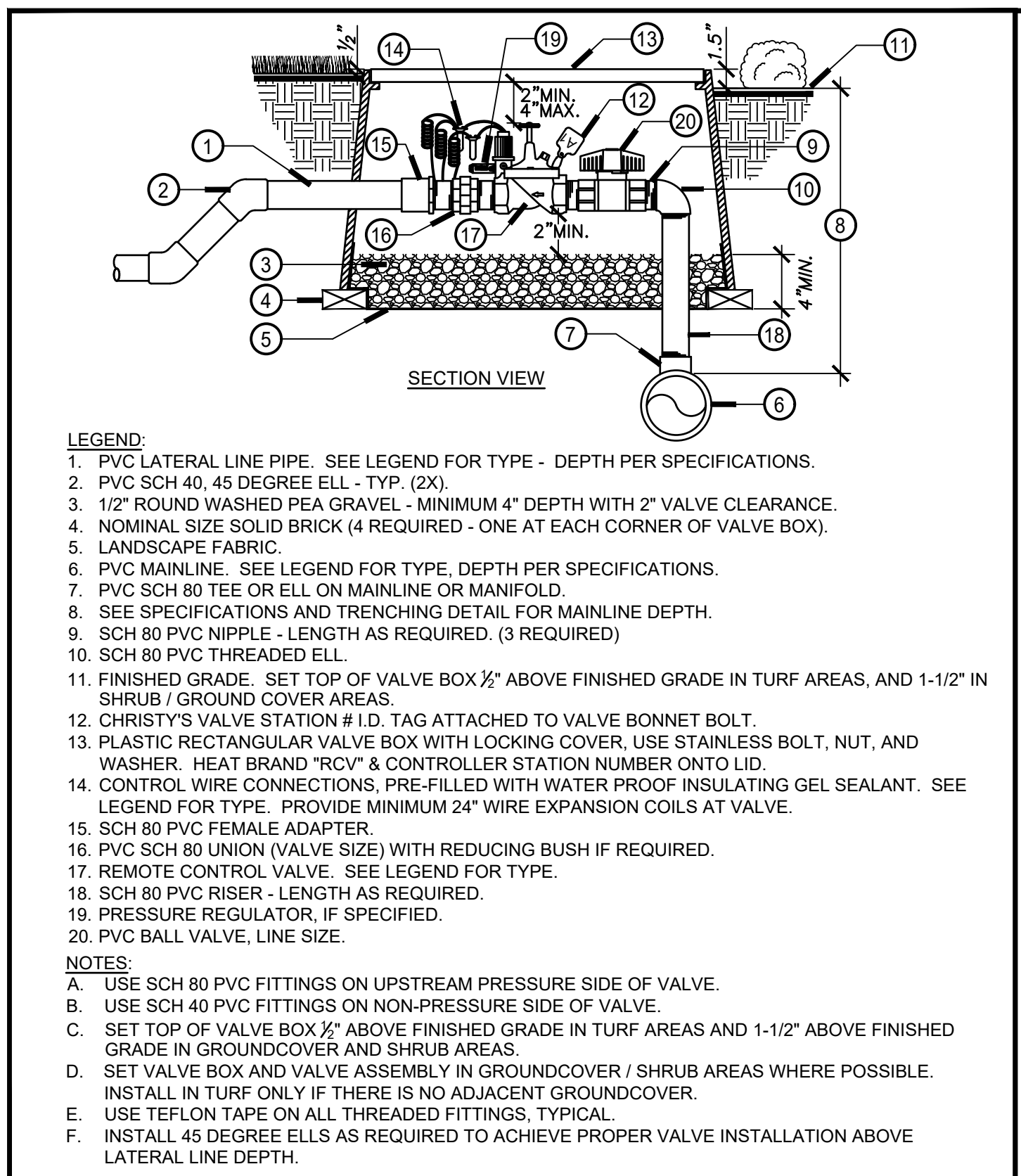
\*CONTRACTOR TO REPAIR OR REPLACE ALL LANDSCAPE AND IRRIGATION MISSING OR NOT WORKING TO A FULLY FUNCTIONING SYSTEM WITH 100% COVERAGE. ALL EXISTING SYSTEMS SHALL BE REPAIRED TO PREVENT OVERSPRAY OR RUNOFF ONTO SIDEWALKS OR STREETS.

Irrigation Installation Notes

- 1. THE CONTRACTOR SHALL OBTAIN, COORDINATE AND PAY FOR ANY AND ALL PERMITS AND ALL INSPECTIONS AS REQUIRED. 2. THE CONTRACTOR SHALL BE RESPONSIBLE AND LIABLE FOR ANY AND ALL DAMAGES TO OPERATIONS OR WORK OF OTHER CONTRACTORS...

Irrigation General Notes

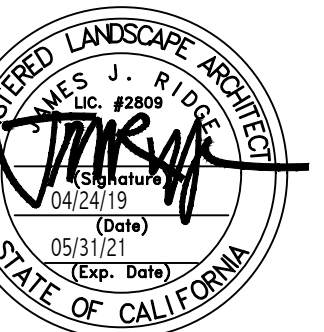
- 1. IRRIGATION PLANS ARE DESIGNED AS DIAGRAMMATIC AND APPROXIMATE. ALL IRRIGATION EQUIPMENT, SPRINKLERS AND PIPE ARE TO BE INSTALLED IN LANDSCAPE AREA. NO IRRIGATION EQUIPMENT SHALL BE LOCATED IN HARDSCAPE... 2. MAINLINE SHOWN WITHIN PAVING FOR DRAWING CLARITY ONLY...



ISSUED FOR:	11/02/017
SCHEMATIC DESIGN	09/21/2018
DESIGN DEVELOPMENT	12/07/2018
CONSTRUCTION DOCUMENTS	11/09/2018
50% CD	12/10/2018
95% CD	12/21/2018
DSA SUBMITTAL	5/08/2019
DSA BACKCHECK	

REVISIONS:

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REGISTRATION/SIGNATURE:

SHEET TITLE:  
IRRIGATION DETAILS

SHEET NUMBER:  
**L5.2**

WD PROJ. #	DRAWN BY:	CHECKED	DATE
18413	RLA	RLA	5/08/2019

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**LEGEND:**

1. LOW VOLTAGE WIRES - SEE LEGEND FOR SIZE AND TYPE.
2. POLY TUBE PRE-FILLED WITH WATERPROOF GEL - SEE LEGEND FOR TYPE.
3. WIRE CONNECTOR - AS APPROVED.

