

A CITY OF SPARKS PROJECT

CITY OF SPARKS BID NO. 20/21-014

NEVADA PUBLIC WORKS PROJECT NO. WA-2021-170

GOLDEN EAGLE REGIONAL PARK

LITTLE LEAGUE PARKING LOT ADDITION

SPARKS, WASHOE COUNTY, NEVADA



VICINITY MAP



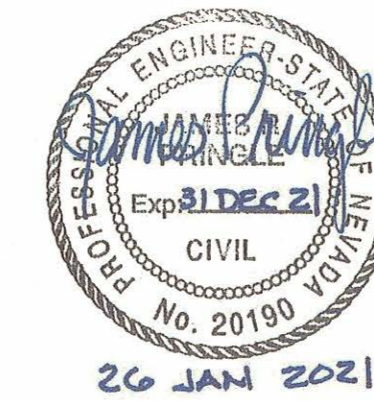
APPROVALS:

Jon Ericson

 JON ERICSON, P.E., P.T.O.E. 2/12/2021
 CITY ENGINEER DATE

Tony Pehle

 TONY PEHLE 2/12/2021
 PARKS AND RECREATION DIRECTOR DATE



PLANS PREPARED AND SUBMITTED BY:

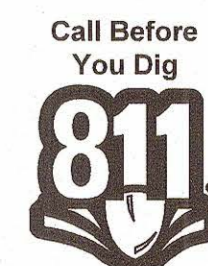
 JAMES PRINGLE, P.E. DATE
 PROJECT ENGINEER

ISSUED FOR
 BIDDING

ENGINEER:



6995 Sierra Center Parkway
 Reno, NV 89511
 www.stantec.com



STANTEC PROJECT NO. 204256670

C-0

GENERAL NOTES

- LOCATIONS OF UNDERGROUND FACILITIES SHOWN ON THE PLANS ARE APPROXIMATE, AND WERE NOT DETERMINED BY FIELD INVESTIGATION. EXISTING UTILITIES ARE SHOWN BASED UPON BATTLE BORN VENTURES AS DISCUSSED IN NOTE 2. ALL UNDERGROUND UTILITIES MAY NOT BE SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITY STRUCTURES, WHETHER SHOWN OR NOT, AND TO NOTIFY ALL UTILITY COMPANIES TO VERIFY IN THE FIELD THE LOCATION OF THEIR INSTALLATIONS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL PROTECT ALL UTILITY STRUCTURES FROM DAMAGE. THE EXPENSE OF REPAIR OR REPLACEMENT SHALL BE BORNE SOLELY BY THE CONTRACTOR. THE CONTRACTOR SHALL REQUEST FIELD MARKING OF EXISTING UTILITIES AT LEAST 48 HOURS IN ADVANCE OF BEGINNING CONSTRUCTION BY CALLING UNDERGROUND SERVICE ALERT AT 811. IT WILL BE THE CONTRACTORS RESPONSIBILITY TO MAINTAIN AND PROTECT ALL UTILITIES DURING CONSTRUCTION.
- TOPOGRAPHIC INFORMATION CONTAINED WITHIN THESE CONSTRUCTION DOCUMENTS WAS PREPARED BY BATTLE BORN VENTURES, DATED SEPTEMBER 5, 2017. BASED UPON CONVENTIONAL FIELD TOPOGRAPHIC SURVEYS.
BASIS OF BEARING: NORTH AMERICAN DATUM OF 1983/94 (NAD 83/94), NEVADA STATE PLANE EAST ZONE, AS DETERMINED WITH REAL TIME KINEMATIC (RTK) GPS OBSERVATIONS, OBSERVED ON SEPTEMBER 05, 2017, USING TRIMBLE R8 RECEIVER WITH CORRECTION FROM NORTHWEST RENO "RNO1" CONTINUOUSLY OPERATING REFERENCE STATION (CORS) BEING PART OF THE NORTHERN NEVADA REGIONAL MAPPING NETWORK, MODIFIED BY A COMBINATION FACTOR OF 1.0001979390. ALL DIMENSIONS ARE U.S. SURVEY FOOT GROUND DISTANCES.
"RNO1" STATE PLANE GRID, NV WEST ZONE
N - 14869133.44
E - 2257346.81
ELEV. - 5101.67 (NAVD 88)
"RNO1" GROUND COORDINATE
N - 14872076.62
E - 2257793.63
ELEV. - 5101.67 (NAVD 88)
BASIS OF ELEVATION:
NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AS DETERMINED WITH REAL TIME KINEMATIC (RTK) GPS OBSERVATIONS, OBSERVED ON JANUARY 14, 2015, USING TRIMBLE R8 RECEIVER WITH CORRECTION FROM NORTHWEST RENO "RNO1" CONTINUOUSLY OPERATING REFERENCE STATION (CORS) BEING PART OF THE NORTHERN NEVADA REGIONAL MAPPING NETWORK. ELEVATIONS WERE REDUCED USING THE GEOID 99 MODEL PROVIDED BY THE NATIONAL GEODETIC SURVEY.
"RNO1" ELEVATION = 5101.67 NAVD 88 (GEOID 99)
- WORK IN PUBLIC STREETS, IF NECESSARY, ONCE BEGUN, SHALL BE EXECUTED TO COMPLETION WITHOUT DELAY SO AS TO PROVIDE MINIMUM INCONVENIENCE TO ADJACENT PROPERTY OWNERS AND TO THE TRAVELING PUBLIC. THE CONSTRUCTION OF THE STREET IMPROVEMENTS SHALL ALLOW FOR THE PERPETUATION OF ALL EXISTING LEGAL ACCESSES AND EXISTING DRIVEWAYS, UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL COOPERATE WITH OTHER CONTRACTORS OR UTILITY COMPANY FORCES WORKING ON THE SITE, AND WITH BUSINESS OWNERS ACTIVE OPERATIONS.
- ALL SURFACES SHALL BE RESTORED TO THEIR ORIGINAL OR BETTER CONDITION AT THE COMPLETION OF CONSTRUCTION. EXISTING CONCRETE SUCH AS SIDEWALK, CURB AND GUTTER SHALL BE REMOVED TO LIMITS MARKED IN FIELD BY THE ENGINEER. ALL REMOVAL MATERIALS SHALL BE DISPOSED OF OFF SITE AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN WORKING ON PRIVATE PROPERTY.
- AT LOCATIONS WHERE NEW UNDERGROUND FACILITIES CROSS EXISTING FACILITIES THE CONTRACTOR SHALL EXPOSE THE EXISTING FACILITY AND VERIFY THAT SUFFICIENT HORIZONTAL AND VERTICAL CLEARANCE EXISTS FOR THE NEW FACILITY TO BE CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE PLANS. AT LOCATIONS WHERE NEW UNDERGROUND FACILITIES ARE TO BE CONNECTED TO EXISTING FACILITIES THE CONTRACTOR SHALL EXPOSE THE EXISTING FACILITY AND VERIFY THAT THE CONNECTION CAN BE MADE AS SHOWN ON THE PLANS. THIS VERIFICATION SHALL BE PERFORMED PRIOR TO ANY CONSTRUCTION. ANY CONFLICTS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION AS SOON AS THEY ARE DISCOVERED.
- ALL DIMENSIONS TO CURBS OR CURB AND GUTTERS ARE TO THE FRONT FACE OF CURB UNLESS NOTED OTHERWISE ON THE DRAWINGS.
