

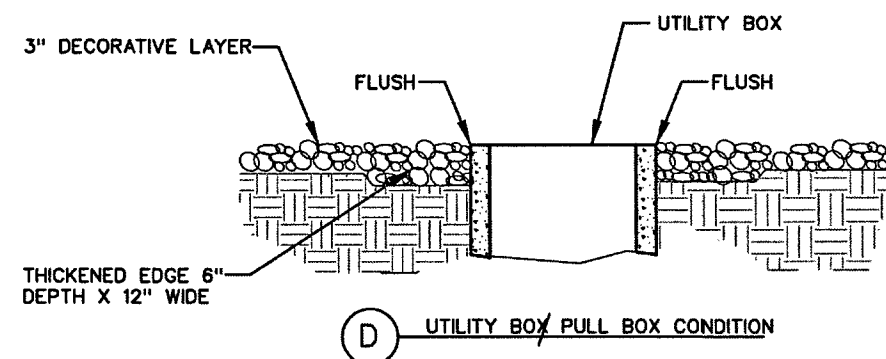
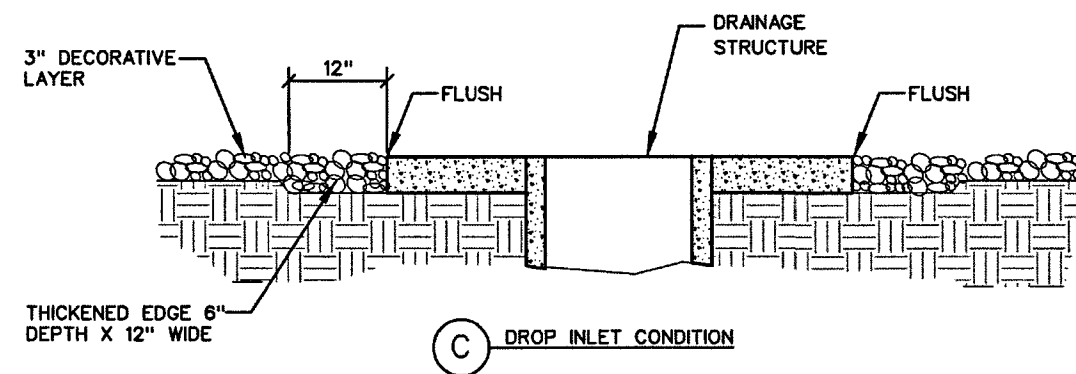
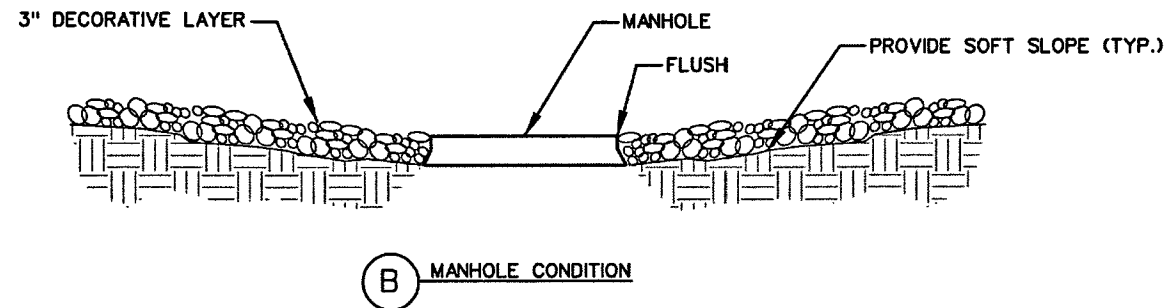
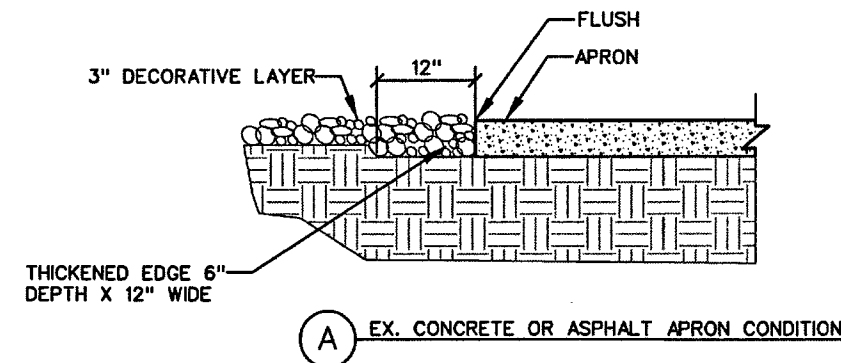
STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

Contract 3409
Volume 2 of 3

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107V5074-2

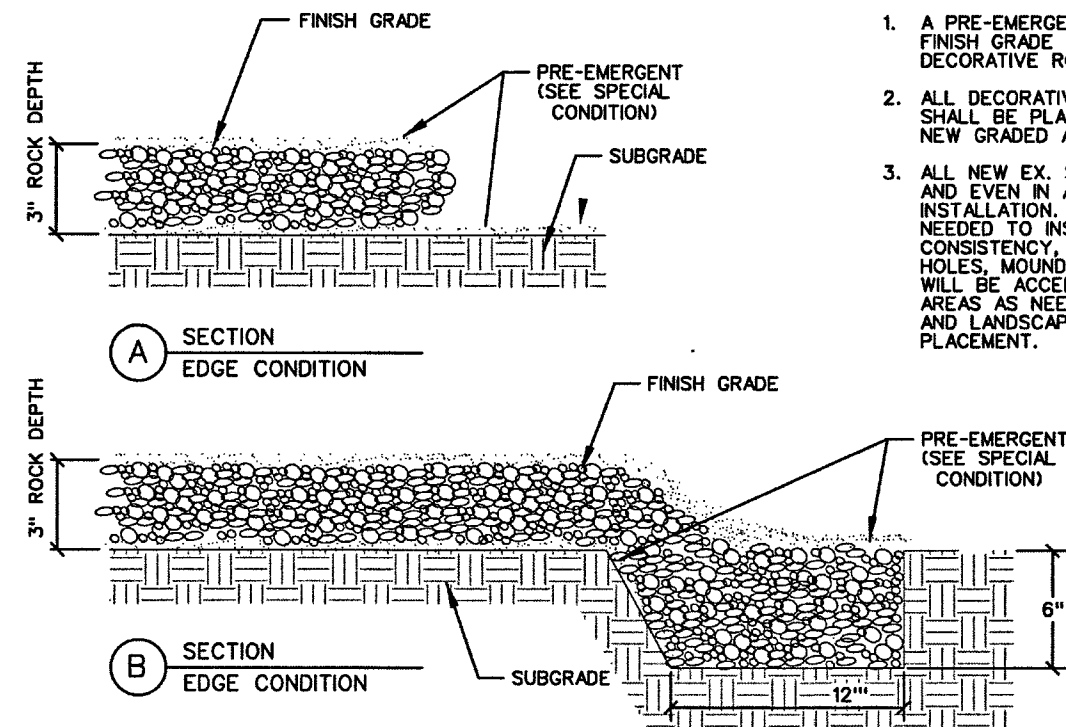
STATE	PROJECT NO.	COUNTY	SHEET NO.
NEVADA	NH-095-2(051)	CLARK	L500



NOTE: CONTRACTOR SHALL ADJUST EXISTING GRADES AROUND EXISTING MANHOLES, DRAINAGE STRUCTURES, DRAINAGE INLET APRONS & UTILITY BOXES SO THAT FINISH GRADE OF DECORATIVE ROCKS ARE FLUSH WITH STRUCTURES.