**NOTES:**

A. WIRES SHALL BE PRE-STRIPPED OF 1/2" OF THE INSULATION. JOIN WIRES AND TWIST TOGETHER. WIRE SPLICES MUST BE TWISTED WITH WIRE TWISTING TOOL WITH A MAXIMUM OF TWO WIRES PER TWIST. PRIOR TO INSTALLING CONNECTOR, TWIST CONNECTOR ONTO WIRES TO SEAT FIRMLY. CORRECT WIRE CONNECTIONS ARE EXTREMELY IMPORTANT. REFER TO MANUFACTURE RECOMMENDATION FOR PROPER WIRE CONNECTIONS.

B. ALL WIRE CONNECTIONS SHALL INCLUDE A WIRE NUT CONNECTOR AND A POLY TUBE PRE-FILLED WITH WATERPROOF SEALING GEL.

C. DIRECT BURY SPLICE KIT MODEL # SA 101 SHALL BE USED TO ELECTRICALLY CONNECT 2 - #14 AND/OR 1 - #18 PRE-STRIPPED COPPER WIRES. LARGER WIRES OR GREATER QUANTITIES OF WIRES SHALL REQUIRE MODEL # SA102, A LARGER WIRE CONNECTOR.

D. ALL WIRE SPLICES SHALL BE PLACED WITHIN PLASTIC VALVE BOX OR WIRE PULL BOX.

**P WIRE CONNECTION** NOT TO SCALE

**LEGEND:**

1. BUILDING WALL. VERIFY EXACT LOCATION IN FIELD.
2. WALL-MOUNT CONTROLLER. MOUNTED WITHIN STAINLESS STEEL CONTROLLER ENCLOSURE - SEE LEGEND FOR SPECIFICATIONS.
3. 1" RIGID METAL ELECTRICAL CONDUIT WITH SWEEP ELL FOR MASTER CONTROL VALVE WIRES.
4. 3" RIGID METAL ELECTRICAL CONDUIT WITH SWEEP ELL FOR DIRECT BURIAL CONTROL WIRES.
5. 1" RIGID METAL ELECTRICAL CONDUIT WITH SWEEP ELL FOR FLOW SENSOR CABLE.
6. 1" RIGID METAL ELECTRICAL CONDUIT WITH SWEEP ELL FOR GROUND ROD CABLE. (1) 1/2" X 8" COPPER GROUND ROD MINIMUM W/ #10 GROUND WIRE AND CLAMP. INSTALL INSIDE A 10" ROUND VALVE BOX - GROUND ROD TO BE LOCATED WITHIN 15" OF CONTROLLER. CONTRACTOR SHALL INSTALL ACTUAL GROUNDING EQUIPMENT PER MANUFACTURER'S SPECIFICATIONS.
7. FINISHED GRADE / BUILDING FLOOR. COORDINATE CONDUIT ROUTING.
8. 1" RIGID METAL ELECTRICAL CONDUIT.
9. 120 VOLT POWER SUPPLY IN J-BOX.
10. "ET" MANAGER CARTRIDGE.
11. RECEIVER ANTENNA.
12. WIRELESS RAIN SENSOR MOUNTED ON ROOF EAVE. VERIFY EXACT SENSOR LOCATION IN FIELD WITH OWNER.

**NOTES:**

INSTALL ENCLOSURE AS PER CITY REQUIREMENTS AND MANUFACTURER'S RECOMMENDATIONS.

**M WALL-MOUNT CONTROLLER** NOT TO SCALE

DIMENSION	A	B
3/4" TO 1-1/2" IN SIZE	12"	18"
2" TO 6" IN SIZE	18"	24"

**LEGEND:**

1. FINISHED GRADE.
2. CLEAN COMPACTED BACKFILL.
3. UNDISTURBED SOIL.
4. PVC LATERAL LINE - SEE LEGEND FOR TYPE.
5. PVC MAINLINE - SEE LEGEND FOR TYPE.
6. CONTROL WIRES. TAPE AND BUNDLE TO MAINLINE @ 10' O.C.

**NOTES:**

A. PIPE LINES MUST HAVE MINIMUM CLEARANCE OF 4" FROM EACH OTHER AND 24" FROM OTHER TRADES.

B. RUN WIRING NEXT TO MAINLINE PIPE WHEN RUN IN THE SAME TRENCH. BUNDLE ALL WIRES @ 10' O.C. WITH BLACK VINYL ELECTRICAL TAPE.

C. TIE A 24" LOOP IN ALL WIRING AT CHANGES IN DIRECTION.

D. CONTRACTOR MUST ADJUST MAINLINE AROUND ALL STREET LIGHT LOCATIONS.

E. PIPE SHALL BE SNAKED FROM SIDE-TO-SIDE ON TRENCH BOTTOM TO ALLOW FOR EXPANSION AND CONTRACTIONS.

**N PIPE INSTALLATION** NOT TO SCALE

**LEGEND:**

1. ROAD PAVING.
2. UNDISTURBED SOIL.
3. SAND BACKFILL.
4. MAIN AND LATERAL LINE SLEEVE 2"-4" DIAMETER SCHEDULE 40 PVC PIPE.
5. MAIN AND LATERAL LINE SLEEVE 6" DIAMETER OR GREATER SCHEDULE 40 PVC PIPE.
6. WIRE SLEEVE.
7. LATERAL LINE SLEEVE 6" DIAMETER OR GREATER SCHEDULE 40 PVC PIPE.
8. LATERAL LINE SLEEVE 2"-4" DIAMETER SCHEDULE 40 PVC PIPE. 2" MINIMUM SLEEVE SIZE.
9. CLEAN COMPACTED BACKFILL.
10. PAVING (NON-ROAD).
11. METALLIC BACKED LOCATING TAPE INSTALLED ENTIRE LENGTH OF THE SLEEVE. LOCATED DIRECTLY ABOVE SLEEVE. ATTACHED EVERY 5 FEET. TAPE SHALL BE MARKED "IRRIGATION" IN TWO INCH CAPITAL LETTERS EVERY THREE FEET ALONG THE TAPE.

**NOTES:**

A. SLEEVES SHALL BE TWICE THE DIAMETER OF THE PIPE OR WIRE BUNDLE CARRIED, MINIMUM 2" SIZE.

B. SLEEVES UNDER PAVING (NON-ROADS) LESS THAN 2" DIAMETER = 18" COVER, 2" - 5-1/2" DIAMETER = 24" COVER, 6" DIAMETER OR GREATER = 36" COVER - SCHEDULE 40 PVC PIPE.

