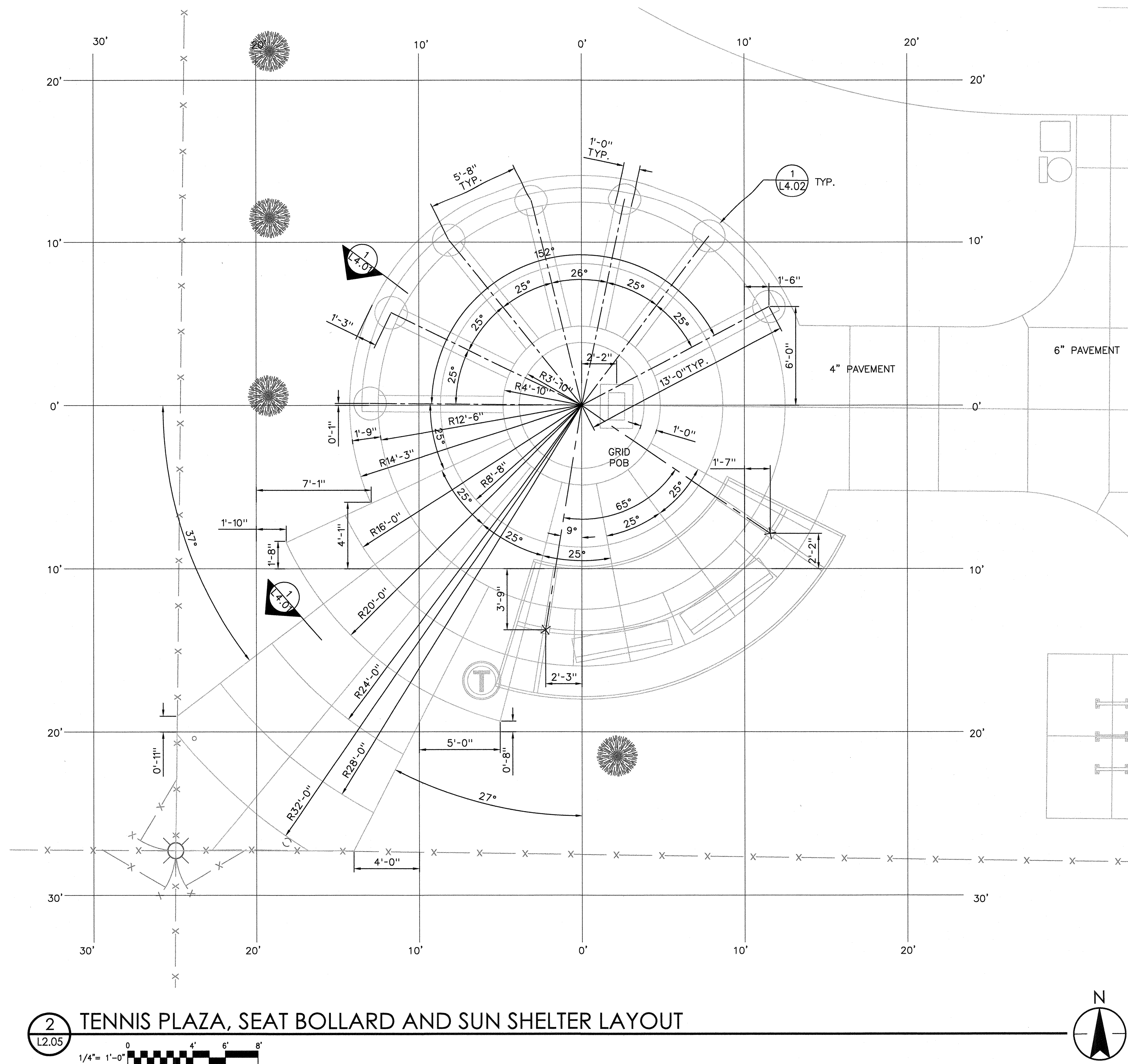
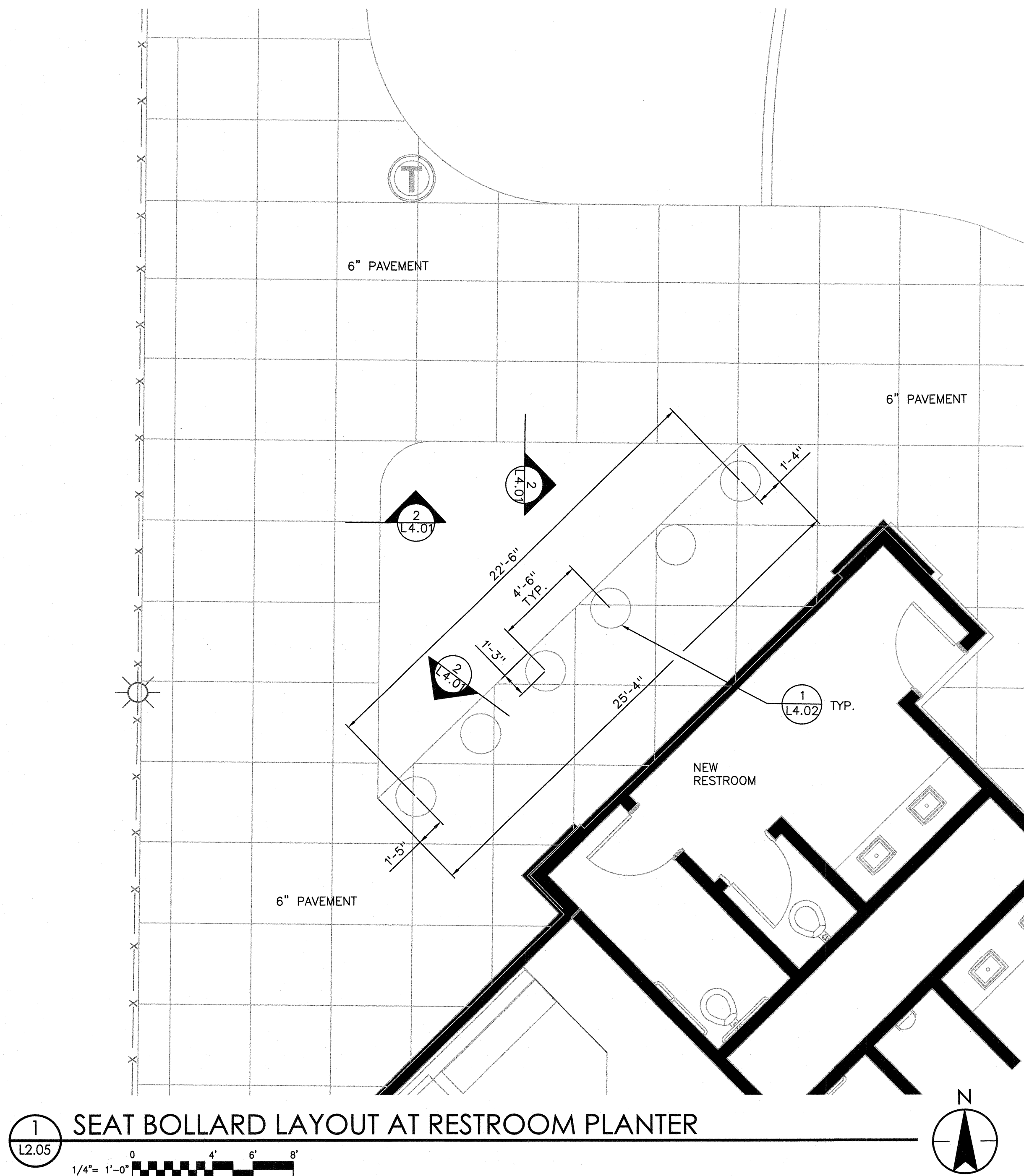




PLAY AREA LAYOUT NOTES

- LAYOUT INFORMATION IS BASED ON A 10-FT X 10-FT GRID WITH ITS BASELINE DETERMINED BY A RADIUS POINT OF THE ADJACENT CONCRETE PAVEMENT THAT IS TIED TO THE HORIZONTAL CONTROL SHOWN ON THE CIVIL PLANS. IF EQUIPMENT IS TO BE FIELD SURVEY LOCATED, A CAD FILE OF THIS PLAN CAN BE MADE AVAILABLE AFTER AWARD OF CONTRACT. A RELEASE OF LIABILITY FOR CAD FILE WILL BE REQUIRED TO BE SIGNED BEFORE ITS RELEASE.
- GRID LAYOUT IS BASED ON A N 0°-0°-0° E AXIS.
- SEE SPECIFICATIONS FOR ALL WORK ASSOCIATED WITH THIS PROJECT.
- SEE OTHER DRAWINGS IN THIS PLAN SET FOR DEMOLITION, SITE WORK, GRADING, HORIZONTAL CONTROL, UTILITIES, ELECTRICAL AND SITE DETAILS FOR CONSTRUCTION OF PLAY AREA IMPROVEMENTS.



REVISIONS

NO.	DESCRIPTION

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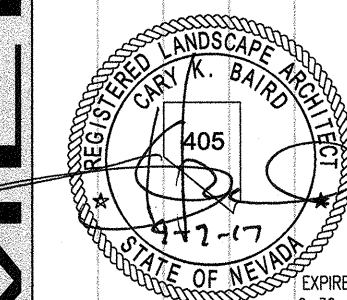
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RENOVATION

TENNIS PLAZA AND SEAT BOLLARD
LAYOUT PLAN

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FILE	180101443
DATE	9/7/2017
SCALE	SEE PLAN
BD NO	17.54875.JH
CLV DWG NO	640.27-7
Hansen 54875	
SHT NO	

L2.05

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PLANTING GENERAL NOTES

1. THIS IS AN EXISTING PARK. CONTRACTOR IS REQUIRED TO VISIT AND FAMILIARIZE HIMSELF WITH THE PARK DURING BID AND ACCOUNT FOR EXISTING CONDITIONS TO REMAIN AND PROTECT OR SPECIFIED AS NEW IN THEIR BID.
2. BEFORE WORK BEGINS ON THE PROJECT, CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION CONFERENCE WITH CITY CONSTRUCTION MANAGER TO REVIEW THE PROJECT. THE CITY'S CONSTRUCTION MANAGER IS TO APPROVE ANY CHANGES PRIOR TO THE START OF ANY WORK.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL PLANT MATERIAL LOCATIONS WITH OTHER TRADES PRIOR TO INSTALLATION. THE CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH THE LOCATIONS OF EXISTING AND FUTURE UNDERGROUND SERVICES AND IMPROVEMENTS WHICH MAY CONFLICT WITH THE WORK TO BE DONE. PRIOR TO THE START OF WORK, ALL UNDERGROUND UTILITIES SHALL BE LOCATED AND PROTECTED. EXISTING UNDERGROUND SERVICES SHALL NOT BE DISTURBED OR REMOVED UNLESS SPECIFICALLY NOTED OTHERWISE ON DRAWINGS.
4. PLANTING DESIGN MAY BE MODIFIED TO ADAPT TO EXISTING CONDITIONS THAT DIFFER FROM THESE PLANS, AND DUE TO GRADE LIMITATIONS ON SITE, SPECIFICALLY EXISYING PLANTING LOCATIONS.
5. ALL PLANTS SHALL BE OF VARIETIES AND TYPES SPECIFIED AND PURCHASED FROM GROWERS OR COMPANIES THAT ARE APPROVED BY THE AMERICAN NURSERY ASSOCIATION OR THE ARIZONA NURSERY ASSOCIATION. PLANTS SPECIFIED WERE VERIFIED AS "AVAILABLE" DURING DESIGN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE PLANTS FROM NURSERIES OUTSIDE NEVADA IF NOT AVAILABLE LOCALLY. ALL DELIVERY COSTS SHALL BE INCLUDED IN THE BID. ADDITIONAL COSTS INCURRED AFTER AWARD SHALL BE CONTRACTOR'S RESPONSIBILITY. NO CHANGE ORDER WILL BE ACCEPTED BY THE CITY. ALL PLANTS SHALL BE SECURED FOR THIS PROJECT NO LATER THAN 30 DAYS AFTER PROJECT NOTICE TO PROCEED.
6. VERIFY PLANT QUANTITIES DURING BIDDING AND PRIOR TO INSTALLATION. QUANTITIES ARE LISTED FOR CONVENIENCE ONLY, THE ACTUAL NUMBER OF SYMBOLS SHOWN ON THE PLANTING PLANS SHALL HAVE PRIORITY OVER QUANTITIES LISTED WITHIN THE LANDSCAPE MATERIAL SCHEDULES. THE CONTRACTOR SHALL FURNISH ALL PLANT MATERIAL NECESSARY TO COMPLETE THE PLANTINGS AS SHOWN ON THE PLANS.
7. CLARIFICATION OF DISCREPANCIES BETWEEN THE CONSTRUCTION DOCUMENTS AND THE SITE SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE CITY'S CONSTRUCTION MANAGER.
8. ONLY THE OWNER'S REPRESENTATIVE AND CITY URBAN FORESTER MAY APPROVE ANY SUBSTITUTION REQUESTED.
9. ALL PLANT MATERIAL MUST BE MAINTAINED IN HEALTH AND VIGOR, AND BE ALLOWED TO ATTAIN NATURAL SIZE AND SHAPE IN ACCORDANCE WITH NATIONAL AND ARIZONA NURSERY ASSOCIATION SPECIFICATIONS.
10. UPON DELIVERY, ALL PLANT MATERIAL IS SUBJECT TO INSPECTION BY URBAN FORESTER PRIOR TO ACCEPTANCE. CITY'S CONSTRUCTION MANAGER RESERVES THE RIGHT TO REFUSE ANY PLANT MATERIAL DEEMED UNACCEPTABLE, EVEN AFTER DELIVERY TO THE SITE.
11. SHRUBS/GROUNDCOVERS AS SHOWN BY SIZE OF CIRCLE ON PLANS MUST BE PLACED NO CLOSER THAN 3'-0" FROM EDGE OF PAVEMENTS, PUBLIC ACCESS-WAYS, OR BACK OF CURBS UNLESS STATED OR DETAILED DIFFERENTLY ON THE PLANS OR AS DIRECTED BY THE CITY CONSTRUCTION MANAGER.
12. PLANTING METHODS, SOIL AMENDMENT QUANTITIES (IF ANY), AND PREPARATION METHODS SHALL BE ACCORDING TO THE PLANTING SPECIFICATIONS AND DETAILS.
13. ALL PLANTING AREAS SHALL RECEIVE WEED CONTROL/ PRE-EMERGENT HERBICIDES PER THE GUIDELINES SET FORTH IN THE SPECIFICATIONS AND DETAILS. RE-APPLY HERBICIDES AS NECESSARY TO COMPLETELY KILL NOXIOUS MATERIAL, INCLUDING WEEDS, BERMUDA GRASS. REMOVE ANY DEBRIS AND PROPERLY DISPOSE OF OFF-SITE.
14. DECORATIVE ROCK SHALL COVER ALL LANDSCAPE PLANTER AREAS. ROCK SHALL BE INSTALLED UNIFORMLY.
15. CONTRACTOR SHALL SUBMIT COLOR DIGITAL PHOTOGRAPHS (MINIMUM 300 DPI RESOLUTION) OF ALL PLANT MATERIALS SPECIFIED PRIOR TO ORDERING FOR REVIEW AND APPROVAL. PHOTOS SHALL INCLUDE A READABLE MEASURING STICK (ENGLISH UNITS) FOR PLANT SIZE VERIFICATION OR PERSON WITH PERSON SIZE LABELED ON PHOTO.
16. PLANT WARRANTY – SEE SPECIFICATIONS.

TURF AND ROCK GROUNDCOVER		
SYMBOL	QTY. (SF)	DESCRIPTION
	-	EXISTING TURF AREA TO REMAIN AND PROTECT EXCEPT AREAS IMPACTED BY NEW CONSTRUCTION
	40,430	NEW TURF (SOD)
	-	EXISTING LANDSCAPE ROCK MULCH TO REMAIN AND PROTECT (NO PATTERN)
	56,510	LANDSCAPE PLANTERS TO RECEIVE A 2-INCH DEPTH OF 1/2" MINUS DECOMPOSED GRANITE. COLOR: GOLD.

PLANT SCHEDULE (TOTAL QUANTITIES)						
TREES						
SYMBOL	QTY.	BOTANICAL NAME.	COMMON NAME	CONTAINER SIZE	MIN. SPEC. SIZE HT.xWD.	MATURE SIZE HT.xWD.
	8	EYSENHARDTIA ORTHOCARPA (2)	KIDNEYWOOD	24" BOX OR 30 GALLON	6'x3' 1" CAL./SEMI-M	20'x12'
	4	CHILOPSIS LINEARIS 'LOPUR' PPAF (1)	DESERT WILLOW DAZZLEWINE	24" BOX	6'x3' 1" CAL./M	20'x15'
	10	CELTIS OCCIDENTALIS	HACKBERRY	24" BOX	6'x3' 1" CAL./S	30'x20'
	13	GLEDITSIA TRICANTHOS VAR INERMIS 'SHADEMASTER'	SHADEMASTER HONEYLOCUST	24" BOX	6'x3' 1" CAL./S	30'x20'
	6	SAPINDUS SAPONARIA DRUMMONDII (2)	WESTERN SOAPBERRY	30 GALLON	6'x3' 0.75"-1.25"/S/M	30'x20'
	2	QUERCUS CANBYI (2)	CANBY OAK	24" BOX	6'x3' 0.75"-1.25"/S	40'x40'

(1) TRADEMARK TREES-NO SUBSTITUTIONS. PROOF OF PURCHASE AND TAGS REQUIRED AT PLANTING FOR INSPECTION

(2) KNOWN SUPPLIERS: 'WESTERN SOAPBERRY': FAR SOUTH WHOLESALE NURSERY, AUSTIN TX (512) 291-4648, 'CELTIS OCCIDENTALIS': SCHWOPE BROTHERS TREE FARM, ATHERTON, MO (913) 515-2847 OR BIG RED TREE FARM, ADA, OK (806) 676-2500, CANBY OAK: MOUNTAIN STATES WHOLESALE NURSERY, AZ (623) 764-1027.

PLANT SCHEDULE (TOTAL QUANTITIES)						
SHRUBS/GROUNDCOVERS/ACCENTS						
SYMBOL	QTY.	BOTANICAL NAME.	COMMON NAME	CONTAINER SIZE	MINIMUM SIZE HT.xWD.	MATURE SIZE
	27	BUXUS MICROPHYLLA JAPONICUM	JAPANESE BOXWOOD	5 GAL.	12"W. x 12"HT.	5'W. x 5'HT.
	29	DALEA CAPITATA	'SIERRA GOLD' DALEA	5 GAL.	14"W. x 6"HT.	4'W. x 8"HT.
	59	EREMOHILA H. 'BLUE BELLS' (1)	'BLUE BELLS' EREMOPHILA	5 GAL.	8"W. x 3" HT.	3'W. x 2'HT.
	137	HESPERALOE X 'BREAKLIGHTS'	'BREAKLIGHTS' YUCCA	3 GAL.	8"W. x 8"HT.	2'W. x 2'HT.
	111	HESPERALOE X 'PINK PARADE'	'PINK PARADE' FALSE YUCCA	5 GAL.	10"W. x 10"HT.	3'W. x 3'HT.
	32	HESPERALOE FUNIFERA'	GIANT HESPERALOE	5 GAL.	12"W. x 14"HT.	6'W. x 6'HT.
	53	LANTANA X 'NEW GOLD'	GOLD MOUND LANTANA	5 GAL.	10"W. x 4"HT.	4'W. x 12"HT.
	53	LEUCOPHYLLUM L. 'LYNN'S LEGACY'	'LYNNS LEGACY' RANGER	5 GAL.	10"W. x 10"HT.	5'W. x 5'HT.
	46	PYRACANTHA HYBRID 'TINY TIM'	TINY TIM PYRACANTHA	5 GAL.	10"W. x 10"HT.	3'W. x 3'HT.
	83	SIMMONDSIA CHINENSIS 'VISTA'	COMPACT JOJOBA	5 GAL.	10"W. x 10"HT.	4'W. x 4'HT.
	32	TECOMA STANS 'GOLD STAR' (2)	YELLOW BELLS	5 GAL.	10"W. x 12"HT.	8'W. x 8'HT.
	120	TEUCRIUM CHAMAEDRYS	GERMANDER	5 GAL.	12"W. x 4"HT.	3'W. x 2'HT.



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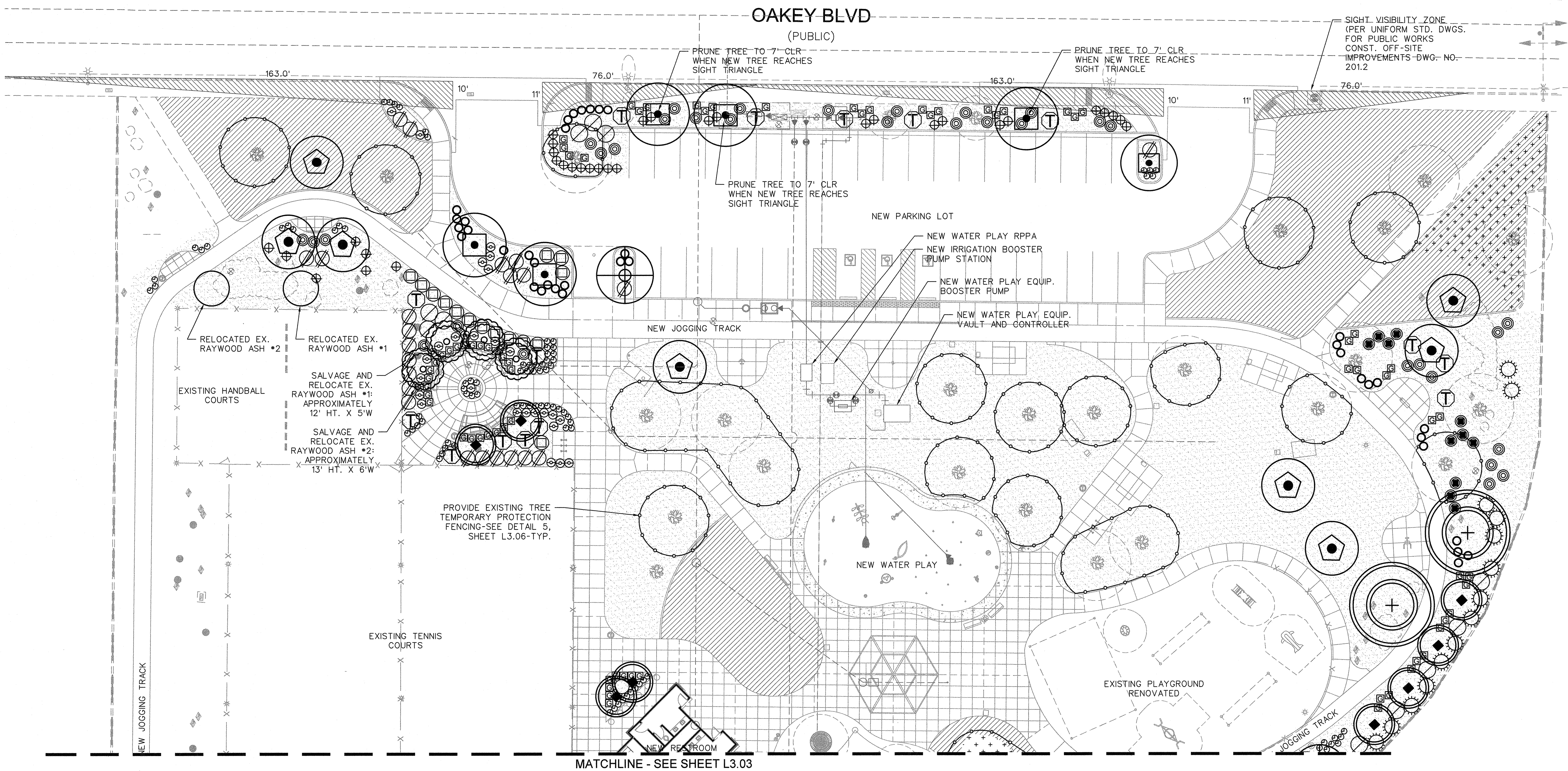
PLANTING NOTES,
LEGENDS AND SCHEDULES

STAMP

OWNER: CITY OF LAS VEGAS
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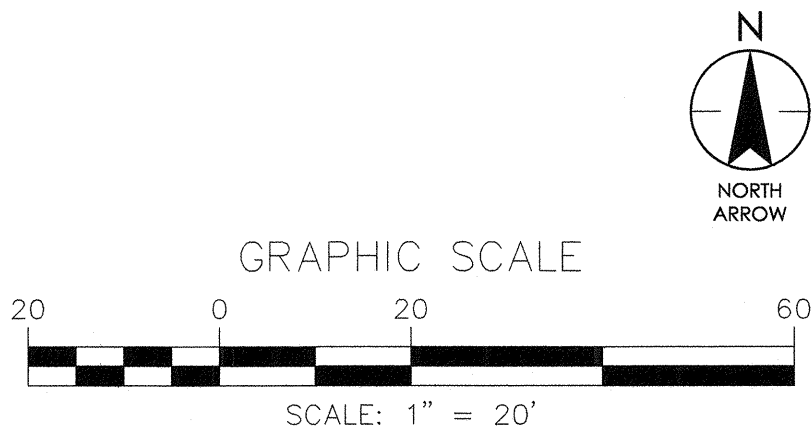
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DATE	9/7/2017
SCALE	SEE PLAN
BID NO	17.54875.JH
CLV DWG NO	640.27-7
Hansen 54875	
SHT NO	L3.01



PLANT SCHEDULE		
TREES		
SYMBOL	QTY.	BOTANICAL NAME. /COMMON NAME
	8	EYSENHARTDIA ORTHOCARPA Kidneywood Tree
	4	CHILOPSIS LINEARIS 'LOPUR' PPAF "Dazzlewine" Desert Willow
	6	CELTIS OCCIDENTALIS Hackberry Tree
	8	GLEDTISIA TRICANTHOS VAR INERMIS 'SHADEMASTER' Honey Locust Tree
	1	SAPINDUS SAPONARIA DRUMMONDII Western Soapberry
	2	QUERCUS CANBYI Canbyi Oak Tree

PLANT SCHEDULE		
SHRUBS		
SYMBOL	QTY.	BOTANICAL NAME. /COMMON NAME
	15	BUXUS MICROPHYLLA JAPONICUM Japanese Boxwood
	15	DALEA CAPITATA 'Sierra Gold' Dalea
	30	EREMOHILA H. 'BLUE BELLS' Blue Bells Eremohila
	89	HESPERALOE PARVIFLORA 'PERPA' 'BREAKLIGHTS' Breaklight Yucca
	38	HESPERALOE X 'PINK PARADE' Pink Parade False Yucca
	11	HESPERALOE FUNIFERA Giant Hesperaloe
	34	LANTANA X 'NEW GOLD' Gold Mound Lantana
	23	LEUCOPHYLLUM L. 'LYNN'S LEGACY' Lynn's Legacy Ranger
	11	PYRACANTHA HYBRID Tiny Tim
	33	SIMMONDSIA CHINENSIS 'VISTA' Compact Jojoba
	15	TECOMA STANS 'GOLD STAR' Yellow Bells
	75	TEUCRIUM CHAMAEDRYS Germander

TURF AND ROCK GROUNDCOVER		
SYMBOL	QTY. (SF)	DESCRIPTION
		EXISTING TURF AREA TO REMAIN AND PROTECT EXCEPT AREAS IMPACTED BY NEW CONSTRUCTION
	9,700	NEW TURF (SOD)
		EXISTING LANDSCAPE ROCK MULCH TO REMAIN AND PROTECT (NO PATTERN)
	30,600	LANDSCAPE PLANTERS TO RECEIVE A 2-INCH DEPTH OF 1/4" MINUS DECOMPOSED GRANITE. COLOR: GOLD.



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www.stantec.com

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RENOVATION
PLANTING PLAN

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DEPARTMENT OF PUBLIC WORKS
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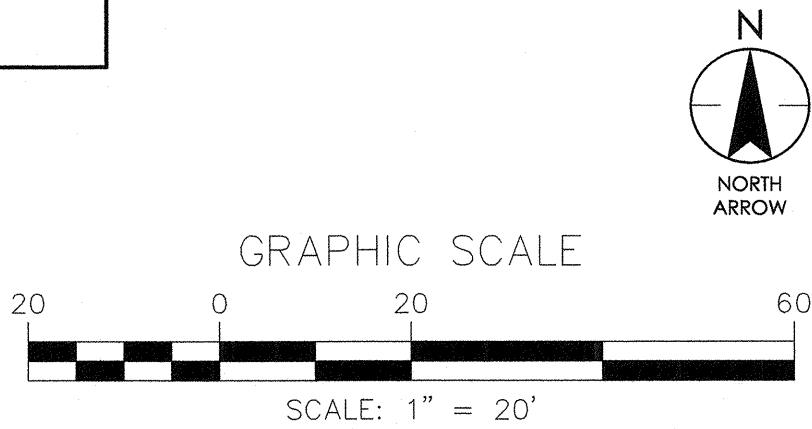
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DATE: 9/7/2017
SCALE: SEE PLAN
BID NO: 17.54875.JH
CLV DWG NO: 640.27-7
Hansen 54875
SHT NO: L3.02



PLANT SCHEDULE		
TREES		
SYMBOL	QTY.	BOTANICAL NAME. /COMMON NAME
	0	EYSENHARDTIA ORTHOCARPA Kidneywood Tree
	0	CHILOPSIS LINEARIS 'LOPUR' PPAF "Dazzlewine" Desert Willow
	0	CELTIS OCCIDENTALIS Hackberry Tree
	3	GLEDITSIA TRICANTHOS VAR INERMIS 'SHADEMASTER' Honey Locust Tree
	2	SAPINDUS SAPONARIA DRUMMONDII Western Soapberry
	0	QUERCUS CANBYI Canbyi Oak Tree

PLANT SCHEDULE		
SHRUBS		
SYMBOL	QTY.	BOTANICAL NAME. /COMMON NAME
	8	BUXUS MICROPHYLLA JAPONICUM Japanese Boxwood
	5	DALEA CAPITATA 'Sierra Gold' Dalea
	0	EREMOHILA H. 'BLUE BELLS' Blue Bells Eremohila
	28	HESPERALOE PARVIFLORA 'PERPA 'BREAKLIGHTS' Breaklight Yucca
	9	HESPERALOE X 'PINK PARADE' Pink Parade False Yucca
	9	HESPERALOE FUNIFERA' Giant Hesperaloe
	8	LANTANA X 'NEW GOLD' Gold Mound Lantana
	7	LEUCOPHYLLUM L. 'LYNN'S LEGACY' Lynn's Legacy Ranger
	19	PYRACANTHA HYBRID Tiny Tim
	19	SIMMONDSIA CHINENSIS 'VISTA' Compact Jajoba
	6	TECOMA STANS 'GOLD STAR' Yellow Bells
	23	TEUCRIUM CHAMAEDRYS Germander

TURF AND ROCK GROUNDCOVER		
SYMBOL	QTY. (SF)	DESCRIPTION
		EXISTING TURF AREA TO REMAIN AND PROTECT EXCEPT AREAS IMPACTED BY NEW CONSTRUCTION
	18,230	NEW TURF (SOD)
		EXISTING LANDSCAPE ROCK MULCH TO REMAIN AND PROTECT (NO PATTERN)
	9,710	LANDSCAPE PLANTERS TO RECEIVE A 2-INCH DEPTH OF 1/4" MINUS DECOMPOSED GRANITE. COLOR: GOLD.



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RENOVATION

PLANTING PLAN

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REGISTERED LANDSCAPE ARCHITECT

405

9-1-17

EXPIRES: 9-30-18

OWNER: CITY OF LAS VEGAS

DEPARTMENT OF PUBLIC WORKS

ARCHITECTURAL SERVICES

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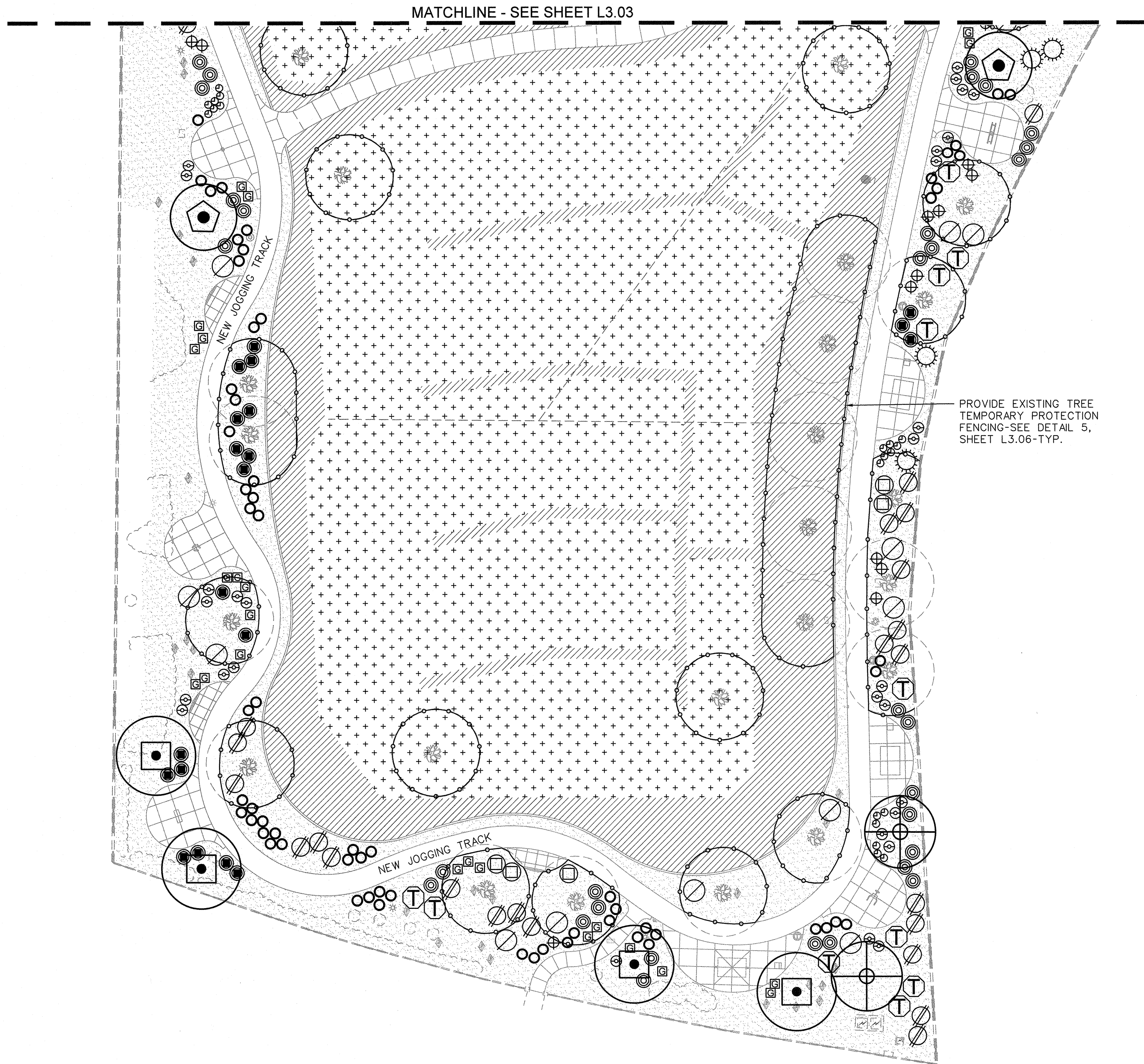
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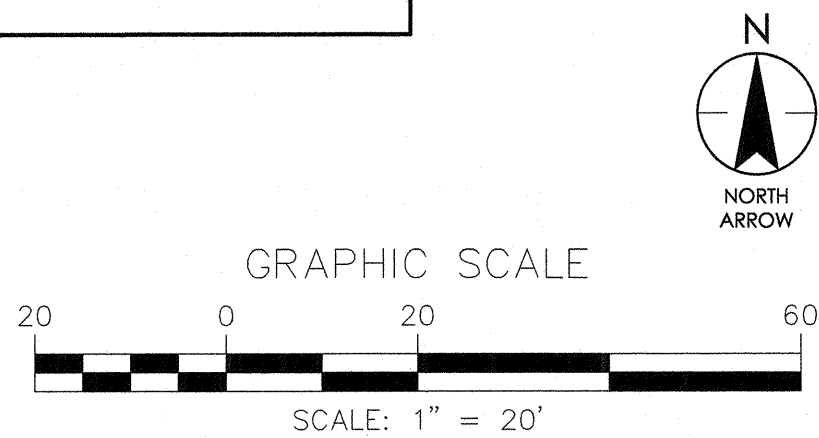
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DATE	9/7/2017
SCALE	SEE PLAN
BID NO	17.54875.JH
CLV DWG NO	640.27-7
Hansen	54875
SHT NO	L3.03



PLANT SCHEDULE		
TREES		
SYMBOL	QTY.	BOTANICAL NAME. /COMMON NAME
	0	EYSENHARDTIA ORTHOCARPA Kidneywood Tree
	0	CHILOPSIS LINEARIS 'LOPUR' PPAF "Dazzlewine" Desert Willow
	4	CELTIS OCCIDENTALIS Hackberry Tree
	2	GLEDTISIA TRICANTHOS VAR. INERMIS 'SHADEMASTER' Honey Locust Tree
	2	SAPINDUS SAPONARIA DRUMMONDII Western Soapberry
	0	QUERCUS CANBYI Canbyi Oak Tree

PLANT SCHEDULE		
SHRUBS		
SYMBOL	QTY.	BOTANICAL NAME. /COMMON NAME
	4	BUXUS MICROPHYLLA JAPONICUM Japanese Boxwood
	5	DALEA CAPITATA 'Sierra Gold' Dalea
	29	EREMOHILA H. 'BLUE BELLS' Blue Bells Eremohila
	20	HESPERALOE PARVIFLORA 'PERPA' Breaklight Yucca
	64	HESPERALOE X 'PINK PARADE' Pink Parade False Yucca
	12	HESPERALOE FUNIFERA' Giant Hesperaloe
	12	LANTANA X 'NEW GOLD' Gold Mound Lantana
	23	LEUCOPHYLLUM L. 'LYNN'S LEGACY' Lynn's Legacy Ranger
	20	PYRACANTHA HYBRID Tiny Tim
	31	SIMMONDSIA CHINENSIS 'VISTA' Compact Jojoba
	11	TECOMA STANS 'GOLD STAR' Yellow Bells
	22	TEUCRIUM CHAMAEDRYS Germander

TURF AND ROCK GROUNDCOVER		
SYMBOL	QTY. (SF)	DESCRIPTION
		EXISTING TURF AREA TO REMAIN AND PROTECT EXCEPT AREAS IMPACTED BY NEW CONSTRUCTION
	12,500	NEW TURF (SOD)
		EXISTING LANDSCAPE ROCK MULCH TO REMAIN AND PROTECT (NO PATTERN)
	16,200	LANDSCAPE PLANTERS TO RECEIVE A 2-INCH DEPTH OF 1" MINUS DECOMPOSED GRANITE. COLOR: GOLD.