- EXISTING DRAINAGE FACILITIES, OR INTERIM ENGINEER APPROVED ALTERNATIVES, SHALL BE KEPT IN SERVICE AT ALL TIMES DURING CONSTRUCTION. CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF SECTION 1.03 a) STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, PHASE II AND b) STORM WATER POLLUTION PREVENTION PLAN (SWPPP) OF THE SUPPLEMENTAL GENERAL PROVISIONS OF THE SOLICITATION DOCUMENTS FOR THE CITY OF SPARKS PROJECT GOLDEN EAGLE PARK NORTH PARKING LOT ADDITION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING ROADS, BUILDINGS OR OTHER STRUCTURES RESULTING FROM HIS CONSTRUCTION ACTIVITIES. REPAIRS SHALL BE MADE TO THE SATISFACTION OF THE CITY OF SPARKS, THE PROPERTY OWNERS, AND THE ENGINEER AT NO ADDITIONAL COST.
- THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF DISCREPANCIES BETWEEN THE INFORMATION SHOWN ON THESE DRAWINGS AND THE CONDITIONS EXISTING IN THE FIELD. THE CONTRACTOR SHALL COMPARE ALL DRAWINGS AND VERIFY THE FIGURES BEFORE STARTING THE WORK AND WILL BE RESPONSIBLE FOR ANY ERRORS WHICH MIGHT HAVE BEEN AVOIDED THEREBY. IF THE CONTRACTOR FAILS TO NOTIFY THE OWNER OR THEIR REPRESENTATIVE IN A TIMELY MANNER OF ANY APPARENT ERROR OR OMISSION ON THE PLANS OR SPECIFICATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING WORK INCORRECTLY DONE AT THE CONTRACTOR'S EXPENSE.
- THE USE OF POTABLE WATER FROM THE PUBLIC WATER SYSTEM FOR CONSTRUCTION PURPOSES IS PROHIBITED. CONSTRUCTION WATER USAGE FOR CONTROL DUST CONTROL SHALL BE OBTAINED FROM THE RENO-SPARKS SEWAGE TREATMENT PLANT AT 8500 CLEAN WATER WAY, RENO NEVADA, TMMWA'S TRUCK FILL STATIONS, OR ANOTHER APPROVED SOURCE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL MANHOLE RIMS AND ANY EXISTING UTILITY COVERS WITHIN THE CONSTRUCTION LIMITS ARE SET FLUSH WITH THE NEW FINISH GRADE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING STAGING AREA LOCATIONS. CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL PRIOR TO USING A STAGING AREA. THE CONTRACTOR SHALL OBTAIN ANY PERMITS FROM THE CITY OF SPARKS THAT ARE REQUIRED FOR STOCKPILING/PROCESSING MATERIALS.
- PAYMENT FOR WORK SHOWN ON THESE PLANS EITHER SPECIFIED OR INFERRED, BUT NOT INCLUDED IN THE BID PROPOSAL, SHALL BE CONSIDERED AS INCLUDED IN THE PRICE PAID FOR OTHER ITEMS OF WORK.
- DURING THE ENTIRE DURATION OF THIS CONSTRUCTION CONTRACT, THE CONTRACTOR SHALL IMPLEMENT STRINGENT DUST CONTROL MEASURES IN ACCORDANCE WITH THE TERMS OF THE APPROVED DUST CONTROL PERMIT AND WASHOE COUNTY HEALTH DEPARTMENT RULES AND REGULATIONS. THE CONTRACTOR IS REQUIRED TO SUPPRESS DUST AT ALL TIMES, 24 HOURS A DAY, SEVEN (7) DAYS A WEEK, REGARDLESS OF WHEN CONSTRUCTION ACTIVITIES ARE OCCURRING.
- THE CONTRACTOR IS RESPONSIBLE FOR REPAIRS TO EXISTING LANDSCAPING DAMAGED BY OR THROUGH CONSTRUCTION ACTIVITIES. REPAIRS SHALL BE MADE TO THE SATISFACTION OF THE ENGINEER AND OWNER. THERE WILL BE NO DIRECT PAYMENT FOR THIS WORK.
- CITY OF SPARKS STANDARD DETAILS SHALL APPLY EXCEPT WHERE OTHERWISE NOTED ON THE PLANS.
- BEFORE ANY WORK IS STARTED IN THE STREET RIGHT-OF-WAY, THE CONTRACTOR SHALL INSTALL ADVANCED WARNING SIGNS FOR THE CONSTRUCTION ZONE, ALL CONSTRUCTION SIGNING, BARRICADING, AND TRAFFIC DELINEATION SHALL CONFORM TO THE "NEVADA DEPARTMENT OF TRANSPORTATION STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION" - CURRENT EDITION AND TO THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" - CURRENT EDITION AND BE APPROVED BY THE CITY OF SPARKS. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE TO APPLY FOR AND OBTAIN A STREET CUT PERMIT FOR ANY WORK PERFORMED IN THE PUBLIC RIGHT OF WAY FROM THE CITY OF SPARKS PW DEPARTMENT PRIOR TO COMMENCING ANY WORK.
- PROTECTION AND REPLACEMENT OF ALL SURVEY MONUMENTS OR PROPERTY STAKES NOT DELINEATED ON THE CONTRACT DRAWINGS SHALL BE THE CONTRACTOR'S RESPONSIBILITY. DAMAGED OR REMOVED MONUMENTS AND/OR PROPERTY STAKES SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