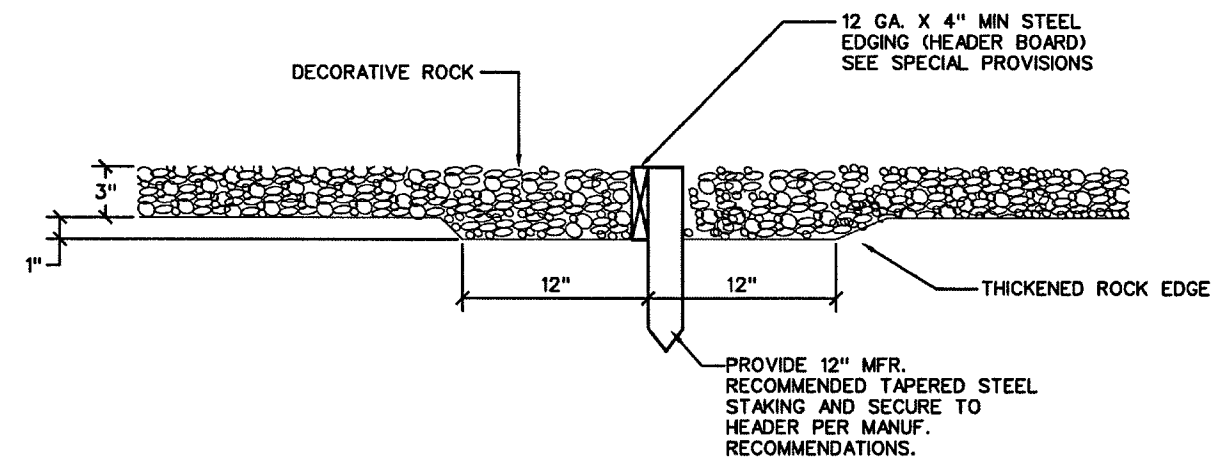
2 DECORATIVE ROCK PLACEMENTS

NTS



1 DECORATIVE ROCK TYPE "A", "B" & "C"

NTS

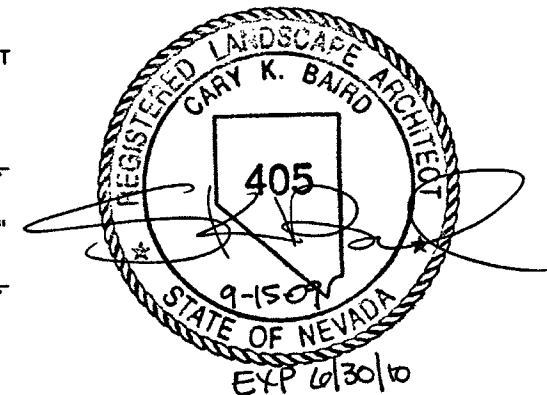


3 HEADER BOARD

NTS

SPECIAL PROVISIONS:

1. A PRE-EMERGENT SHALL BE APPLIED TO FINISH GRADE BEFORE INSTALLATION OF DECORATIVE ROCK.
2. ALL DECORATIVE ROCK TYPE "A", "B" & "C" SHALL BE PLACED ON EXISTING GRADES OR NEW GRADED AREAS ON PLANS.
3. ALL NEW EX. SUBGRADES SHALL BE UNIFORM AND EVEN IN APPEARANCE PRIOR TO ROCK INSTALLATION. REWORK GRADES AND ROLL AS NEEDED TO INSURE UNIFORMITY WITH EVEN CONSISTENCY, NO RUTTING, DEPRESSIONS, HOLES, MOUNDS, ERODED AREAS, RILLS, ETC. WILL BE ACCEPTED. REWORK AND REPAIR AREAS AS NEEDED TO SATISFACTION OF R.E. AND LANDSCAPE ARCHITECT PRIOR TO ROCK PLACEMENT.



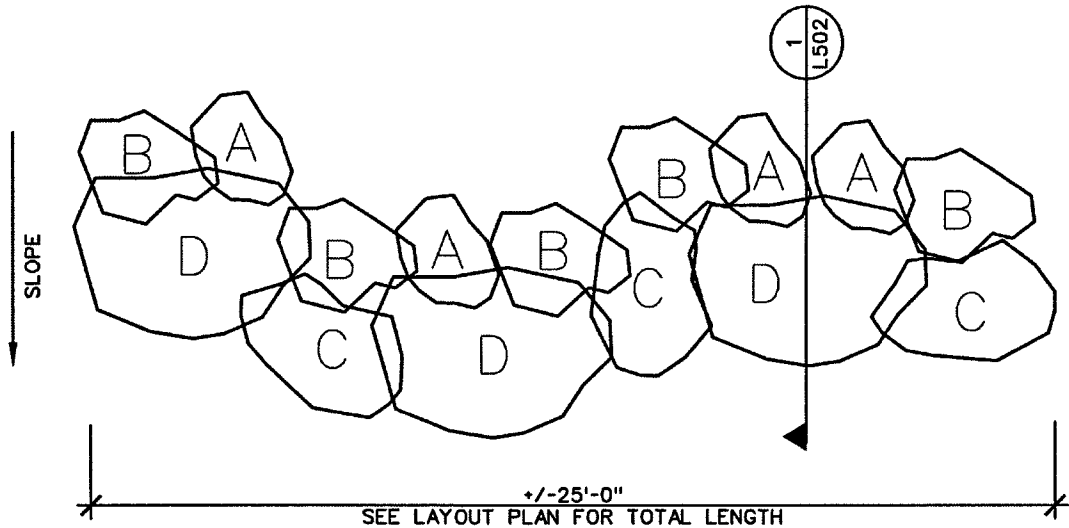
STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION
US-95 NORTHWEST

LANDSCAPE IMPROVEMENTS
SITE DETAILS



7450 ARROYO CROSSING
PARKWAY SUITE 100
LAS VEGAS, NEVADA 89117
PHONE (702) 258-0116
FAX (702) 258-4066

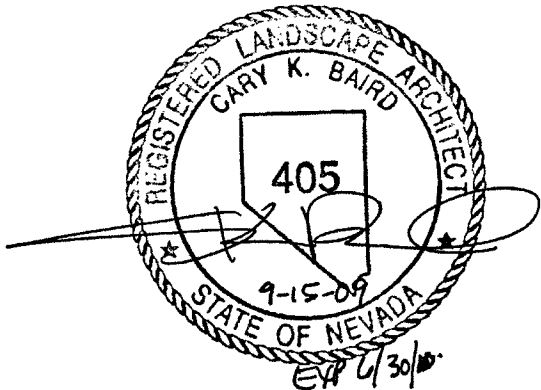
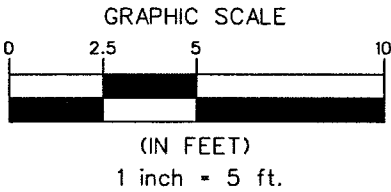
NOTE: BOULDER CLUSTERS ARE SHOWN IN 25' INCREMENTS. CLUSTER INCREMENTS SHALL BE REPEATED AS SHOWN ON PLANS. SEE LAYOUT PLANS FOR TOTAL LENGTH OF BOULDER CLUSTERS.



1 BOULDER CLUSTER LAYOUT
 CONDITION 1 - EASTSIDE
 SCALE: 1" = 5'

- NOTES:
- SEE SPECIAL PROVISIONS FOR BOULDER TYPES & COLOR
 - PLACEMENT SHOWN IS DIAGRAMATIC – SEE DETAIL 1, SHEET L-501

BOULDER PLAN LEGEND (SIZES)					
SYMBOL	DESCRIPTION	SIZE	SYMBOL	DESCRIPTION	SIZE
	"A" BOULDER	(2' x 3' x 3')		"C" BOULDER	(4' x 4' x 5')
	"B" BOULDER	(3' x 3' x 4')		"D" BOULDER	(5' x 5' x 6')