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REGISTERED LANDSCAPE ARCHITECT

BOB BASKIN PARK

405

9-7-17

STATE OF NEVADA

EXPIRES: 9-30-19

OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS
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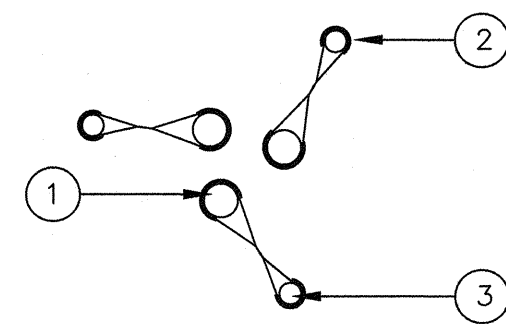
Hansen 54875

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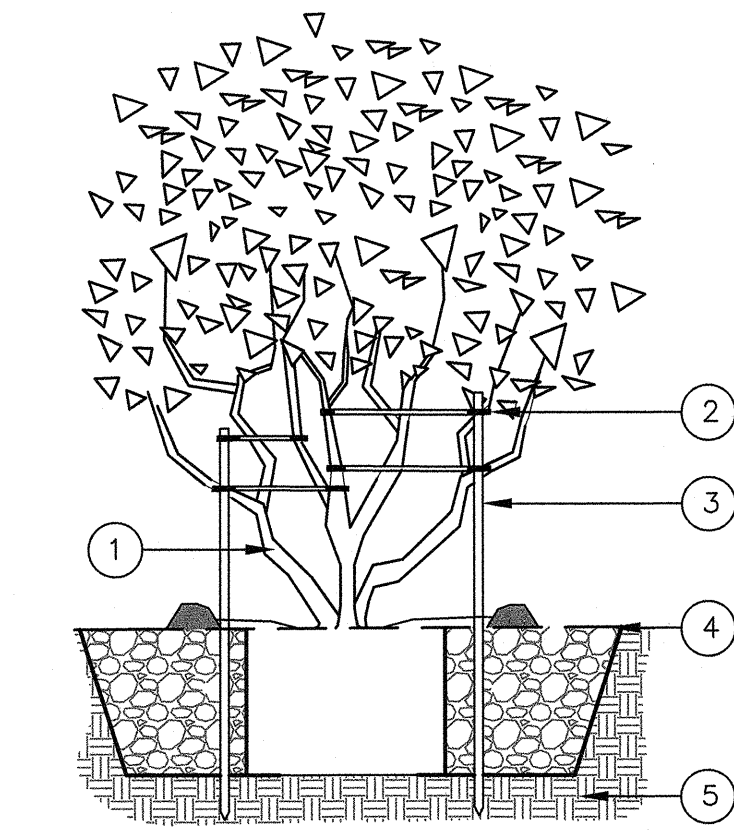
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LEGEND:

- 1 MULTI-TRUNK
- 2 $\frac{1}{2}$ " RUBBER HOSE AND #12 GA. WIRE. MAINTAIN 4"-6" LOOP. SECURE TO LODGE POLE STAKES W/HEAVY DUTY STAPLES. STAKE ONLY IF REQUIRED. THREE ROUND LODGE POLE STAKES SET 6" INTO UNDISTURBED SUBGRADE. CUT OFF
- 3 LODGE POLE WOOD STAKE.
- 4 FINISH GRADE.
- 5 SUBGRADE



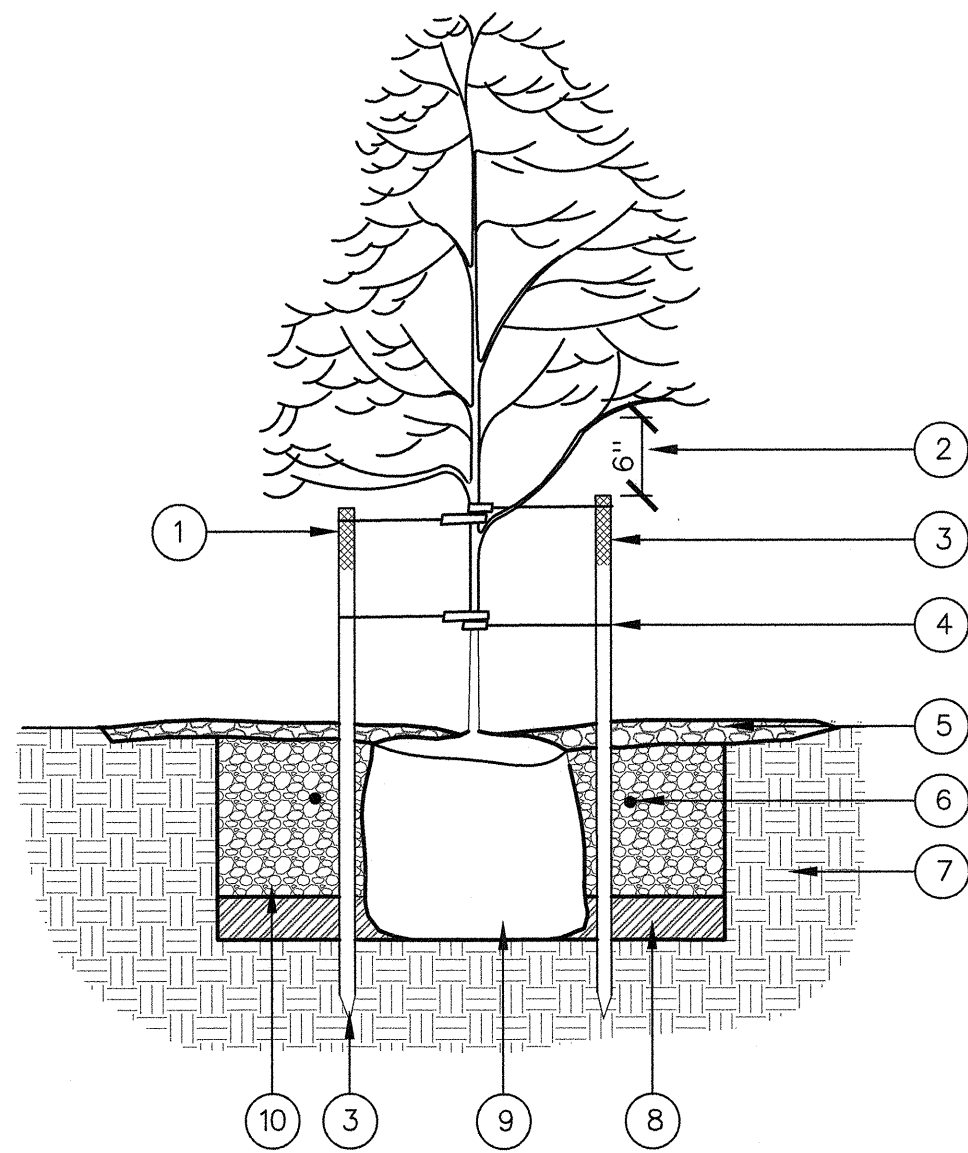
PLAN VIEW



TREE ELEVATION/ROOT BALL SECTION

NOTES:

- a. DO NOT STAKE IF THE TREE IS STRONG ENOUGH WITHOUT STAKING.
- b. TOP OF STAKES TO BE 6" BELOW BOTTOM BRANCHES.
- c. SEE DETAIL 1, THIS SHEET FOR OTHER TREE PLANTING REQUIREMENTS.

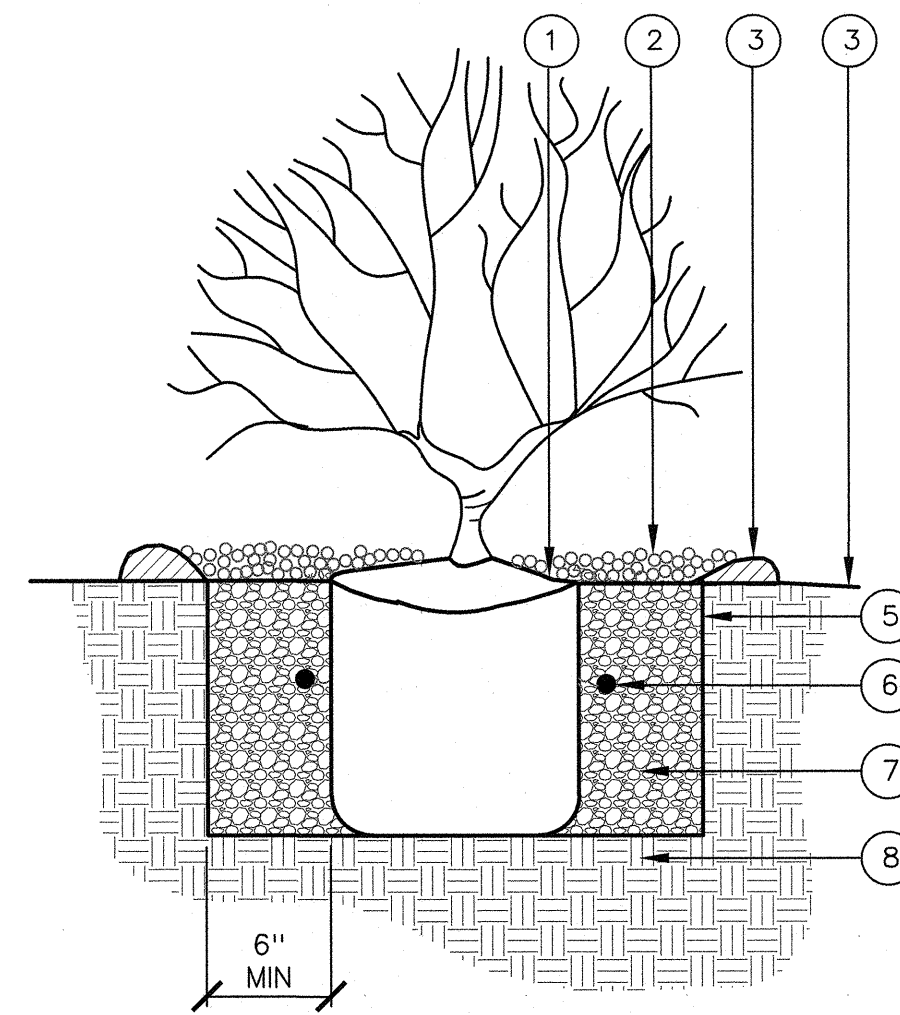


NOTES:

- a. HEIGHT OF STAKE VARIES.
- b. TOP TIE PLACED FOR MAXIMUM SUPPORT.

LEGEND:

- 1 $\frac{1}{2}$ " RUBBER HOSE LOOPED WITH 12 GA. WIRE. MAINTAIN 6-4" LOOP MIN. FOR TREE GROWTH. USE 12 GA. VINYL COATED WIRE, DBL. STRAND FOR TREE TIE. STAPLE WIRE TO TREE STAKE.
- 2 TRIM TREE STAKES 6" BELOW FIRST SCAFFOLD BRANCH.
- 3 2"x2" DOUGLAS FIR STAKE. DRIVE 4" MIN. INTO UNDISTURBED SOIL BELOW ROOT BALL.
- 4 MIDDLE TIES $\frac{1}{2}$ WAY BETWEEN TOP TIES AND GROUND. STAPLE WIRE TO TREE STAKES.
- 5 MULCH
- 6 FERTILIZER TABLETS, 4 TABLETS PER 15 GAL. TREE, TYP.
- 7 UNDISTURBED SUBGRADE
- 8 6" FOOT TAMPED SOIL AROUND THE ROOT BALL TO ENSURE PLANT STABILITY.
- 9 ROOT BALL
- 10 BACKFILL MIXTURE



LEGEND:

- 1 PLANT CROWN OF ROOT BALL AT FINISH GRADE.
- 2 2" GRAVEL MULCH WITH $\frac{1}{2}$ " ON ROOT BALL. TAPER TO BASE OF TRUNK.
- 3 TEMPORARY 3" HIGH BERM (REMOVE WHEN IRRIGATION IS OPERATIONAL).
- 4 MAXIMUM 3:1 SLOPE ON DECOMPOSED GRANITE, 4:1 SLOPE ON TURF AREAS.
- 5 SCARIFY SIDES OF HOLE PRIOR TO PLANTING.
- 6 FERTILIZER TABLETS.
- 7 BACKFILL MIXTURE.
- 8 5 AND 15 GALLON PLANT ROOT BALLS MAY SIT SLIGHTLY ABOVE STREET RETAINING WALL FOOTING. PROVIDE AS MUCH PLANTING BACKFILL BETWEEN ROOT BALL AND FOOTING AS POSSIBLE.

NOTES:

- a. WHEN SHRUB IS PLANTED ON A SLOPE, IRRIGATION EMITTERS ARE TO BE INSTALLED ON THE UPHILL SIDE.
- b. DO NOT PLACE TOPSOIL OR FILL MATERIAL ON TOP OF ROOTBALL; TOP OF ROOTBALL TO BE $\frac{1}{2}$ " ABOVE ADJACENT GRADE.

1 MULTI-TRUNK TREE PLANTING

L3.05 SECTION

SCALE: NTS

2 STANDARD TREE PLANTING

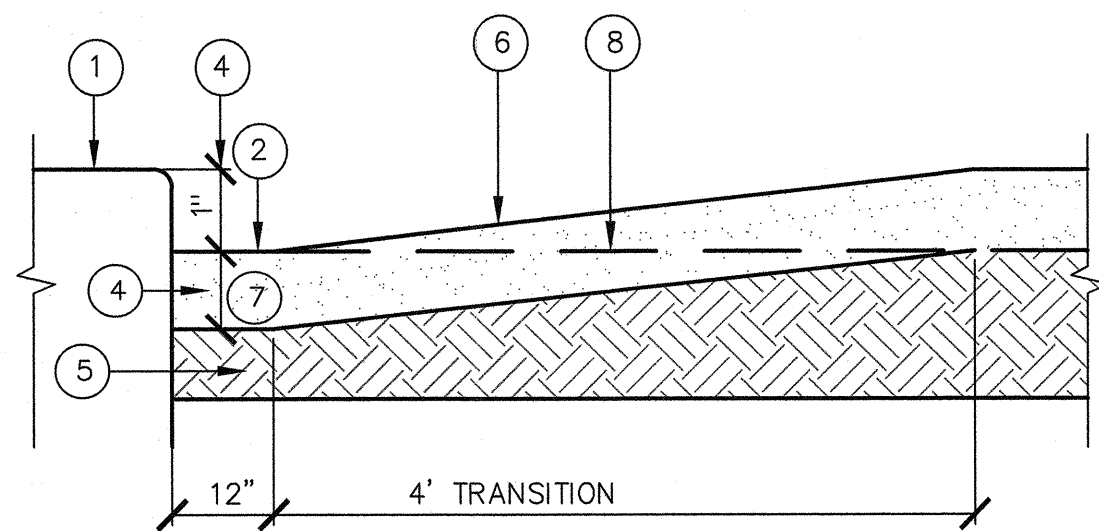
L3.05 SECTION

SCALE: NTS

3 SHRUB PLANTING

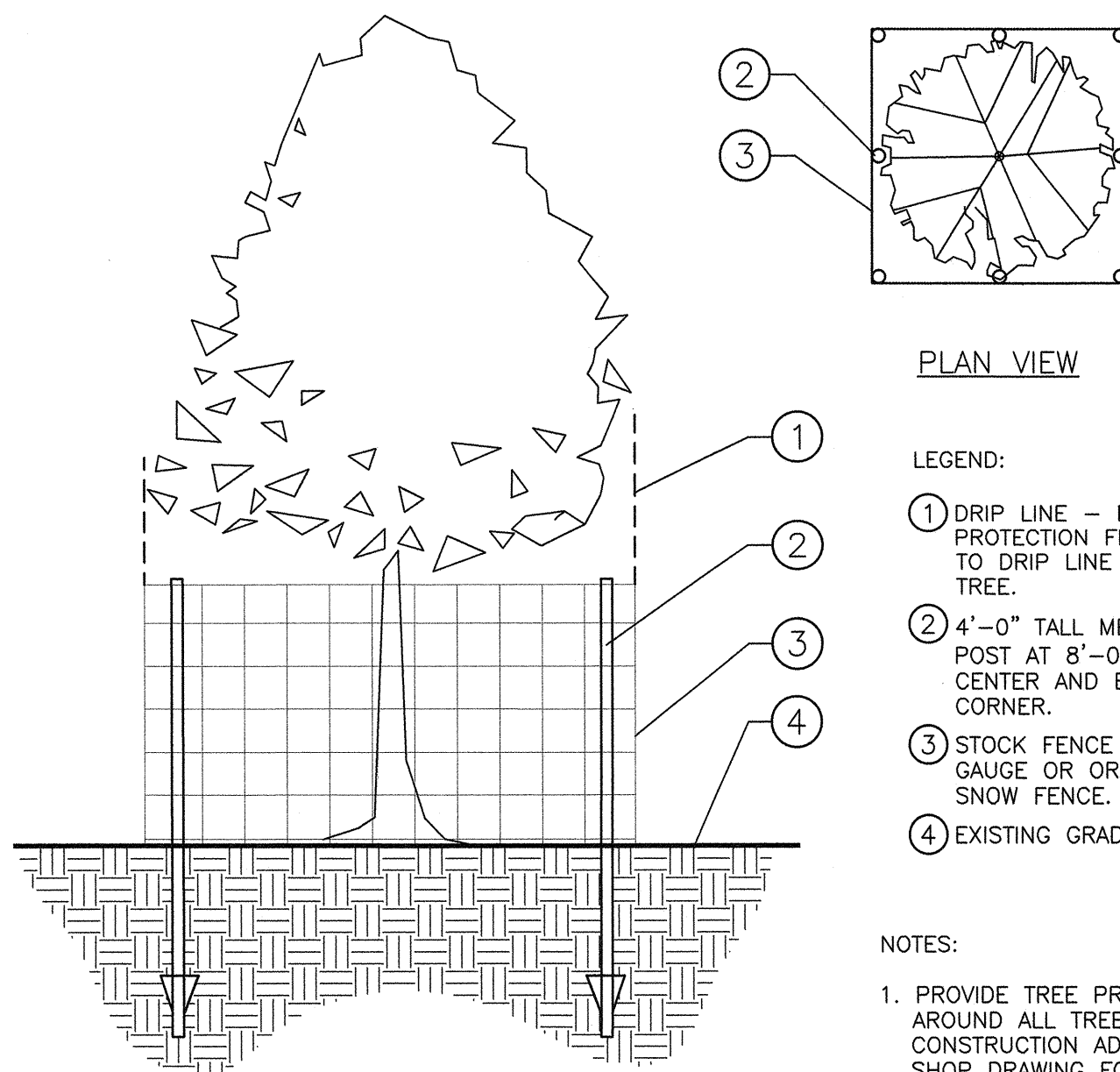
L3.05 SECTION

SCALE: NTS



SECTION

- 1 CONCRETE PAVING, CURBING, AC PAVEMENT, OR DROP INLET STRUCTURE.
- 2 ROCK FINISH GRADE
- 3 APPLY PRE-EMERGENT HERBICIDE ABOVE AND BELOW DECORATIVE ROCK.
- 4 ROCK
- 5 COMPACTED SOIL
- 6 DECORATIVE ROCK - SEE PLANTING PLAN
- 7 ROCK DEPTH VARIES - SEE PLANTING PLAN/LEGEND
- 8 SITE GRADE PER CIVIL PLANS - OVER EXCAVATE MIN. 12" FOR ROCK AT EDGES - TRANSITION NEW SUBGRADE MIN. 4" TO CIVIL GRADE



PLAN VIEW

LEGEND:

- 1 DRIP LINE - EXTEND PROTECTION FENCE TO DRIP LINE OF TREE.
- 2 4'-0" TALL METAL "T" POST AT 8'-0" ON CENTER AND EACH CORNER.
- 3 STOCK FENCE - 14.5 GAUGE OR ORANGE SNOW FENCE.
- 4 EXISTING GRADE

NOTES:

1. PROVIDE TREE PROTECTION FENCING AROUND ALL TREES SUBJECT TO CONSTRUCTION ADJACENT TO. PREPARE A SHOP DRAWING FOR REVIEW BY CITY OF ALL TREES TO RECEIVE TEMPORARY FENCING FOR REVIEW AND APPROVAL.
2. SEE PROJECT SPECIFICATIONS FOR MORE INFORMATION.

4 LANDSCAPE ROCK

L3.05 SECTION

SCALE: NTS

5 TREE PROTECTION FENCING

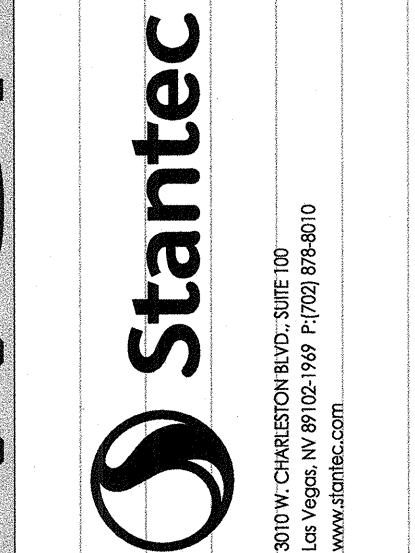
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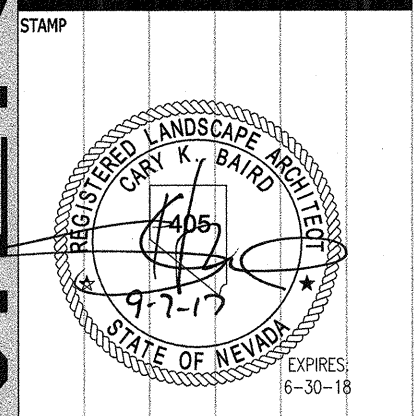


REVISIONS	DATE	DESCRIPTION

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PLANTING DETAILS

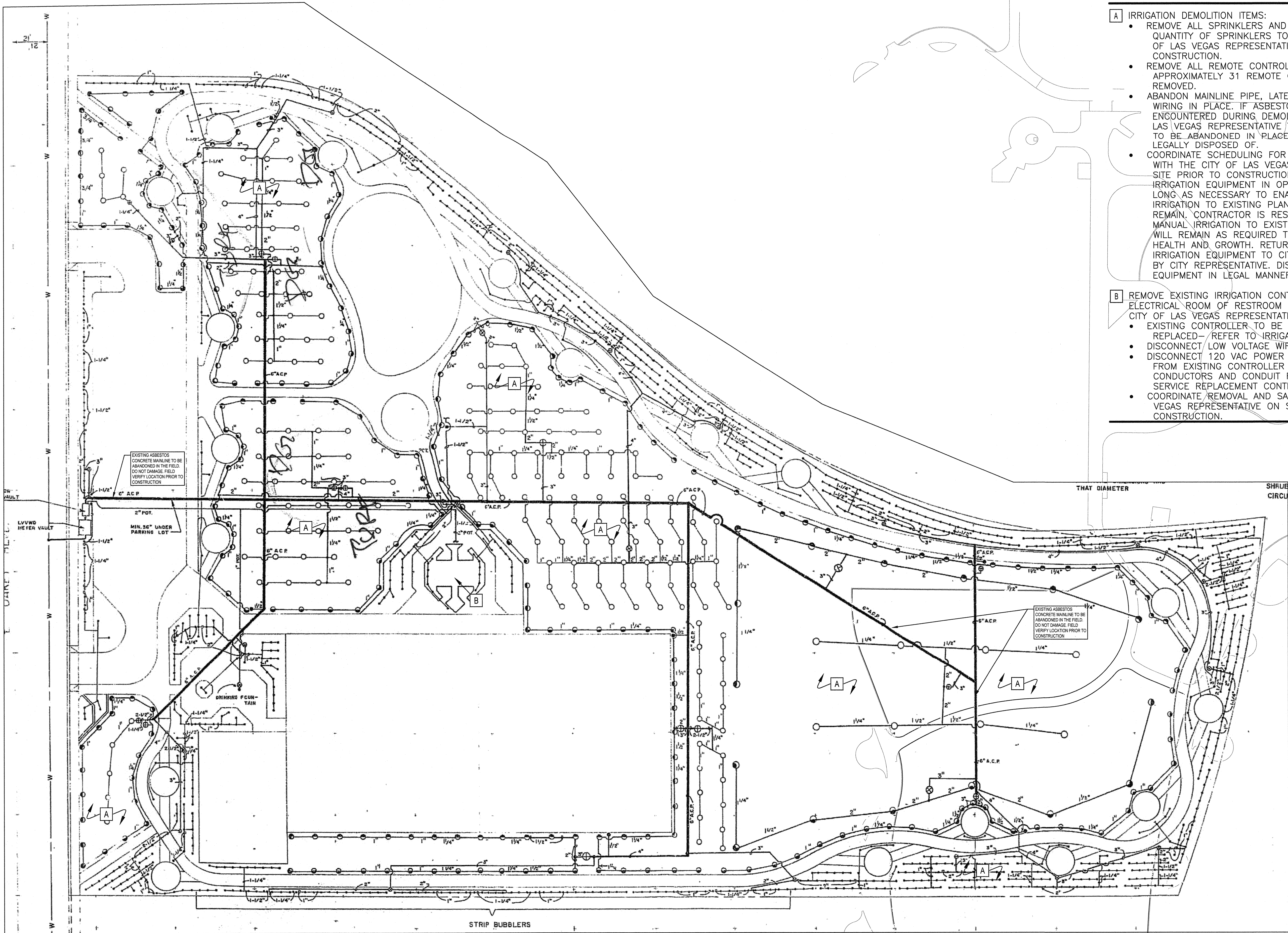


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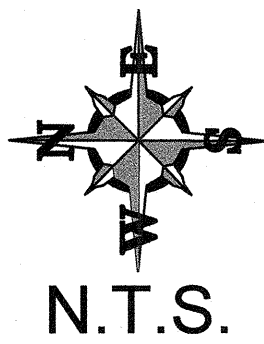
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DATE	9/7/2017
SCALE	SEE PLAN
BID NO	17.54875.JH
CLV DWG NO	640.27-7
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SHT NO	

L3.05



DEMOLITION FLAG NOTES

- A** IRRIGATION DEMOLITION ITEMS:
- REMOVE ALL SPRINKLERS AND SWING JOINTS; CONFIRM QUANTITY OF SPRINKLERS TO BE REMOVED WITH CITY OF LAS VEGAS REPRESENTATIVES PRIOR TO CONSTRUCTION.
 - REMOVE ALL REMOTE CONTROL VALVES – THERE ARE APPROXIMATELY 31 REMOTE CONTROL VALVES TO BE REMOVED.
 - ABANDON MAINLINE PIPE, LATERAL PIPE, AND IRRIGATION WIRING IN PLACE. IF ASBESTOS CONCRETE PIPE IS ENCOUNTERED DURING DEMOLITION, NOTIFY CITY OF LAS VEGAS REPRESENTATIVE TO DETERMINE IF IT IS TO BE ABANDONED IN PLACE OR REMOVED AND LEGALLY DISPOSED OF.
 - COORDINATE SCHEDULING FOR DEMOLITION ACTIVITIES WITH THE CITY OF LAS VEGAS REPRESENTATIVE ON SITE PRIOR TO CONSTRUCTION. MAINTAIN EXISTING IRRIGATION EQUIPMENT IN OPERATIONAL CONDITION AS LONG AS NECESSARY TO ENABLE CONTINUED IRRIGATION TO EXISTING PLANT MATERIAL THAT WILL REMAIN. CONTRACTOR IS RESPONSIBLE FOR PROVIDING MANUAL IRRIGATION TO EXISTING PLANT MATERIAL THAT WILL REMAIN AS REQUIRED TO MAINTAIN GOOD PLANT HEALTH AND GROWTH. RETURN SALVAGEABLE IRRIGATION EQUIPMENT TO CITY AS DIRECTED IN FIELD BY CITY REPRESENTATIVE. DISPOSE OF REMAINING EQUIPMENT IN LEGAL MANNER.
- B** REMOVE EXISTING IRRIGATION CONTROLLER WITHIN EXISTING ELECTRICAL ROOM OF RESTROOM BUILDING AND RETURN TO CITY OF LAS VEGAS REPRESENTATIVE.
- EXISTING CONTROLLER TO BE REMOVED AND REPLACED – REFER TO IRRIGATION PLANS.
 - DISCONNECT LOW VOLTAGE WIRES.
 - DISCONNECT 120 VAC POWER AND TELEPHONE SERVICE FROM EXISTING CONTROLLER AND PRESERVE CONDUCTORS AND CONDUIT FROM UTILITY SOURCE TO SERVICE REPLACEMENT CONTROLLER.
 - COORDINATE REMOVAL AND SALVAGE WITH CITY OF LAS VEGAS REPRESENTATIVE ON SITE PRIOR TO CONSTRUCTION.



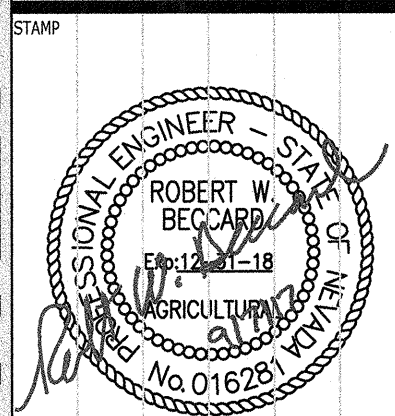
REVISIONS

NO.	DESCRIPTION

CONSULTANT

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RENOVATION
IRRIGATION DEMOLITION PLAN

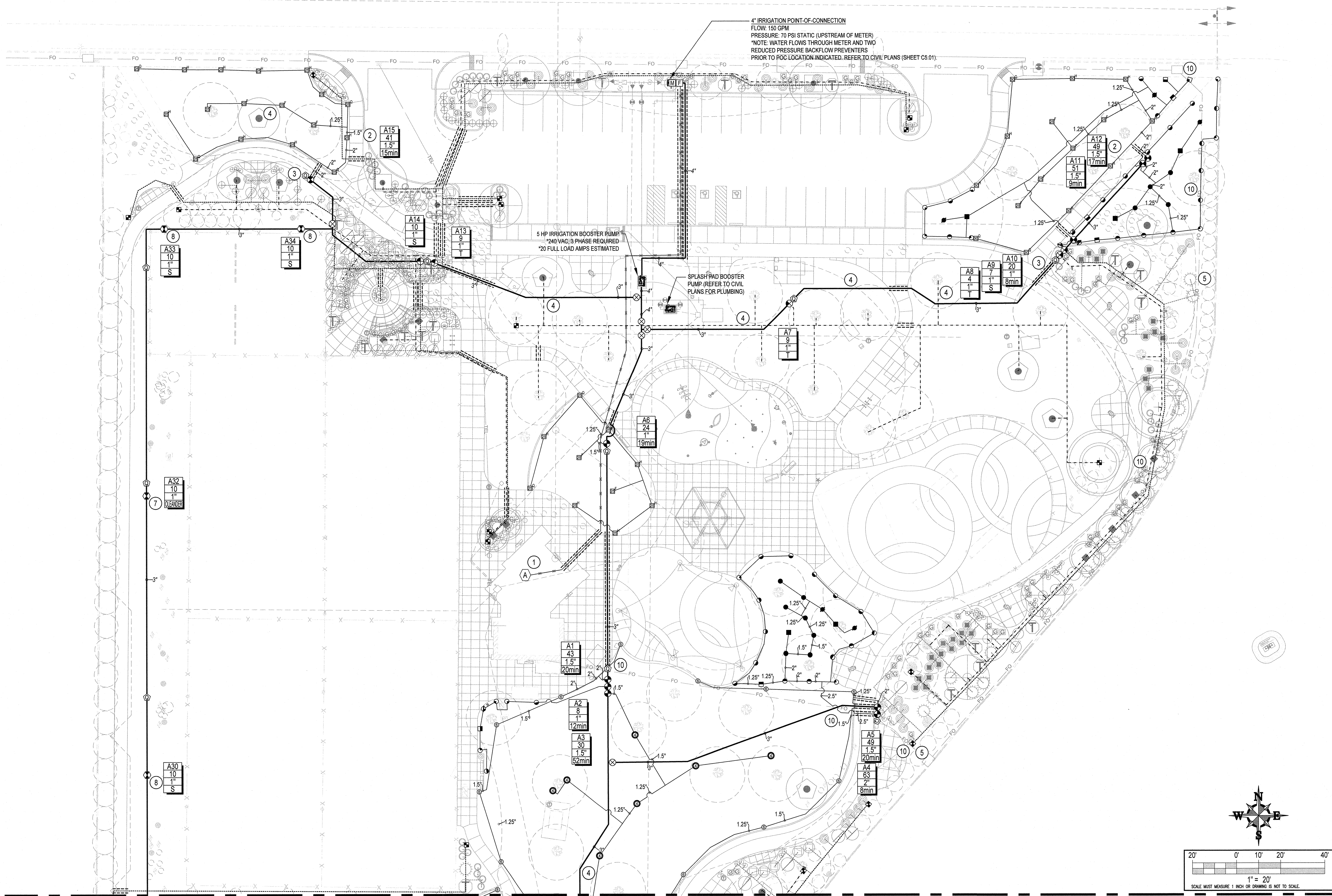


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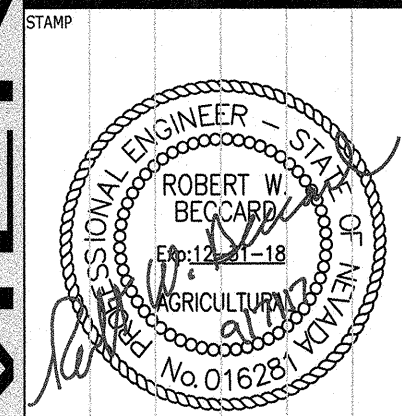


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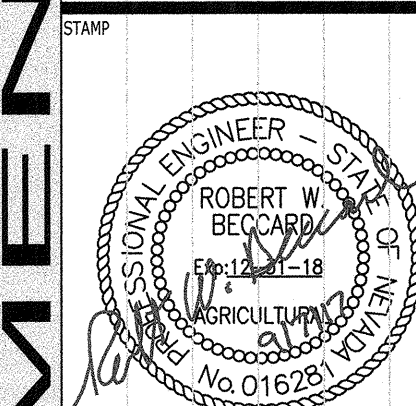
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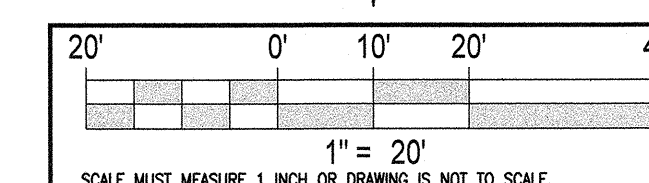
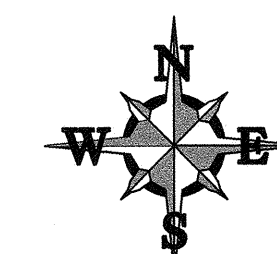
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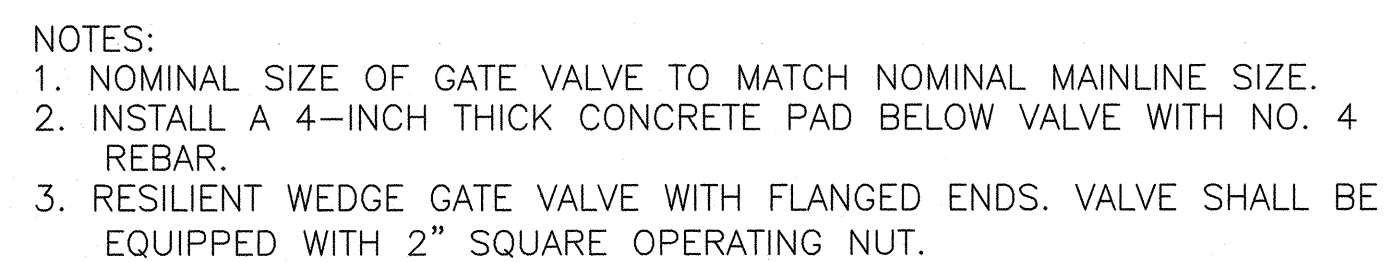
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DEPARTMENT OF PUBLIC WORKS

FLAG NOTES

- ① INSTALL NEW CCU/SATELLITE CONTROLLER ASSEMBLY WITHIN ELECTRICAL ROOM IN NEW RESTROOM BUILDING, COORDINATE WITH BUILDING ARCHITECT AND ELECTRICAL CONTRACTOR. INSTALL NEW CONDUIT TO PLANTER AREA AS REQUIRED. INSTALL NEW LOW VOLTAGE WIRE AND CONNECT TO NEW MASTER VALVE, FLOW SENSOR AND REMOTE CONTROL VALVES IN ACCORDANCE WITH CONTROL SYSTEM MANUFACTURER'S RECOMMENDATIONS. CONTRACTOR IS RESPONSIBLE FOR CONNECTING IRRIGATION CONTROLLER AND CCU ASSEMBLY TO 120 VAC ELECTRICAL SERVICE AND DEDICATED ANALOG TELEPHONE SERVICE WITHIN BUILDING (SEE ELECTRICAL DRAWINGS) AND FOR VERIFYING COMMUNICATION WITH THE CITY OF LAS VEGAS CENTRAL CONTROL SYSTEM PRIOR TO FINAL ACCEPTANCE.
- ② INSTALL THREE CONTROL WIRES AND ONE COMMON WIRE FROM THE CONTROLLER TO EACH OF THE REMOTE CONTROL VALVE ASSEMBLIES INDICATED FOR USE AS SPARE WIRE IN CASE OF CONTROL WIRE FAILURE. PROVIDE A 3-FOOT COILED LENGTH OF EACH SPARE WIRE IN ALL REMOTE CONTROL VALVE BOXES. SPARE WIRES ARE TO FOLLOW THE SAME ROUTE AS THE MAINLINE PIPE.
- ③ IRRIGATION PIPE AND VALVES MAY BE SHOWN OUTSIDE PLANTING AREA IN LANDSCAPE FOR CLARITY ONLY. INSTALL ALL IRRIGATION COMPONENTS IN LANDSCAPED AREA.
- ④ IRRIGATION MAINLINE CROSSES EXISTING TREE ROOTS IN THIS APPROXIMATE LOCATION. USE CAUTION WHEN DIGGING IN THIS AREA. REFER TO TREE PROTECTION NOTES IN SPECIFICATIONS.
- ⑤ CONTRACTOR IS RESPONSIBLE FOR PROVIDING NEW IRRIGATION AS DETAILED TO EXISTING PLANT MATERIAL THAT WILL REMAIN, EVEN THOUGH IT MAY NOT BE SHOWN ON THIS PLAN (TYPICAL THROUGHOUT PROJECT, SEE LANDSCAPE PLANS). CONNECT TO NEW DRIP IRRIGATION LATERAL SERVICING NEW PLANTING INSTALLED UNDER THIS CONTRACT AS REQUIRED.
- ⑥ LOCATE EXISTING REMOTE CONTROL VALVE SERVICING ROSES IN THIS AREA AND REPLACE WITH NEW DRIP IRRIGATION CONTROL VALVE ASSEMBLY FOR ROSES AS DETAILED. CONNECT EXISTING DRIP IRRIGATION LATERAL FOR ROSES TO NEW CONTROL VALVE AS REQUIRED.
- ⑦ LOCATE EXISTING REMOTE CONTROL VALVE SERVICING OLEANDERS IN THIS AREA AND REPLACE WITH NEW DRIP IRRIGATION CONTROL VALVE ASSEMBLY FOR OLEANDERS AS DETAILED. CONNECT EXISTING DRIP IRRIGATION LATERAL FOR OLEANDERS TO NEW CONTROL VALVE AS REQUIRED.
- ⑧ EXISTING DRIP IRRIGATION LATERALS TO REMAIN OPERATIONAL IN THIS AREA (FIELD VERIFY PROPER OPERATION PRIOR TO CONSTRUCTION). LOCATE EXISTING REMOTE CONTROL VALVE SERVICING SHRUB AND TREE PLANTING IN THIS AREA AND REPLACE WITH NEW DRIP IRRIGATION CONTROL VALVE ASSEMBLY AS DETAILED. CONNECT EXISTING DRIP IRRIGATION LATERALS TO NEW CONTROL VALVE AS REQUIRED.
- ⑨ INSTALL NEW IRRIGATION BOOSTER PUMP ASSEMBLY AND WATER PLAY BOOSTER PUMP ASSEMBLY AT THIS LOCATION AS DETAILED. COORDINATE WITH LANDSCAPE ARCHITECT AND ELECTRICAL CONTRACTOR FOR ALIGNMENT AND INSTALLATION OF REQUIRED ELECTRICAL SERVICES AS REQUIRED (SEE ELECTRICAL DRAWINGS).
- ⑩ EXISTING FIBER OPTIC CABLE ROUTING TO BE PROTECTED IN PLACE. CONTRACTOR IS RESPONSIBLE FOR PROVIDING UTILITY LOCATES PRIOR TO CONSTRUCTION AND REPAIRING ANY DAMAGE TO EXISTING UTILITIES THAT WILL REMAIN OPERATIONAL AT NO ADDITIONAL COST TO CITY OF LAS VEGAS.