C. SLEEVES UNDER ROADS, 6" DIAMETER OR LESS = 36" COVER, 6" DIAMETER OR GREATER = 48" COVER - SCHEDULE 80 PVC PIPE.

D. SLEEVE LOCATIONS SHALL BE MARKED AT EACH END AT THE TIME OF INSTALLATION WITH A PAINTED SPOT ON THE BACK FACE OF THE CURB OR OTHER SIMILAR MARKING.

E. EXACT SLEEVE LOCATION AND SIZE SHALL BE MARKED ON RECORD DRAWINGS WITH DIMENSIONING FOR IRRIGATION AS-BUILT PLANS PRIOR TO BACKFILL.

F. LINES MUST HAVE MINIMUM CLEARANCE OF 4" FROM EACH OTHER & 24" FROM OTHER TRADES.

G. RUN WIRING UNDER MAINLINE, TAPE & BUNDLE @ 10' O.C.

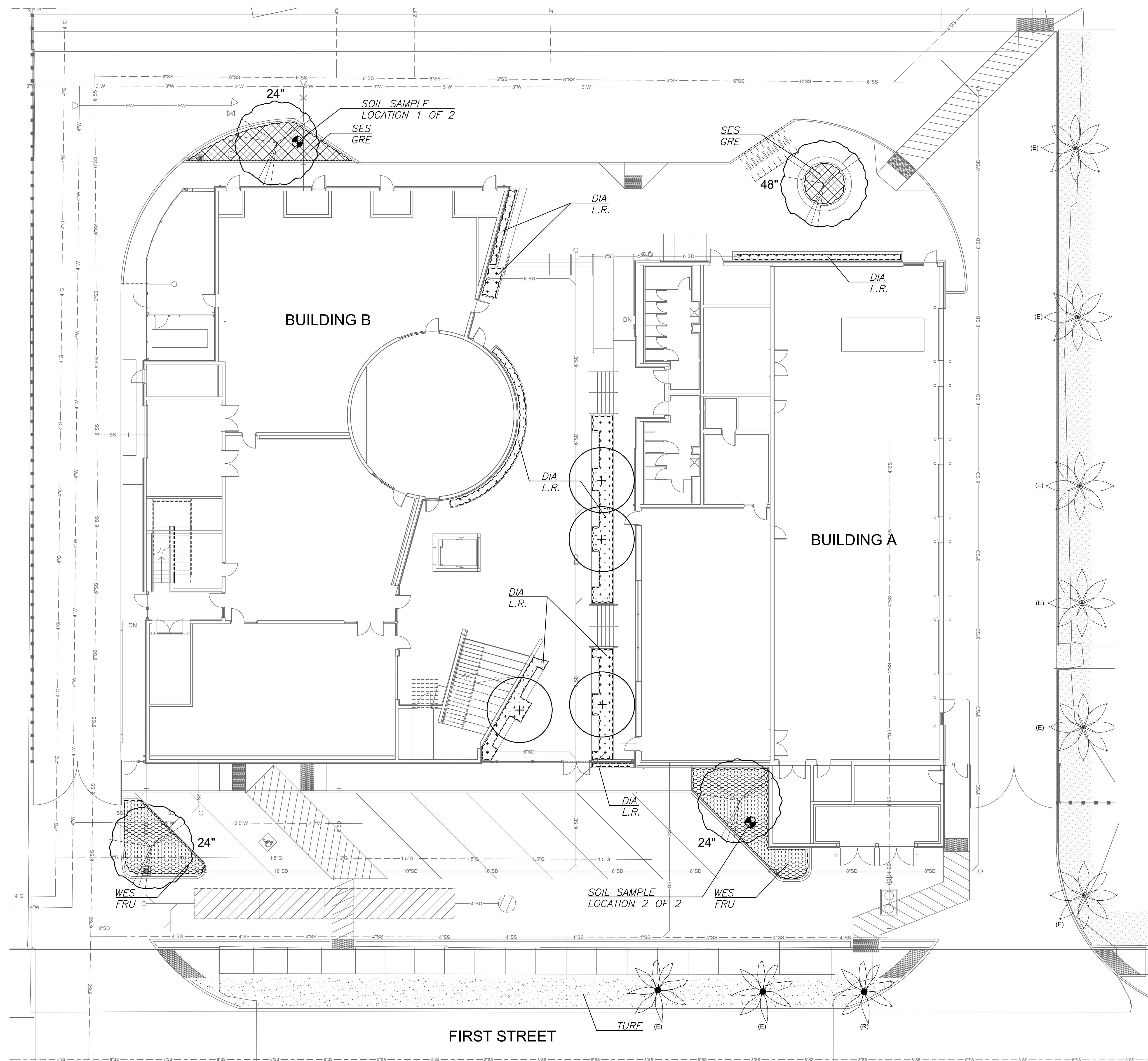
H. TIE A 24" LOOP IN ALL WIRING AT CHANGES IN DIRECTION.

I. ALL SLEEVES MUST HAVE EXPANDING FOAM SEALANT INSIDE PIPE ENDS.

J. ALL SLEEVES MUST EXTEND MINIMUM 12" DISTANCE PAST CURB OR SIDEWALK.

**O SLEEVE INSTALLATION** NOT TO SCALE





**PLANT SCHEDULE**

SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE / FORM	WATER USE	DETAIL(S)	QTY.	
<b>TREES</b>							
	LOPHOSTEMON CONFERTUS	BRISBANE BOX	24" & 48" BOX / STD.	LOW	A, L7.1	24" - 3 48" - 1	
	RHAPHIOLEPIS X 'MONTIC'	MAJESTIC BEAUTY INDIAN HAWTHORNE	24" BOX / STD.	MOD	A, L7.1	4	
SYMBOL	KEY	BOTANICAL NAME	COMMON NAME	SIZE / SPACING	WATER USE	DETAIL(S)	QTY.
<b>SHRUBS, VINES AND GROUNDCOVERS</b>							
	DIA L.R.	DIANELLA T. 'LITTLE REV'	LITTLE REV FLAX LILY	1 GAL. / 24" O.C.	MOD	B-C, L7.1	90
	SES GRE	SESLERIA 'GREENLEE'	GREENLEE MOOR GRASS	1 GAL. / 24" O.C.	MOD	B-C, L7.1	20
	WES MUN	WESTRINGIA FRUTICOSA 'MUNDI'	MUNDI COAST ROSEMARY	5 GAL. / 30" O.C.	LOW	B-C, L7.1	130
<b>TURF</b>							
	TURF	SANTA ANA HYBRID BERMUDA	SOD	HIGH	-	PER PLAN	

WATER USE KEY:  
 VL = VERY LOW WATER USE, L = LOW WATER USE, M = MODERATE WATER USE, H = HIGH WATER USE.  
 WATER USE STATED IS PER 'A' GUIDE TO ESTIMATING IRRIGATION WATER NEEDS OF LANDSCAPE PLANTINGS IN CALIFORNIA (ALSO REFERRED TO AS WUCOLS) FOR REGION 3.  
 DENOTES SOIL SAMPLE LOCATION - REFER TO PLANTING NOTE 'H' FOR ADDITIONAL INFORMATION.  
 FOR PLANTING NOTES, SEE SHEET L7.1.