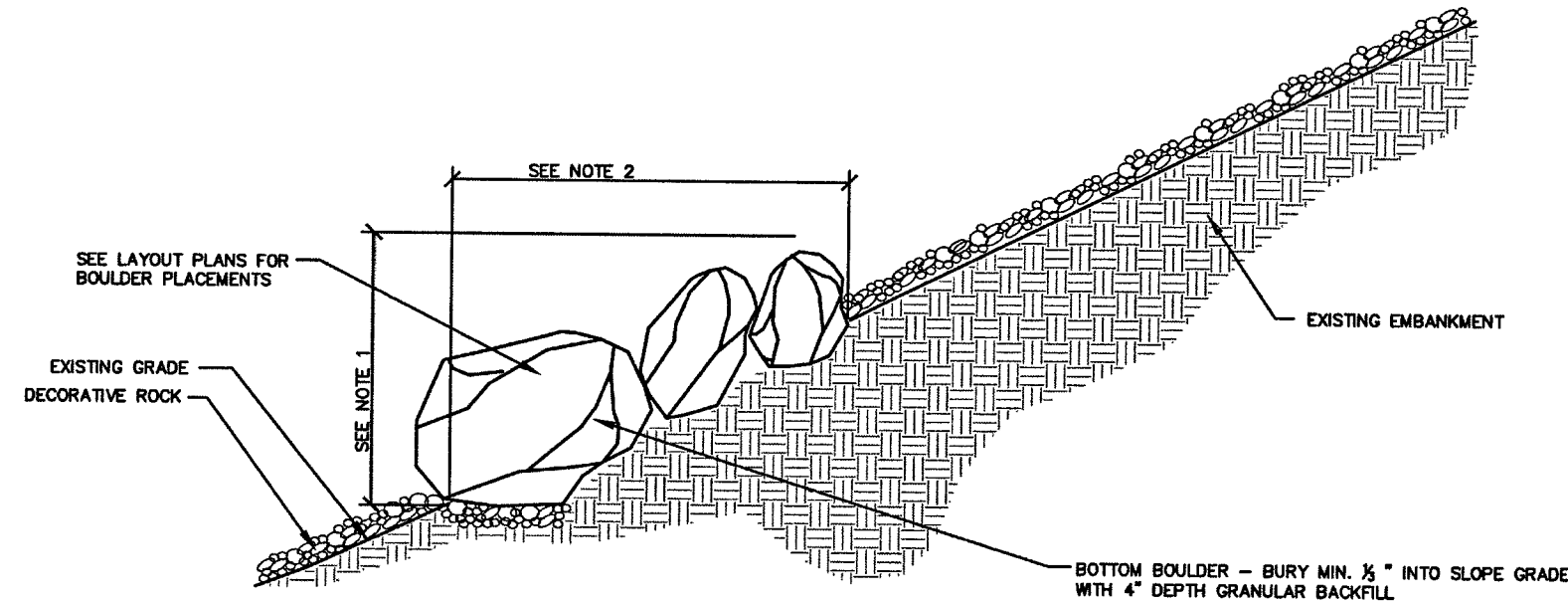


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 PHONE (702) 250-0116
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 DEPARTMENT OF TRANSPORTATION
 US-95 NORTHWEST

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 SITE DETAILS

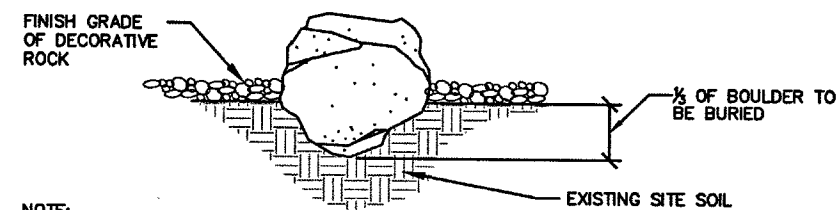
STATE	PROJECT NO.	COUNTY	SHEET NO.
NEVADA	NH-095-2(051)	CLARK	L502



NOTES:

1. HEIGHT VARIES BETWEEN 4'-6' DEPENDING ON BOULDER LAYOUT AND NUMBER OF BOULDERS. SEE SHEETS L200 THRU L241 FOR BOULDER LAYOUTS. BOULDERS TO BE STACKED AS SHOWN. THIS IS A SCHEMATIC SECTION SHOWN TO CLARIFY THE RELATIONSHIP WITH THE EXISTING EMBANKMENTS.
2. FIELD LAYOUT OF BOULDERS MAY VARY. FOR BOULDER LAYOUT SEE SHEET L501. LANDSCAPE ARCHITECT TO BE PRESENT FOR BOULDER INSTALLATION. LANDSCAPE ARCHITECT MAY MAKE ADJUSTMENTS OF BOULDER PLACEMENTS IN THE FIELD TO ACHIEVE AESTHETIC DESIGN INTENT.
3. PLACE AND APPLY A COMPACTED EFFORT TO GRANULAR BACKFILL @ 4" DEPTH. (ONLY THE BOTTOM BOULDER OF STACKED BOULDERS NEED THE GRANULAR BACKFILL)

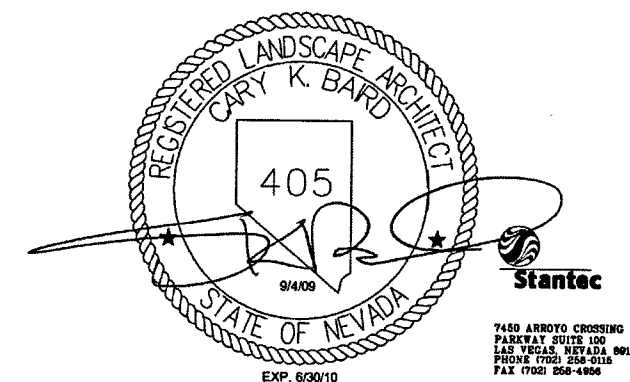
1 DECORATIVE BOULDERS / DECORATIVE ROCK GRADING AND PLACEMENT
NTS



- NOTE:
1. BOULDERS TO BE CLEAN AND UNMARKED.
 2. ONLY ONE BOULDER SHOWN FOR CLARITY MORE MAY BE REQUIRED.