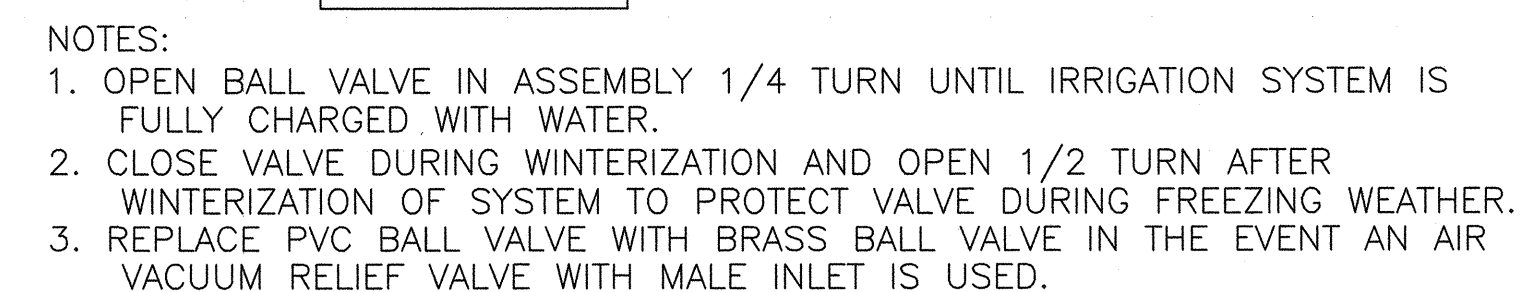


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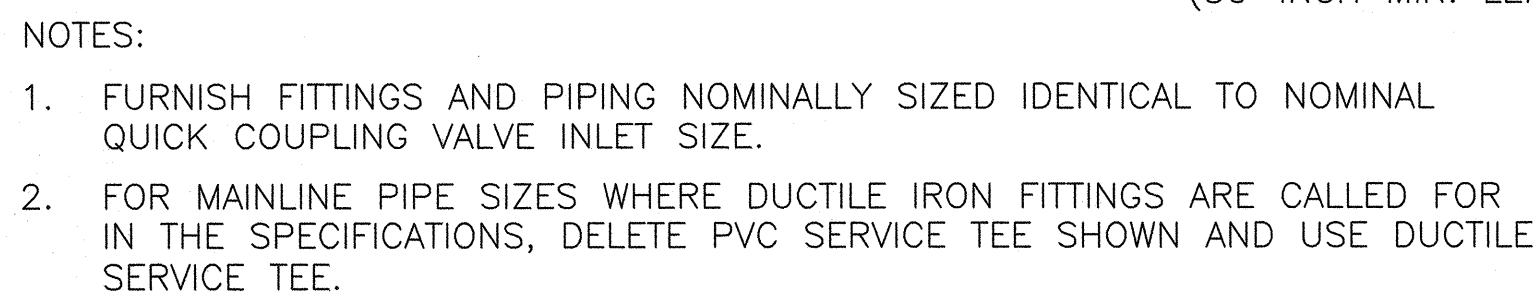


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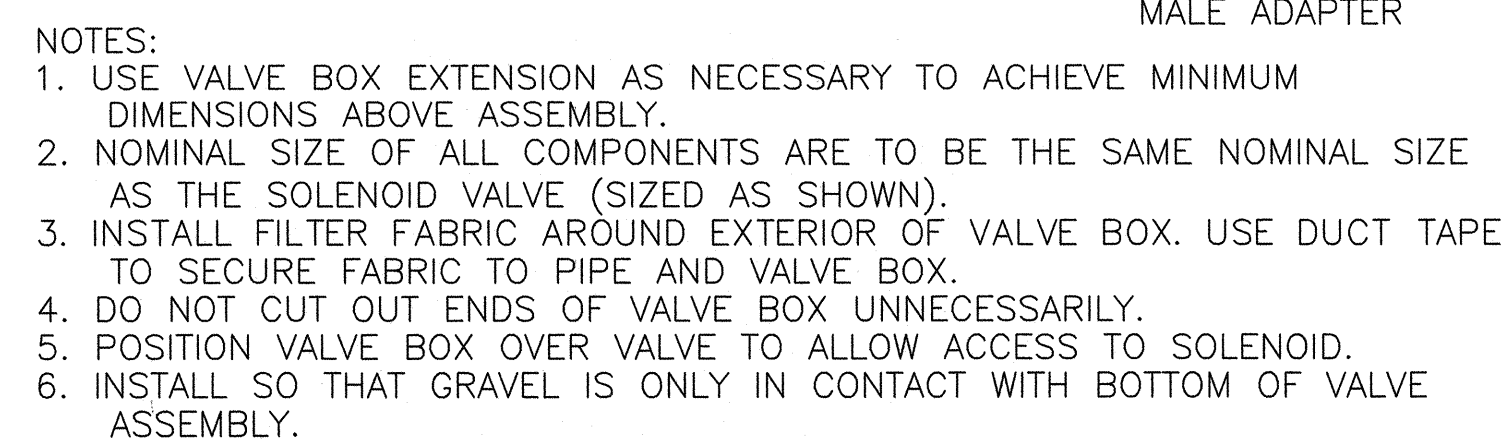
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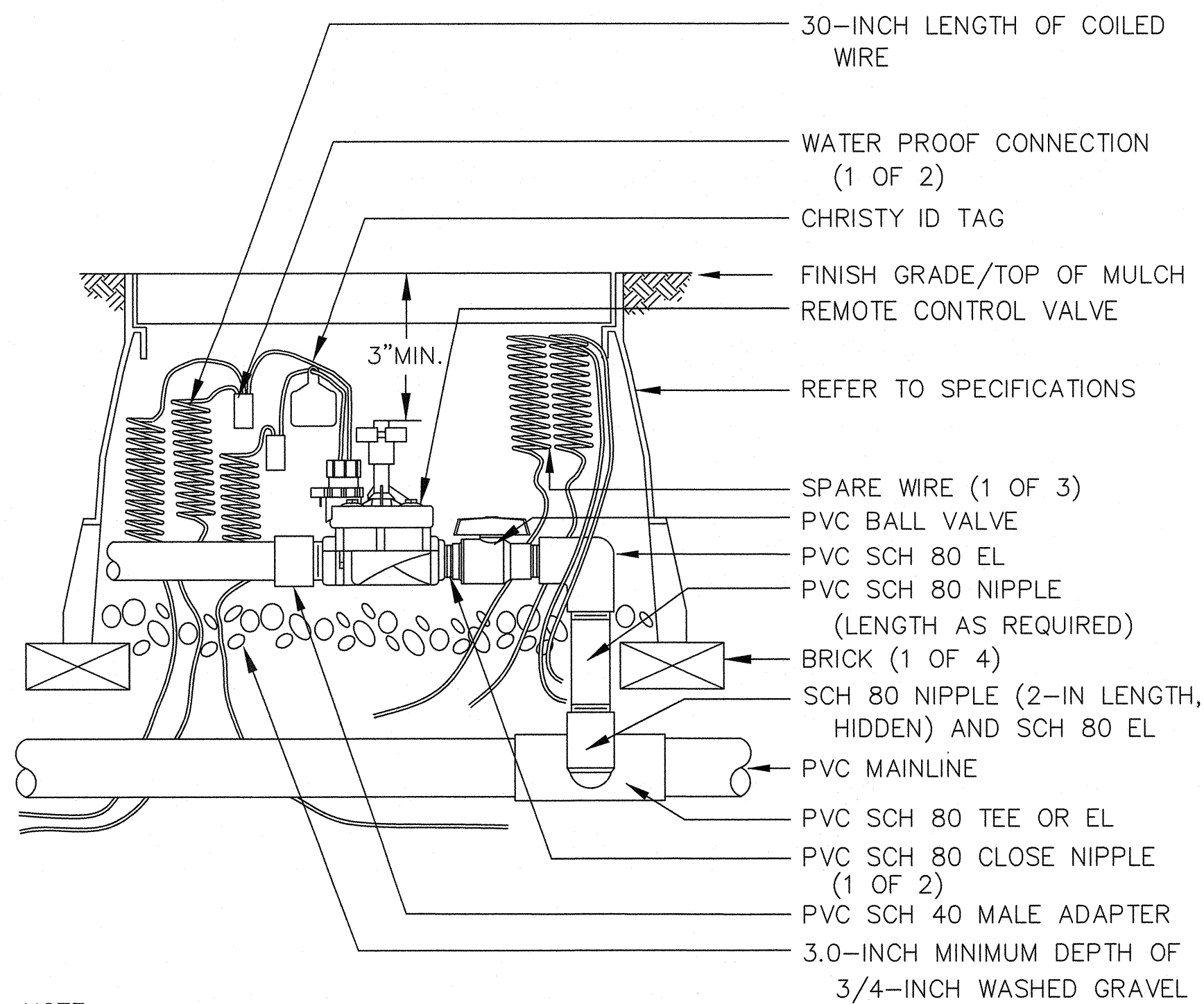
IRRIGATION DETAIL S

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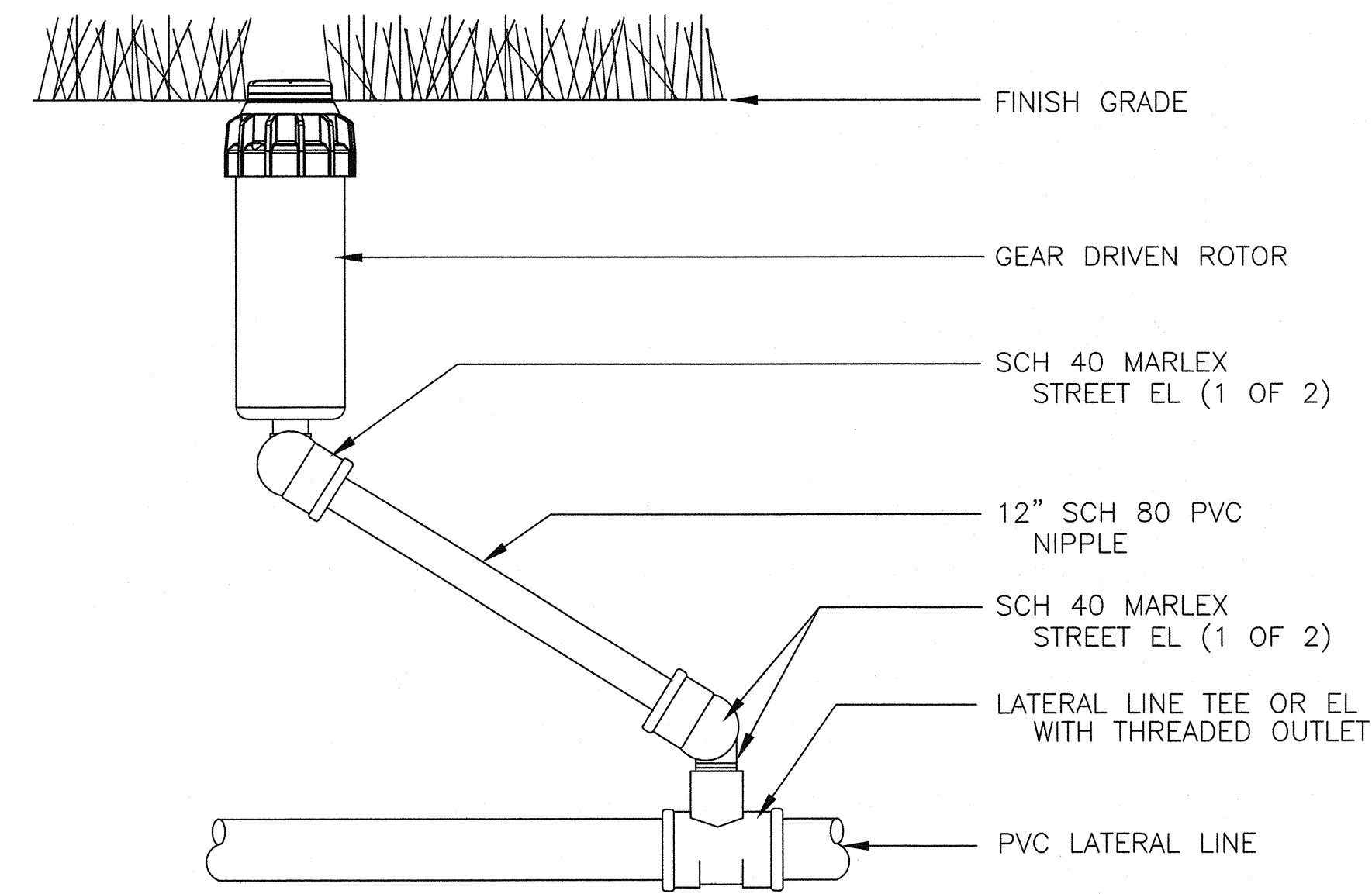
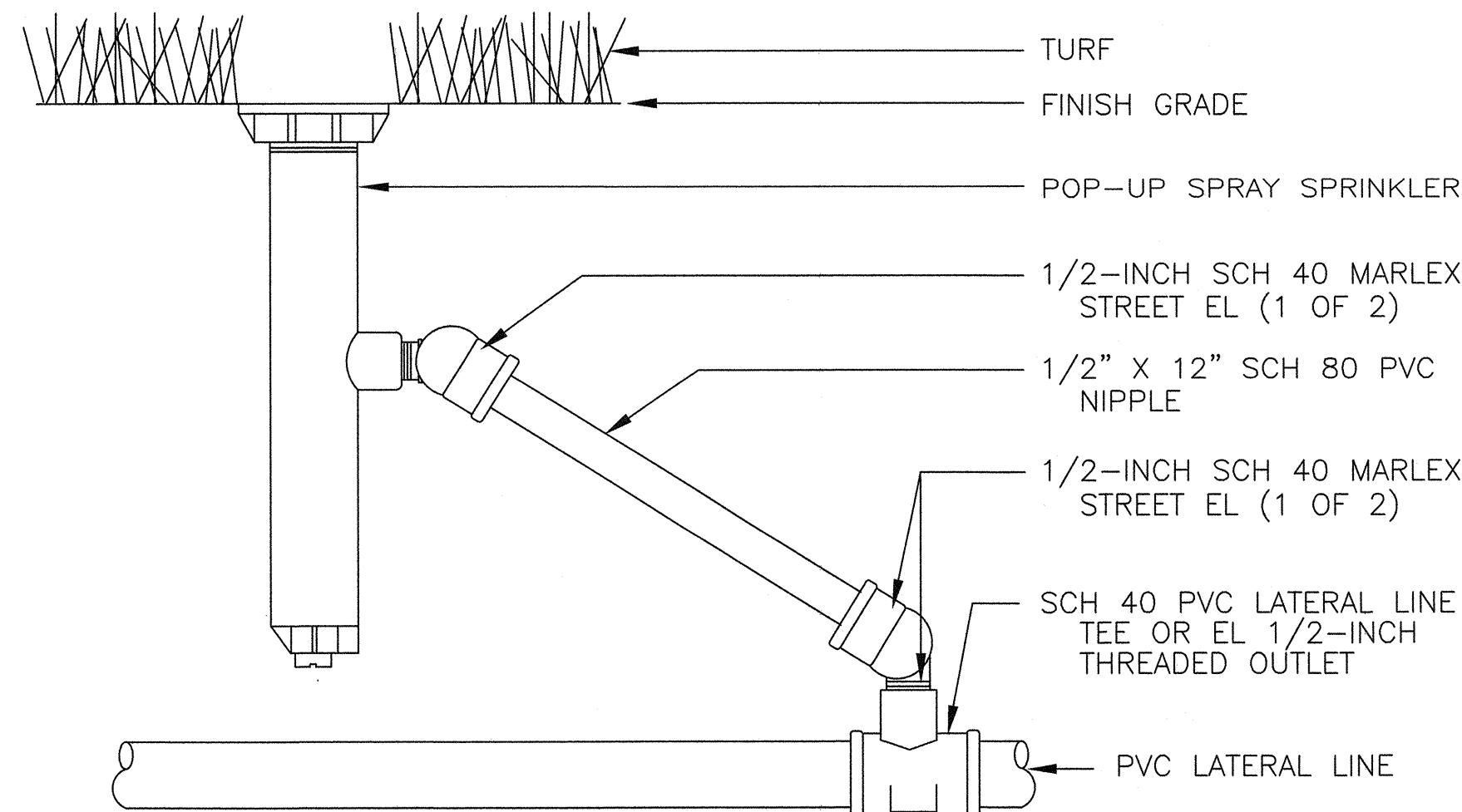
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NOTE:

1. FOR MAINLINE PIPE SIZES WHERE DUCTILE IRON FITTINGS ARE REQUIRED PER THE SPECIFICATIONS, DELETE PVC SERVICE TEE SHOWN AND USE DUCTILE IRON SERVICE TEE.

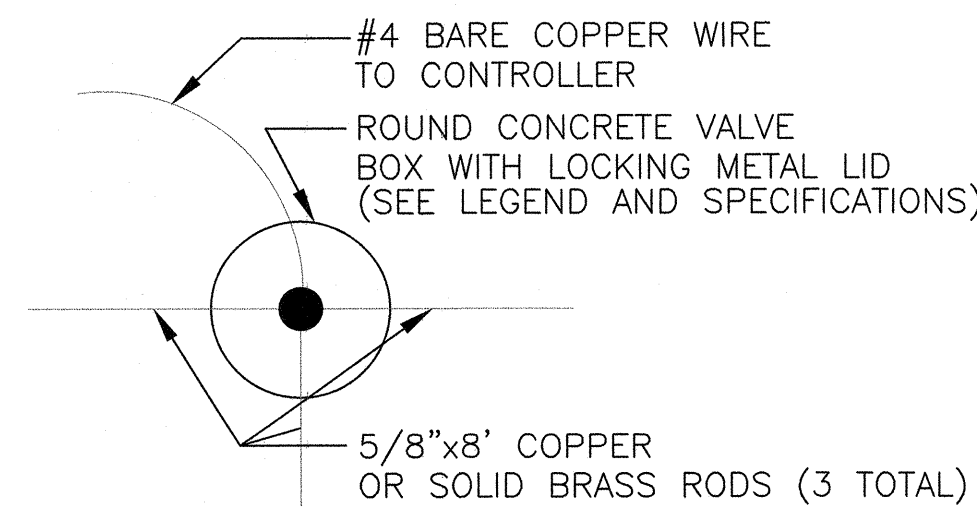
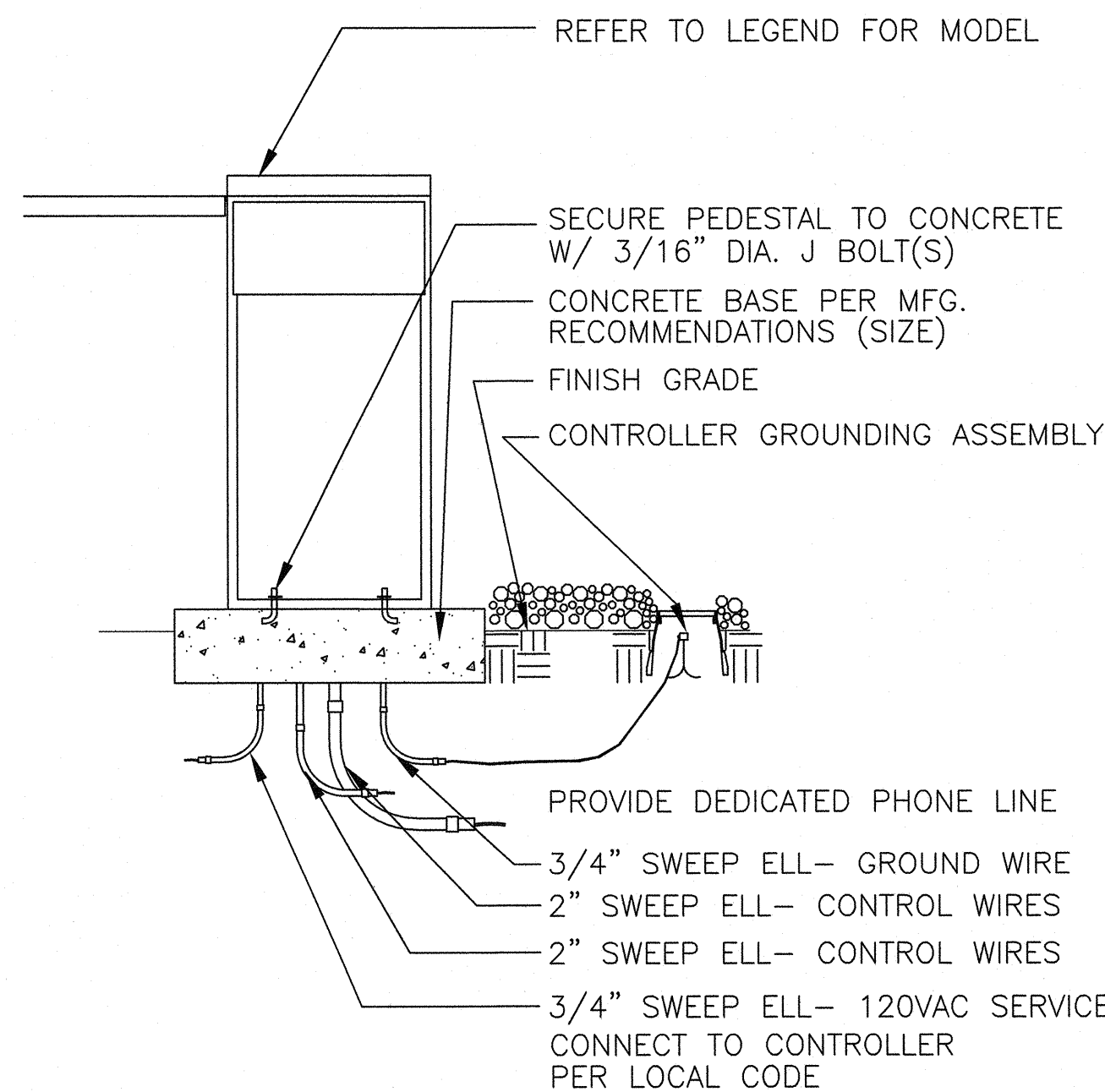


NOTE:

SIZE OF SWING JOINT COMPONENTS SHALL MATCH SIZE OF SPRINKLER INLET.

1 REMOTE CONTROL VALVE ASSEMBLY

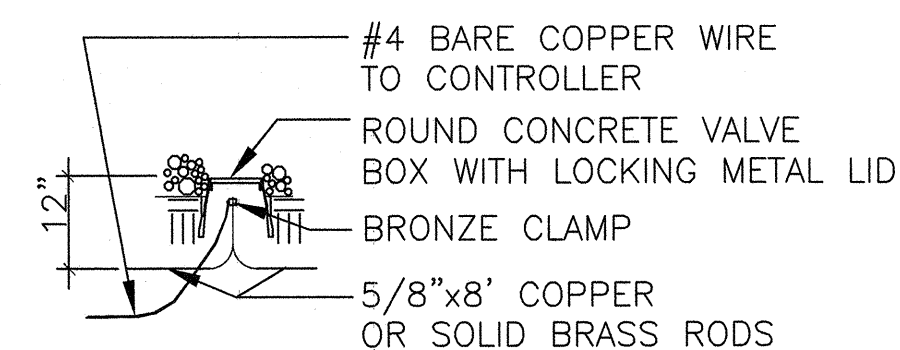
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NOTE:

RODS MUST BE COPPER OR SOLID BRASS

PLAN VIEW



SECTION VIEW

- CONTRACTOR TO GROUND AND PROVIDE SURGE PROTECTION FOR FIELD UNIT IN ACCORDANCE W/ MANUF. RECOMMENDATIONS AND GROUND ROD SHOWN (SEE DETAIL). CONTRACTOR SHALL INSTALL A 20A NON-FUSED DISCONNECT AND 120V DUPLEX RECEPTACLE INSIDE PEDESTAL.

- INSTALL CONTROLLER PER MFG. PRINTED INSTRUCTIONS AND PER LOCAL CODES. LOCATION SHOWN ON DRAWINGS OR APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.

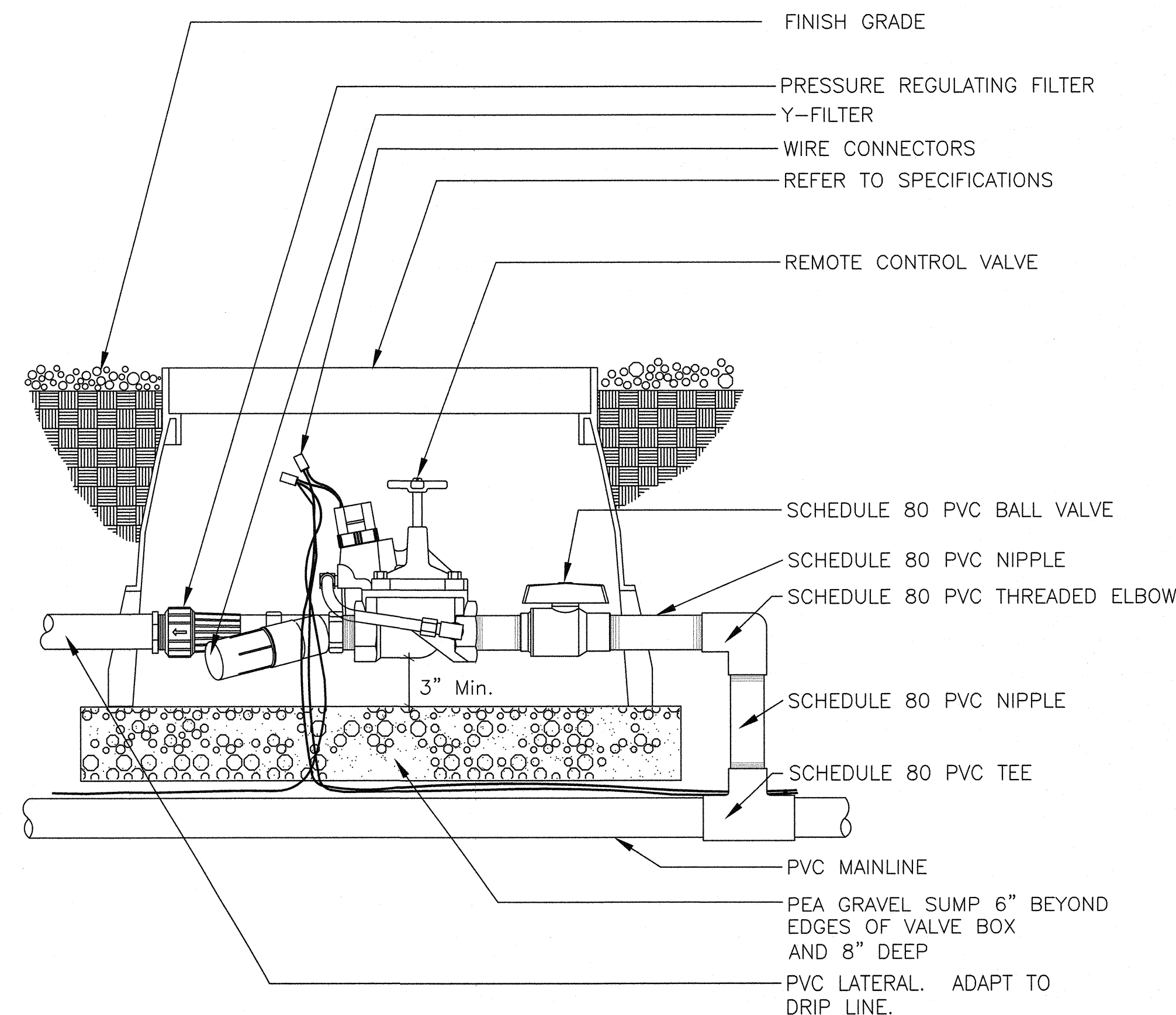
PROVIDE PRE-WIRED UL LISTED CONTROLLER ASSEMBLY.

2 POP-UP SPRAY SPRINKLER ASSEMBLY

N.T.S.

3 POP-UP ROTOR SPRINKLER ASSEMBLY

N.T.S.



3 IRRIGATION CONTROLLER ASSEMBLY

N.T.S.

4 DRIP REMOTE CONTROL VALVE ASSEMBLY

N.T.S.

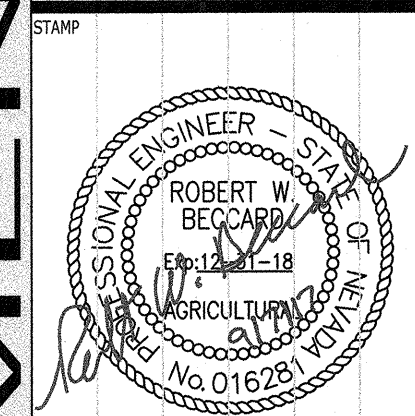


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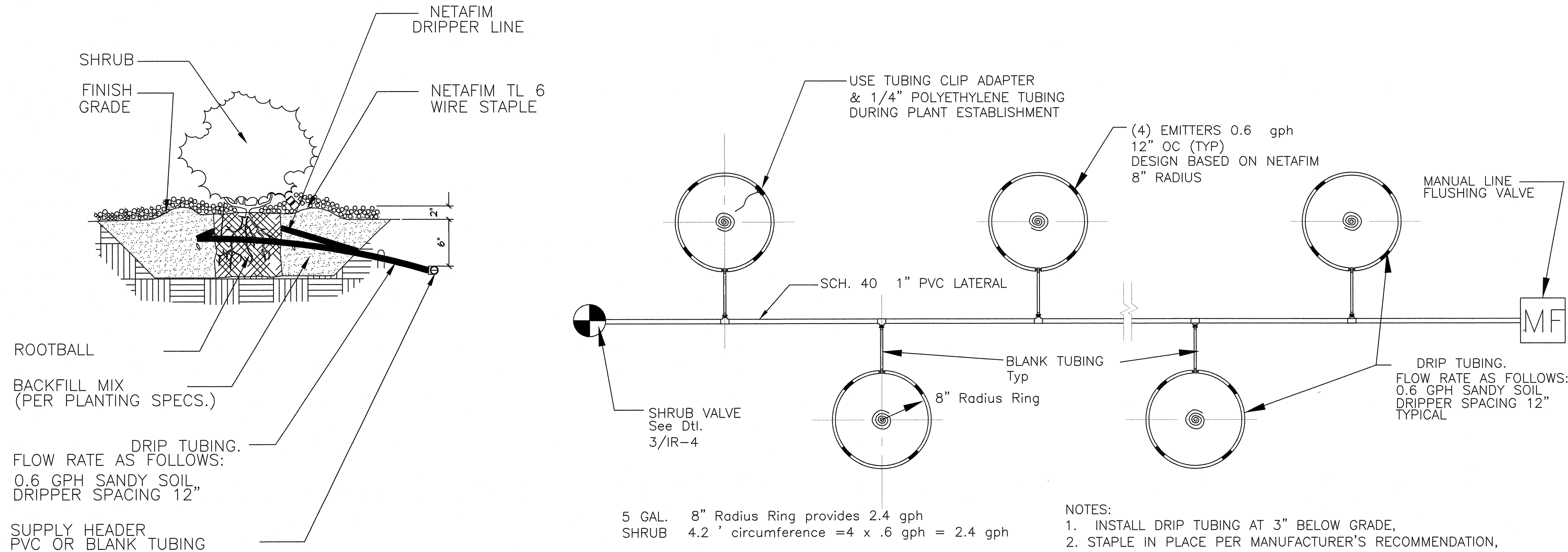


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1 INLINE DRIP DETAIL

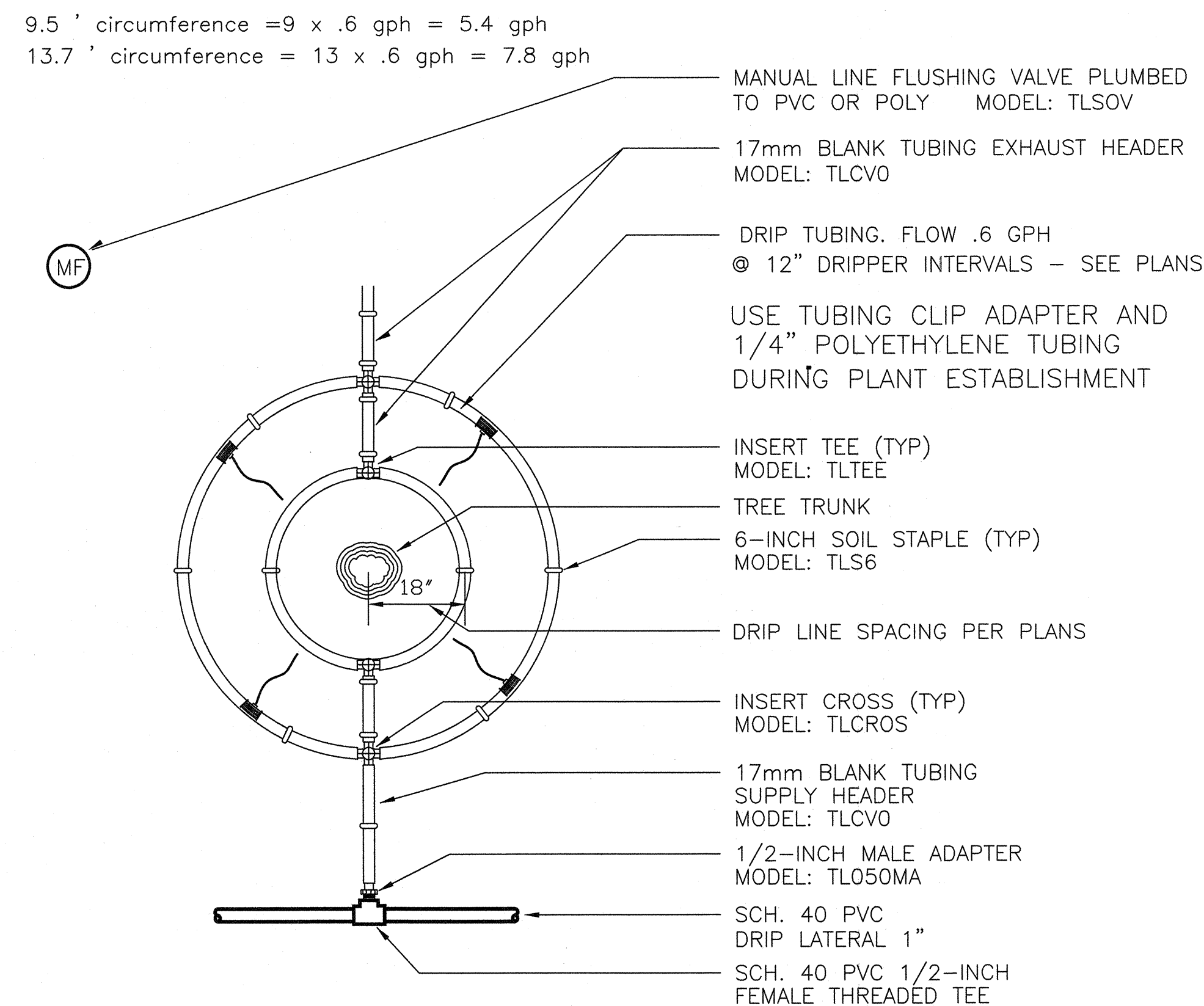
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2 INLINE DRIP SHRUB RING DETAIL

N.T.S.

3 INLINE DRIP CONNECTION DETAIL

N.T.S.