**EXISTING TREE SCHEDULE**

SYMBOL	BOTANICAL NAME	COMMON NAME
<b>TREES</b>		
	PHOENIX DACTYLIFERA	DATE PALM
	SYAGRUS ROMANZOFFIANA	QUEEN PALM

NOTE: THE LETTER (E) NEXT TO A TREE SYMBOL INDICATES AN EXISTING TREE TO BE PROTECTED IN PLACE. THE LETTER (R) INDICATES AN EXISTING TREE TO BE REMOVED FROM SITE.

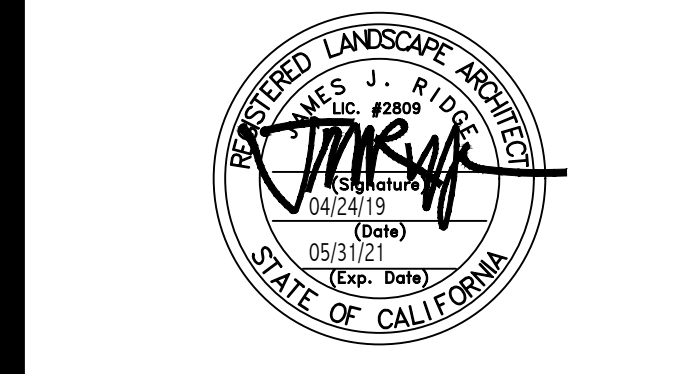


**FILLMORE HIGH SCHOOL - NEW CTE BUILDINGS**

**FILLMORE UNIFIED SCHOOL DISTRICT**  
 555 Central Ave. Fillmore, CA. 93015

ISSUED FOR:	DATE
SCHEMATIC DESIGN	11/16/2017
DESIGN DEVELOPMENT	08/12/2018
CONSTRUCTION DOCUMENTS	12/07/2018
50% CD	11/09/2018
85% CD	12/10/2018
DSA SUBMITTAL	12/20/2018
DSA BACKCHECK	5/08/2019

REVISIONS:



REGISTRATION/SIGNATURE:

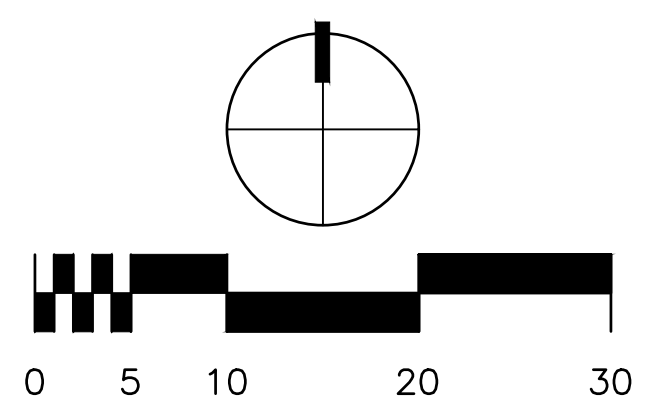
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 PLANTING PLAN

SHEET NUMBER:  
**L6.1**

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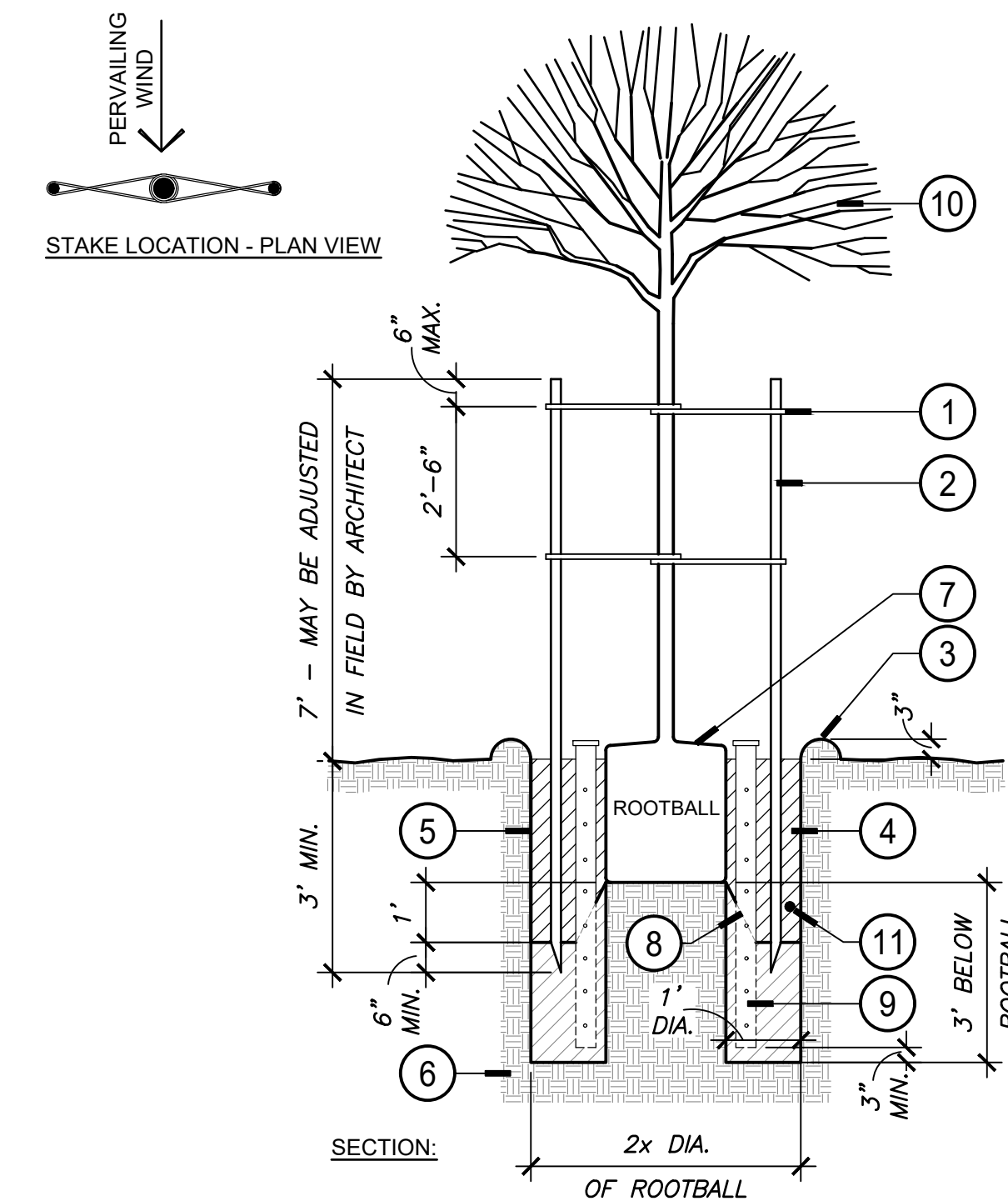
FOR PLANTING DETAILS & NOTES - SEE SHEET L7.1  
 FOR LANDSCAPE SPECIFICATIONS - SEE BOOK SPECS