DECORATIVE BOULDER PLACEMENT NOT AT EMBANKMENT AREA NTS

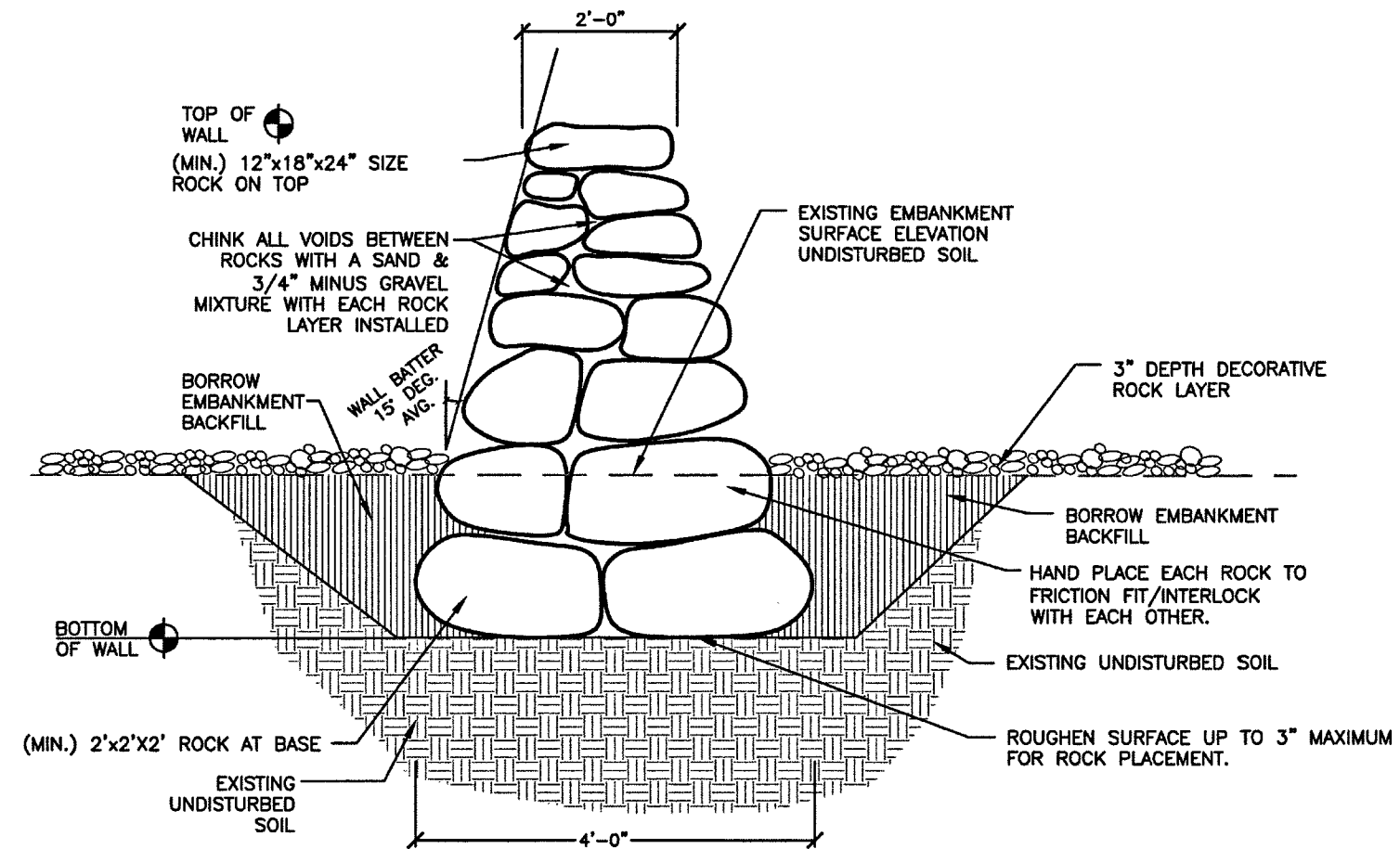
2 DECORATIVE BOULDER PLACEMENT ON LEVEL AREAS
NTS



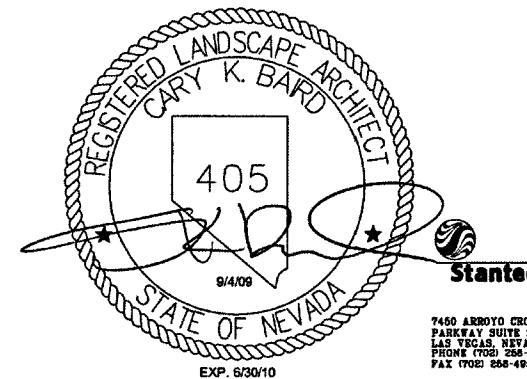
STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION
US-95 NORTHWEST

LANDSCAPE IMPROVEMENTS
SITE DETAILS

STATE	PROJECT NO.	COUNTY	SHEET NO.
NEVADA	NH-095-2(051)	CLARK	L504



1 ROCK WALL ON LEVEL GRADE - SECTION
NTS

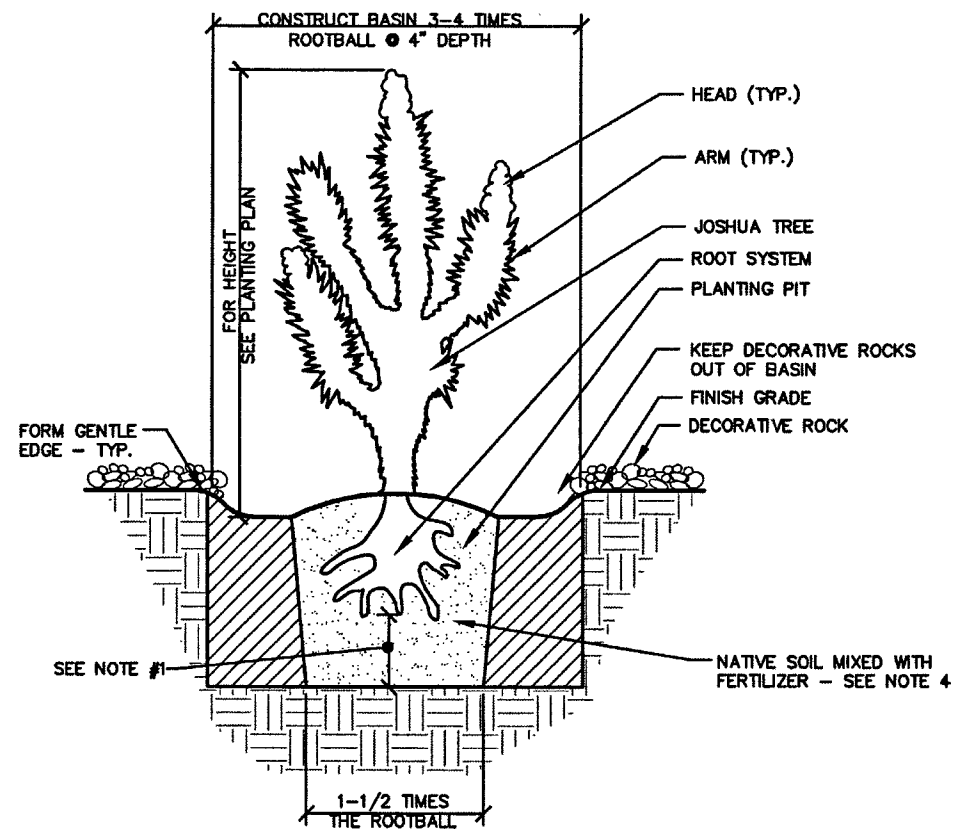


STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION
US-95 NORTHWEST

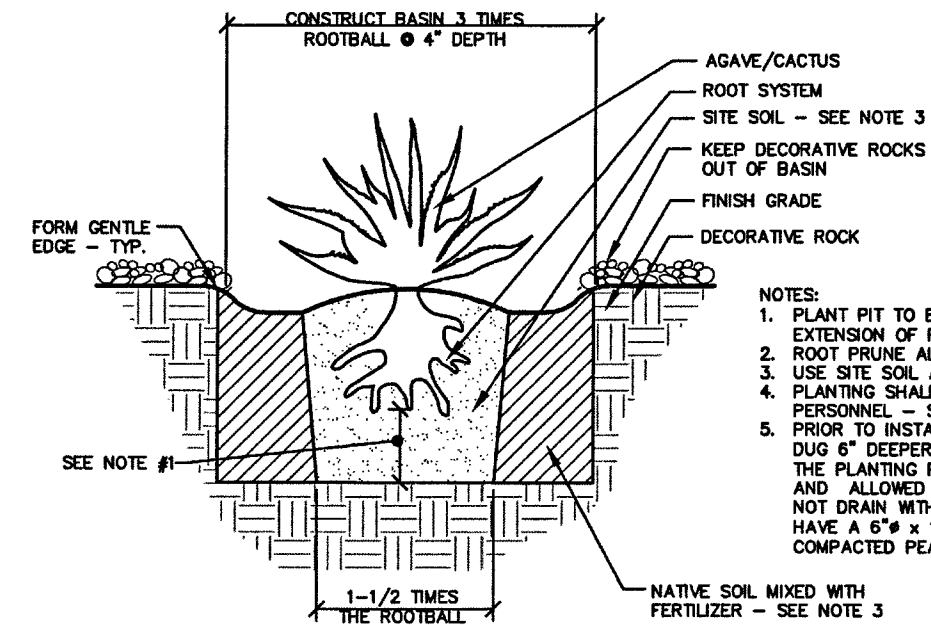
LANDSCAPE IMPROVEMENTS
SITE DETAILS

7450 ARROYO CROSSING
PARWAY SUITE 100
LAS VEGAS, NEVADA 89117
PHONE (702) 258-0110
FAX (702) 258-4908

STATE	PROJECT NO.	COUNTY	SHEET NO.
NEVADA	NH-095-2(051)	CLARK	L505



- NOTES:
1. PRIOR TO INSTALLATION PLANTING PIT SHOULD BE DUG 6" DEEPER THAN THE EXTENSION OF THE ROOT. THE PLANTING PIT SHOULD BE FILLED WITH WATER AND ALLOWED TO DRAIN. IF THE PLANTING PIT DOES NOT DRAIN WITHIN 8 HOURS THEN THE PIT SHOULD HAVE A 6" x 12" DEEP CHIMNEY HOLE DUG WITH COMPACTED PEA GRAVEL TO IMPROVE DRAINAGE.
 2. ROOT PRUNE ALL DAMAGED ROOTS.
 3. INSPECTION OF ROOT SYSTEM BY LANDSCAPE ARCHITECT REQUIRED PRIOR TO INSTALLATION.
 4. USE SITE SOIL AMENDED PER SPECIAL PROVISIONS.
 5. DUST ROOTS AT SITE W/ DUSTING SULFUR (1.5# MIN.)
 6. PLANTS SHOULD BE GUYED USING (3) STAKES, WIRE AND HOSE TIES ONLY IF THE PLANT DOES NOT STAND UP ON ITS OWN.
 7. PLANTING SHALL BE PERFORMED BY QUALIFIED PERSONNEL - SEE SPECIAL PROVISIONS.