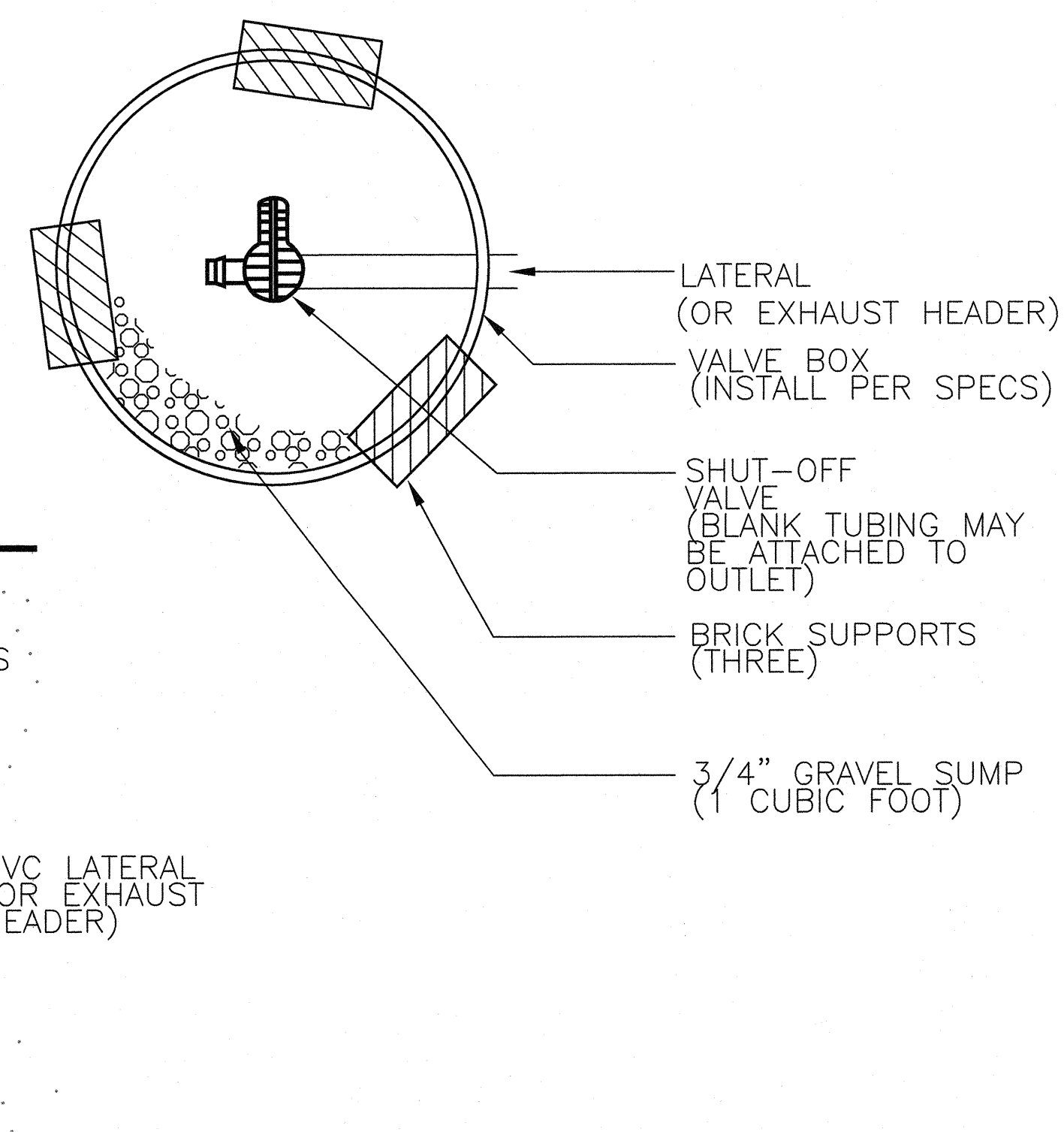
- NOTES:
1. INSTALL FIRST DRIP LINE LOOP 18-INCHES FROM CENTER OF TREE TRUNK.
2. INSTALL DRIP LINE 6-INCHES BELOW GRADE, MINIMUM OF 4". STAPLE IN PLACE PER MANUFACTURER'S RECOMMENDATION, BACKFILL, AND SPREAD SURFACE TREATMENT PER DETAILS.
3. INSTALL DRIP LINE IN ACCORDANCE WITH NETAFIM INSTALLATION GUIDELINES.

4 INLINE DRIP DOUBLE TREE RING DETAIL

N.T.S.

5 INLINE DRIP FLUSH VALVE ASSEMBLY

N.T.S.



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IRRIGATION DETAILS

STAMP

PROFESSIONAL ENGINEER - STATE OF NEVADA
ROBERT W. BECKWITH
No. 01626

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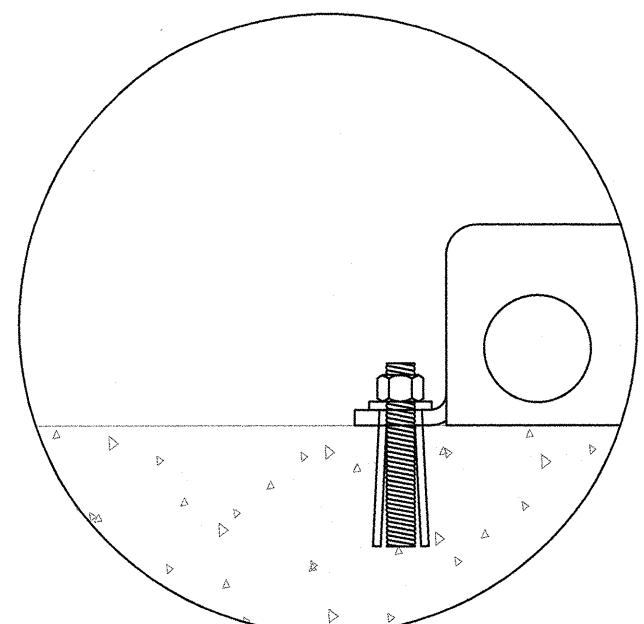
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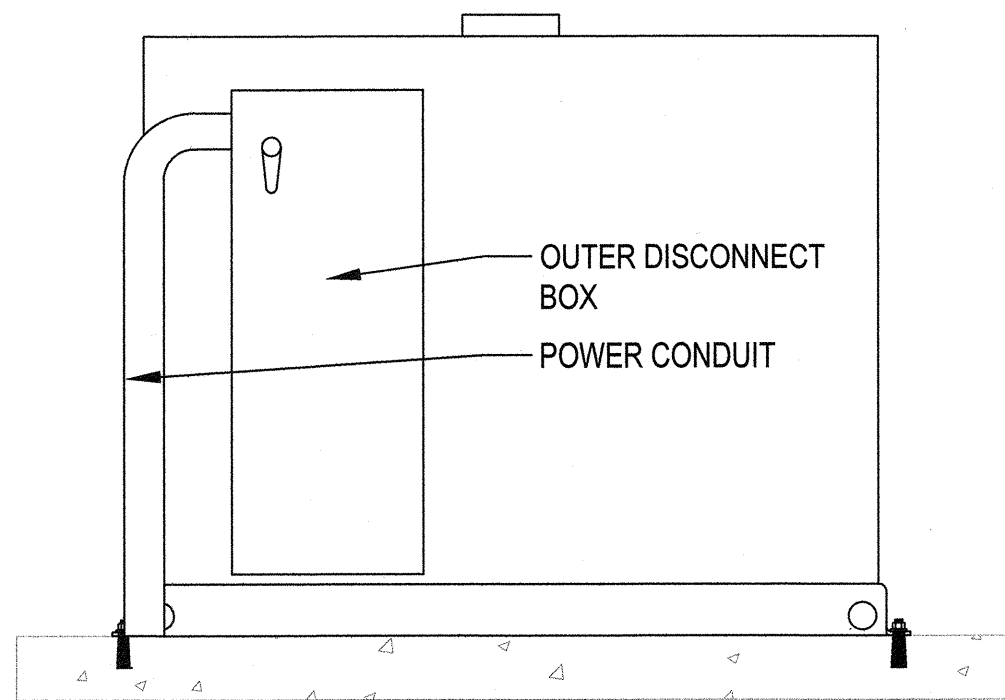
1 BOOSTER PUMP ASSEMBLY (IRRIGATION)



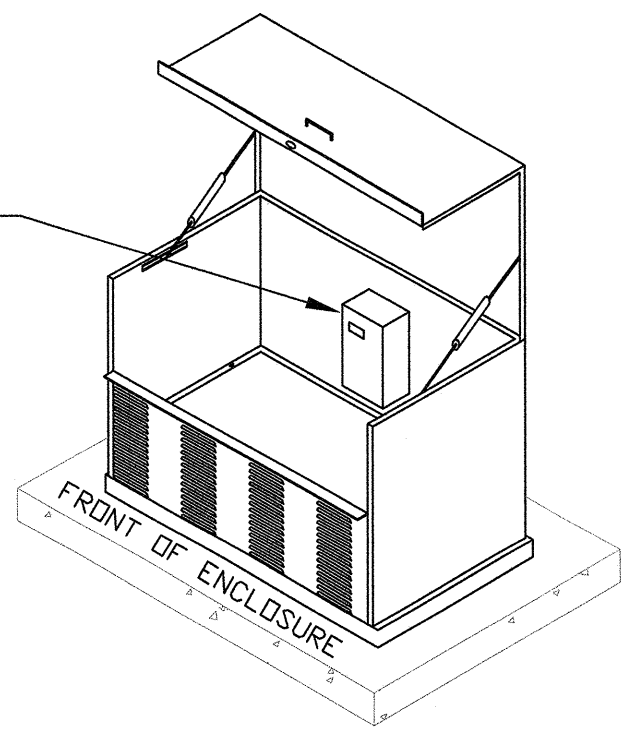
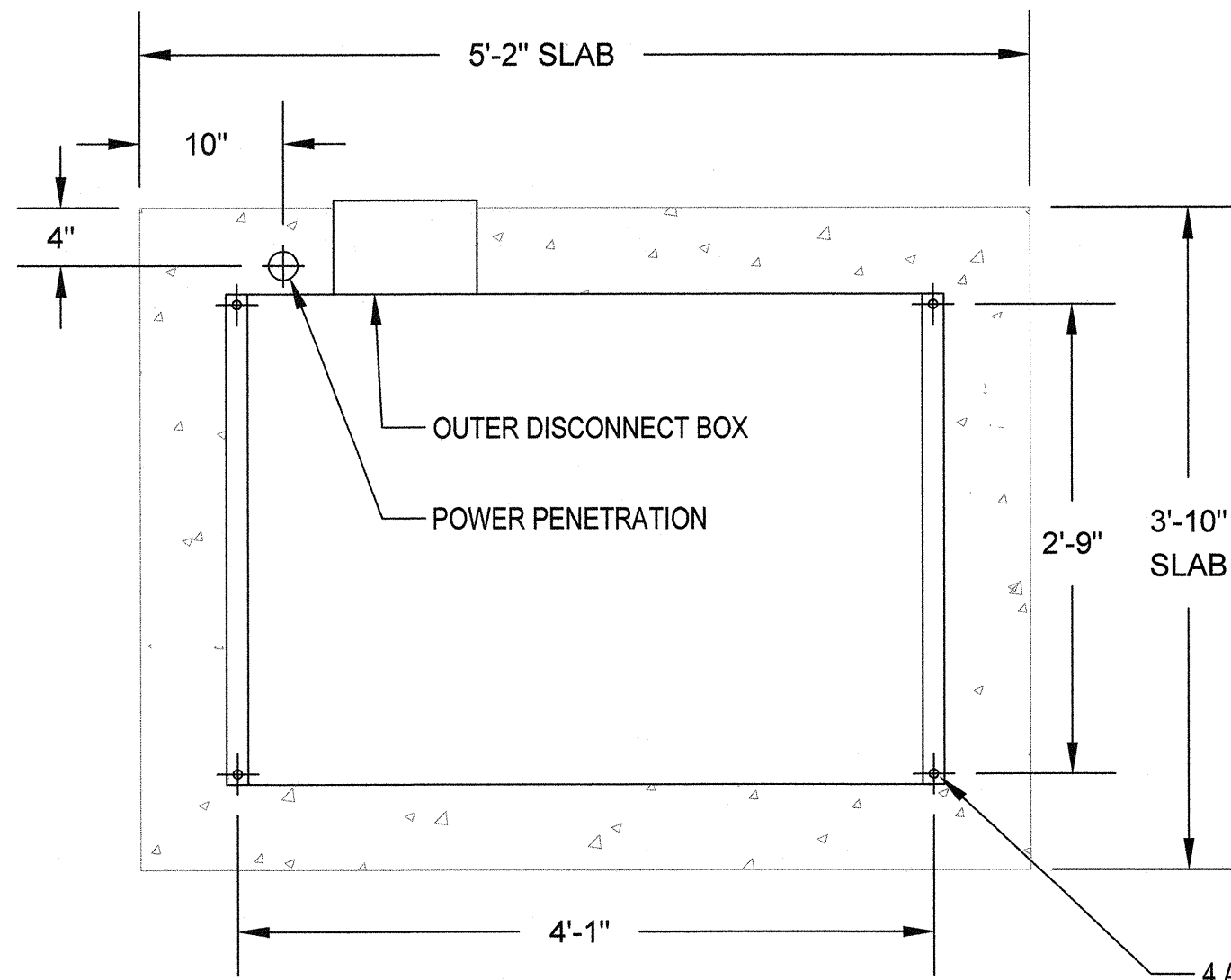
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DETAIL A
CONCRETE ANCHOR
BOLTS (x4) LOCATIONS

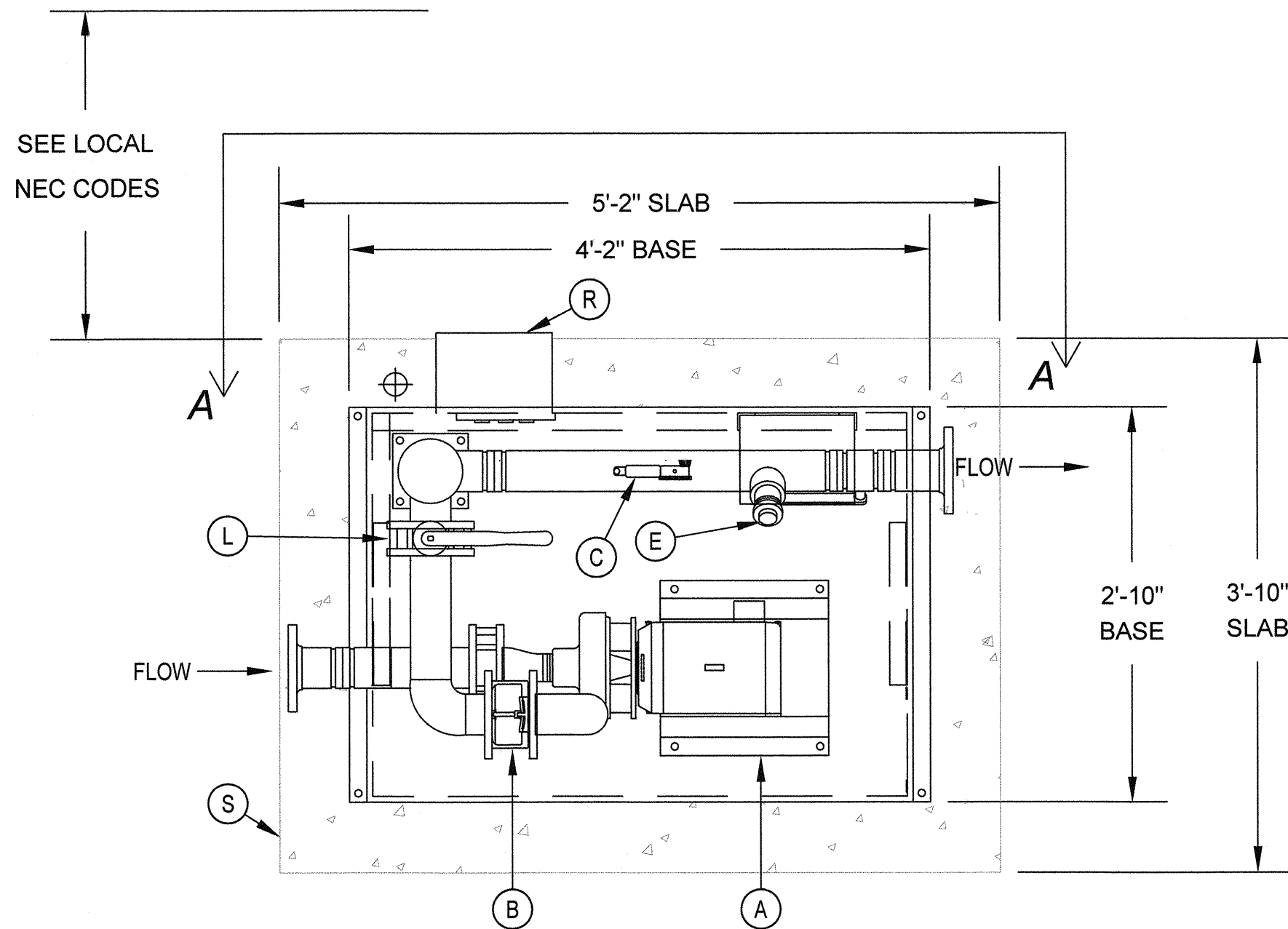


VIEW A-A

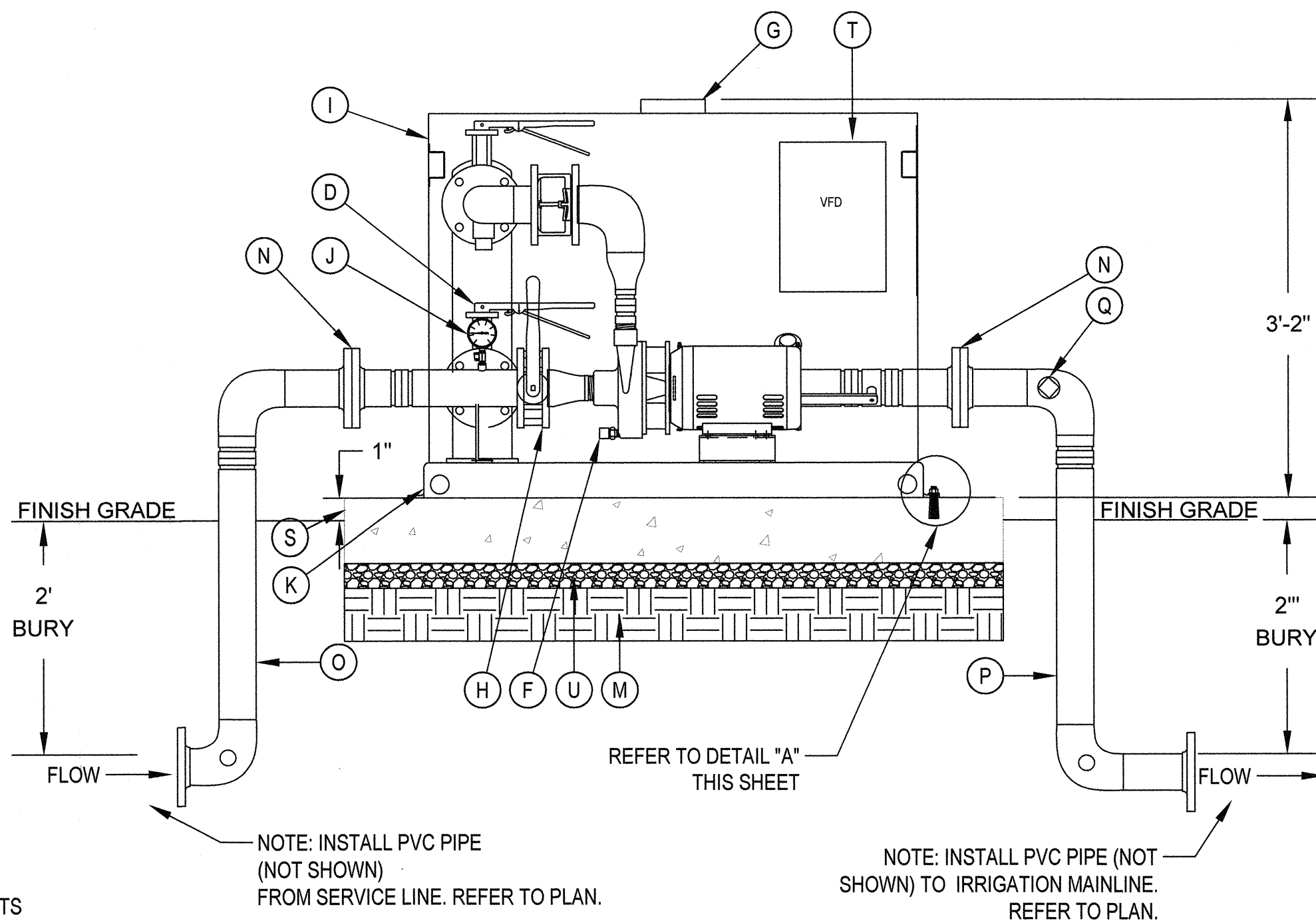


VARIABLE FREQUENCY DRIVE
(VFD)

FRONT OF ENCLOSURE



SEE LOCAL
NEC CODES



REFER TO DETAIL "A"
THIS SHEET

NOTE: INSTALL PVC PIPE
(NOT SHOWN)
FROM SERVICE LINE. REFER TO PLAN.

NOTE: INSTALL PVC PIPE (NOT
SHOWN) TO IRRIGATION MAINLINE.
REFER TO PLAN.

EQUIPMENT LIST

- (A) BOOSTER PUMP
*FLOW: 150 GPM
*PRESSURE: 35 PSI INLET, 35 PSI BOOST, 70 PSI DISCHARGE
*7.5 HP, 240 VAC, 3 PHASE, 33 FULL LOAD AMPS
*MAINTAIN CONSISTENT 70 PSI DISCHARGE PRESSURE
*MANUFACTURER: WATERTRONICS
*MODEL: WMBV-5000-2-7.5-240-3-150-35
*CONTACT JIM ROSASCHI FOR ORDERING. PHONE: 702-400-4616.
- (B) CHECK VALVE
- (C) PRESSURE TRANSDUCER WITH GAUGE
- (D) BYPASS VALVE AND PIPING
- (E) FLOW SENSOR
- (F) TEMPERATURE SENSOR
- (G) STATION FAN HOOD MOUNTED
- (H) PUMP INTAKE ISOLATION VALVE
- (I) VENTILATED MARINE GRADE ALUMINUM ENCLOSURE - PAINTED SANDSTONE COLOR
- (J) INLET PRESSURE GAUGE
- (K) STAINLESS STEEL BASE (POWDER COAT SANDSTONE COLOR)
- (L) PUMP DISCHARGE ISOLATION VALVE
- (M) COMPACT SUBGRADE BELOW CONCRETE PAD TO 95% STANDARD PROCTOR DENSITY
- (N) 3-INCH FLANGE CONNECTION
- (O) 3-INCH FLANGE INTAKE DROP PIPE - SCH. 40 STEEL (PROVIDED BY WATERTRONICS)
- (P) 3-INCH FLANGE DISCHARGE DROP PIPE - SCH. 40 STEEL (PROVIDED BY WATERTRONICS)
- (Q) 1-INCH BLOWOUT PORT
- (R) DEAD-FRONT ELECTRICAL DISCONNECT
- (S) CONCRETE PAD: 5000 PSI CONCRETE, 6-INCH THICK, REINFORCED WITH #4 REBAR PLACED 12-INCH ON CENTER BOTH WAYS. PLACE REBAR 2-INCHES FROM BOTTOM OF PAD. PLACE TOP OF PAD 1-INCH ABOVE FINISH GRADE. SLOPE PAD AWAY FROM BOOSTER PUMP ENCLOSURE.
- (T) CONTROL PANEL - VFD, FORCED AIR COOLED THERMOSTATICALLY CONTROLLED. REFER TO SPECIFICATIONS.
- (U) 4-INCH DEPTH COMPACTED SUBBASE (TYPE 1 LIMESTONE) FOR CONCRETE PAD

NOTES:

- PROVIDE SHOP DRAWING OF BOOSTER PUMP FOR APPROVAL PRIOR TO CONSTRUCTION.
- BOOSTER PUMP TO BE TESTED IN FACTORY PRIOR TO SHIPMENT TO SITE. MANUFACTURER TO PROVIDE TESTING RESULTS TO OWNER'S REPRESENTATIVE.
- PUMP MANUFACTURER'S REPRESENTATIVE MUST BE PRESENT DURING INSTALLATION AND START UP.
- CONTRACTOR IS RESPONSIBLE FOR CONFIRMING ALL FIELD CONDITIONS PRIOR TO ORDERING BOOSTER PUMP.
- REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- REGRADE AROUND BOOSTER PUMP AS NECESSARY.



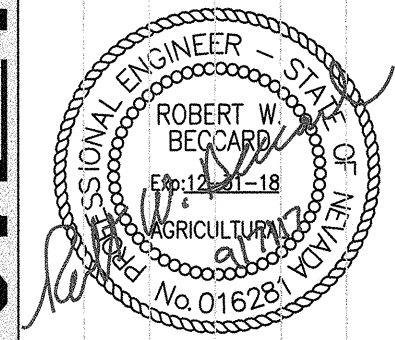
REVISIONS

CONSULTANT



BOB BASKIN PARK
RENOVATION
IRRIGATION BOOSTER PUMP

STAMP



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DEPARTMENT OF PUBLIC WORKS
ARCHITECTURAL SERVICES

DEVELOPMENT SERVICES CENTER
333 N. RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6276
FAX: (702) 384-4846

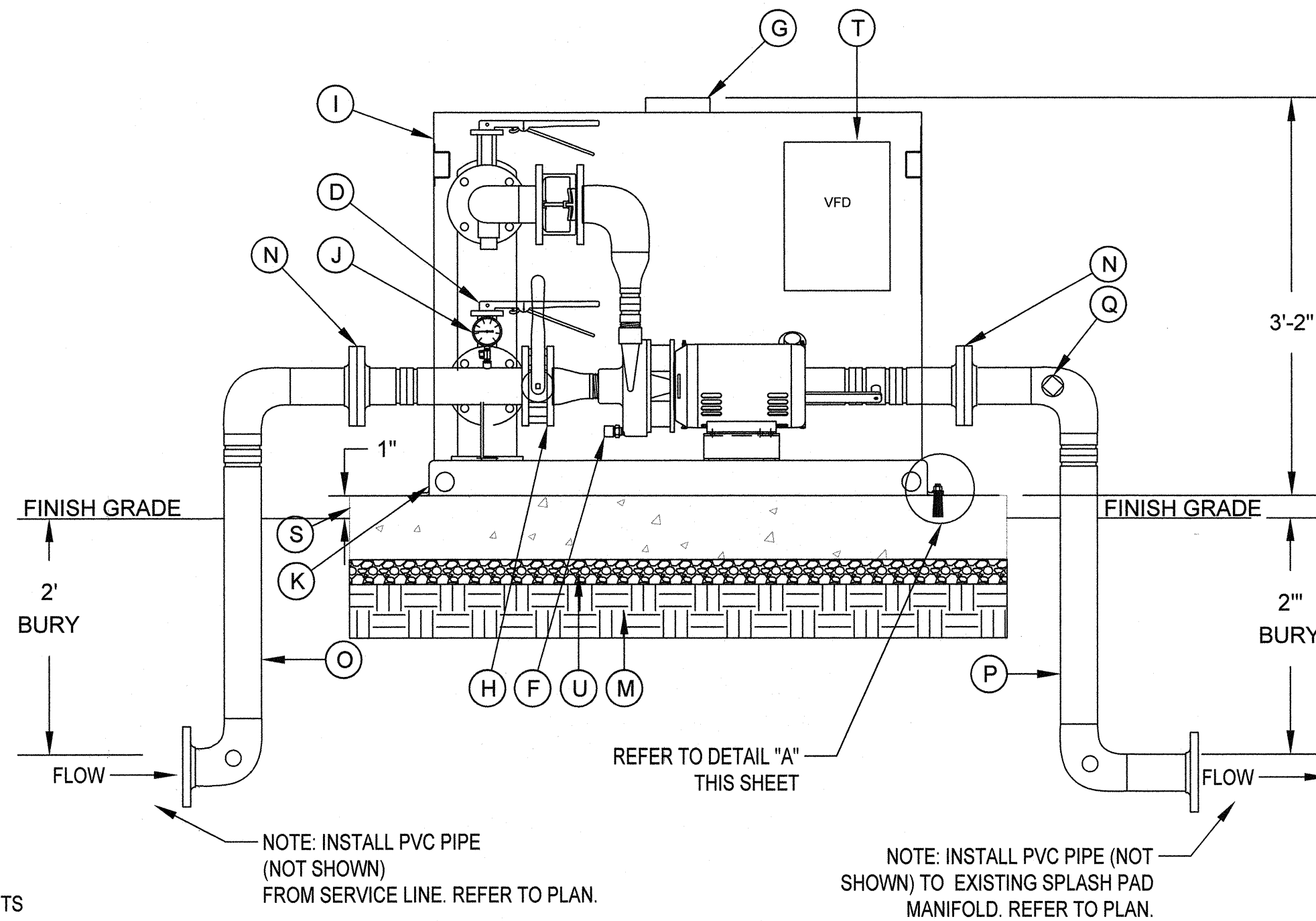
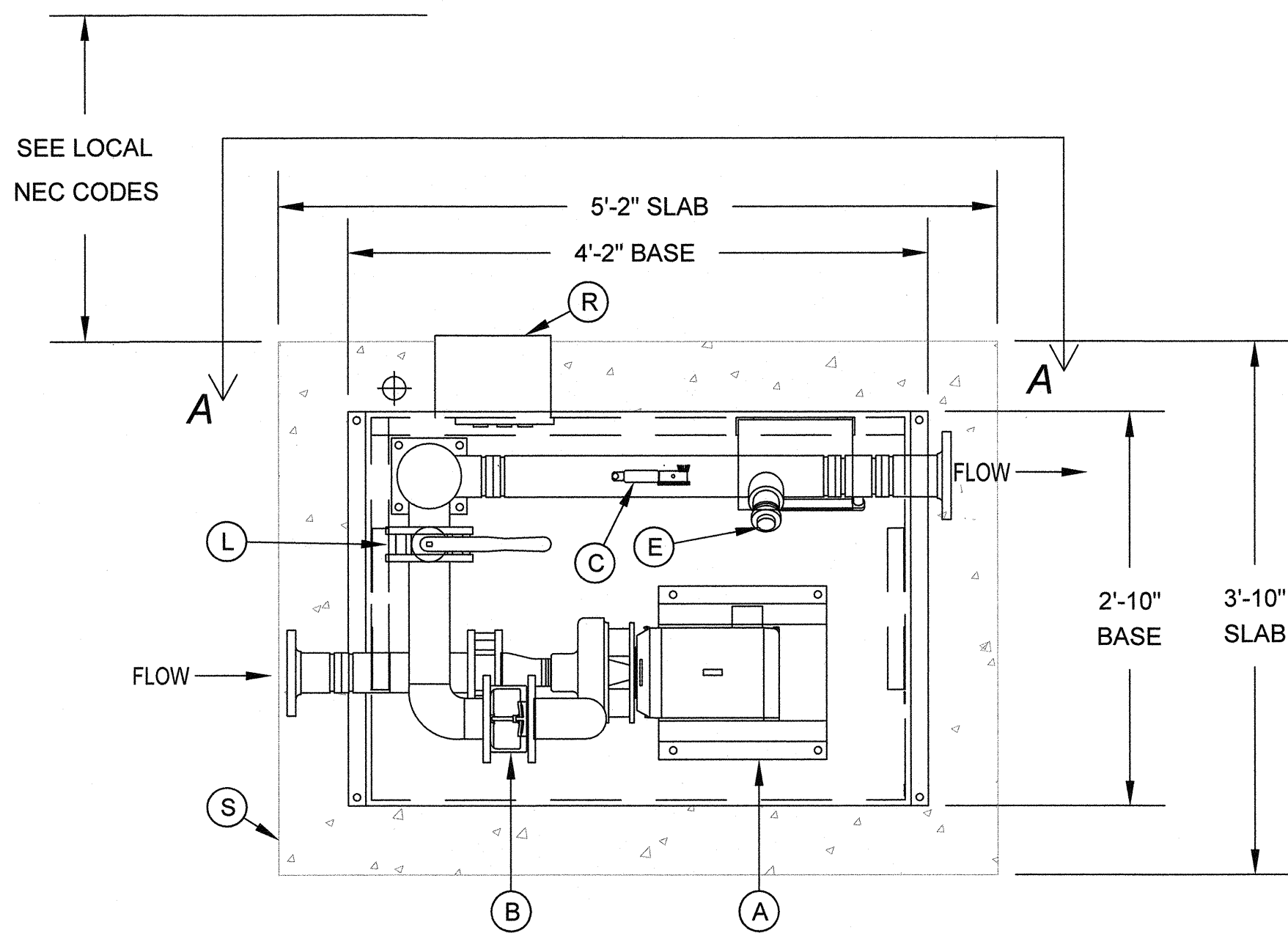
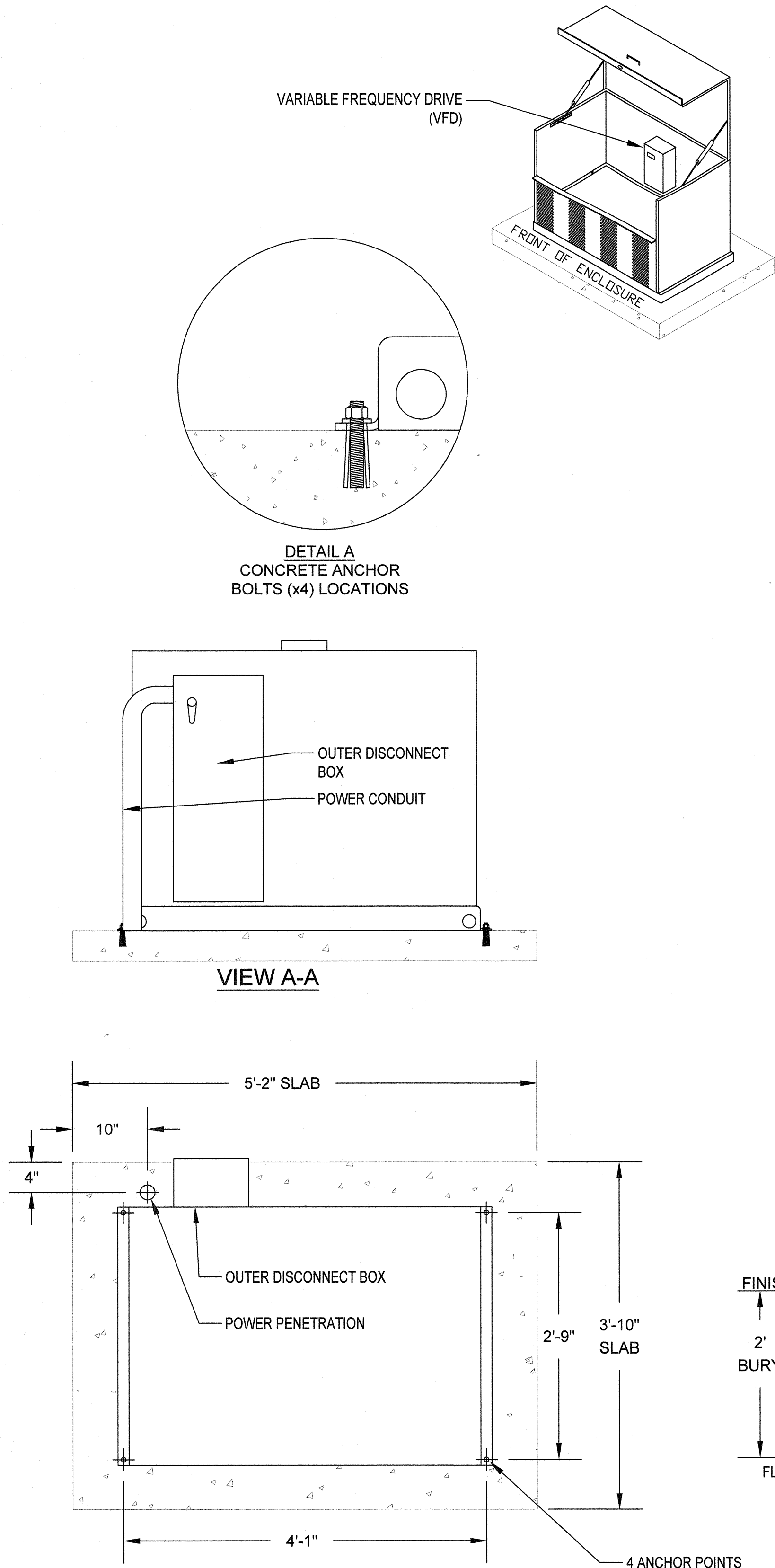
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DATE	9-7-17
SCALE	AS SHOWN
RED NO	
CLV DWG NO	
SHT NO	

11.07

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1 BOOSTER PUMP ASSEMBLY (WATER PLAY)

1"=1'



EQUIPMENT LIST

- (A) BOOSTER PUMP
*FLOW: 150 GPM (MAXIMUM SPLASH PAD FLOW BETWEEN TRANSITIONS ASSUMED)
*PRESSURE: 35 PSI INLET, 15 PSI BOOST, 50 PSI DISCHARGE
*7.5 HP, 240 VAC, 3 PHASE, 33 FULL LOAD AMPS
*MAINTAIN CONSISTENT 50 PSI DISCHARGE PRESSURE
*MANUFACTURER: WATERTRONICS
*MODEL: WMBV-5000-2-7.5-240-3-150-35
*CONTACT JIM ROSASCHI FOR ORDERING. PHONE: 702-400-4616.
- (B) CHECK VALVE
- (C) PRESSURE TRANSDUCER WITH GAUGE
- (D) BYPASS VALVE AND PIPING
- (E) FLOW SENSOR
- (F) TEMPERATURE SENSOR
- (G) STATION FAN HOOD MOUNTED
- (H) PUMP INTAKE ISOLATION VALVE
- (I) VENTILATED MARINE GRADE ALUMINUM ENCLOSURE - PAINTED SANDSTONE COLOR
- (J) INLET PRESSURE GAUGE
- (K) STAINLESS STEEL BASE (POWDER COAT SANDSTONE COLOR)
- (L) PUMP DISCHARGE ISOLATION VALVE
- (M) COMPACT SUBGRADE BELOW CONCRETE PAD TO 95% STANDARD PROCTOR DENSITY
- (N) 3-INCH FLANGE CONNECTION
- (O) 3-INCH FLANGE INTAKE DROP PIPE - SCH. 40 STEEL (PROVIDED BY WATERTRONICS)
- (P) 3-INCH FLANGE DISCHARGE DROP PIPE - SCH. 40 STEEL (PROVIDED BY WATERTRONICS)
- (Q) 1-INCH BLOWOUT PORT
- (R) DEAD-FRONT ELECTRICAL DISCONNECT
- (S) CONCRETE PAD: 5000 PSI CONCRETE, 6-INCH THICK, REINFORCED WITH #4 REBAR PLACED 12-INCH ON CENTER BOTH WAYS. PLACE REBAR 2-INCHES FROM BOTTOM OF PAD. PLACE TOP OF PAD 1-INCH ABOVE FINISH GRADE. SLOPE PAD AWAY FROM BOOSTER PUMP ENCLOSURE.
- (T) CONTROL PANEL - VFD, FORCE AIR COOLED THERMOSTATICALLY CONTROLLED. REFER TO SPECIFICATIONS.
- (U) 4-INCH DEPTH COMPACTED SUBBASE (TYPE 1 LIMESTONE) FOR CONCRETE PAD

NOTES:

1. PROVIDE SHOP DRAWING OF BOOSTER PUMP FOR APPROVAL PRIOR TO CONSTRUCTION.
2. BOOSTER PUMP TO BE TESTED IN FACTORY PRIOR TO SHIPMENT TO SITE. MANUFACTURER TO PROVIDE TESTING RESULTS TO OWNER'S REPRESENTATIVE.
3. PUMP MANUFACTURER'S REPRESENTATIVE MUST BE PRESENT DURING INSTALLATION AND START UP.
4. CONTRACTOR IS RESPONSIBLE FOR CONFIRMING ALL FIELD CONDITIONS PRIOR TO ORDERING BOOSTER PUMP.
5. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
6. REGRADE AROUND BOOSTER PUMP AS NECESSARY.