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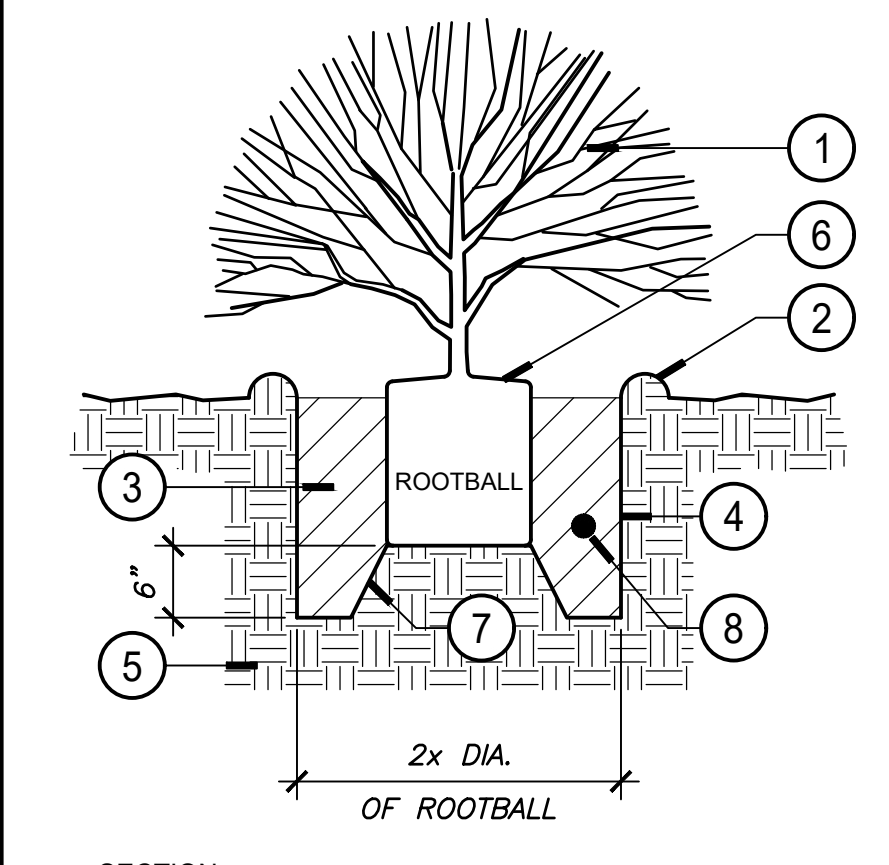
**PLANTING NOTES**