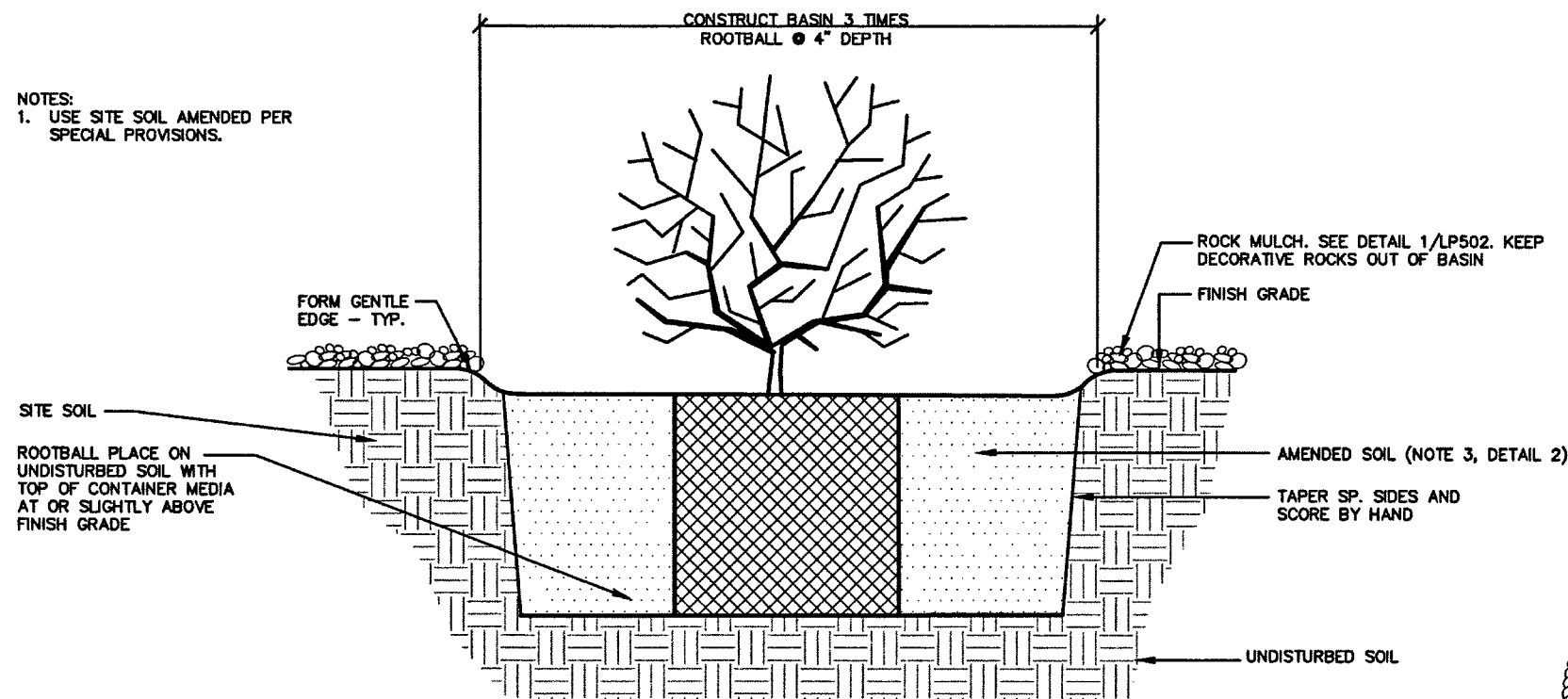
- NOTES:
1. PLANT PIT TO BE 6" DEEPER THAN THE FREE EXTENSION OF ROOTS.
 2. ROOT PRUNE ALL DAMAGED ROOTS.
 3. USE SITE SOIL AMENDED PER SPECIAL PROVISIONS.
 4. PLANTING SHALL BE PERFORMED BY QUALIFIED PERSONNEL - SEE SPECIAL PROVISIONS.
 5. PRIOR TO INSTALLATION PLANTING PIT SHOULD BE DUG 6" DEEPER THAN THE EXTENSION OF THE ROOT. THE PLANTING PIT SHOULD BE FILLED WITH WATER AND ALLOWED TO DRAIN. IF THE PLANTING PIT DOES NOT DRAIN WITHIN 8 HOURS THEN THE PIT SHOULD HAVE A 6" x 12" DEEP CHIMNEY HOLE DUG WITH COMPACTED PEA GRAVEL TO IMPROVE DRAINAGE.

1 BAREROOT JOSHUA TREE PLANTING

NTS

2 BARE ROOT CACTUS/OCOTILLO PLANTING

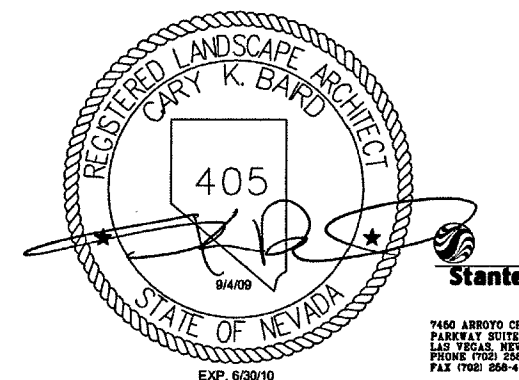
NTS



- NOTES:
1. USE SITE SOIL AMENDED PER SPECIAL PROVISIONS.

3 AGAVE/SHRUB PLANTING FROM CONTAINER

NTS

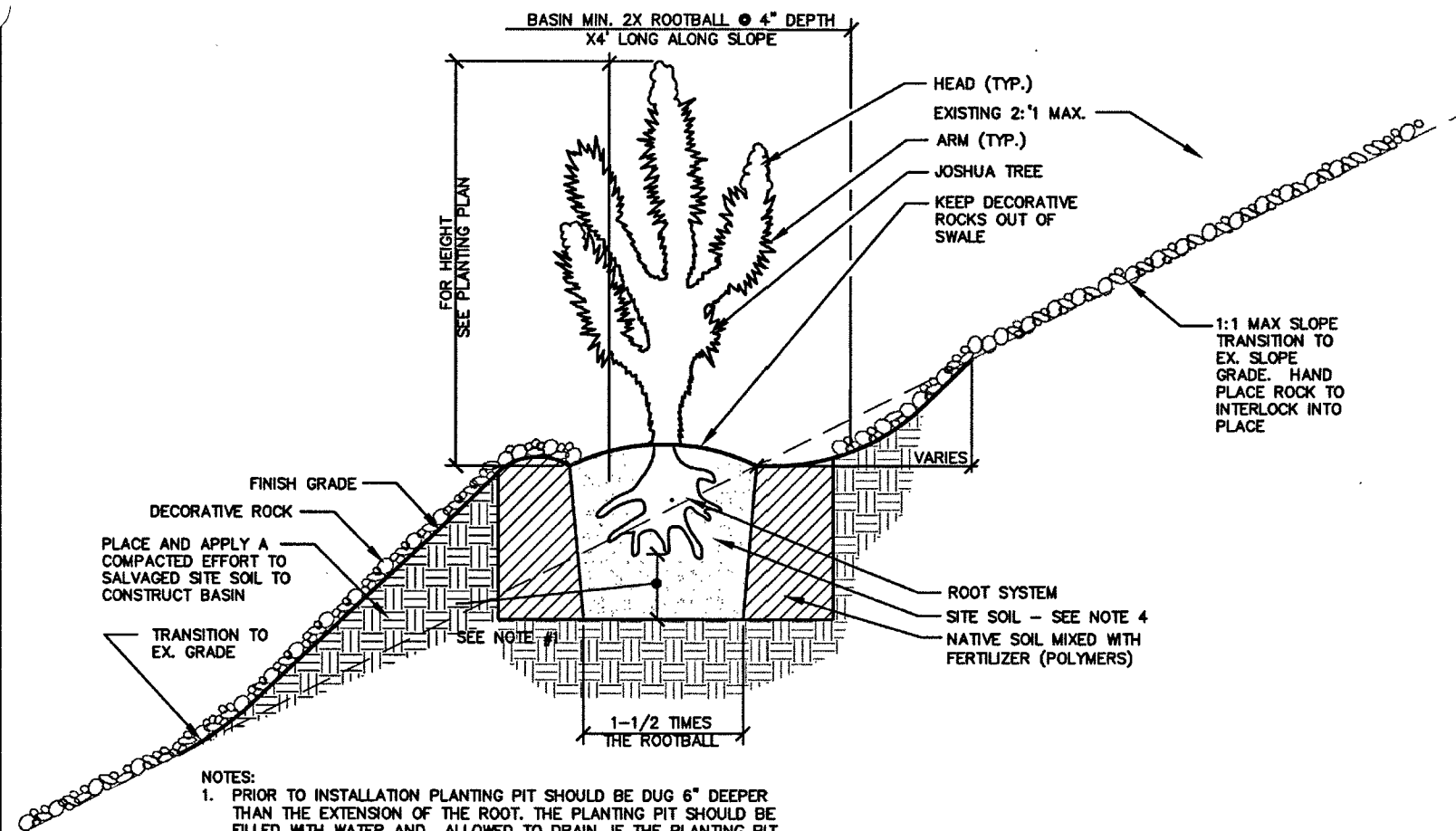


STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION
US-95 NORTHWEST

LANDSCAPE IMPROVEMENTS
PLANTING DETAILS

7450 ARROYO CROSSING
PARKWAY SUITE 100
LAS VEGAS, NEVADA 89117
PHONE (702) 258-0115
FAX (702) 258-4956

STATE	PROJECT NO.	COUNTY	SHEET NO.
NEVADA	NH-095-2(051)	CLARK	L506



NOTES:

1. PRIOR TO INSTALLATION PLANTING PIT SHOULD BE DUG 6" DEEPER THAN THE EXTENSION OF THE ROOT. THE PLANTING PIT SHOULD BE FILLED WITH WATER AND ALLOWED TO DRAIN. IF THE PLANTING PIT DOES NOT DRAIN WITHIN 8 HOURS THEN THE PIT SHOULD HAVE A 6" x 12" DEEP CHIMNEY HOLE DUG WITH COMPACTED PEA GRAVEL TO IMPROVE DRAINAGE.
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3. INSPECTION OF ROOT SYSTEM BY LANDSCAPE ARCHITECT REQUIRED PRIOR TO INSTALLATION.
4. USE SITE SOIL AMENDED PER SPECIAL PROVISIONS.
5. DUST ROOTS AT SITE W/ DUSTING SULFUR (1.5# MIN.)
6. PLANTS SHOULD BE GUYED USING (3) STAKES, WIRE AND HOSE TIES ONLY IF THE PLANT DOES NOT STAND UP ON ITS OWN.
7. PLANTING SHALL BE PERFORMED BY QUALIFIED PERSONNEL - SEE SPECIAL PROVISIONS.

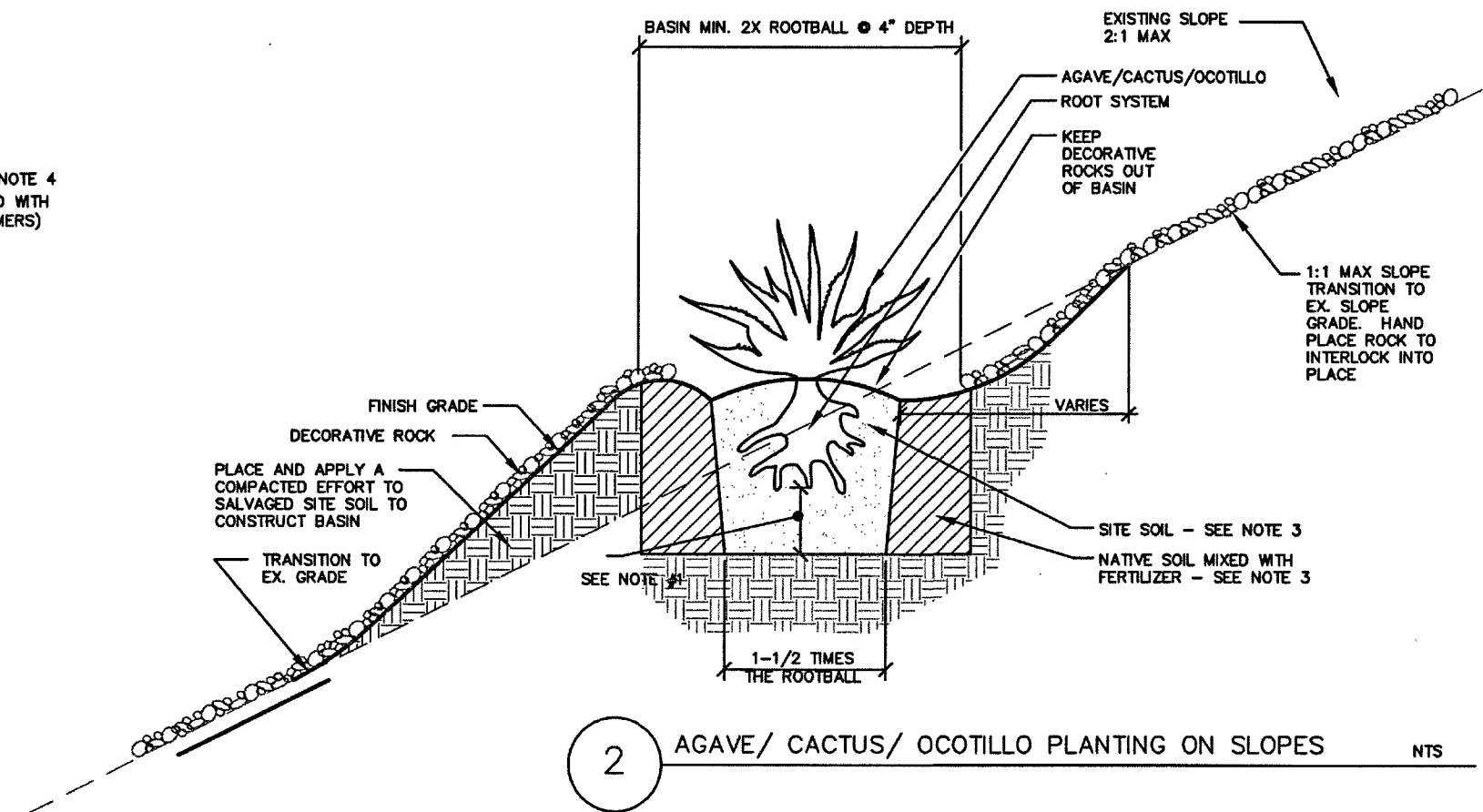
1

JOSHUA TREE PLANTING ON SLOPES

NTS

NOTES:

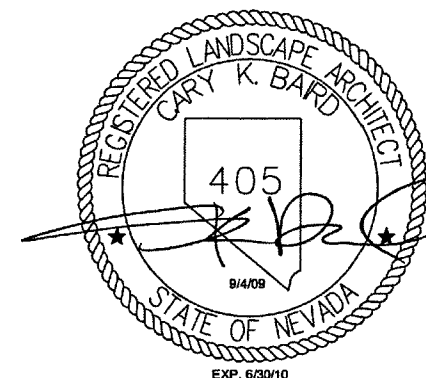
1. PLANT PIT TO BE 6" DEEPER THAN THE FREE EXTENSION OF ROOTS.
2. ROOT PRUNE ALL DAMAGED ROOTS.
3. USE SITE SOIL AMENDED PER SPECIAL PROVISIONS.
4. PLANTING SHALL BE PERFORMED BY QUALIFIED PERSONNEL - SEE SPECIAL PROVISIONS.
5. PRIOR TO INSTALLATION PLANTING PIT SHOULD BE DUG 6" DEEPER THAN THE EXTENSION OF THE ROOT. THE PLANTING PIT SHOULD BE FILLED WITH WATER AND ALLOWED TO DRAIN. IF THE PLANTING PIT DOES NOT DRAIN WITHIN 8 HOURS THEN THE PIT SHOULD HAVE A 6" x 12" DEEP CHIMNEY HOLE DUG WITH COMPACTED PEA GRAVEL TO IMPROVE DRAINAGE.