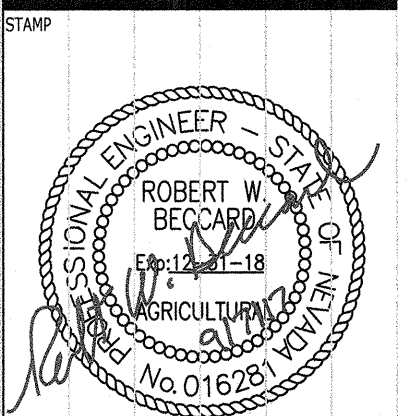
REVISIONS

NO.	DESCRIPTION	DATE

CONSULTANT



BOB BASKIN PARK
RENOVATION
WATER PLAY BOOSTER PUMP

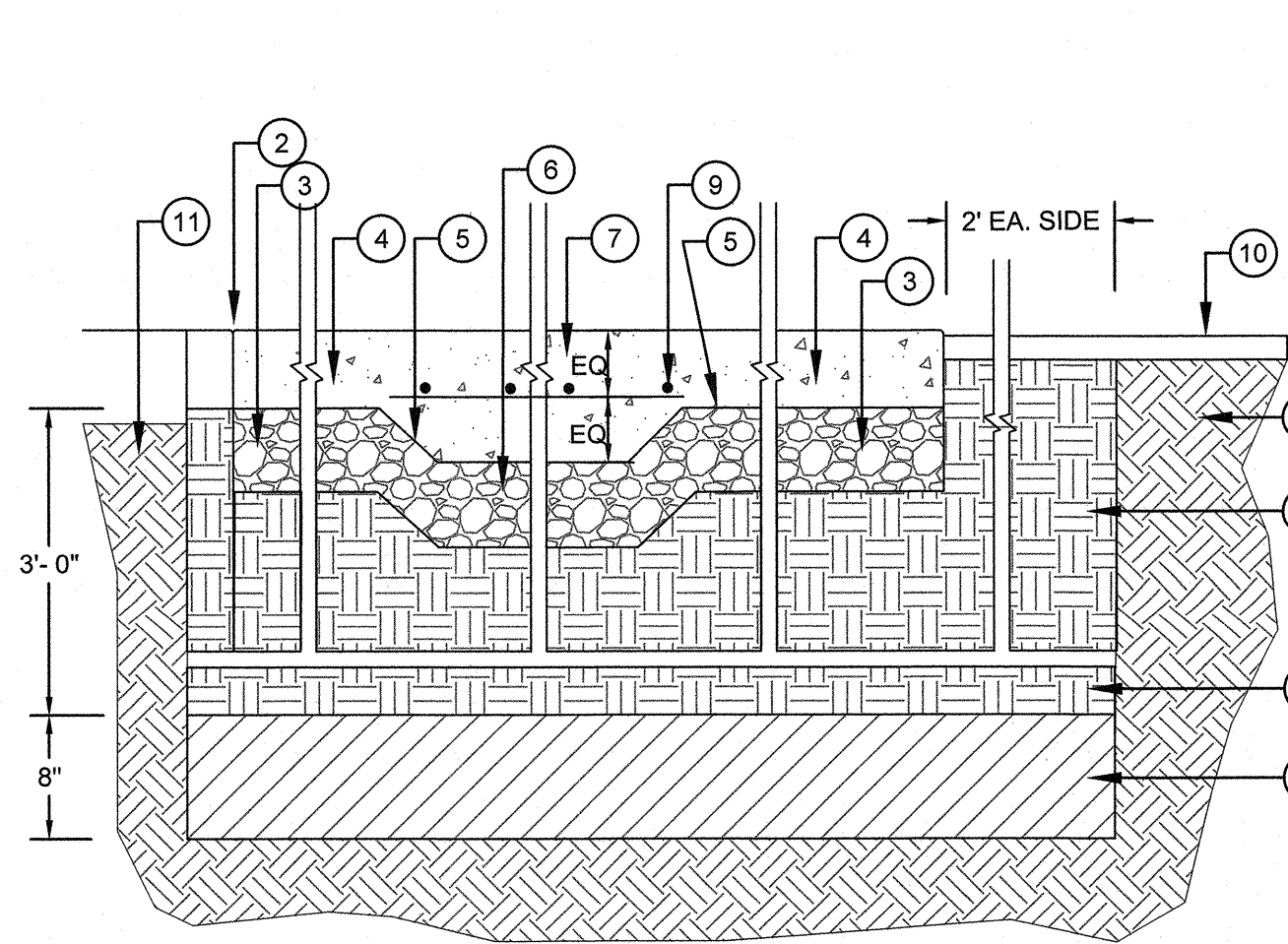


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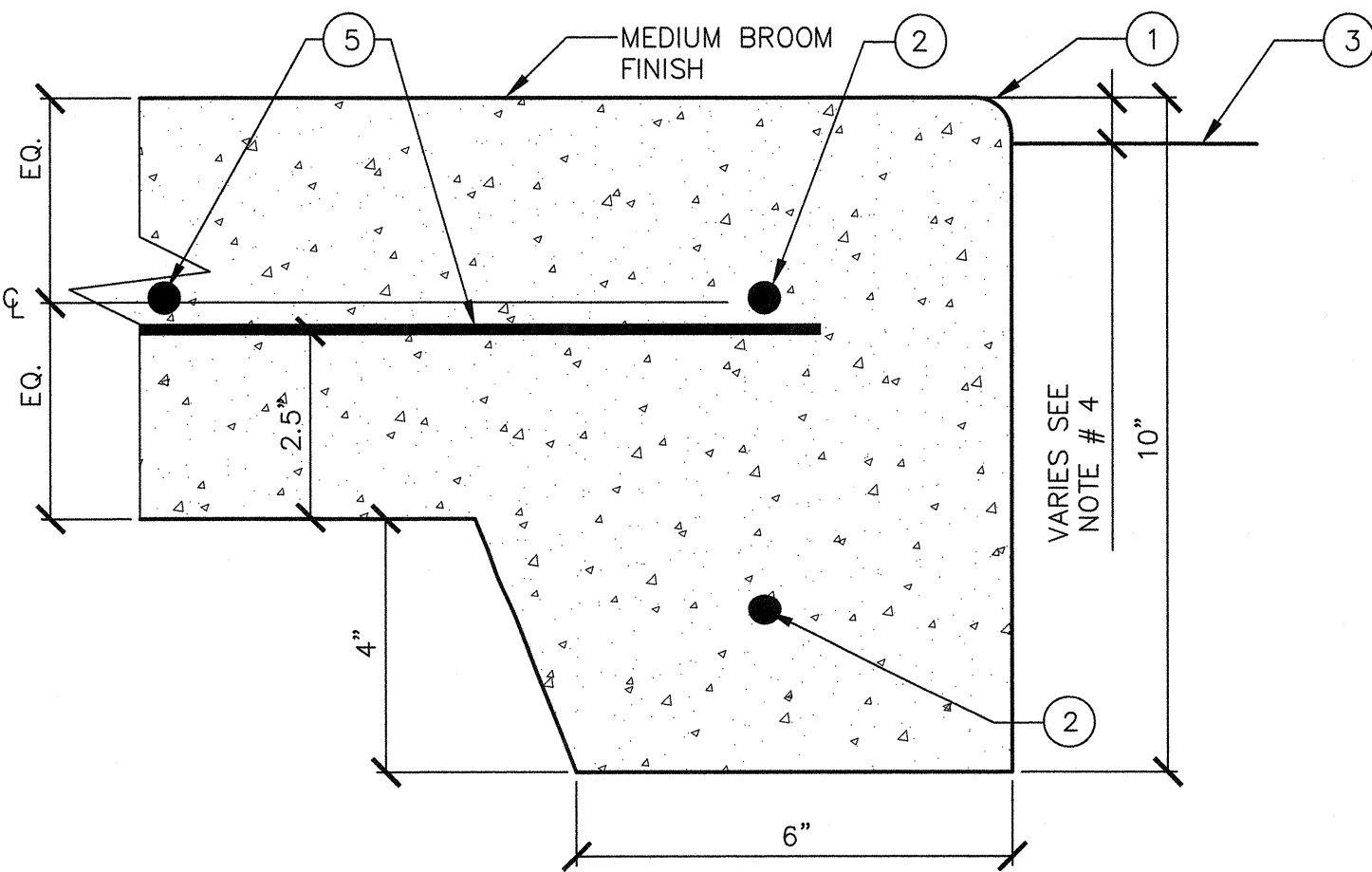
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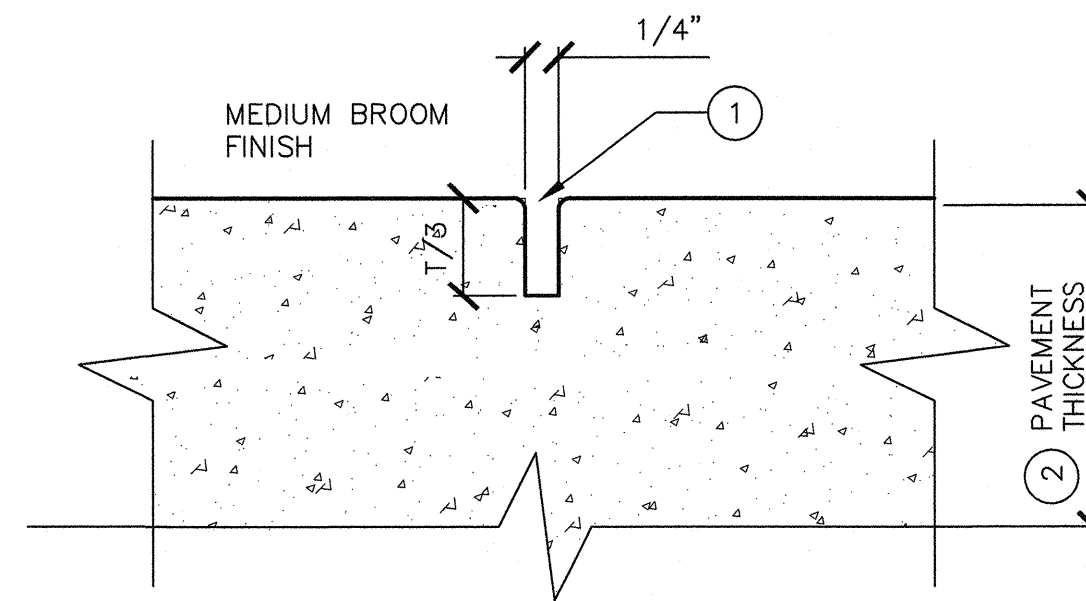
LEGEND:

1. ADJACENT PAVEMENT F.G. (WHERE OCCURS)
2. 1/4" R-TYP.
3. 4" TYPE II AGG. BASE- COMPACT 90% MIN.
4. 4" CONCRETE PAVEMENT-4,500 PSI MIN. (TYP.)
5. 45 DEGREE TRANSITION
6. 6" TYPE II AGG. BASE- COMPACT 90% MIN.
7. 6" CONCRETE PAVEMENT (WHERE SPECIFIED), 4,500 PSI MIN.
8. MED. BROOM FINISH- TYP. (UNLESS OTHERWISE SPECIFIED)
9. #4 REBAR 18" O.C.E.W IN 6" CONCRETE PAVEMENT
10. ADJACENT PLANTER F.G.
11. NATIVE SOIL
12. OVEREXCAVATE AND INSTALL STRUCTURAL FILL-SEE DETAIL 2, SHEET L4.09 AND SEE EARTHWORK SPEC.
13. SCARIFY AND RECOMPACT TO 90% MIN.- SEE EARTHWORK SPEC. AND DETAIL 2, SHEET L4.09



LEGEND:

1. 1/4" R
2. (2) #4 REBAR
3. ADJACENT PLANTER OR TURF F.G.
4. 1" D.G. / 1.5" TURF / 0" ADJACENT PAVEMENTS
5. REBAR-SEE DETAIL 1



LEGEND:

1. TOOLED CONTROL JOINT, 1/4" R EDGES
2. PAVEMENT THICKNESS 4" (EXCEPT WHERE SPECIFIED ON PLAN 6")

1 SITE CONCRETE PAVEMENTS - 4" AND 6"

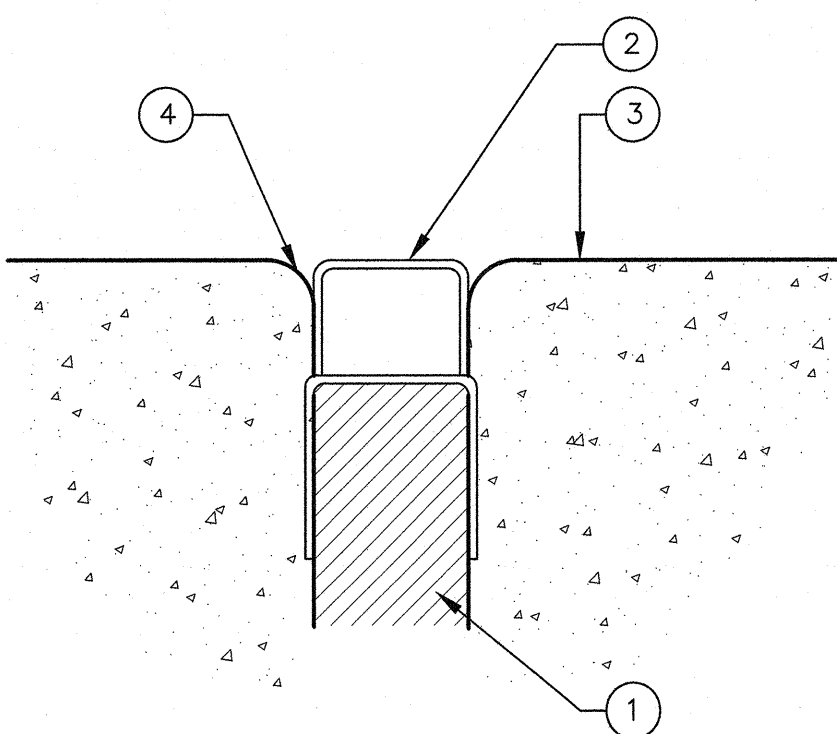
L4.01 SCALE: NONE

LEGEND:

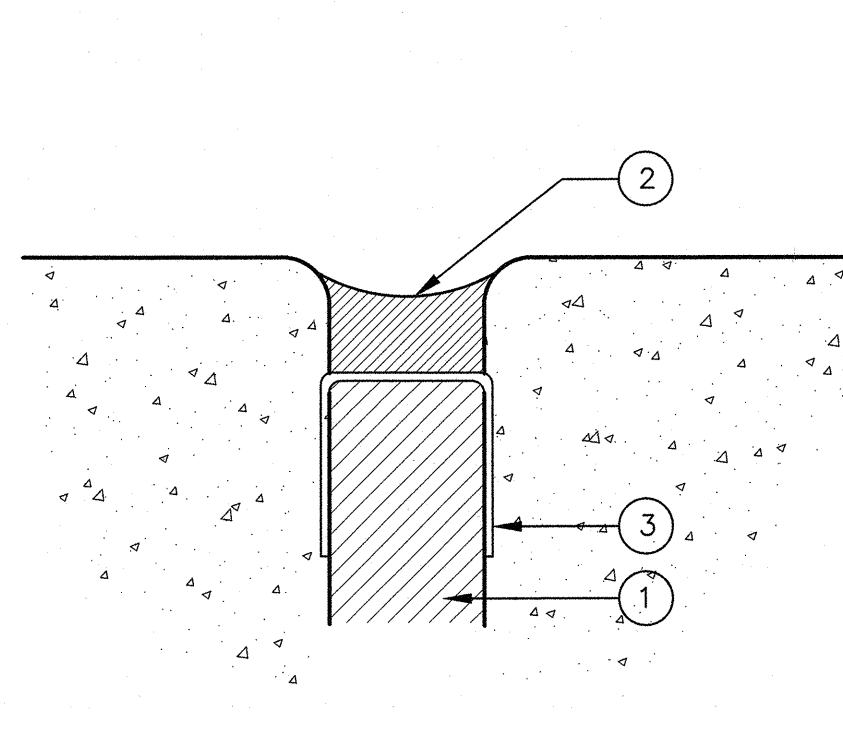
1. 1/2" BITUMINOUS FIBERBOARD FILLER
2. 1/2" WIDE EXPANSION JOINT CAP WITH REMOVABLE PVC TOP - INSTALL FLUSH WITH CONCRETE SURFACE, REMOVE PVC TOP AND INSTALL SEALANT, SEE STEP 2
3. CONCRETE PAVEMENT (STAMPED CONCRETE PATTERNS-SEE HARDSCAPE PLANS)
4. 1/4" R-TYP.

LEGEND:

1. 1/2" BITUMINOUS FIBERBOARD FILLER
2. 1/2" WIDE POLYURETHANE SEALANT-MATCH PAVEMENT COLOR, SUBMIT SAMPLES FOR INTEGRAL COLOR AREAS
3. LOWER PORTION OF EXPANSION JOINT CAP TO REMAIN



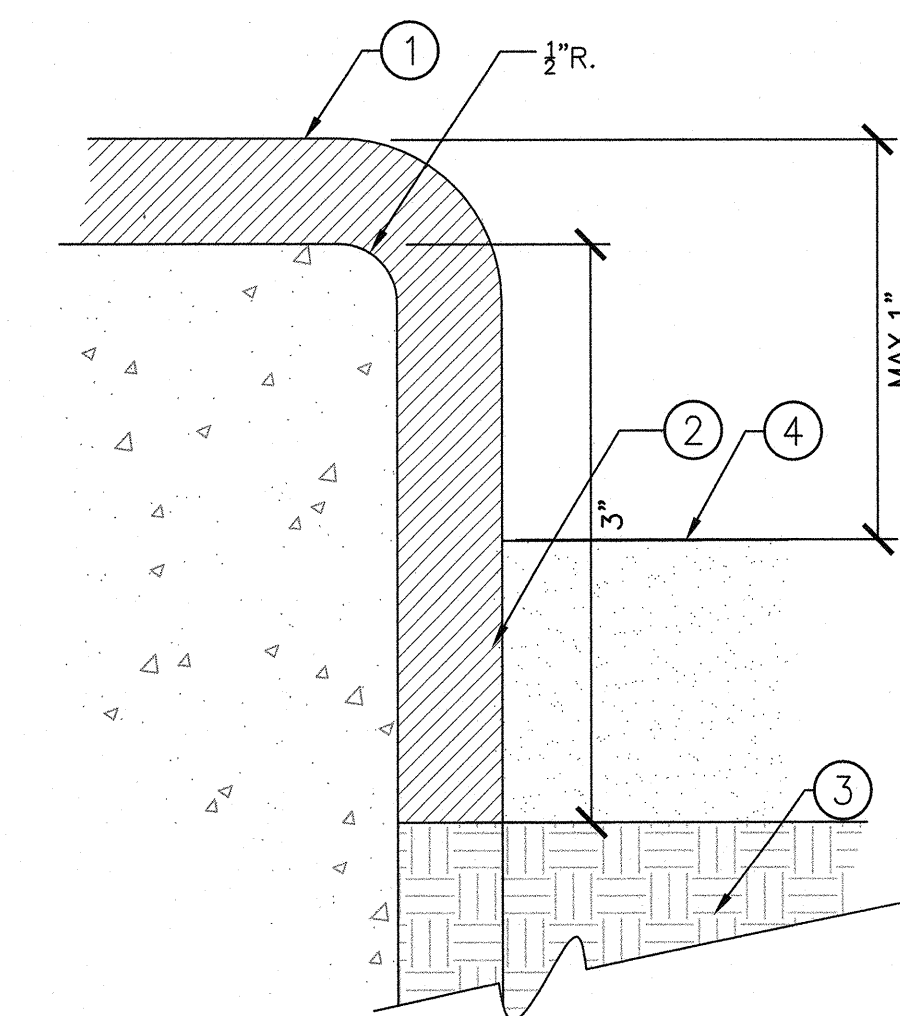
A CONDITION AT CONCRETE INSTALLATION STEP 1



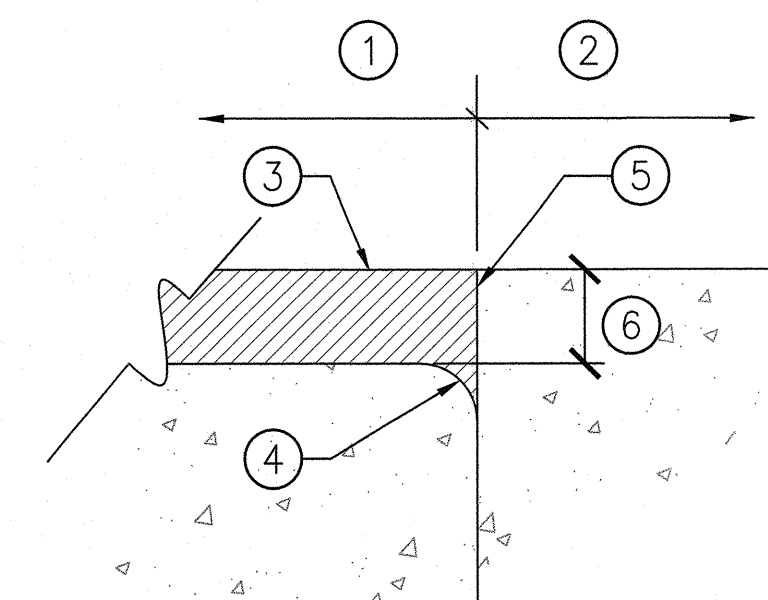
B CONDITION AFTER CONCRETE INSTALLATION STEP 2

4 EXPANSION JOINT INSTALLATION IN CONCRETE

L4.01 SCALE: NONE



1. 1/2" TRACK SURFACE
2. EXTEND SURFACING DOWN SIDE OF CONCRETE PAVEMENT TO DECOMPOSED GRANITE (D.G.) SUBGRADE
3. D.G. SUBGRADE
4. D.G. FINISH GRADE DEPTH PER PLANTING PLAN DETAIL ON SHEET L3.05



1. NEW JOGGING TRACK
2. NEW ADJACENT CONCRETE PAVEMENT OR CURB.
3. 1/2" TRACK SURFACE
4. 1/4" RADIUS
5. 0" RADIUS
6. PROVIDE 1/2" CONCRETE PAVEMENT SEPARATION SO TRACK SURFACE IS FLUSH WITH ADJACENT CONCRETE PAVEMENT.

7 JOGGING TRACK EDGE CONDITION "A"

L4.01 SCALE: 1" = 1"

PROJ-BASKPRK-53

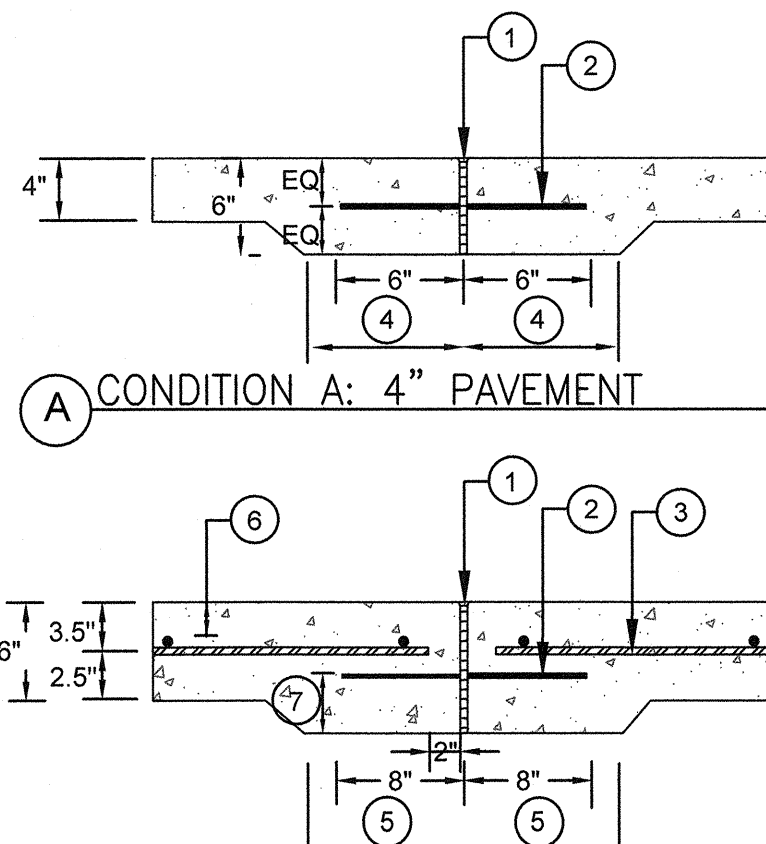
8 JOGGING TRACK EDGE CONDITION "B"

L4.01 SCALE: 1" = 1"

PA-SURF-04

2 6" CONCRETE PAVEMENT OUTER THICKENED EDGE

L4.01 SCALE: NONE



LEGEND:

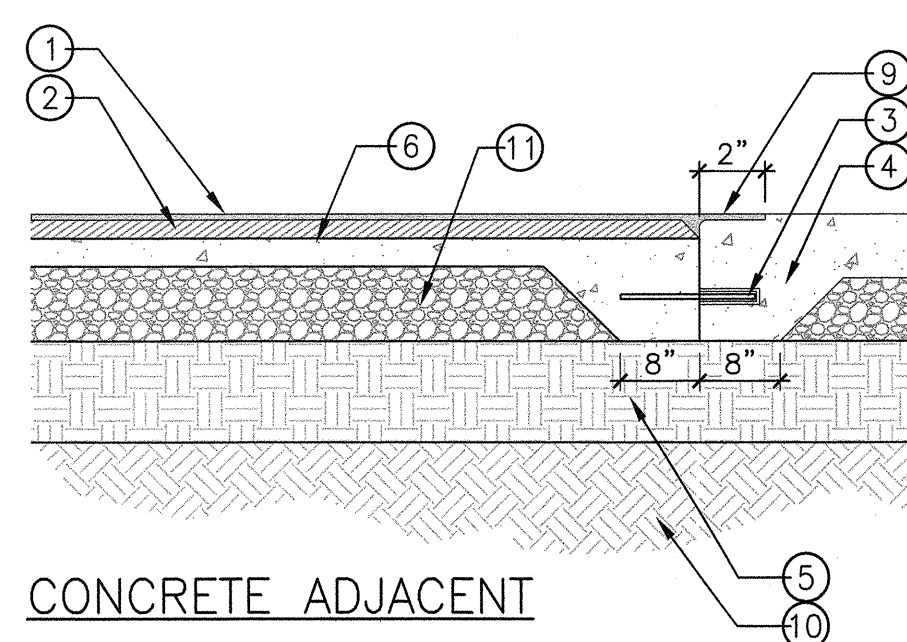
1. EXPANSION OR CONSTRUCTION JOINT
2. 1/2" DIA. x 16" GREASED DOWEL AT 2' O.C.
3. REINFORCING
4. MIN. 8" WD. x 8" D. SURFACE AREA OR 8" WD. x CONTINUOUS THICKENED PAVEMENT
5. MIN. 10" WD. x 10" D. SURFACE AREA OR 10" WD. x CONTINUOUS THICKENED PAVEMENT
6. 2" MIN. CLEAR
7. 3" MIN. CLEAR

NOTES:

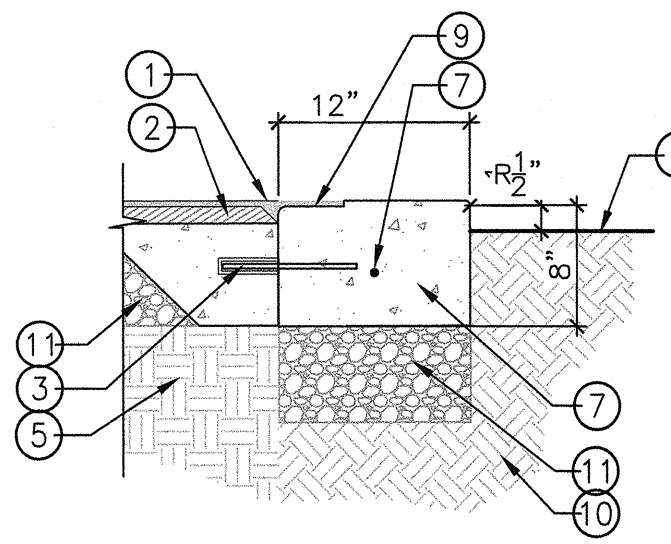
1. WHERE NEW PAVEMENT ABUTS EXISTING WALKWAYS-DRILL HOLES IN EXISTING PAVEMENT TO RECEIVE GREASED DOWEL

5 CONCRETE PAVEMENT JOINT REINFORCING

L4.01 SCALE: NONE



CONCRETE ADJACENT



TURF ADJACENT

FALL HEIGHT	OVERALL THICKNESS	FOAM THICKNESS	SBR THICKNESS	PEBBLE FLEX (RESILIENT SURFACING) THICKNESS	POURED IN PLACE EPDM (RESILIENT SURFACING) THICKNESS
8" MAX.	3-1/2"	N/A	3"	N/A	1/2"

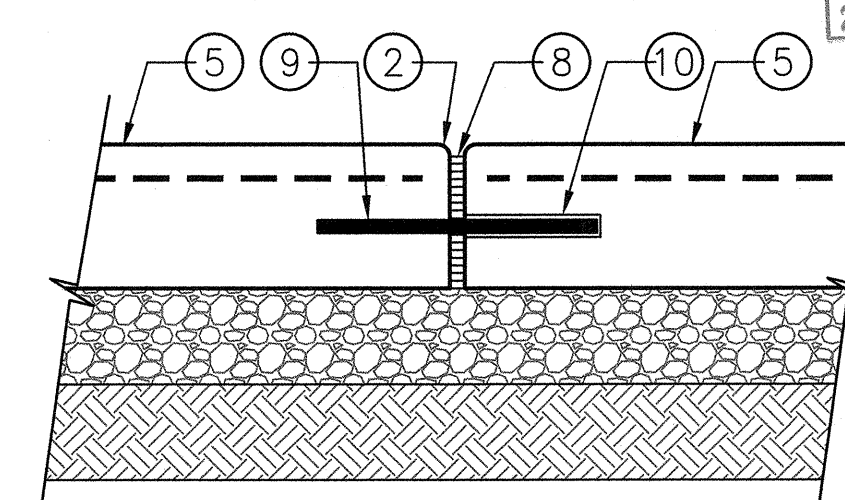
1. RESILIENT SURFACING PER SHEET L2.04. LAYER THICKNESS PER FALL HEIGHT CHART.
2. STYRENE BUTADIENE RUBBER (SBR). LAYER THICKNESS PER FALL HEIGHT CHART
3. DOWELED JOINT PER DETAIL 5, THIS SHEET
4. PROVIDE A MIN. 10"D. X 8"WD. THICKENED EDGE ON ADJACENT CONCRETE PAVEMENTS.
5. OVER-EXCAVATE AND INSTALL STRUCTURAL FILL PER DETAIL 1, THIS SHEET. DOES NOT APPLY TO EXISTING TOTLOT-REGRADE UNIFORM AND COMPACT.
6. 2500 PSI LIGHT CONCRETE SLURRY COURSE 2" DEPTH
7. #4 REBAR CONTINUOUS, 3" CLEAR
8. FINISH GRADE
9. PROVIDE A 1/2"D. X 2" NOTCH (SQ. EDGES) TO RECEIVE EXTENSION OF 1/2" EPDM SURFACE BOND TO CONCRETE.
10. NATIVE SOIL
11. 5"D. TYPE II AGGREGATE BASE COMPACTED 90% MIN.

NOTES:

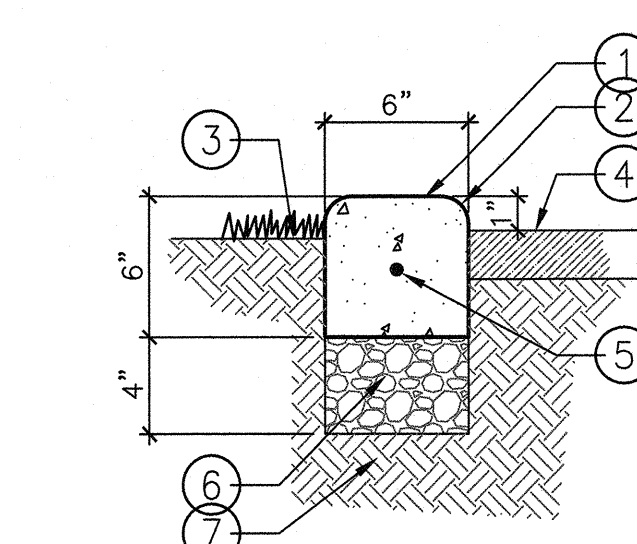
1. PROVIDE VERTICAL SCORE JOINTS (1" DEEP) AT HORIZONTAL SCORE LINES.
2. REFER TO RESILIENT SURFACING MANUFACTURER'S INSTALLATION INSTRUCTION FOR MORE INFORMATION.

6 JOGGING TRACK (NON-TREE ZONE)

L4.01 SCALE: NONE



SECTION AT EXPANSION JOINT



SECTION

1. TRACK SURFACING MIN. 1/2". THICKNESS BONDED TO CONCRETE SURFACE - SEE SPECIFICATIONS
2. 4" PEDESTRIAN CONCRETE PAVEMENT MIN. 4500 PSI CONCRETE
3. EDGE CONDITION "A"
4. LANDSCAPE PLANTER DECOMPOSED GRANITE (WHERE OCCURS)
5. 4" MIN. TYPE 2 AGGREGATE BASE- COMPACT 90% MIN.
6. OVER EXCAVATE MIN. 3 FT. BELOW EXISTING GRADE AND REINSTALL AS STRUCTURAL FILL-SEE EARTHWORK SPECIFICATION AND DETAIL 2, SHEET L4.09.
7. SCARIFY AND RECOMPACT 8" DEPTH AT 90% MIN. COMPACTION
8. UNDISTURBED SOIL
9. PLANTER FINISH GRADE

NOTES:

1. PROVIDE CONTROL JOINTS 6 FT. O.C. MAX.
2. PROVIDE EXPANSION JOINTS 48 FT. O.C. MAX.
3. CONCRETE FINISH (PER TRACK SURFACING MANUFACTURE REQUIREMENTS).