- REFER TO PLANTING SPECIFICATIONS AND DETAILS FOR SOIL PREPARATION, FERTILIZATION, MULCHING AND OTHER PLANTING INFORMATION.
- NOTIFY THE OWNER'S AUTHORIZED REPRESENTATIVE AND THE CITY INSPECTOR 48 HOURS PRIOR TO COMMENCEMENT OF WORK TO COORDINATE PROJECT INSPECTION SCHEDULES.
- VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS BEFORE PROCEEDING WITH THE WORK. NOTIFY LANDSCAPE ARCHITECT IMMEDIATELY SHOULD FIELD CONDITIONS VARY FROM THOSE SHOWN ON PLAN.
- REPORT DISCREPANCIES IN THE DRAWINGS OR BETWEEN THE DRAWINGS AND ACTUAL FIELD CONDITIONS TO THE LANDSCAPE ARCHITECT. CORRECTED DRAWINGS OR INSTRUCTION SHALL BE ISSUED PRIOR TO THE CONTINUATION OF THIS WORK. ASSUME FULL RESPONSIBILITY FOR ALL NECESSARY CORRECTIONS DUE TO FAILURE TO REPORT KNOWN DISCREPANCIES.
- LOCATE ALL EXISTING UTILITIES WHETHER SHOWN HEREON OR NOT AND PROTECT THEM FROM DAMAGE. NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY AND ASSUME FULL RESPONSIBILITY FOR EXPENSE OF REPAIR OR REPLACEMENT IN CONJUNCTION WITH DAMAGED UTILITIES.
- LOCATION OF N.I.C. CONSTRUCTION ELEMENTS SUCH AS LIGHTS, SIGNS, VENTS, HYDRANTS, TRANSFORMERS, ETC. ARE APPROXIMATE. NOTIFY THE LANDSCAPE ARCHITECT IMMEDIATELY SHOULD THE LOCATION OF THESE ITEMS INTERFERE WITH THE PROPER EXECUTION OF WORK.
- PROVIDE PRE-PLANT WEED CONTROL IN ALL PROPOSED PLANTER AREAS, PER SPECIFICATIONS, PRIOR TO START OF PLANTING. WEED CONTROL INCLUDES ERADICATION OF ALL EXISTING WEED PLANTS, AS WELL AS VIABLE SEEDS AND ROOTS. USE A NON-SELECTIVE SYSTEMIC CONTACT HERBICIDE, APPLIED PER MANUFACTURER'S RECOMMENDATIONS AND LEAVE SPRAYED PLANTS INTACT FOR AT LEAST 14 DAYS BEFORE REMOVING BY MOWING OR GRUBBING. APPLY WATER BY IRRIGATION OR BY HAND FOR 10 DAYS AS REQUIRED TO ACHIEVE WEED GERMINATION, AND THEN RE-APPLY CONTACT HERBICIDES PER ABOVE. REPEAT AS REQUIRED TO ELIMINATE ALL WEEDS PRIOR TO PROCEEDING WITH PLANTING OPERATIONS.
- OBTAIN ALL SOIL FOR LANDSCAPE PLANTING AREAS OR BERMS FROM ON-SITE EXCAVATIONS. SHOULD IMPORT SOIL BE NECESSARY, SUBMIT IMPORT SOIL TESTING RESULTS FOR APPROVAL PRIOR TO IMPORTATION. SOIL SHALL BE SANDY LOAM CONTAINING NO TOXIC CHEMICALS OR ELEMENTS WHICH MAY INHIBIT OR RETARD NORMAL PLANT GROWTH.
- BEFORE BIDDING AND AFTER ROUGH GRADES HAVE BEEN ESTABLISHED IN PLANTING AREAS, HAVE SOIL SAMPLES TAKEN AT THE LOCATIONS INDICATED ON PLANTING PLAN. HAVE SAMPLES TESTED BY WAYPOINT ANALYTICAL, (800) 264-4522, FOR SOIL FERTILITY. TAKE TWO SAMPLES AT EACH LOCATION: (1) GROUND LEVEL TO 10" DEEP, (2) 24" TO 36" DEEP. EACH SAMPLE SHALL CONTAIN APPROXIMATELY 1 QUART OF SOIL, TO BE LABELED PER LOCATION AND DEPTH. INSTALL SOIL PREPARATION AND BACK FILL MIX TO CONFORM TO THESE RECOMMENDATIONS ONLY UPON RECEIPT OF WRITTEN CHANGE ORDER FROM THE OWNER. SUBMIT SOIL REPORT TO LANDSCAPE ARCHITECT PRIOR TO PLANTING.
- ENSURE THAT ROUGH GRADING HAS BEEN CERTIFIED BY CIVIL ENGINEER AND THAT CIVIL ENGINEER OR OWNER'S AUTHORIZED REPRESENTATIVE HAS APPROVED FINE GRADING TO 1/4" OF A FOOT PRIOR TO BEGINNING SOIL PREPARATION OPERATIONS. PROVIDE FOR INCLUSION OF ALL AMENDMENTS, SETTLING, ETC. IN DETERMINATION OF FINAL GRADES.
- ASSURE POSITIVE DRAINAGE IN ALL PLANTING AREAS, 2% MINIMUM.
- LOCATE AND TAG ALL PLANT MATERIAL. MATERIAL SHALL BE IN CONFORMANCE WITH PLANTING PLAN DESCRIPTIONS AND SPECIFICATIONS. ALL PLANT MATERIAL IS SUBJECT TO REVIEW AND APPROVAL PRIOR TO INSTALLATION. PROVIDE PHOTOS OF REPRESENTATIVE EXAMPLES OF EACH TAGGED BLOCK TO LANDSCAPE ARCHITECT MINIMUM 21 DAYS BEFORE ANTICIPATED DELIVERY. PHOTOS SHALL INCLUDE A PERSON FOR SCALE PURPOSES. LANDSCAPE ARCHITECT MAY OPT TO REVIEW MATERIAL AT GROWING NURSERY. MATERIAL DELIVERED TO THE SITE MAY BE REJECTED BASED ON UNHEALTHY APPEARANCE OR NON-CONFORMANCE WITH SPECIFICATIONS EVEN IF PREVIOUSLY REVIEWED BY THE LANDSCAPE ARCHITECT OR THE OWNER.
- FINAL LOCATION OF ALL PLANT MATERIALS SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER'S AUTHORIZED REPRESENTATIVE.
- PLANTING QUANTITIES ARE GIVEN FOR CONVENIENCE ONLY. PLANT SYMBOLS AND SPECIFIED SPACING SHALL TAKE PRECEDENCE.
- AT EDGES OF PLANTING AREAS, THE CENTER LINE OF THE LAST ROW OF SHRUBS AND/OR GROUND COVER SHALL BE LOCATED AT ONE-HALF THE SPECIFIED ON CENTER SPACING FROM THE EDGE.
- INSTALL GROUND COVER AND/OR SHRUB MASSES WITH TRIANGULAR SPACING UNLESS OTHERWISE INDICATED.
- ALL CURVE TO CURVE AND CURVE TO TANGENT LINES SHALL BE NEAT, TRIM, SMOOTH AND UNIFORM.
- REMOVE ALL NURSERY STAKES AND ESPALIER RACKS IMMEDIATELY AFTER INSTALLATION UPON PROVIDING SUPPORT PER PLAN.
- DURING THE LENGTH OF THE GUARANTEE PERIOD, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER STAKING AND/OR GUYING OF TREES TO ENSURE STABILITY.
- MULCH ALL LANDSCAPE AREAS (EXCLUDING TURF AND BIO-RETENTION BASIN BOTTOMS) WITH A 3" DEEP LAYER OF 5"-1.5" FOREST FLOOR BARK MULCH BY AGUINAGA GREEN OR APPROVED EQUAL, AT THE CONCLUSION OF PLANTING OPERATIONS. SUBMIT SAMPLE TO LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
- KEEP BARK MULCH 4-INCHES CLEAR FROM BASE OF TREES, SHRUBS, GRASSES, AND SUCCULENTS.
- CONTRACTOR SHALL REPLACE ANY EXISTING PLANT MATERIAL WHICH IS DAMAGED BY CONSTRUCTION OPERATIONS. REPLACEMENT PLANT MATERIAL MUST BE OF MATCHING SPECIES, INSTALLED FROM THE FOLLOWING MINIMUM SIZE: 15-GALLON TREE, 1-GALLON SHRUB, FLATTED GROUND COVER AND SODDED TURF.
- INSTALLATIONS THAT ARE ADJACENT OPEN SPACE, NATURALIZED SLOPES OR UNDEVELOPED LAND ARE SUBJECT TO DAMAGE BY RODENTS OR DEER AND SHALL BE TREATED WITH AN APPROPRIATE REPELLENT IN A SPRAY AND/OR TABLET FORM. REPELLENT BY GROPELOR OR APPROVED EQUAL, THAT PROVIDES IMMEDIATE AND LONG TERM PROTECTION, SHALL BE USED.
- INSTALL EROSION CONTROL MAT ON SLOPES 2:1 AND STEEPER. SECURE WITH 12" LONG GALVANIZED SOIL STAPLES 12" O.C. HORIZONTALLY ALONG SLOPE AND 5' O.C. VERTICALLY DOWN THE SLOPE. PROVIDE MINIMUM 3" OVERLAP AT TOP AND BOTTOM AND MINIMUM 4" OVERLAP ALONG SIDES. 3
- ROOT BARRIERS SHALL BE INSTALLED AT ALL TREES WITHIN 5 FEET OF ANY HARDSCAPE, PAVEMENT OR CURB. ROOT BARRIERS ARE TO BE 1/2" x 24" x 2" DEEP ROOT CORPORATION, (800) 458-7868, INSTALLED PER MANUFACTURER'S SPECIFICATIONS. NOTE: ROOT BARRIERS SHALL NOT BE WRAPPED AROUND THE ROOTBALL. ROOT BARRIERS INSTALLED ADJACENT TO A BIOSWALE SHALL NOT INTERFERE WITH DRAINAGE TO OR FROM THE BIOSWALE SYSTEM.
- ANNUAL COLOR TO BE SELECTED BY LANDSCAPE ARCHITECT AT TIME OF INSTALLATION. REQUEST RECOMMENDATION A MINIMUM OF 48 HOURS IN ADVANCE OF NEED FOR DELIVERY.