2

AGAVE/ CACTUS/ OCOTILLO PLANTING ON SLOPES

NTS



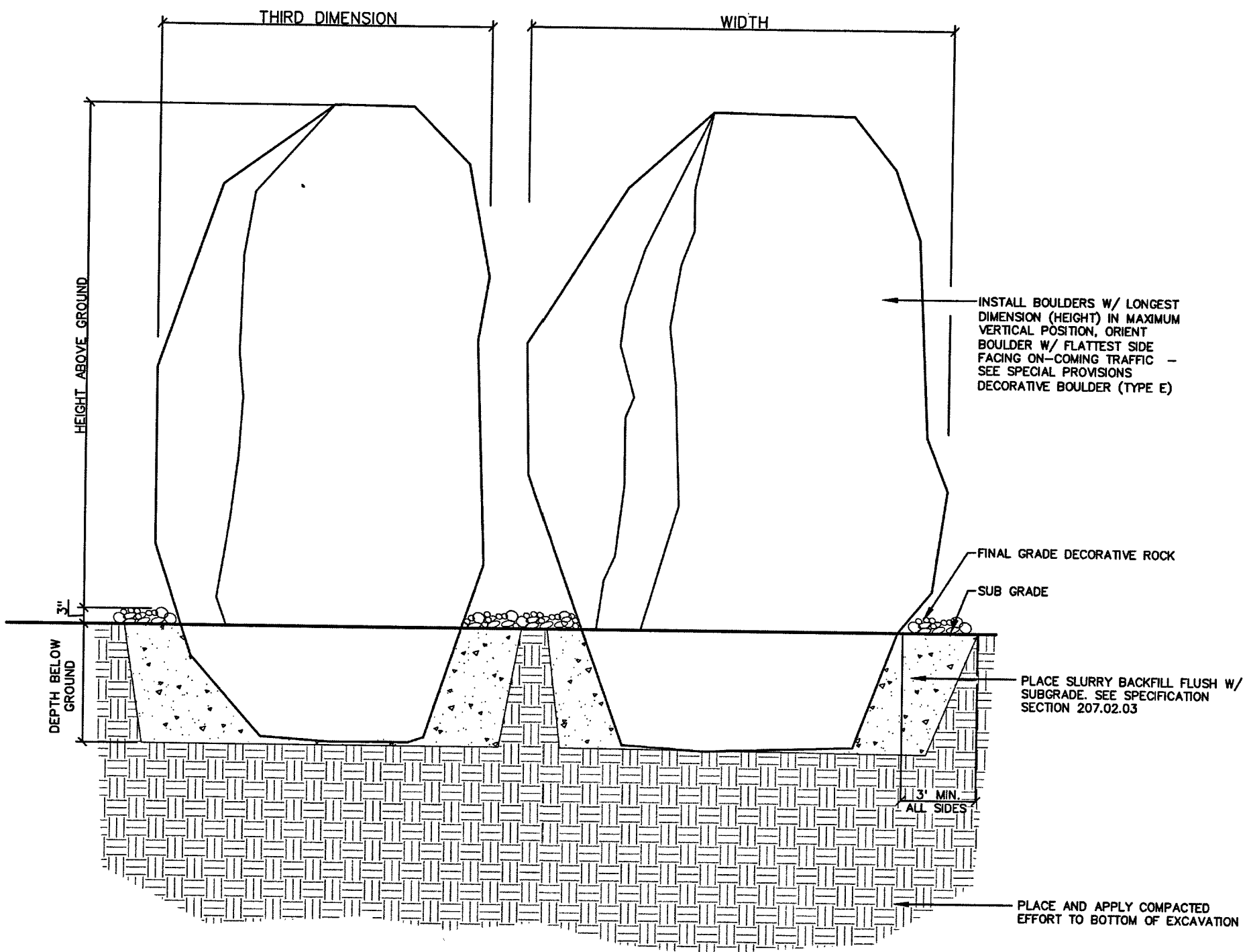
7450 ARROYO CROSSING
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STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

US-95 NORTHWEST

LANDSCAPE IMPROVEMENTS
PLANTING DETAILS

STATE	PROJECT NO.	COUNTY	SHEET NO.
NEVADA	NH-095-2(051)	CLARK	L507

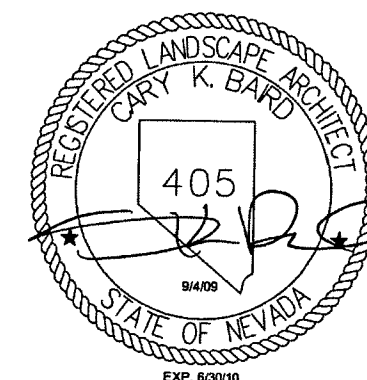


ROCK MONUMENT LEGEND (SIZES)		
SYMBOL ON PLAN	DESCRIPTION	SIZE
E1	"E1" DECORATIVE	HEIGHT ABOVE: 6' MIN. DEPTH BELOW: +/- 12" WIDTH: 6' MIN. 3RD DIMENSION: 4' MIN.
E2	"E2" DECORATIVE	HEIGHT ABOVE: 4' MIN. DEPTH BELOW: +/- 12" WIDTH: 4' MIN. 3RD DIMENSION: 3' MIN.

1

ROCK MONUMENT (DECORATIVE BOULDER TYPE E)

1/2" = 1'-0"



Stantec
7450 ARROYO CROSSING
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STATE OF NEVADA
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US-95 NORTHWEST

LANDSCAPE IMPROVEMENTS
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STATE	PROJECT NO.	COUNTY	SHEET NO.
NEVADA	NH-095-2(051)	CLARK	L600

EXISTING & PROPOSED WALL PATTERN "A" "FRACTURED RIB"

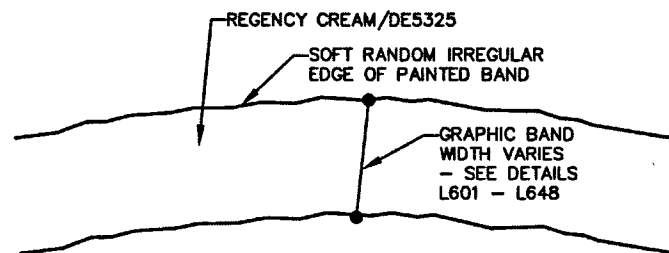
THIS PATTERN EXISTS ON ALL SOUNDWALLS TO REMAIN BETWEEN WASHINGTON AVENUE AND ANN ROAD, INCLUDING ALL TIEBACK WALLS TO REMAIN AT WASHINGTON AVENUE (SOUTHBOUND) & LAKE MEAD BOULEVARD (SOUTHBOUND). ALL NEW TIEBACK WALLS AND SOUNDWALL ADDITIONS BETWEEN WASHINGTON AVENUE AND RANCHO ROAD SHALL MATCH THIS EXISTING PATTERN - SEE PLANS; L101 - L141 FOR LOCATIONS.

EXISTING & PROPOSED WALL PATTERN "B" "VERTICAL RUSTIFICATION"

THIS PATTERN OCCURS ON EXISTING TIEBACK WALL LOCATED AT WASHINGTON AVENUE (NORTHBOUND) AND WALLS AT RANCHO ROAD (NORTHBOUND). THIS DETAIL ILLUSTRATES BOTH EXISTING AND PROPOSED WALL PATTERNS FROM FORMLINERS TO BE ENCOUNTERED AND ACCOUNTED FOR IN SURFACE AREAS TO BE PAINTED AND/OR SEALED W/ANTI-GRAFFITI COATING WHERE NOTED. THIS PATTERN SHALL ALSO BE USED ON ALL NEW MSE RECTANGULAR PANEL WALLS.