THESE PLANS WERE CHECKED UNDER THE 2012 IBC, THE 2011 NEC, AND THE 2012 IBC, UPC, AND UMC

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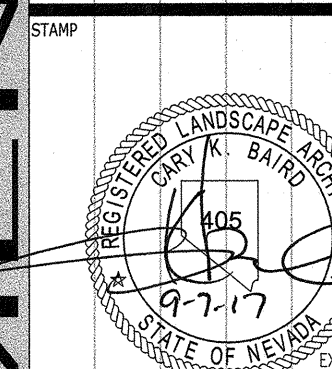
CONSULTANT



BOB BASKIN PARK
RENOVATION

DETAILS

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Las Vegas, NV 89102
Phone: (702) 732-8100
www.stantec.com



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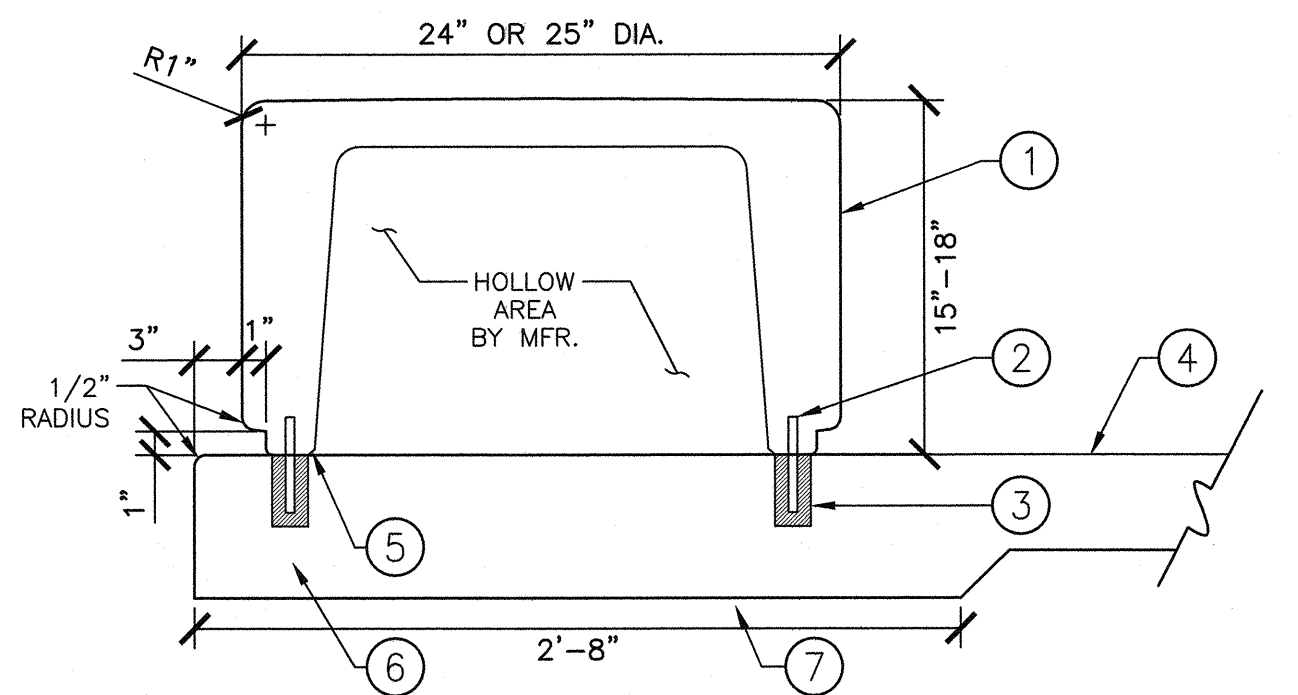
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DATE	FILE	SCALE	BID NO	CLV DWS NO	SHT NO
9-7-17	180101443	SEE PLAN	17.54875.JH	650.27-7	

L4.01

CURB-10

DRAWINGS AS INSTRUMENTS OF SERVICE ARE THE PROPERTY OF THE DESIGN PROFESSIONAL. WHOLE STAMP OF CERTIFICATION APPEARS ON THE DRAWINGS AND SPECIFICATIONS. ANY USE OR REPRODUCTION WITHOUT WRITTEN CONSENT IS STRICTLY PROHIBITED. THE CLIENT MAY BE UTILIZED ONLY FOR THE PROJECT FOR WHICH THEY WERE PREPARED AND NOT FOR THE CONSTRUCTION OF ANY OTHER PROJECT. N.E.C. 603.390

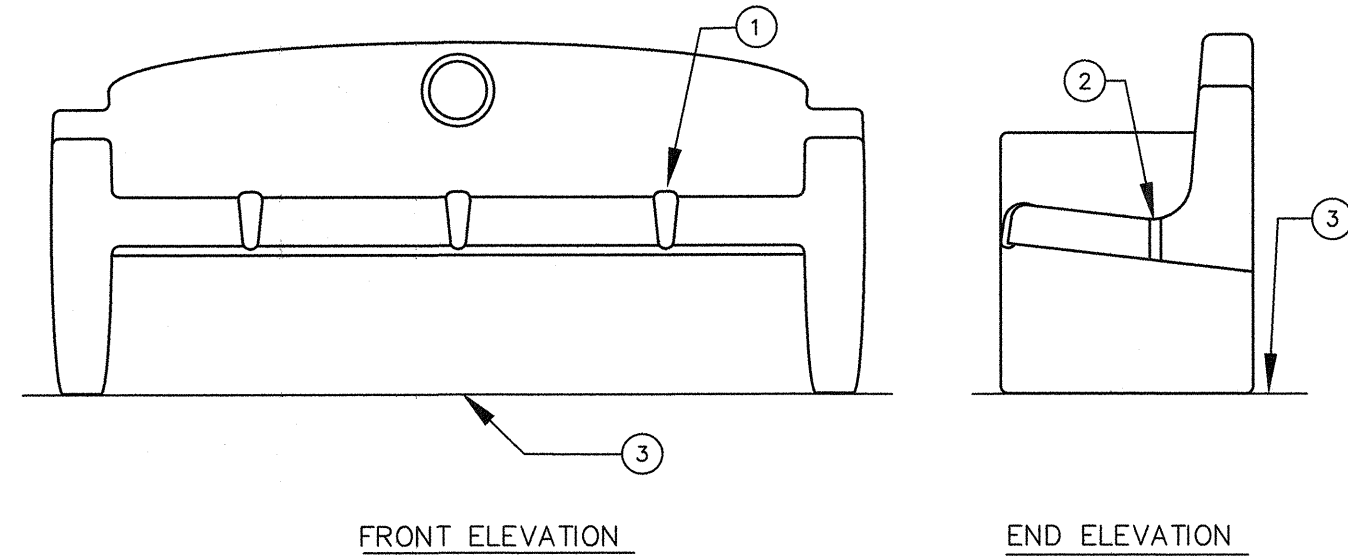


- 1 PRECAST HIGH STRENGTH CONCRETE SEAT BOLLARD AS MANUFACTURED BY WAUSAU. WWW.WAUSAUTILE.COM, QCP WWW.QCP-CORP.COM, PETERSON MANUFACTURING WWW.PETERSONMFG.COM, OR APPROVED EQUAL. COLOR: DAVIS 'SEQUOIA SAND' OR SIMILAR. FINISH: SMOOTH. MODIFICATIONS BY MANUFACTURER ARE PERMITTED SO LONG AS DESIGN INTENT IS ACHIEVED. SUBMIT SHOP DRAWINGS FOR APPROVAL.
- 2 3/8" DIAM. STEEL INSERT (MIN. 4 REQUIRED).
- 3 CORE DRILL OPENING IN CONCRETE TO RECEIVE STEEL INSERTS (MIN. 3" DEPTH) AND SEAL WITH NON-SHRINK EPOXY GROUT. MATCH PAVEMENT COLOR.
- 4 CONCRETE PAVEMENT FINISH GRADE
- 5 CONSTRUCT CHAMFER ON INSIDE EDGE
- 6 6" THICKENED CONCRETE PAVEMENT
- 7 PREPARE SUBGRADE PER CONCRETE PAVEMENT DETAILS

1 CONCRETE SEAT BOLLARD

L4.02 SCALE: 1 1/2" = 1'-0"

PROJ-BASKPRK-SS



2 CONCRETE BENCH

L4.02 SCALE: NONE

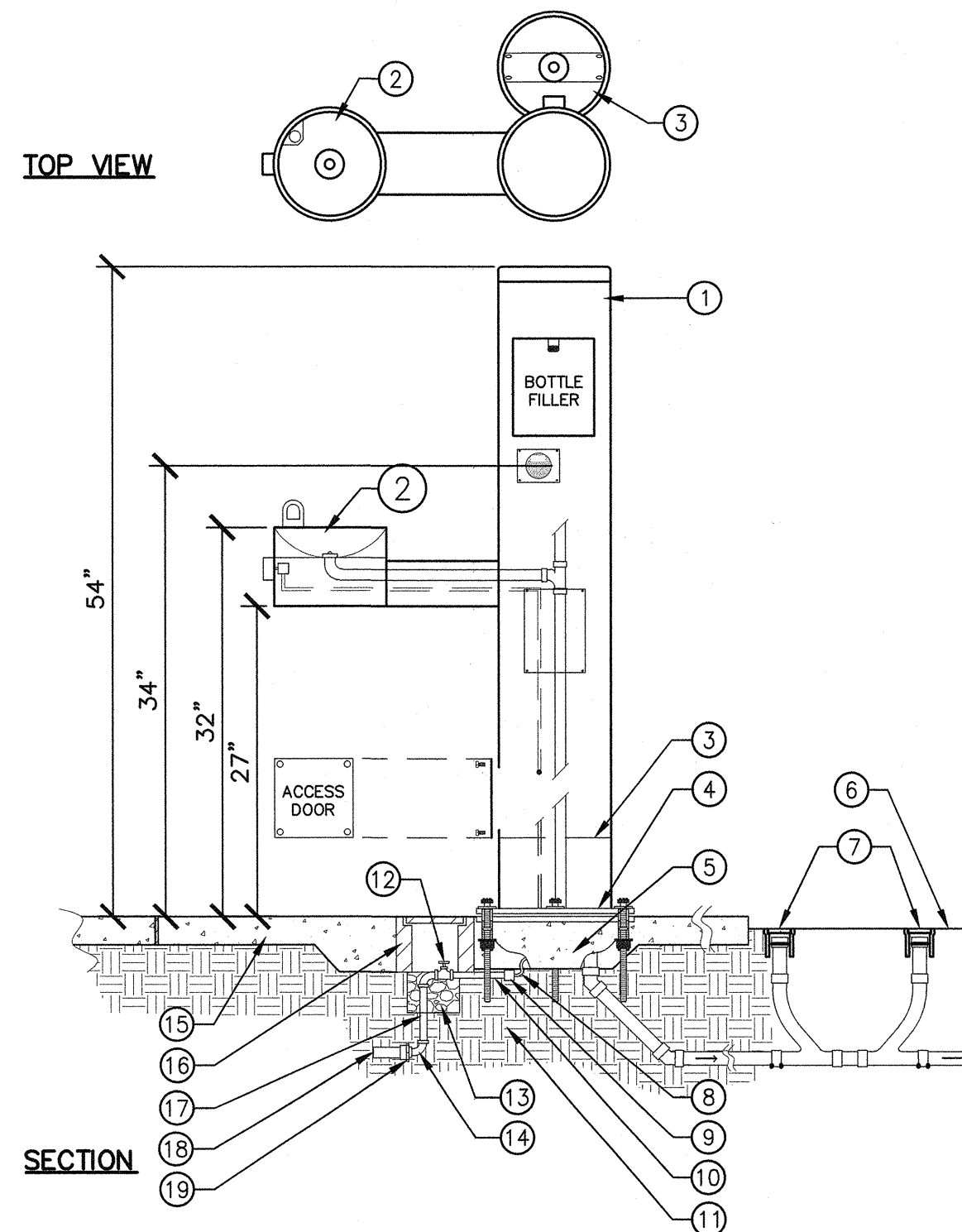
LEGEND:

1. SKATE DETERRENT
2. DRAIN HOLE BY MFR.
3. CONCRETE PAVEMENT

NOTES

- a. (2) EXISTING ON-SITE CONCRETE BENCHES SHALL BE RELOCATED TO THE SPLASH PAD AREA AS SHOWN ON THE SITE PLAN.
- b. CONTRACTOR SHALL CLEAN THE EXISTING CONCRETE BENCHES. A CONCRETE CLEANER MAY BE USED TO REMOVE DIFFICULT STAINS/MARKS. CONSULT WITH A CONCRETE BENCH MFR. TO CONFIRM CLEANER WILL NOT HARM FINISH OR INTEGRAL COLOR.
- c. INSTALL NEW CONCRETE BENCHES ON CONCRETE PAVEMENT WHERE SHOWN ON THE PLANS SECURE IN PLACE PER MFR. RECOMMENDATIONS. LOCATIONS SHALL BE APPROVES BY OWNER'S REP PRIOR TO SECURING IN PLACE

TOP VIEW



SECTION

3 DRINKING FOUNTAIN W/ PET FOUNTAIN & BOTTLE FILLER

L4.02 SCALE: 1" = 1'-0"

DETAIL-FILE

COLOR SCHEDULE:

- A. YELLOW (FABRIC)
- B. BLUE (FABRIC)
- C. RED (POSTS, HARDWARE, LIGHT FIXTURES)

SUBMIT COLOR SAMPLES FOR FABRIC AND STEEL FOR APPROVAL PRIOR TO ORDERING.

NOTES:

1. SEE PROJECT SPECIFICATIONS FOR MORE INFORMATION.
2. ***THIS IS A DEFERRED SUBMITTAL***

THIS PLAN REPRESENTS THE DESIGN INTENT FOR A SHADE CLOTH CANOPY STRUCTURE OVER THE NEW PLAYGROUND. CONTRACTOR SHALL COORDINATE WITH THE MANUFACTURER TO DETERMINED FINAL POST LOCATIONS WITH THE PLAYGROUND AS DESIGNED AND TO AVOID CONFLICTS. SHOP DRAWINGS AND CALCULATIONS SHALL BE REQUIRED STAMPED AND SIGNED BY A NEVADA REGISTERED PROFESSIONAL ENGINEER. THE FIRST SUBMITTAL OF DRAWINGS SHALL BE TO THE OWNER'S REPRESENTATIVE FOR REVIEW. UPON INITIAL CONCEPT APPROVALS, SUBMIT NEW SHOP DRAWINGS FOR OWNER REPRESENTATIVE REVIEW, INCORPORATING PREVIOUS SUBMITTAL COMMENTS, THEN SUBMIT THE PACKAGE TO CITY DEVELOPMENT SERVICES TO BEGIN THEIR REVIEW FOR PERMITTING.

3. THIS STRUCTURE SHALL INCLUDE LIGHT FIXTURES PER FIXTURES SPECIFIED ON THE ELECTRICAL PLANS FOR MOUNTING BY THE CONTRACTOR. SHADE STRUCTURE MANUFACTURER SHALL COORDINATE WITH LIGHT FIXTURE MANUFACTURER TO FABRICATE A CUSTOM MOUNTING BRACKET ASSEMBLY TO SUPPORT LIGHT FIXTURE MOUNTED TO THE STRUCTURE POSTS. SUBMIT SHOP DRAWING DETAILING THE BRACKET AND MOUNTING ASSEMBLY FOR REVIEW. THE STRUCTURE SHALL BE A COMPLETE AND INSTALLED SYSTEM INCLUDING LIGHTING, ALL HARDWARE AND APPURTENANCES AND SHALL INCLUDE ALL COSTS FOR ENGINEERING BY THE MANUFACTURER TO PREPARE SHOP DRAWING, CALCULATIONS, AND PROCESSING COSTS TO SECURE PERMITS BY THE CITY.

4. LIGHT FIXTURE PROPOSED BY MANUFACTURER SHALL BE SUBMITTED TO THE OWNER'S REPRESENTATIVE FOR APPROVALS. FIXTURE TO BE VANDAL PROOF AND PAINTED TO MATCH POST COLOR. PLAYGROUND LIGHTING SHALL NOT BE INDEPENDENT TO THE SHADE STRUCTURE. LIGHT FIXTURE LOCATIONS SHOWN ON SITE ELECTRICAL PLAN IN PLAYGROUND AREA IS DIAGRAMMATIC ONLY.

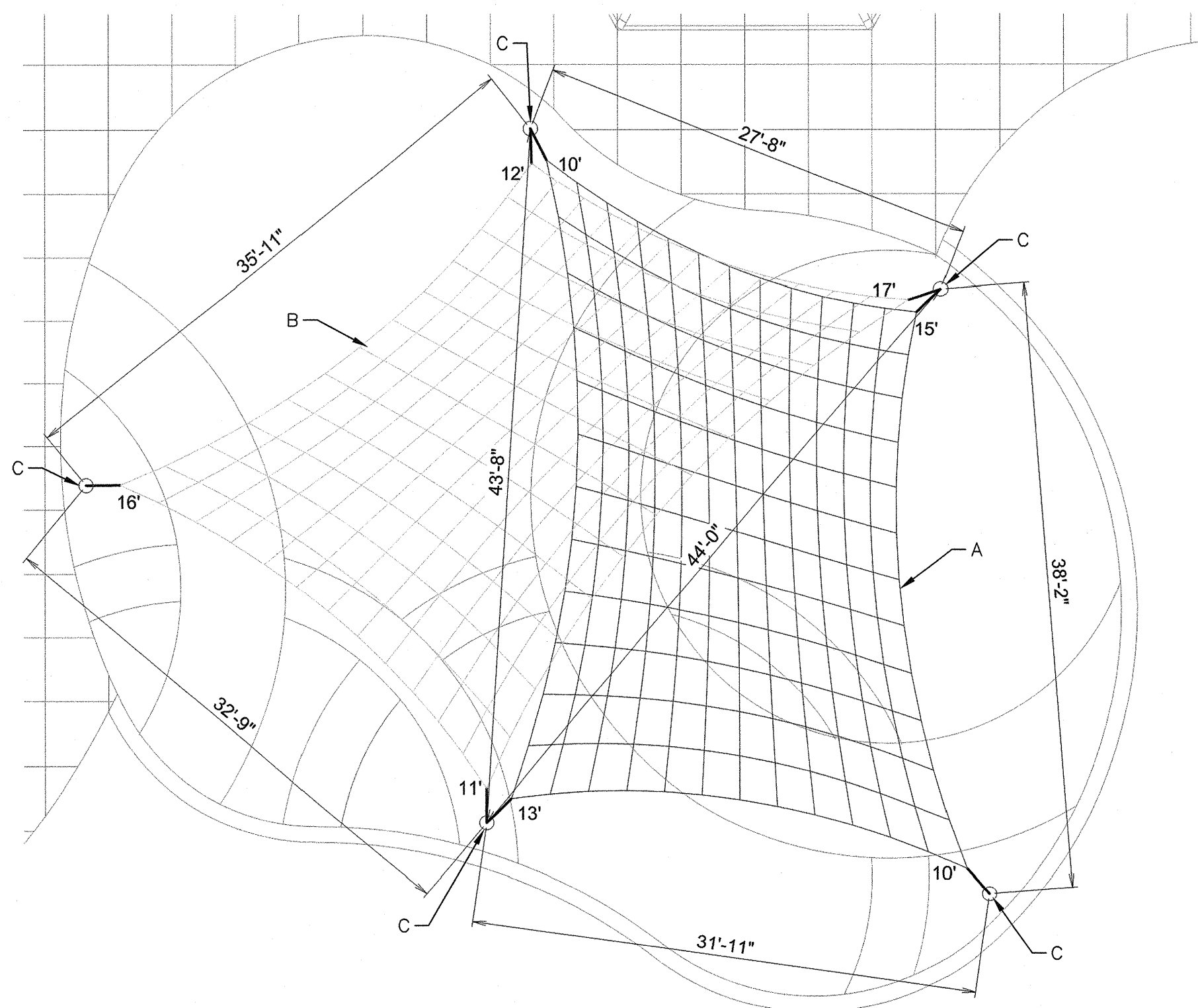
5. AUTOCAD FILE IS AVAILABLE TO ASSIST WITH SHADE STRUCTURE DESIGN FOR POST LOCATIONS. DIMENSIONS SHOWN ARE APPROXIMATE, FOR BID ASSISTANCE ONLY.

6. PREPARE 3-D ISOMETRIC DRAWINGS SHOWING THE SHADE SAIL ELEVATIONS AND POSTS RELATIVE TO FINISH GRADE ELEVATION FOR REVIEW.

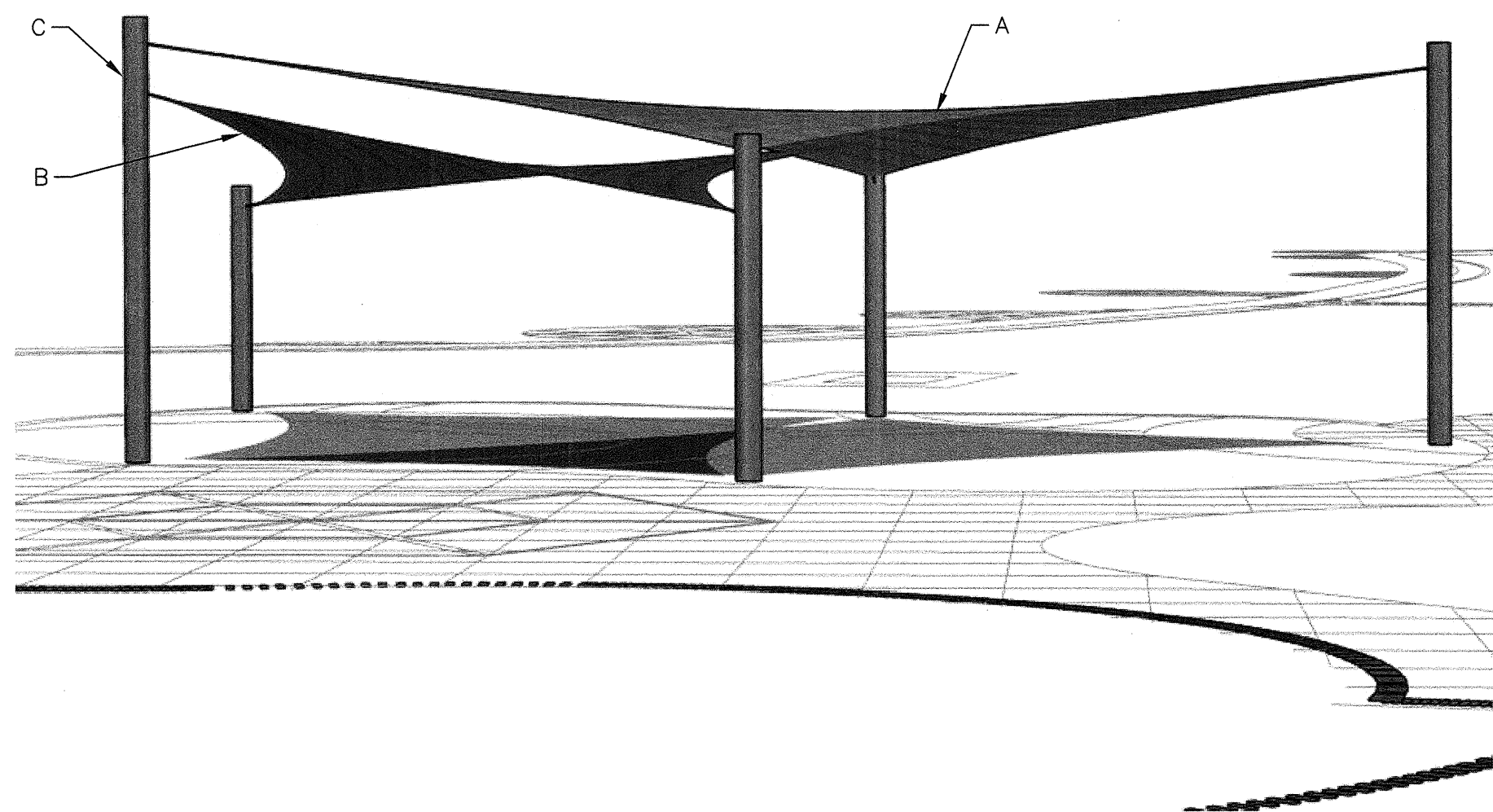
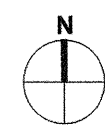
7. REVIEW GRADING PLAN. CONTRACTOR AND MANUFACTURER TO DETERMINE ANTICIPATED FINISH GRADES TO BE BUILT RELATIVE TO SHADE CANOPY POST SIZES TO BE FABRICATED.

8. ELEVATIONS AT POSTS SHOWN DO NOT ACCOUNT FOR ACTUAL POST HEIGHTS. POST HEIGHT ABOVE SHADE CANOPY CONNECTION ELEVATION SHALL BE DETERMINED BY MANUFACTURER.

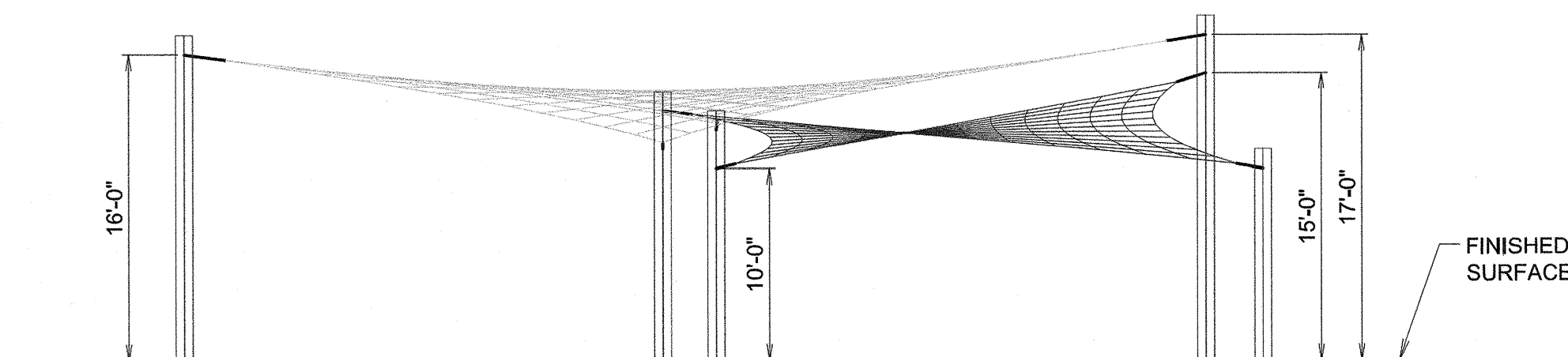
* POST HEIGHTS DO NOT ACCOMMODATE FOR POST LENGTH BELOW FINISH GRADE.



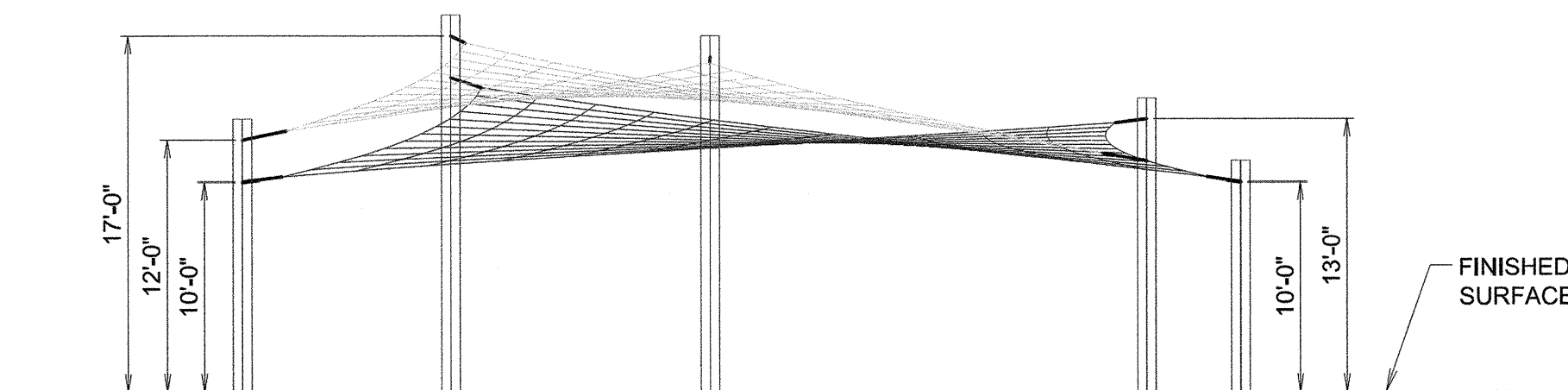
PLAN VIEW



PERSPECTIVE VIEW



SOUTH ELEVATION



WEST ELEVATION

4 FABRIC SHADE STRUCTURE

L4.02 SCALE: 1/8" = 1'-0"

SA-SHADE-03



REVISIONS

NO.	DESCRIPTION	DATE

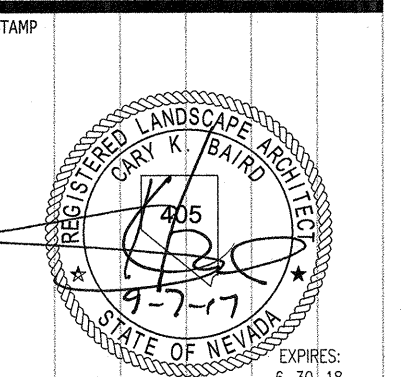
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BOB BASKIN PARK
RENOVATION

DETAILS



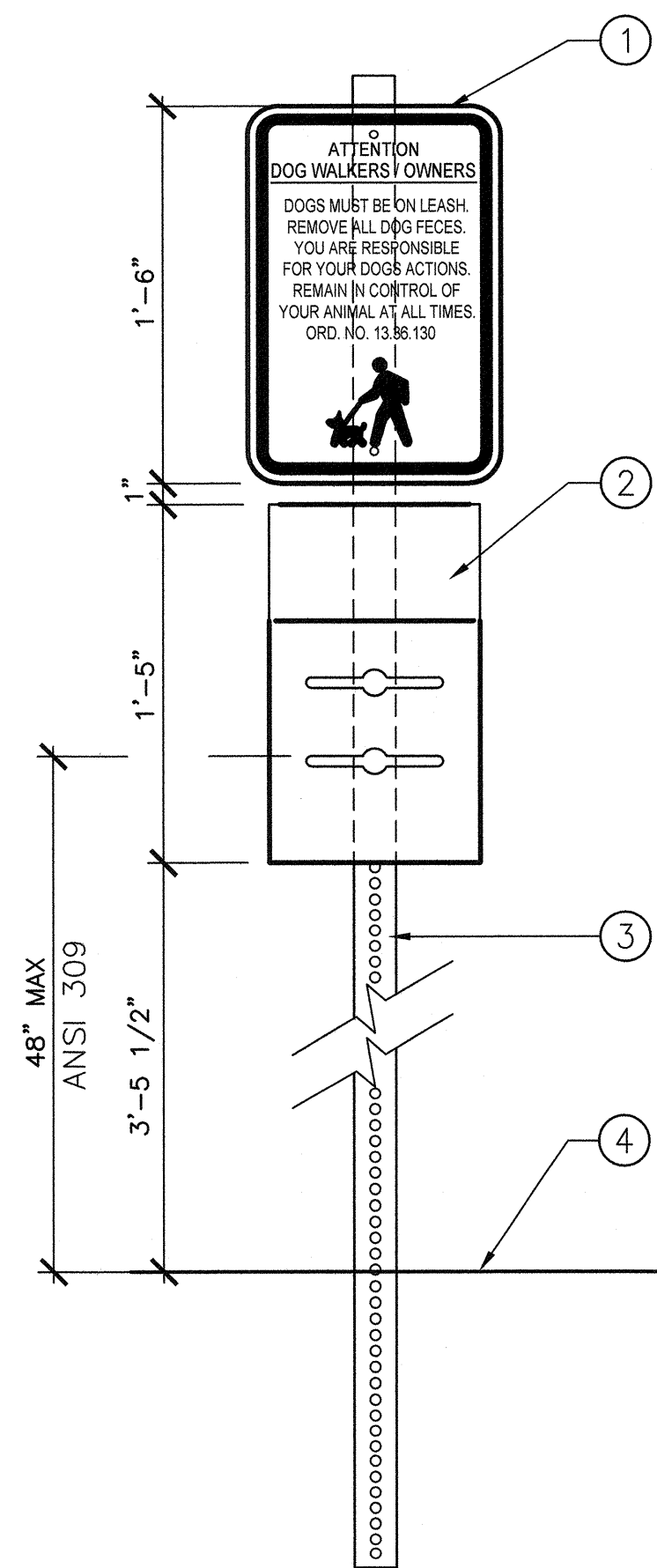
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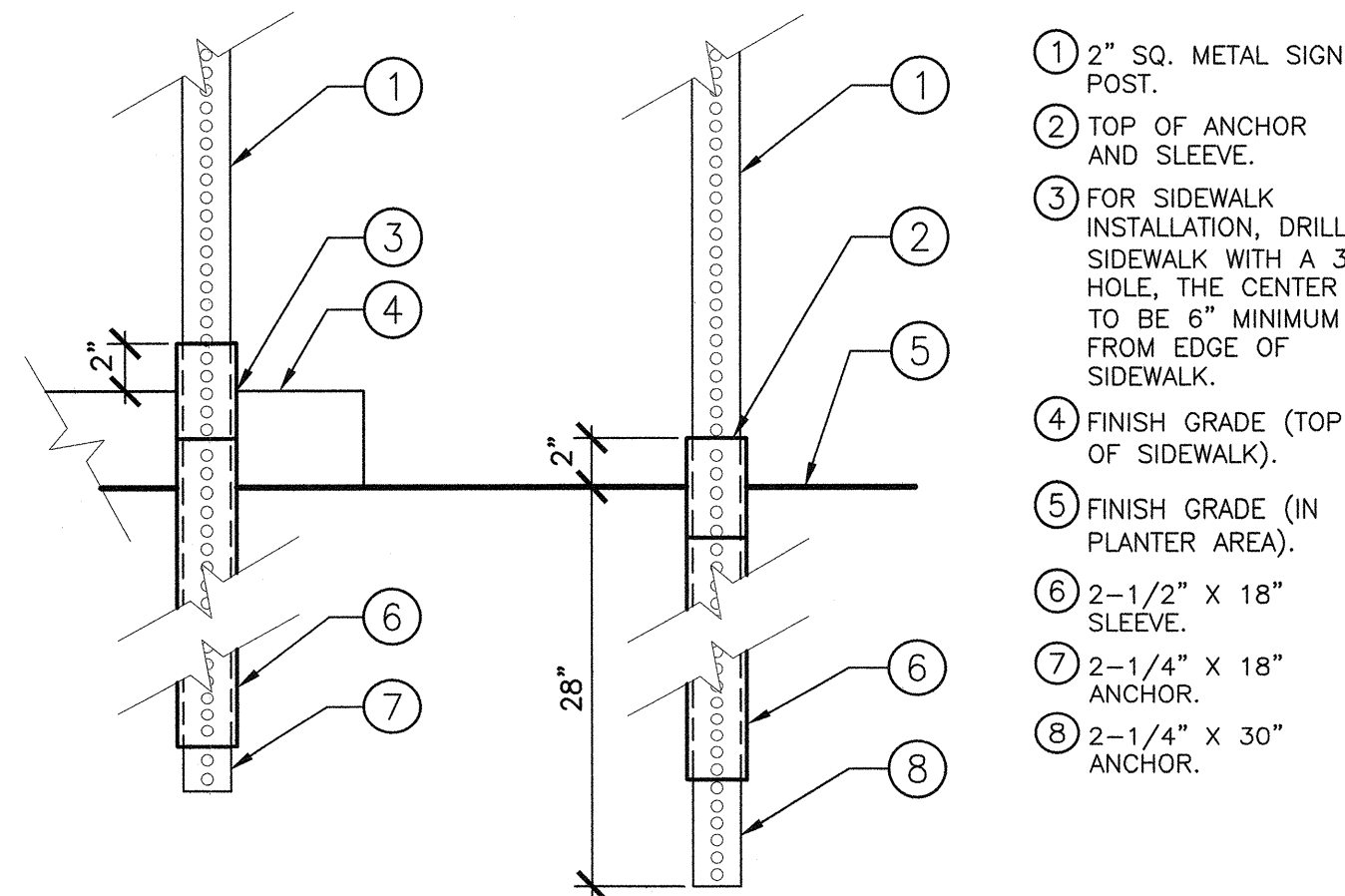
SHT NO

L4.02



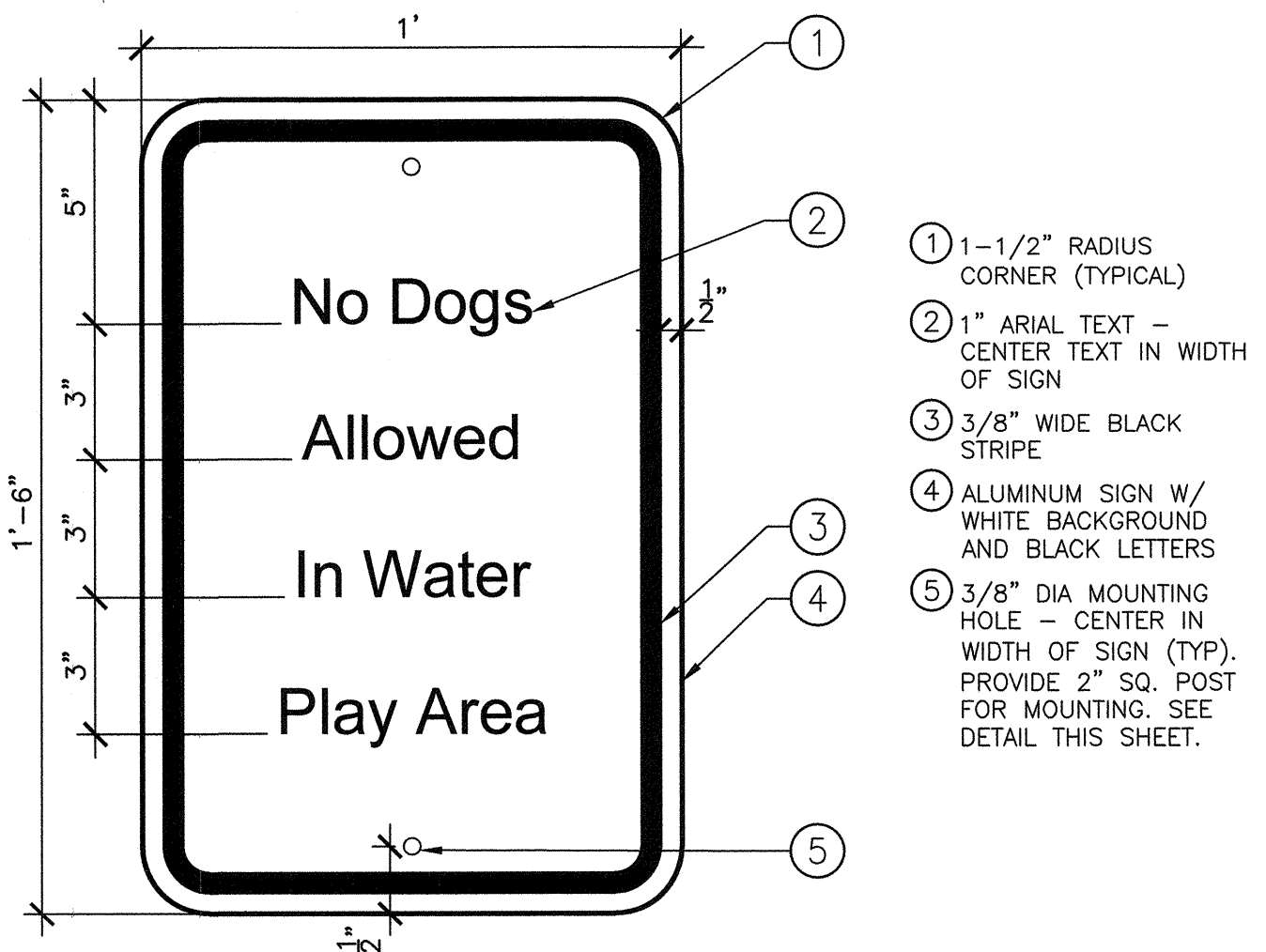
4 DOG BAG STATION
L4.03 SCALE: 1 1/2" = 1'-0"

- 1 SEE DETAIL THIS SHEET FOR ENLARGEMENT
- 2 POLY DOGIPOT JUNIOR BAG DISPENSER (ITEM #1007-2) 400 BAGS
- 3 2" SQ. METAL POST FOR MOUNTING (5'-6" TALL). SEE DETAIL THIS SHEET FOR INSTALLATION.
- 4 FINISH GRADE



- NOTES:
1. ALL COMPONENTS SHALL BE SQUARE POST, PERFORATED ON ALL FOUR SIDES.
 2. ATTACH ANCHOR AND SLEEVE TOGETHER PRIOR TO DRIVING INTO GROUND. LEAVE AT LEAST ONE HOLE, BUT NO MORE THAN TWO, ABOVE GROUND OR ABOVE SIDEWALK.
 3. ATTACH POST TO ANCHORING SYSTEM BY USING AT LEAST TWO 3/8" DIA. DRIVE RIVETS.
 4. PROVIDE 4" MINIMUM LAP BETWEEN POST AND THE ANCHOR/SLEEVE ASSEMBLY.
 5. PROVIDE TWO SUPPORT POSTS AT PARK RULES SIGN.