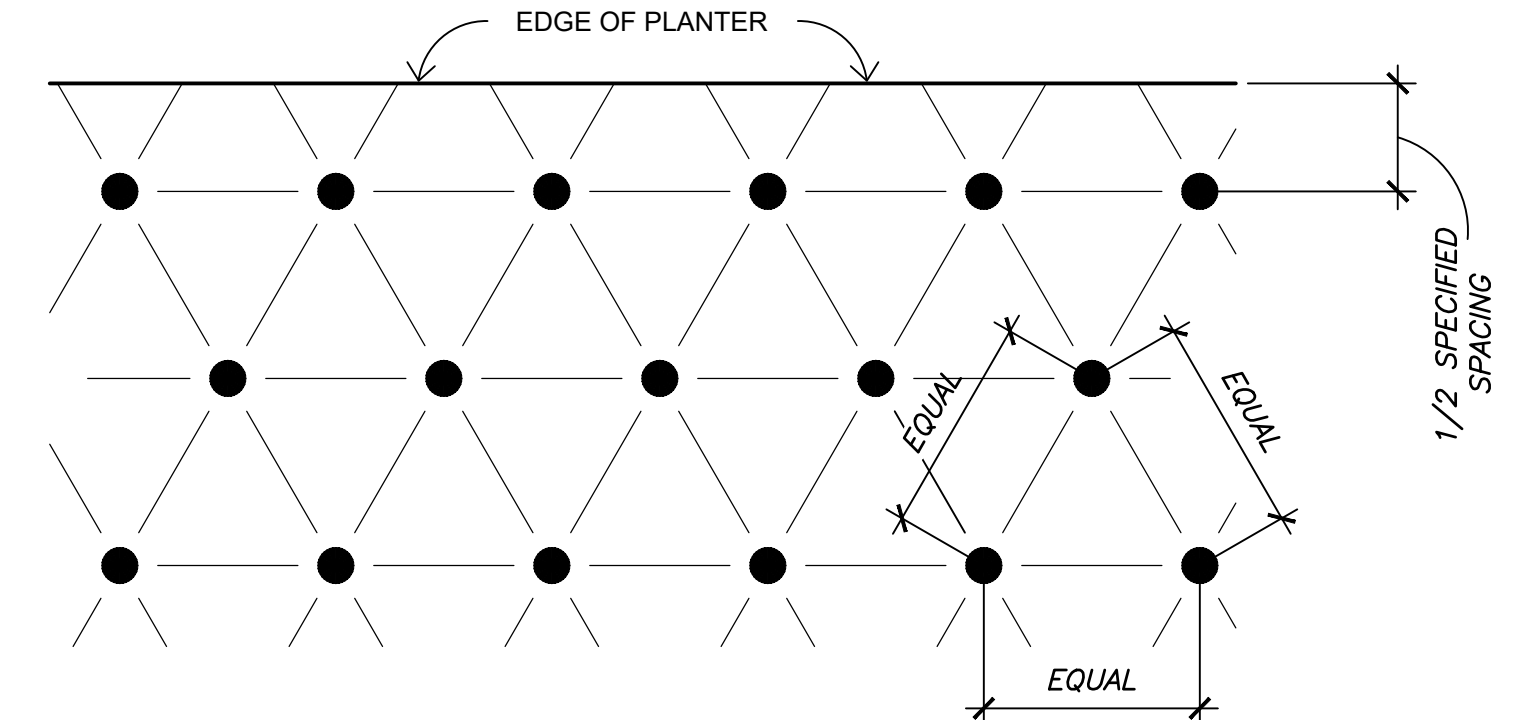
- LEGEND:**
- (4) VIT RUBBER "CINCH TIES" - ATTACH TO WOOD STAKES IN A FIGURE EIGHT PATTERN WITH GALVANIZED ROOFING NAILS.
  - (2) 2" DIA. X 10' WOOD STAKES FOR 24" BOX AND SMALLER TREES OR (2) 3" DIA. X 10' WOOD STAKES FOR 36" BOX AND LARGER TREES. STAKES TO BE UNTREATED LODGEPOLE PINE WITH TAPERED POINTS AND CHAMFERED TOPS. CUT TOP OF STAKES IF DIRECTED BY LANDSCAPE ARCHITECT. DO NOT ALLOW TOP OF STAKES TO EXTEND INTO TREE CANOPY. LONGER 12' LONG STAKES ARE TO BE USED, AS NECESSARY, TO PROVIDE ADDITIONAL SUPPORT FOR TALL AND/OR TOP-HEAVY TREES.
  - WATER BASIN - 3" MINIMUM DEPTH. REMOVE BASIN IN LAWN AREAS AND AS DIRECTED BY LANDSCAPE ARCHITECT.
  - AMENDED BACKFILL PER SPECIFICATIONS.
  - SCARIFY SIDES AND BOTTOM OF TREE PIT.
  - NATIVE UNDISTURBED SOIL.
  - AFTER SETTLING TREE, SET TOP OF ROOTBALL 3" ABOVE SURROUNDING FINISH GRADE AND SLOPE GRADE FOR DRAINAGE.
  - CREATE A 45 DEGREE CHAMFERED PEDESTAL FROM UNDISTURBED NATIVE SOIL TO REDUCE TREE SETTLEMENT.
  - INSTALL (2) 4" DIA. SDR 35 PERFORATED SEWER STANDPIPE WITH DRAIN SOCK AT OPPOSITE SIDES OF TREE PIT. PAINT TOP 6" OF STANDPIPE BLACK. TERMINATE TOP OF STANDPIPES WITH BLACK NDS #11 (4" ROUND) GRATES. INSTALL TOP OF GRATE 2" ABOVE FINISH GRADE. ORIENT STANDPIPES IN SAME LOCATION AT EACH TREE GROUPING TO FACILITATE VERIFICATION AND MAINTENANCE. STANDPIPES TO BE LOCATED IN OPPOSING CORNERS OF PLANT PIT.
  - TREE - PLUMB AND CENTER IN PIT.
  - PLANT TABLET PER SPECIFICATION.
- NOTES:**
- ENSURE THAT TREE TIES ARE INSTALLED LOOSE ENOUGH TO ALLOW FOR ADEQUATE TRUNK MOVEMENT.
  - INSTALL STANDPIPE FOR 24" BOX TREES AND LARGER TREES ONLY.
  - SCOPE BOTTOM OF PLANT PIT TO SUMP AT 2% MINIMUM.
  - KEEP MULCH 4" CLEAR OF TRUNK, TYPICAL.
  - AT TURF AREAS, MAINTAIN TURF AT 12" CLEAR FROM BASE OF TRUNK AND INSTALL 'ARBOR GARD' TRUNK PROTECTOR.