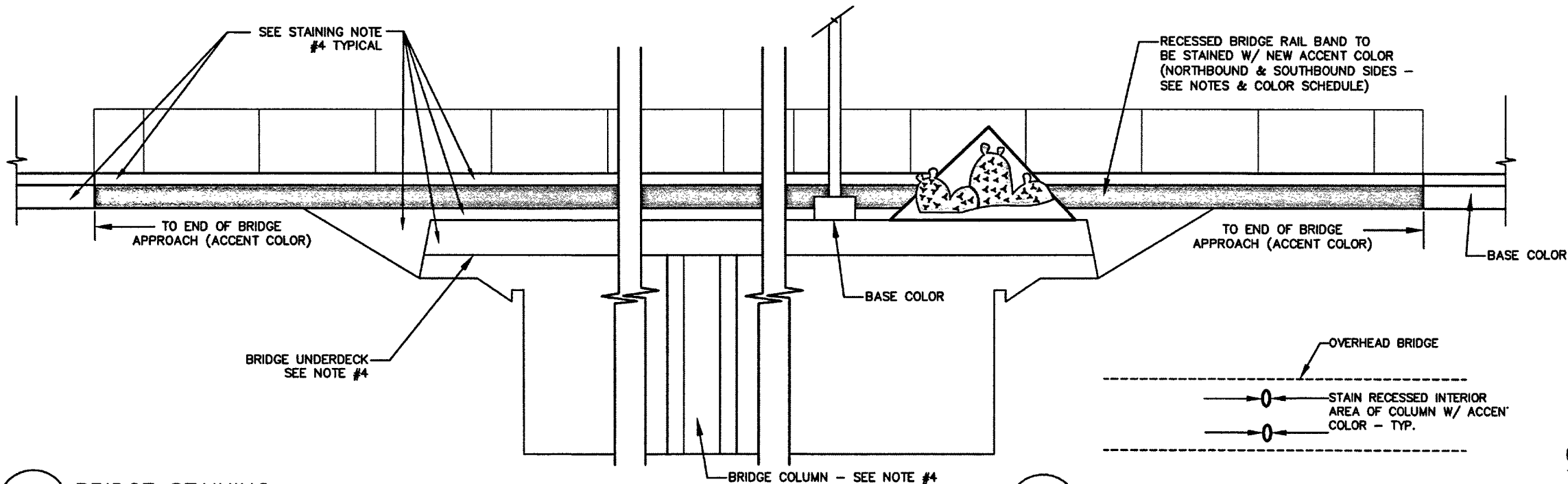
1 WALL SURFACES FOR PAINTING

SCALE: NTS



2 GRAPHIC BAND DETAIL ON WALL/SLOPE PAVEMENT -TYP.

SCALE: NTS



3 BRIDGE STAINING

SCALE: NTS

CONCRETE STAIN COLOR SCHEDULE

BRIDGE	BAND LIN. FT. SOUTHSIDE	BAND SQ. YD. SOUTHSIDE	BAND LIN. FT. NORTHSIDE	BAND SQ. YD. NORTHSIDE	BRIDGE BASE COLOR	NUMBER OF COLUMNS	ACCENT AREA S.Y. (TOTAL)	BAND ACCENT COLOR
WASHINGTON AVE.	310	73.3	310	73.3	DE6221	2	60.0	DE #5537 WOODLAND WALK
VEGAS DR.	275	87.8	275	64.5	DE6221	2	12.8	DE#5978 PLUM WINE
LAKE MEAD BLVD..	280	90.0	280	65.6	DE6221	5	38.3	DE#5537 WOODLAND WALK
SMOKE RANCH RD.	274	87.8	274	87.8	DE6221	4	55.6	DE#5914 BOSSA NOVA BLUE
CHEYENNE AVE.	275	64.5	275	87.8	DE6221	4	22.2	DE#5537 WOODLAND WALK
ALEXANDER RD.	275	87.8	275	64.5	DE6221	2	11.1	DE#5914 BOSSA NOVA BLUE
CRAIG RD.	275	64.5	275	87.8	DE6221	4	27.8	DE#5978 PLUM WINE
LONE MOUNTAIN RD.	275	87.8	275	64.5	DE6221	2	11.1	DE#5537 WOODLAND WALK
RANCHO RD. (SB)	363	84.5	363	84.5	DE6221	1	8.4	DE#5914 BOSSA NOVA BLUE
ANN RD.	365	116.7	365	116.7	DE6221	6	88.9	DE#5537 WOODLAND WALK
RANCHO "C" ON RAMP	1,170	325.0	1,210	336.0	DE6221	-	-	DE#5914 BOSSA NOVA BLUE
ANN RD. "H" ON RAMP	1,098	305.0	1,016	282.0	DE6221	-	-	DE#5537 WOODLAND WALK
OTHER					COLOR			
SOUND WALLS INCLUDING BARRIER RAILS (BOTH SIDES)					DE6221 "FLINTSTONE" BASECOLOR			
BARRIER RAILS (INCLUDES MEDIANS)					DE6221 "FLINTSTONE" BASECOLOR			
DRAINAGE CHANNEL HEAD & WING WALLS					DE6221 "FLINTSTONE" BASECOLOR			
SLOPE PAVEMENTS					DE6221 "FLINTSTONE" BASECOLOR			
"GRAPHIC BAND"					DE5325 "REGENCY CREAM"			
IMAGE PANELS (PAINT)					SEE SHEETS L700 THRU L712			
BRIDGE BAND ACCENT COLOR BEHIND LETTERS					DE#6221 "FLINTSTONE" BASECOLOR			
TIEBACK RETAINING & MSE WALLS AND BARRIER RAILS					DE#6221 "FLINTSTONE" BASECOLOR			

3A COLUMN ACCENT COLORING

SCALE: NTS

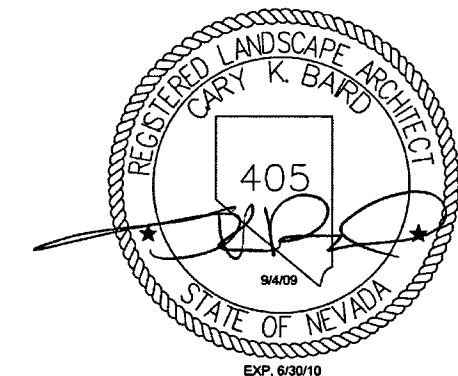
LAYOUT NOTES:

- THESE NOTES APPLY TO SHEETS L601 TO L648
- LAYOUT OF GRAPHICS ARE BASED ON EXISTING SLOPE PAVEMENT CONTROL JOINTING. (FIELD LOCATED)
- A CAD FILE CAN BE MADE AVAILABLE AFTER AWARD TO ASSIST IN LAYOUT OF GRAPHICS.
- CONTRACTOR SHALL FIELD LAYOUT GRAPHICS ON SLOPES & WALLS FOR REVIEW BY LANDSCAPE ARCHITECT FOR APPROVAL. FIELD REVISIONS MAY OCCUR TO ACHIEVE DESIGN INTENT. CONTRACTOR CAN ADJUST GRAPHICS (AS NEEDED) TO ACHIEVE DESIGN INTENT PROTRAYED HEREIN. ALL MODIFICATIONS REQUIRE REVIEW AND APPROVAL PRIOR TO INSTALLATION.

- STAIN "GRAPHIC BAND" PER DETAIL 2. NO STRAIGHT EDGES OR TANGENTS WILL BE PERMITTED.

PAINTING/STAINING NOTES:

- COLORS SPECIFIED ARE PAINT COLORS/NAMES AS MANUFACTURED BY DUNN EDWARDS. ANY PAINT MANUFACTURER PROPOSED MUST MATCH COLORS SPECIFIED AND BE APPROVED BY NDOT ON QPL LIST.
- SUBMIT MINIMUM 6" X 8" MANUFACTURER COLOR CHIPS AS SAMPLES FOR APPROVAL. MORE THAN ONE SUBMITTAL MAY OCCUR TO ACHIEVE APPROVAL OF COLOR WANTED. SUBMIT MINIMUM (5) SAMPLES OF EACH COLOR.
- ALL NEW AND EXISTING BRIDGES FROM WASHINGTON AVENUE TO ANN ROAD SHALL BE PREPARED AND STAINED WITH BASE COLOR IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS, SPECIAL PROVISIONS & MANUFACTURER RECOMMENDATIONS. ALL NEW AND EXISTING BRIDGES THAT INCLUDE ALL INSIDE, EXTERIOR & TOP BRIDGE RAILS (EXCLUDES BAND), BRIDGE UNDERDECK AND SIDES, BRIDGE COLUMNS, ATTACHED LIGHT FOUNDATIONS AND ABUTMENTS.
- ALL NEW AND EXISTING CONCRETE SLOPE PAVEMENTS, DRAINAGE CHANNEL WING & HEAD WALLS, RETAINING WALLS, TIEBACK WALLS, CONCRETE BARRIER RAILS (ALL SIDES) AND SOUND WALLS (BOTH SIDES) FROM WASHINGTON AVENUE TO ANN ROAD SHALL BE PREPARED AND STAINED WITH BASE COLOR IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS, SPECIAL PROVISIONS AND MANUFACTURER RECOMMENDATIONS.



STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION
US-95 NORTHWEST

LANDSCAPE IMPROVEMENTS
PAINTING NOTES & DETAILS



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