1 SIGN POST INSTALLATION
L4.03 SCALE: 1 1/2" = 1'-0"

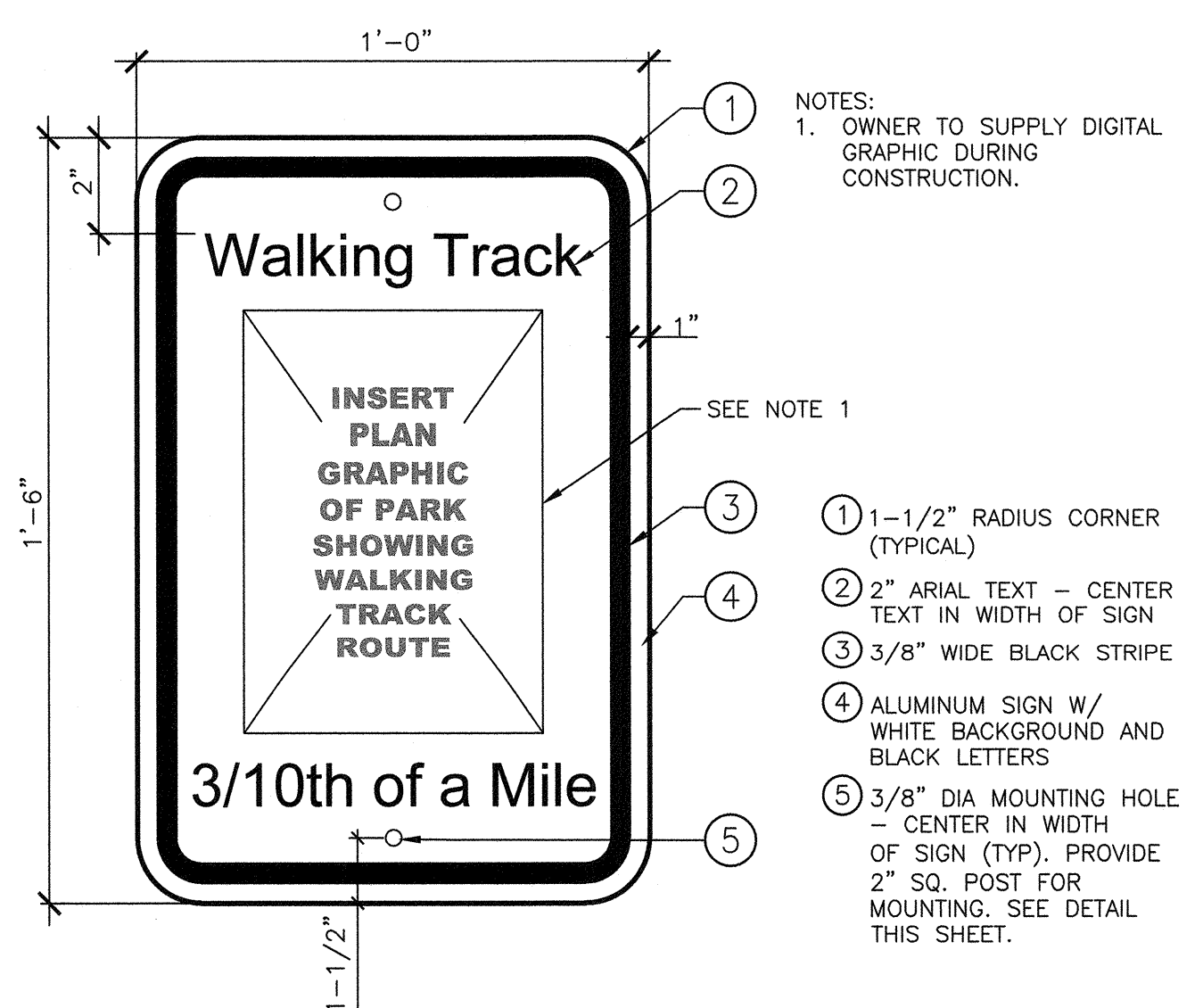


5 WATER PLAY AREA SIGN
L4.03 SCALE: 3" = 1'-0"

- 1 1-1/2" RADIUS CORNER (TYPICAL)
- 2 3" ARIAL NARROW TEXT - CENTER TEXT IN WIDTH OF SIGN
- 3 3/8" WIDE BLACK STRIPE
- 4 ALUMINUM SIGN W/ WHITE BACKGROUND AND BLACK LETTERS
- 5 3/8" DIA MOUNTING HOLE - CENTER IN WIDTH OF SIGN (TYP). PROVIDE 2" SQ. POST FOR MOUNTING. SEE DETAIL THIS SHEET.

1. ALUMINUM SIGNS (.080").
2. ENGINEERED WHITE SHEETING BACKGROUND.
3. SILK-SCREEN APPLIED COLOR OVER BACKGROUND MATERIAL. (INKS SHALL HAVE A LIGHT FASTNESS RATING OF 7-8 ON THE DIN 16525 (WOOL SCALE) OR EQUIVALENT INDUSTRY STANDARD, AND MUST BE ABLE TO WITHSTAND 375 DEGREES FAHRENHEIT (190 DEGREES CELSIUS) WITHOUT NOTICEABLE CHANGE OF PIGMENTATION. INKS SHALL BE FORMULATED USING A COMPUTER COLORIMETRY SYSTEMS AND SHALL BE MATCHED WITH A TOLERANCE OF ± 0.1 GRAMMES.
4. PROVIDE UV INHIBITORS IN COLOR.
5. PROVIDE 3M SCOTCHLITE PROTECTIVE OVERLAY FILM SERIES 1150.
6. REFERENCE SIGN DRAWINGS FOR HOLE LOCATIONS.

2 SIGN SPECIFICATIONS
L4.03 SCALE: NONE



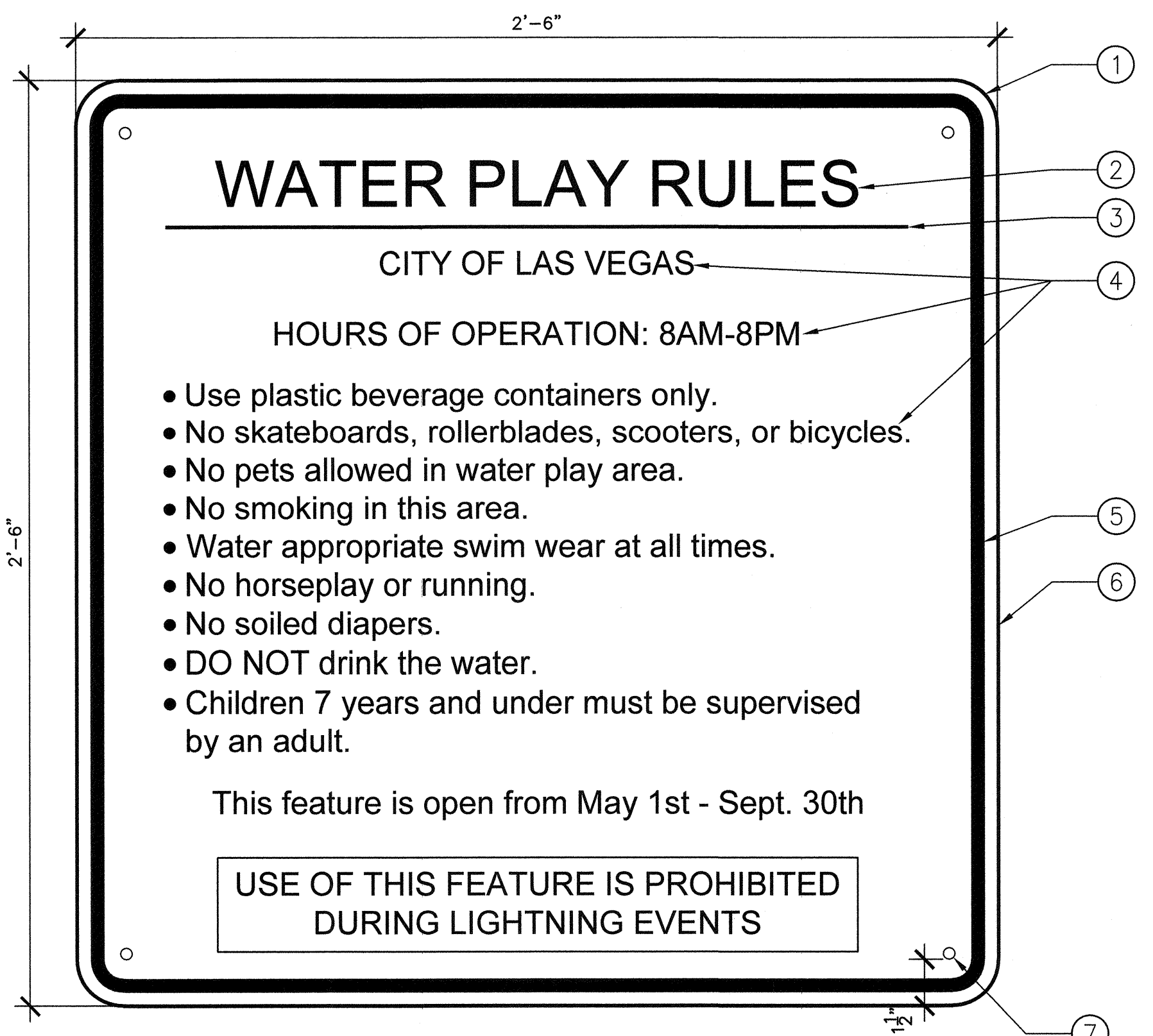
3 INFORMATIVE SIGNAGE
L4.03 SCALE: 3" = 1'-0"

- NOTES:
1. OWNER TO SUPPLY DIGITAL GRAPHIC DURING CONSTRUCTION.
- 1 1-1/2" RADIUS CORNER (TYPICAL)
 - 2 2" ARIAL TEXT - CENTER TEXT IN WIDTH OF SIGN
 - 3 3/8" WIDE BLACK STRIPE
 - 4 ALUMINUM SIGN W/ WHITE BACKGROUND AND BLACK LETTERS
 - 5 3/8" DIA MOUNTING HOLE - CENTER IN WIDTH OF SIGN (TYP). PROVIDE 2" SQ. POST FOR MOUNTING. SEE DETAIL THIS SHEET.



6 ATTENTION DOG WALKERS SIGN
L4.03 SCALE: 3" = 1'-0"

- 1 1-1/2" RADIUS CORNER (TYPICAL)
- 2 3" ARIAL NARROW TEXT - CENTER TEXT IN WIDTH OF SIGN
- 3 1-1/2" ARIAL NARROW TEXT - CENTER TEXT IN WIDTH OF SIGN
- 4 1/8" THK LINE - CENTER IN WIDTH OF SIGN AND EVENLY BETWEEN TEXT
- 5 1-1/4" ARIAL NARROW TEXT - CENTER TEXT IN WIDTH OF SIGN
- 6 3/8" WIDTH BLACK STRIPE
- 7 ALUMINUM SIGN W/ WHITE BACKGROUND AND BLACK LETTERS
- 8 3/8" DIA MOUNTING HOLE - CENTER IN WIDTH OF SIGN (TYP). PROVIDE 2" SQ. POST FOR MOUNTING. SEE DETAIL.



7 WATER PLAY RULES SIGN
L4.03 SCALE: 3" = 1'-0"

- 1 1-1/2" RADIUS CORNER (TYPICAL)
- 2 1-1/2" ARIAL TEXT - CENTER TEXT IN WIDTH OF SIGN
- 3 1/8" THK LINE - CENTER IN WIDTH OF SIGN AND EVENLY BETWEEN TEXT
- 4 3/4" ARIAL TEXT - CENTER TEXT IN WIDTH OF SIGN
- 5 3/8" WIDTH BLACK STRIPE
- 6 ALUMINUM SIGN W/ WHITE BACKGROUND AND BLACK LETTERS
- 7 3/8" DIA MOUNTING HOLE - AT ALL 4 CORNERS (TYP). PROVIDE 2" SQ. POST FOR MOUNTING. SEE DETAIL.



REVISIONS

NO.	DATE	DESCRIPTION

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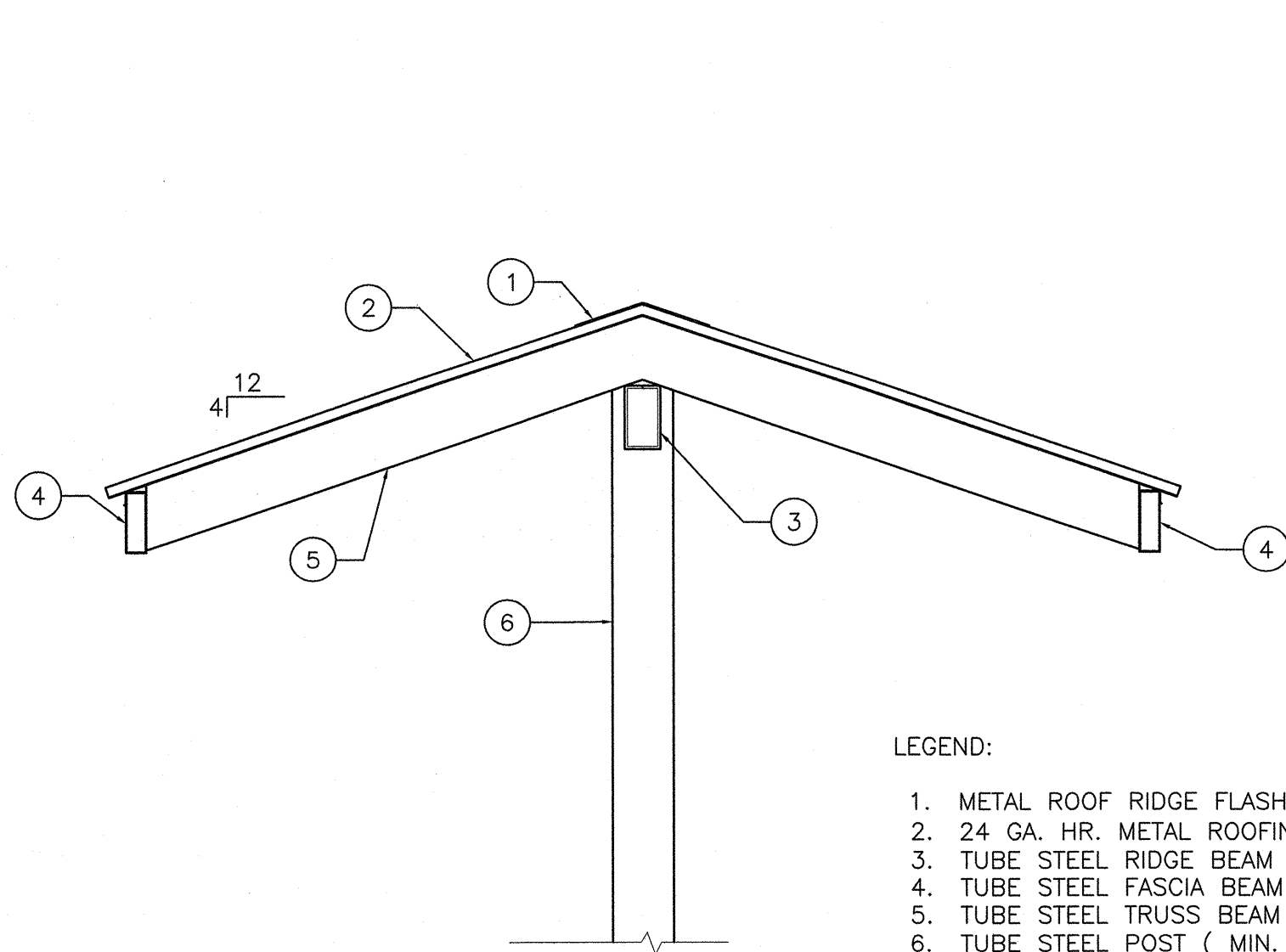
BOB BASKIN PARK
RENOVATION
DETAILS

OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS
ARCHITECTURAL SERVICES

DEVELOPMENT SERVICES CENTER
333 N. RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6276
FAX: (702) 384-4846

DRAWN: LR
FILE: 180101443
DATE: 9-7-17
SCALE: SEE PLAN
BID NO: 17.54875.JH
CLV DWG NO: 650.27-7

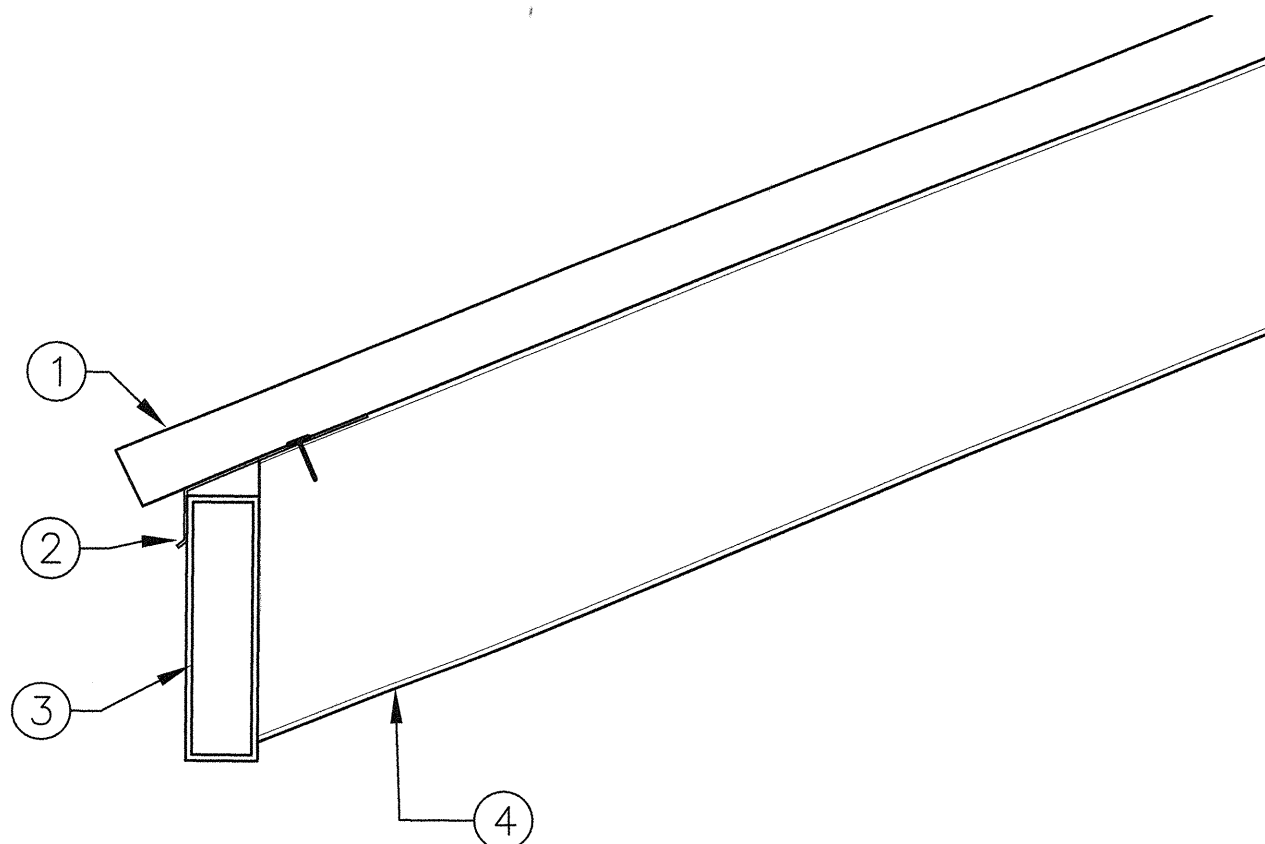
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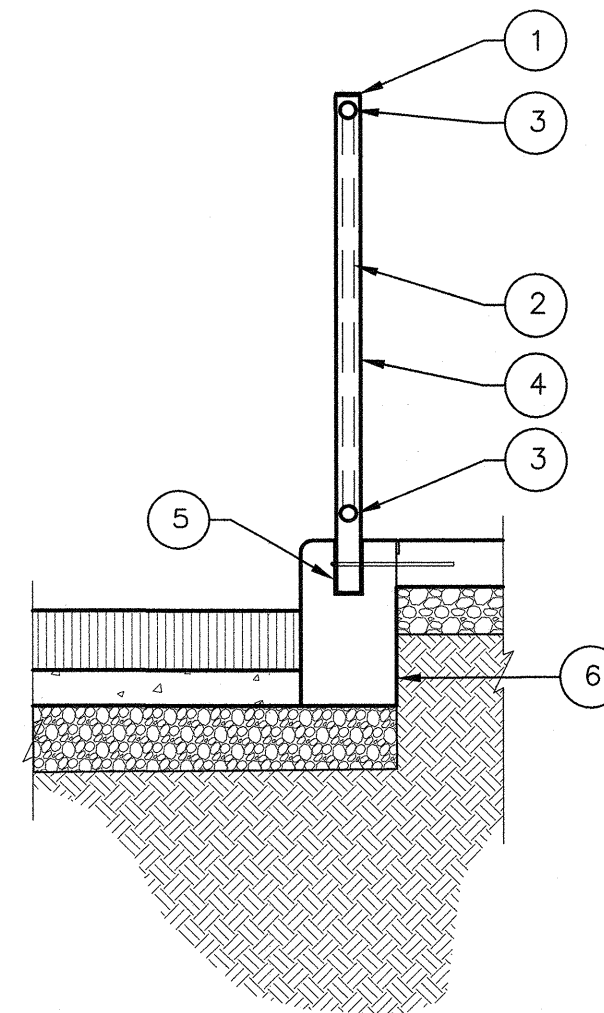
1. METAL ROOF RIDGE FLASHING (SUPPLIED BY MFR.)
2. 24 GA. HR. METAL ROOFING(SUPPLIED BY MFR.)
3. TUBE STEEL RIDGE BEAM
4. TUBE STEEL FASCIA BEAM
5. TUBE STEEL TRUSS BEAM
6. TUBE STEEL POST (MIN. 6"X 6" OR LARGER AS DETERMINED BY MFR.'S ENGINEER)

SEE DETAIL 5 SHEET L4.04 FOR NOTES.



LEGEND:

1. METAL DECKING. (SUPPLIED BY MFR.)
2. METAL FLASHING (SUPPLIED BY MFR.)
3. 2"x6" FASCIA BEAM
4. 3"x6" TRUSS BEAM



LEGEND:

1. WELD METAL CAP ON POST. GRIND CONTINUOUS WELD SMOOTH.
2. 3/4" DIA. ALUMINUM ALLOY GRADE 6061 OR 6063 PIPE PICKETS AT 4" O.C.
3. 2" DIA. ALUMINUM ALLOY GRADE 6061-T6 PIPE TOP AND BOTTOM RAIL.
4. 3" DIA. ALUMINUM ALLOY GRADE 6061-T6 PIPE POST AT 5' MIN. TO 7' MAX. SPACING.
5. CORE DRILL 3" DIA. X 4" DEEP HOLE. SET POST PLUMB USING NON-SHRINK EPOXY GROUT.
6. CURB, SEE DETAIL 3, SHEET L4.06.

NOTE:

1. CONSTRUCT AND PAINT FENCE PER WATER PLAY AREA SAFETY FENCE DETAIL 4, SHEET L4.09.

NOTES:

SEE ALSO DETAIL 3/L4.06 FOR CURB CONDITION.

1 SUN SHELTER

L4.05 SCALE: 3/4" = 1'-0"

2 SUN SHELTER EDGE FLASHING

L4.05 SCALE: 3" = 1'-0"

3 PLAYGROUND ALUMINUM SAFETY FENCE

L4.05 SCALE: 3/4" = 1'-0"

NOTES:

1. SEE SPECIFICATIONS FOR MORE INFORMATION.
2. ***THIS IS A DEFERRED SUBMITTAL***

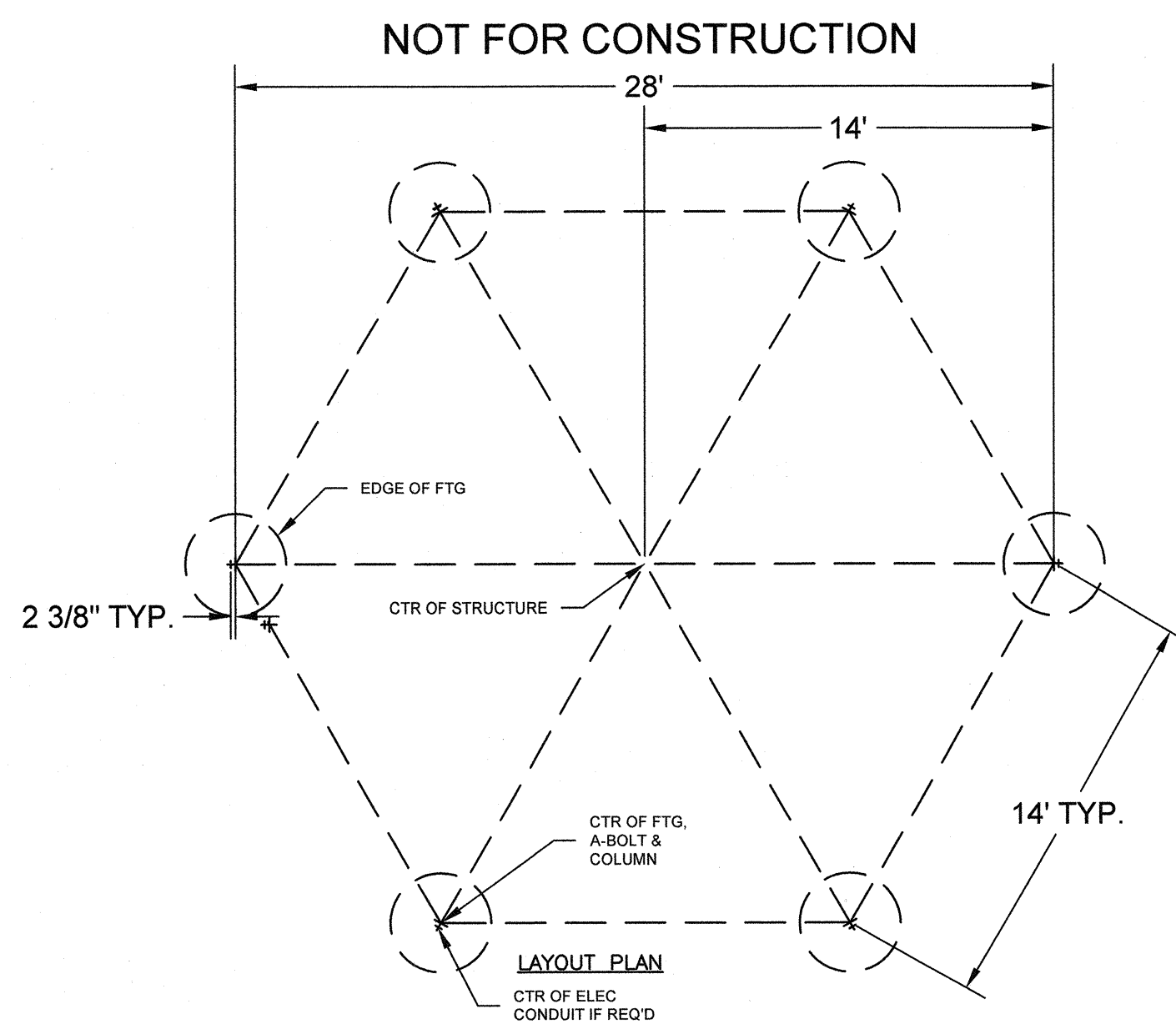
THIS PLAN REPRESENTS THE DESIGN INTENT FOR A 32' DIAMETER PRE-MANUFACTURED PICNIC SHELTER. SHOP DRAWINGS, DETAILED PRODUCT DATA AND CALCULATIONS SHALL BE PREPARED AND STAMPED AND SIGNED BY A NEVADA REGISTERED PROFESSIONAL ENGINEER. THE FIRST SUBMITTAL OF DRAWINGS SHALL BE TO THE OWNER'S REPRESENTATIVE FOR REVIEW. UPON APPROVALS, SUBMIT SHOP DRAWINGS AND CALCULATIONS PACKAGE TO CITY DEVELOPMENT SERVICES TO BEGIN THEIR REVIEW FOR PERMITTING.

3. THIS STRUCTURE SHALL INCLUDE LIGHT FIXTURES PER FIXTURES SPECIFIED ON THE ELECTRICAL PLANS FOR MOUNTING BY THE CONTRACTOR. MANUFACTURER SHALL COORDINATE WITH LIGHT FIXTURE MANUFACTURER TO FABRICATE A CUSTOM MOUNTING BRACKET ASSEMBLY (AS NEEDED) TO SUPPORT LIGHT FIXTURE MOUNTED TO THE STRUCTURE POSTS. SUBMIT SHOP DRAWING DETAILING THE BRACKET AND MOUNTING ASSEMBLY FOR REVIEW. THE STRUCTURE SHALL BE A COMPLETE AND INSTALLED SYSTEM INCLUDING LIGHTING, ALL HARDWARE AND APPURTENANCES AND SHALL INCLUDE ALL COSTS FOR ENGINEERING BY THE MANUFACTURER TO PREPARE SHOP DRAWING, CALCULATIONS, AND PROCESSING COSTS TO SECURE PERMITS BY THE CITY.

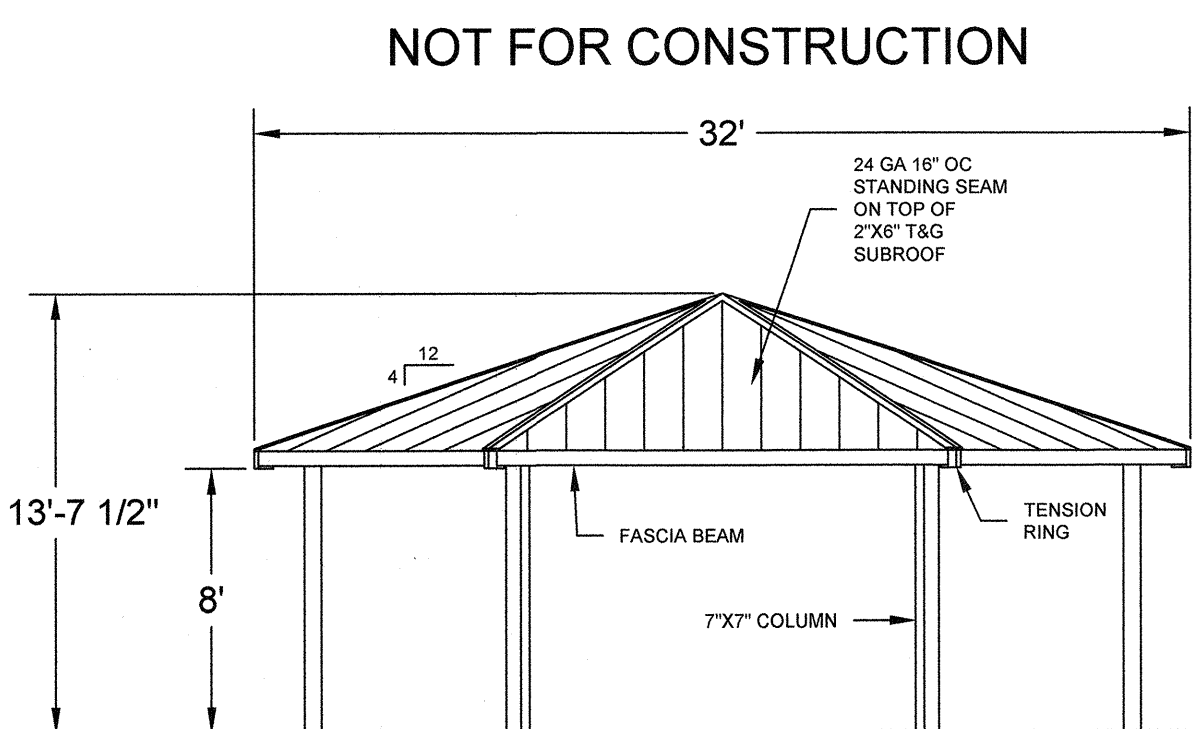
4. LIGHT FIXTURE SHALL BE SUBMITTED TO THE OWNER'S REPRESENTATIVE FOR APPROVAL. FIXTURE TO BE VANDAL PROOF AND PAINTED TO MATCH SHELTER COLOR. LIGHT FIXTURE LOCATIONS WHERE SHOWN ON SITE ELECTRICAL PLAN IS DIAGRAMMATIC ONLY.

5. REVIEW GRADING PLAN. CONTRACTOR AND MANUFACTURER TO DETERMINE ANTICIPATED FINISH GRADES TO BE BUILT RELATIVE TO SHELTER POST LOCATIONS.

6. FOOTINGS SHOWN ON THIS PLAN ARE DIAGRAMMATIC ONLY AND ARE INTENDED TO ASSIST WITH BIDDING. FOOTING DESIGN SHALL BE DETERMINED BY THE SHELTER MANUFACTURER. ALL COSTS ASSOCIATED WITH FINAL FOOTING DESIGN AS DETERMINED BY THE MANUFACTURER SHALL BE INCLUDED AT NO ADDITIONAL COST TO THE CITY. REFER TO GEOTECHNICAL DATA REPORT. IN ADDITION TO A STRUCTURAL ENGINEER, CONTRACTOR OR MANUFACTURER SHALL OBTAIN THE SERVICES OF A GEOTECHNICAL ENGINEER TO INTERPRET DATA IN REPORT TO DETERMINE FOOTING SIZES. THIS NOTE SHALL APPLY TO ALL DEFERRED SUBMITTALS SPECIFIED ON THE PROJECT.

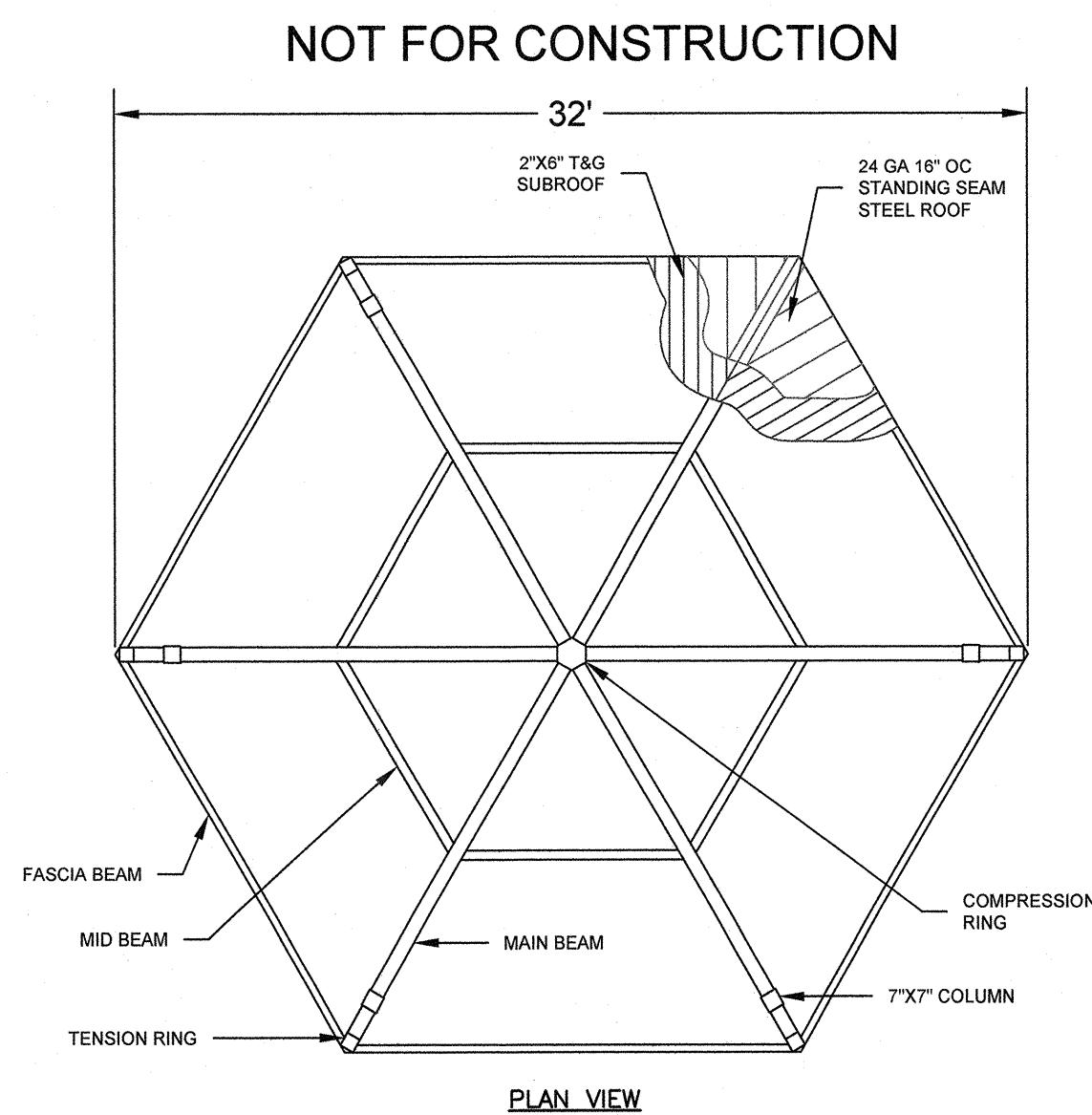


+/- 13'-7 1/2"

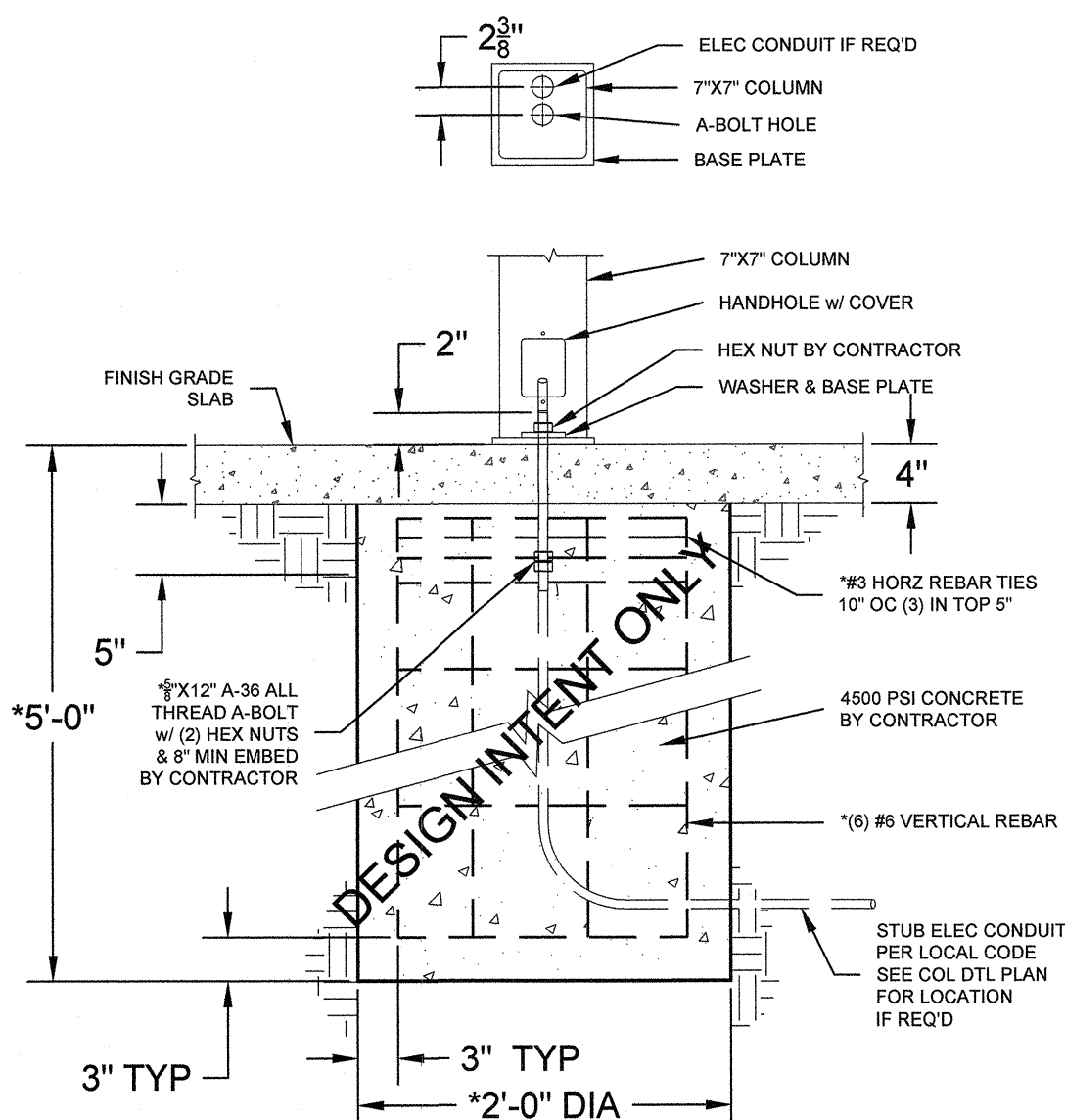


ELEVATION

- COLORS:
1. METAL ROOF DECKING AND TRIM: RED (TOP) TO MATCH RESTROOM ROOF.
 2. METAL POSTS, FACIA, TRUSS AND RIDGE BEAMS, TENSION RINGS - MATCH RESTROOM EXTERIOR WALL COLOR
 3. T&G SUBROOF. MATCH POST COLOR.