**A TREE PLANTING** SCALE: 3/8" = 1'-0"



- LEGEND:**
- SHRUB - PLUMB AND CENTER IN PIT.
  - WATER BASIN - 3" MINIMUM DEPTH. REMOVE BASIN IN LAWN AREAS AND AS DIRECTED BY LANDSCAPE ARCHITECT.
  - AMENDED BACKFILL PER SPECIFICATIONS.
  - SCARIFY SIDES AND BOTTOM OF SHRUB PIT.
  - NATIVE UNDISTURBED SOIL.
  - AFTER SETTLING SHRUB, SET TOP OF ROOTBALL 1" ABOVE SURROUNDING FINISH GRADE AND SLOPE GRADE FOR DRAINAGE.
  - CREATE A 45 DEGREE CHAMFERED PEDESTAL FROM UNDISTURBED NATIVE SOIL TO REDUCE TREE SETTLEMENT.
  - PLANT TABLET PER SPECIFICATION.
- NOTES:**
- KEEP MULCH 4" CLEAR OF CROWN, TYPICAL.
  - ROOTS MUST NOT BE ROOT BOUND. LOOSEN ANY TIGHTLY PACKED ROOTS.

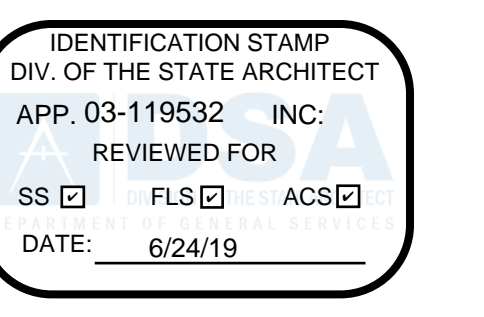
**B SHRUB PLANTING** SCALE: 3/4" = 1'-0"



- NOTES:**
- ALL SHRUBS / GROUND COVERS TO BE PLANTED AT EQUAL SPACING (TRIANGULAR) UNLESS OTHERWISE INDICATED ON PLANS. SEE LEGEND FOR SPACING REQUIREMENTS.
  - PLANT MATERIAL AT THE EDGE OF PLANTER AREAS SHALL BE LOCATED 1/2 OF THE ON-CENTER SPACING DISTANCE INDICATED IN THE LEGEND. FOR EXAMPLE, IF SPACING IS INDICATED AS 24" ON CENTER, PLANTS AT THE EDGE OF THE PLANTER SHALL BE LOCATED 12" FROM THE EDGE.
  - PLANT SPACING INDICATED IN THE PLANTING LEGEND IS THE MAXIMUM ALLOWED SPACING. IN NARROW PLANTER AREAS, SPACING MAY NEED TO BE REDUCED IN ORDER TO MAINTAIN THE MAXIMUM ON-CENTER SPACING AND SPACING FROM EDGE OF PLANTER AS INDICATED ON THIS DETAIL.

**C SHRUB & GROUND COVER SPACING** SCALE: 3/4" = 1'-0"

FOR PLANTING PLAN - SEE SHEET L6.1  
FOR LANDSCAPE SPECIFICATIONS - SEE BOOK SPECS

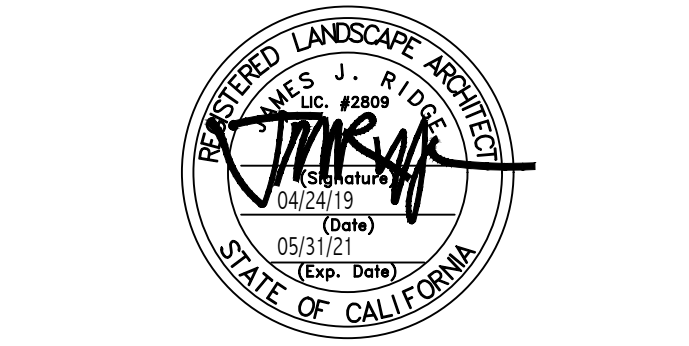


FILLMORE HIGH SCHOOL - NEW CTE BUILDINGS

FILLMORE UNIFIED SCHOOL DISTRICT  
555 Central Ave. Fillmore, CA. 93015

ISSUED FOR:	11/16/2017
SCHEMATIC DESIGN	09/21/2018
DESIGN DEVELOPMENT	12/07/2018
CONSTRUCTION DOCUMENTS	11/09/2018
50% CD	12/10/2018
95% CD	12/21/2018
DSA SUBMITTAL	5/08/2019
DSA BACKCHECK	

REVISIONS:

REGISTRATION/SIGNATURE:

SHEET TITLE:  
PLANTING DETAILS

SHEET NUMBER:  
**L7.1**

WD PROJ #	DRAWN BY:	CHECKED	DATE
18413	RLA	RLA	5/08/2019

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