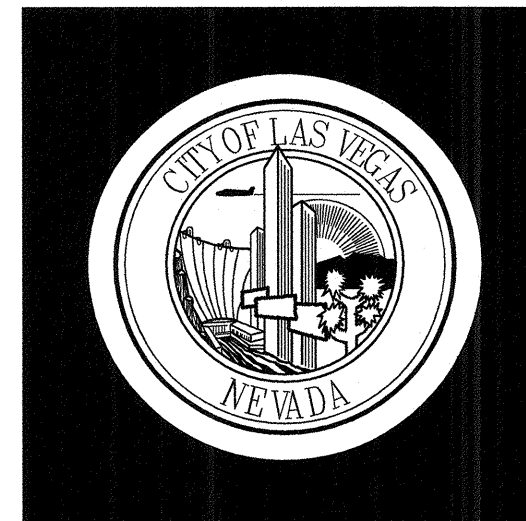


PLAN VIEW



4 32' HEXAGON PREMANUFACTURED GROUP PICNIC SHELTER

L4.05 SCALE: NTS



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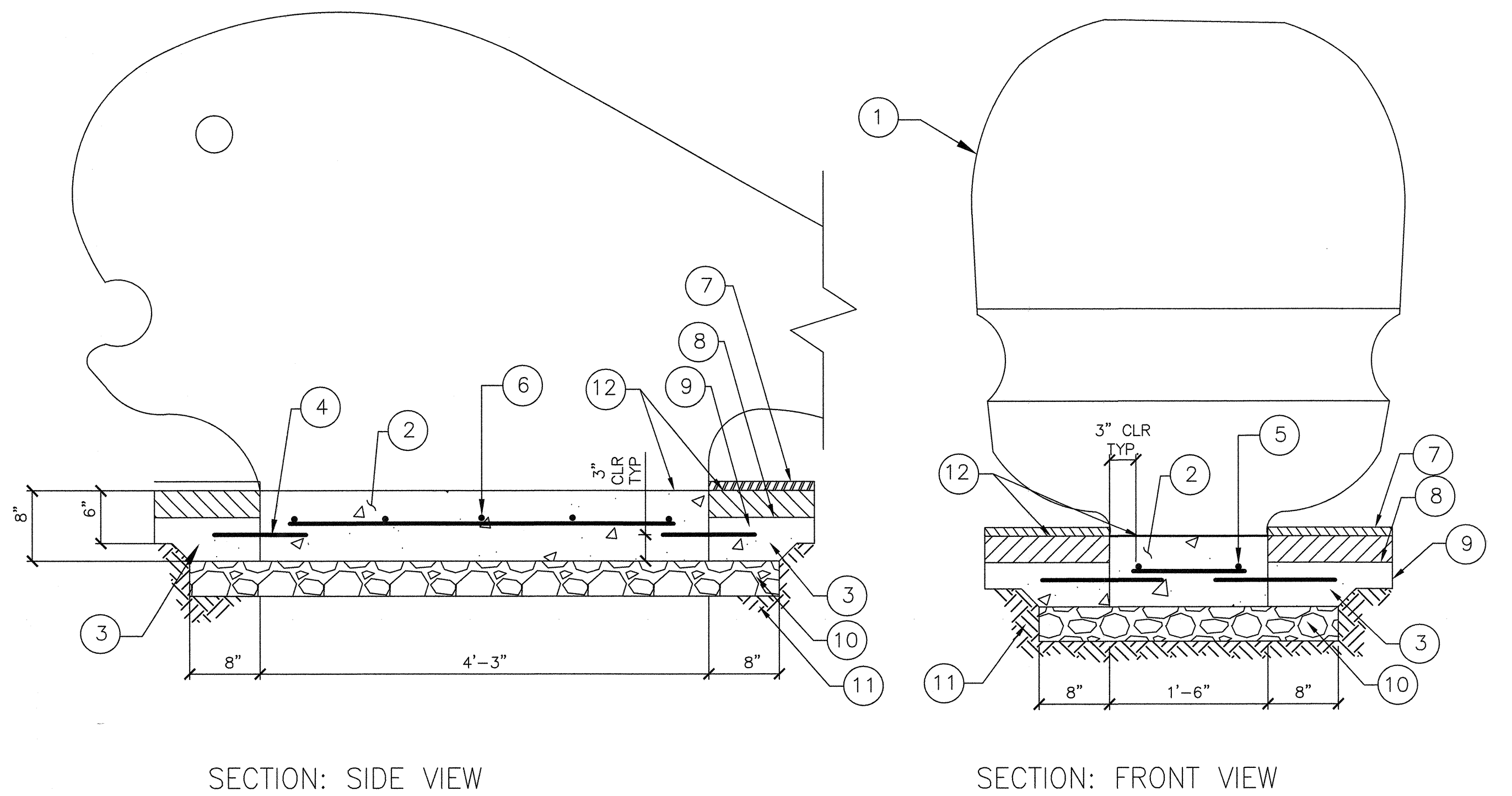
OWNER: CITY OF LAS VEGAS
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ARCHITECTURAL SERVICES

DEVELOPMENT SERVICES CENTER
333 N. RANCHO DRIVE
LAS VEGAS, NEVADA 89106
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FAX: (702) 384-4846

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DRAWN	LR	FILE	180101443	DATE	9-7-17	SCALE	SEE PLAN
BID NO							
CLV DWG NO							
SHT NO							

L4.05



LEGEND:

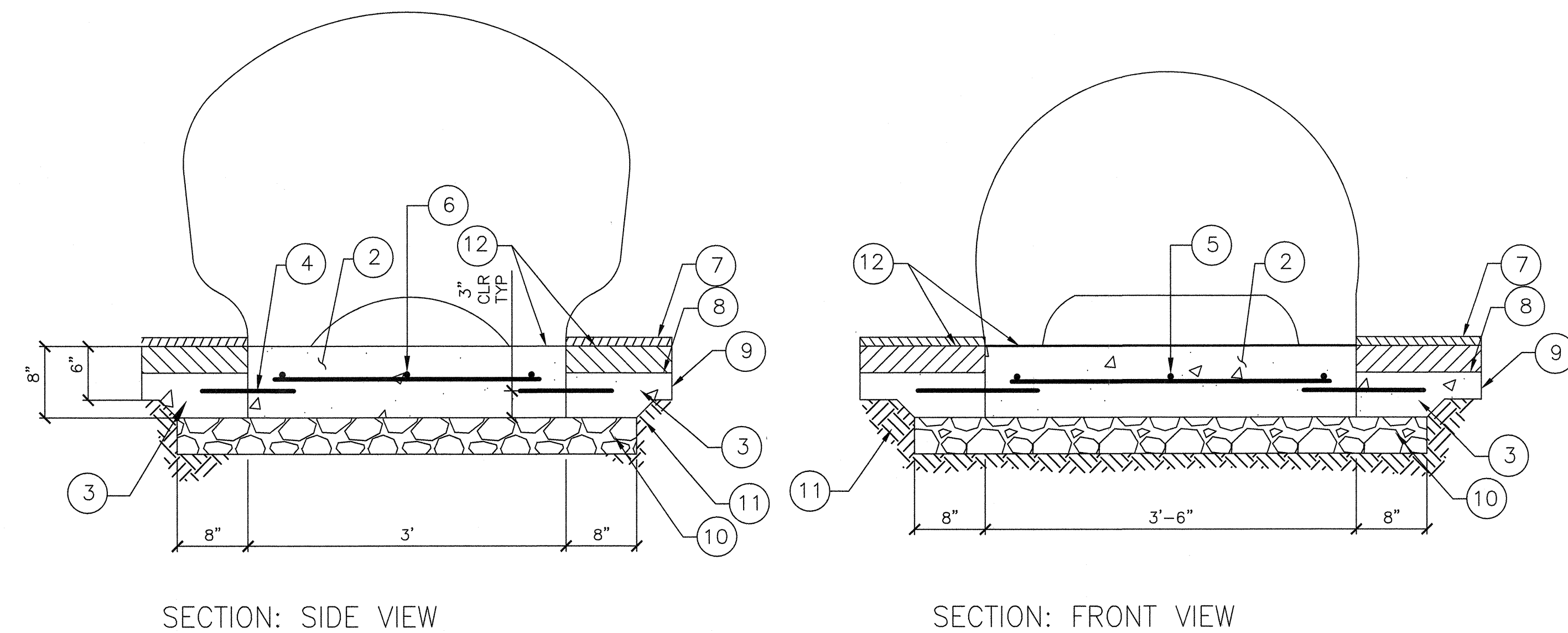
- ① EXISTING CONCRETE WATER FEATURE (WHALE) TO BE SALVAGED AND INSTALLED IN EXISTING PLAYGROUND
- ② NEW CONCRETE PAD
- ③ SLURRY COURSE THICKENED EDGE
- ④ 1/2"Øx12" REBAR @ 12" O.C.
- ⑤ (2) #4 HORIZ.
- ⑥ (5) #4 HORIZ.
- ⑦ 1/2" EDPM LAYER - COVER UP TO WHALE
- ⑧ 3" CUSHION LAYER
- ⑨ 2" SLURRY COURSE
- ⑩ 4" TYPE II AGGREGATE COMPACT 90% MIN.
- ⑪ COMPACT SUBGRADE 90% MIN.
- ⑫ TOP OF FOOTING SHALL ALIGN WITH TOP OF CUSHION LAYER

NOTE:

CONTRACTOR SHALL CLEAN CONCRETE SURFACE TO REMOVE STAINS USING AN APPROVED CONCRETE CLEANER THAT WILL NOT DAMAGE THE SURFACE. REPAIR DAMAGED CONCRETE SURFACES AND EXPOSED REBAR AREAS WITH POLYMER MODIFIED STRUCTURAL REPAIR. USE QUIKCRETE #1241 FAST SET REPAIR MORTAR AVAILABLE IN 20LB TUBS. OR APPROVED EQUAL—WWW.QUIKCRETE.COM. SCULPT MATERIAL TO A SMOOTH FINISH TO BLEND WITH ADJACENT SURFACES. FINISH BY POLISHING AND COLOR STAIN USING A "SOYCRETE" CONCRETE STAIN (877)366-7547 OR APR. EQUAL. PERFORM A TEST IN HIDDEN AREA FOR APPROVAL OF COLOR. SUBMIT AVAILABLE COLORS FROM MFR. FOR REVIEW.

1 EXISTING WHALE FEATURE

L4.06 SCALE: 1" = 1'-0"



LEGEND:

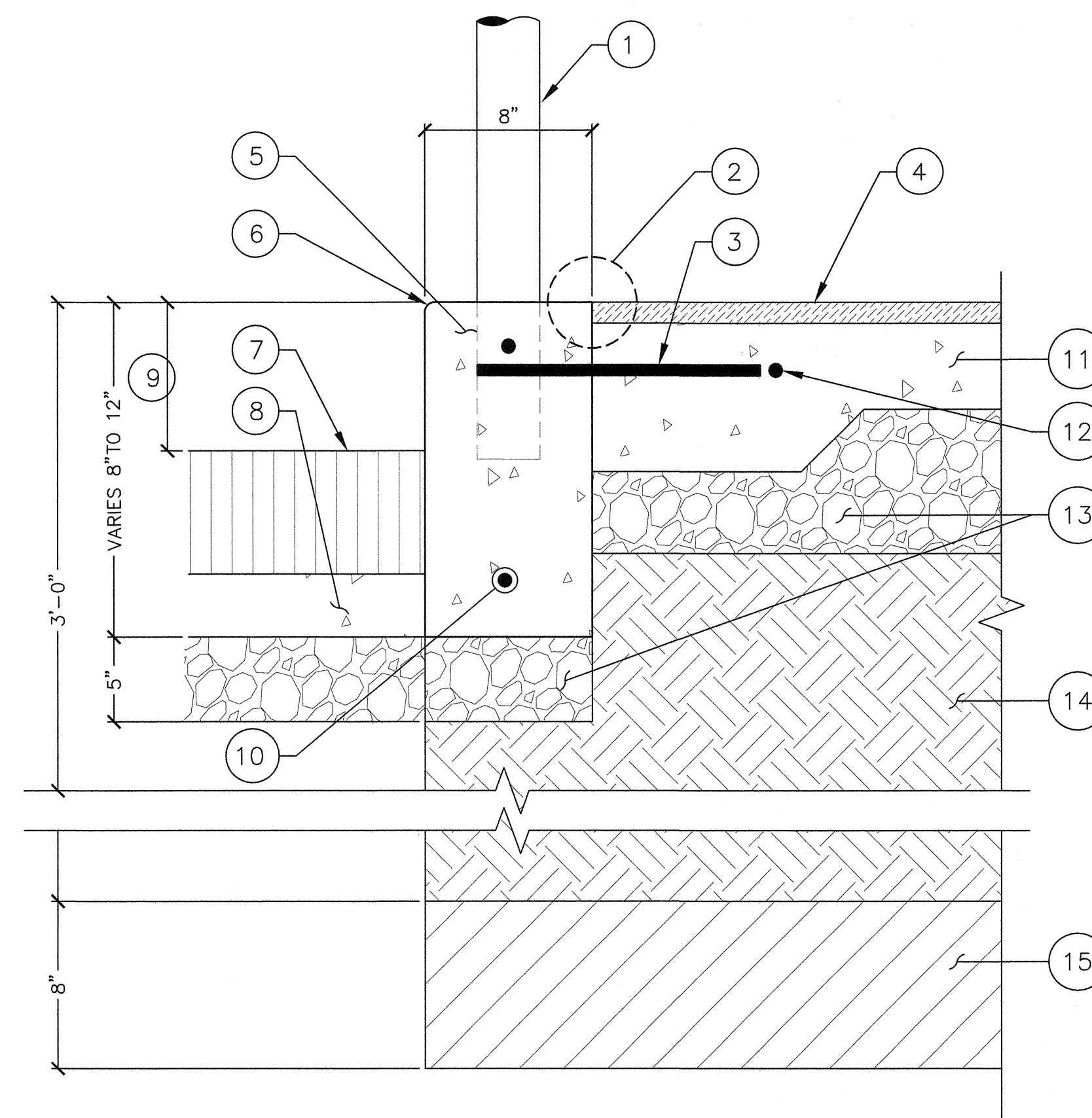
- ① EXISTING CONCRETE WATER FEATURE (TURTLE) TO BE SALVAGED AND INSTALLED IN EXISTING PLAYGROUND
- ② NEW CONCRETE PAD
- ③ SLURRY COURSE THICKENED EDGE
- ④ 1/2"Øx12" REBAR @ 12" O.C.
- ⑤ (3) #4 HORIZ.
- ⑥ (5) #4 HORIZ.
- ⑦ 1/2" EDPM LAYER - COVER UP TO TURTLE
- ⑧ 3" CUSHION LAYER
- ⑨ 2" SLURRY COURSE
- ⑩ 4" TYPE II AGGREGATE COMPACT 90% MIN.
- ⑪ COMPACT SUBGRADE 90% MIN.
- ⑫ TOP OF FOOTING SHALL ALIGN WITH TOP OF CUSHION LAYER

NOTE:

CONTRACTOR SHALL CLEAN CONCRETE SURFACE TO REMOVE STAINS USING AN APPROVED CONCRETE CLEANER THAT WILL NOT DAMAGE THE SURFACE. FINISH BY POLISHING SURFACE.

2 EXISTING TURTLE FEATURE

L4.06 SCALE: 1" = 1'-0"



LEGEND

1. ALUMINUM FENCE - SEE DETAIL 3/L4.05
2. JOGGING TRACK EDGE CONDITION 'B' - SEE DETAIL 8/L4.01
3. 1/2"x14" STEEL DOWEL (GREASED)
4. JOGGING TRACK SURFACING
5. CONCRETE CURB (4,500 PSI)
6. 1/2" RADIUS
7. PLAYGROUND SURFACING
8. 2" SLURRY COURSE
9. VARIES 6" - SEE CIVIL GRADING PLAN
10. (2) #4 CONT. EXCEPT AT EXPANSION JOINTS—PROVIDE SLIP DOWELS
11. 4" CONCRETE PAVEMENT
12. #4 CONT. EXCEPT AT EXPANSION JOINTS
13. TYPE II AGG. BASE - COMPACT 90% MIN.
14. OVER EXCAVATE AND INSTALL STRUCTURAL FILL - SEE EARTHWORK SPEC.
15. SCARIFY AND RECOMPACT SUBGRADE

3 8" CURB AT EXISTING PLAYGROUND/ JOGGING TRACK

L4.06 SCALE: 1" = 1'-0"



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DIB NO: 17.54875.JH
CLV DWG NO: 650.27-7

SHT NO: L4.06

STAMP

EXPIRES: 6-30-18

STATE OF NEVADA

9-7-17

405

LANDSCAPE ARCHITECT

REGISTERED

EXPIRES: 6-30-18

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LANDSCAPE ARCHITECT

REGISTERED

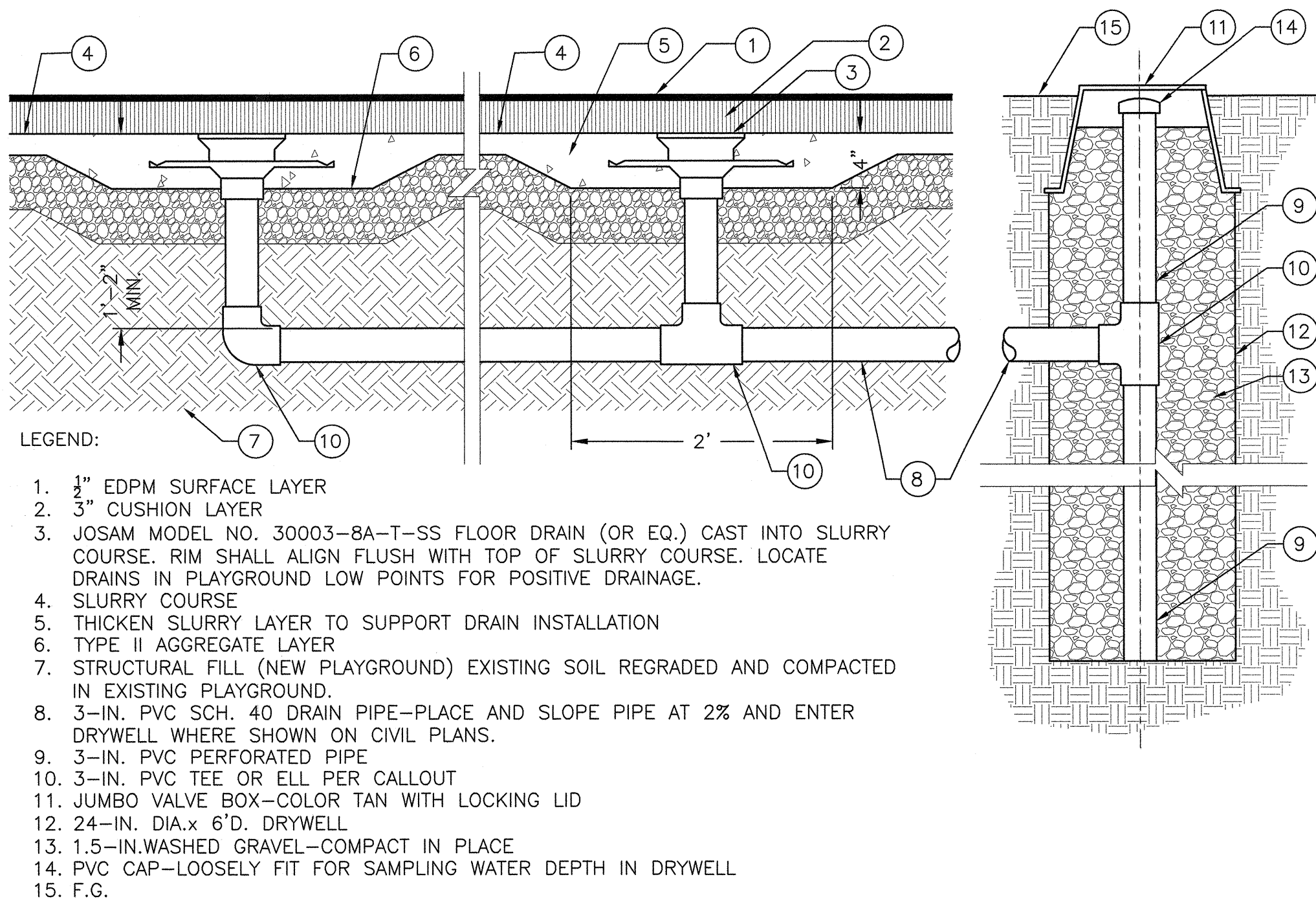
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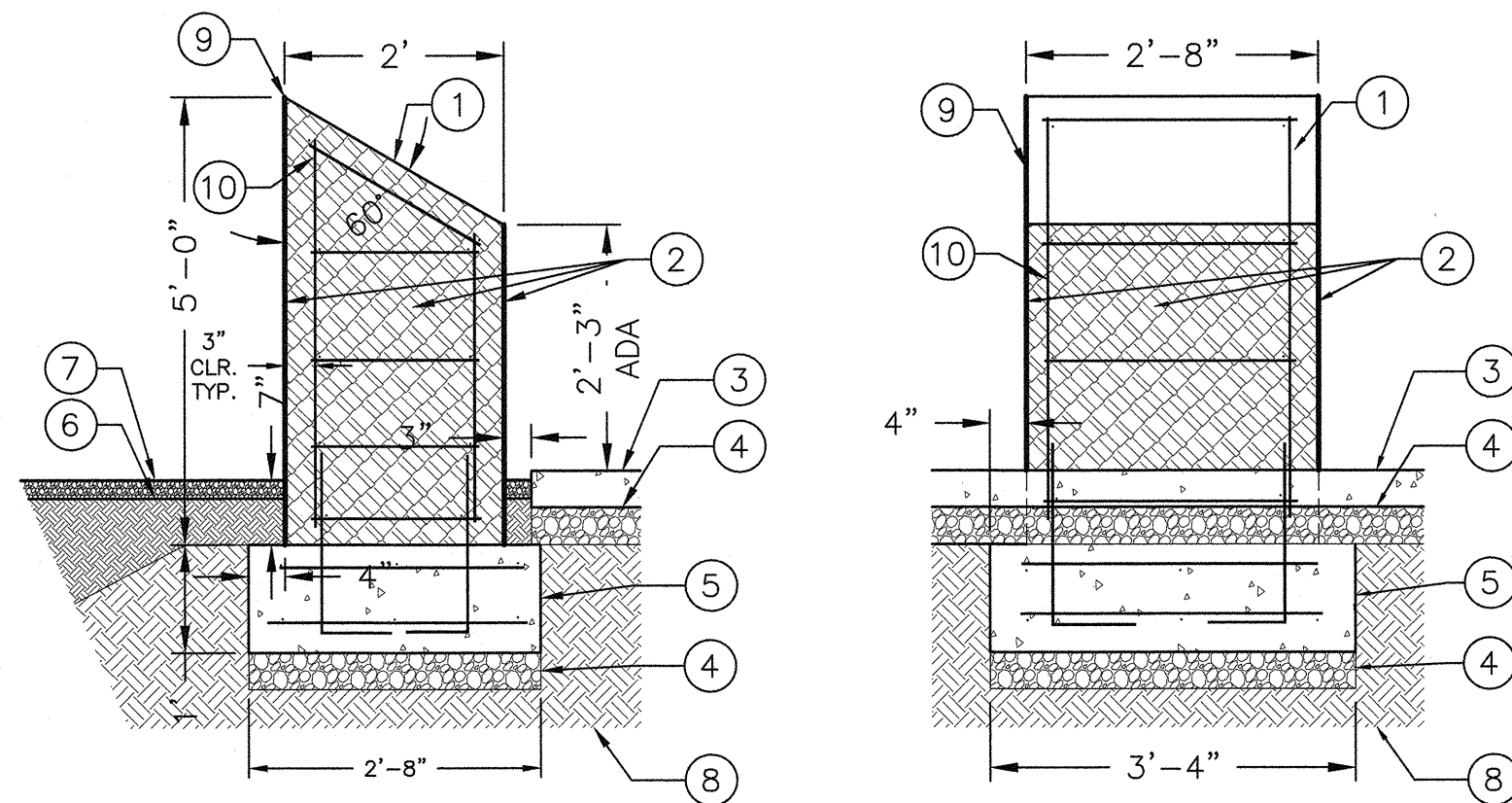
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LANDSCAPE ARCHITECT



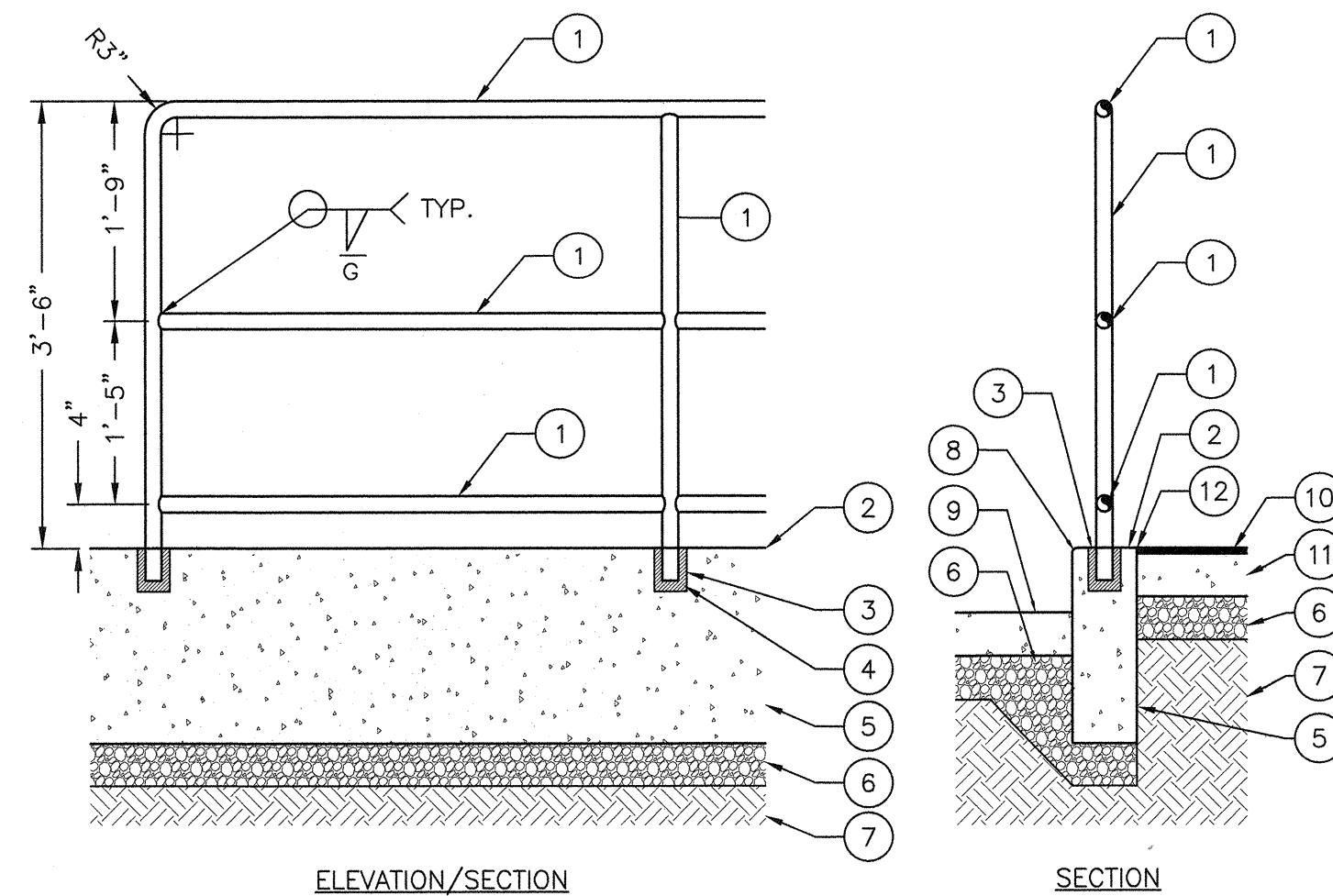
1 PLAYGROUND AREA DRAINAGE DETAIL

L4.07 SCALE: NONE



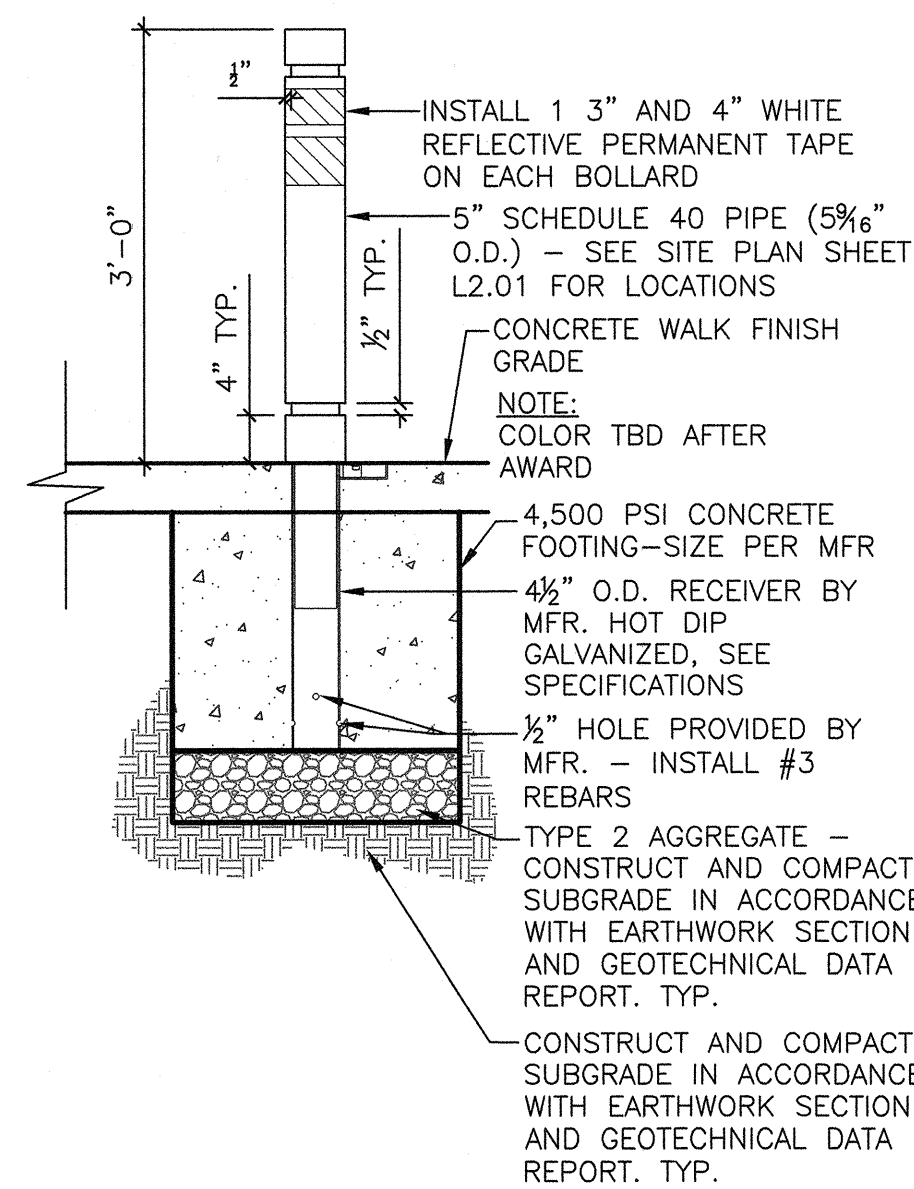
3 PEDESTAL MONUMENT

L4.07 SCALE: NONE



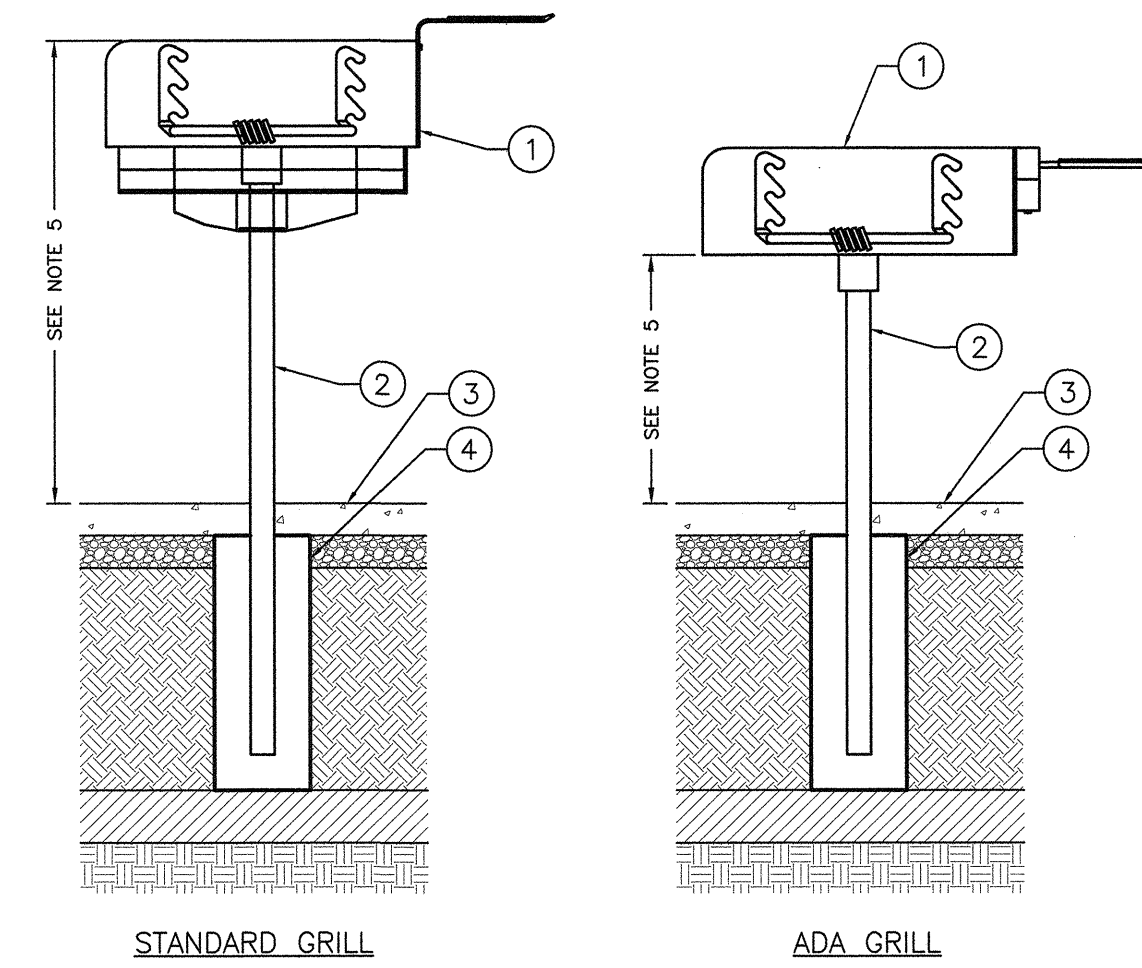
2 PEDESTRIAN RAILING AT ADA PARKING

L4.07 SCALE: NONE



4 REMOVABLE BOLLARD

L4.07 SCALE: 3/4"=1'



5 BARBECUE GRILL

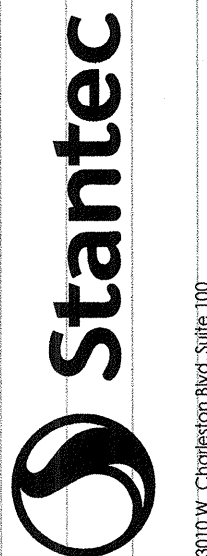
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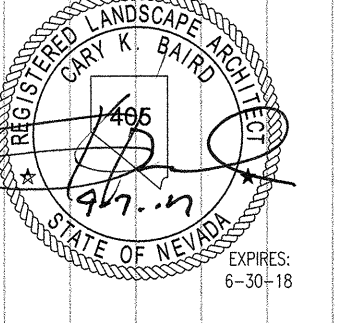
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