LEGEND

	SANITARY SEWER
	SANITARY SEWER MANHOLE
	DROP INLET
	UTILITY POLE
	UTILITY POLE ANCHOR
	SIGN
	WATER LINE
	WATER METER
	WATER VALVE
	FIRE HYDRANT
	GAS LINE
	GAS VALVE
	EFFLUENT WATER LINE
	EFFLUENT WATER LINE MANHOLE
	OVERHEAD POWER
	UNDERGROUND COMMUNICATIONS
	TRAFFIC SIGNAL POLE
	PULL BOX
	STORM DRAIN
	STORM DRAIN MANHOLE (EXISTING)
	STORM DRAIN MANHOLE (PROPOSED)
	STORM DRAIN FLARED END SECTION
	EX. CATCH BASIN
	CURB & GUTTER
	CONTROL POINT
	BENCH MARK
	TELEPHONE MANHOLE
	TELEPHONE LINE
	ELECTRIC FACILITIES (MANHOLE)
	UTILITY POLE W/ LIGHT
	LIGHT POLE
	GUARDRAIL
	FENCE
	BOLLARD
	PROPERTY LINE
	CENTERLINE
	RIGHT OF WAY
	GRADE BREAK
	FLOWLINE
	ROADWAY CROWN

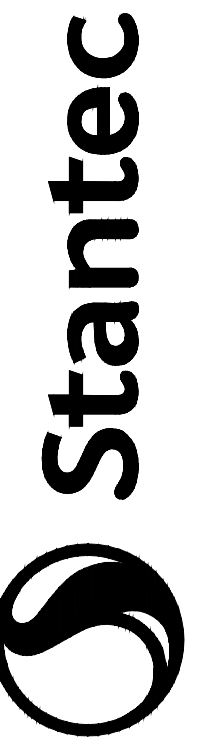
NOTE: ALL SYMBOLS OR ABBREVIATIONS MAY NOT BE USED ON PLANS

ABBREVIATIONS

AC	ASPHALTIC CEMENT
A.D.	ALGEBRAIC DIFFERENCE
AP	ANGLE POINT
APP	ASPHALT PAVEMENT PATH
ARV	AIR RELEASE VALVE
BC	BEGINNING OF CURVE
BF	BOTTOM OF FOOTING
BF	BACK FACE OF CURB
BVCS	BEGINNING OF VERTICAL CURVE STATION
BW	BACK OF SIDEWALK
CB	CATCH BASIN
C or CL	CENTERLINE
CMF	CORRUGATED METAL PIPE
CONC.	CONCRETE
CONST.	CONSTRUCT
DI	DROP INLET
D.I.P.	DUCTILE IRON PIPE
EG	END OF CURVE
EG	EXISTING GROUND
ELEV.	ELEVATION
EP	EDGE OF PAVEMENT
EVCS	END OF VERTICAL CURVE ELEVATION
EVCS	END OF VERTICAL CURVE STATION
EX	EXISTING
(e)	EXISTING
FF	FINISH FLOOR
FFC	FRONT FACE OF CURB
FG	FINISH GRADE
FH	FIRE HYDRANT
FL	FLOWLINE
FLG	FLANGED
FT	FEET
FV	FLUSH VALVE
G	GAS
GB	GRADE BREAK
HORIZ.	HORIZONTAL
HFP	HIGH PERFORMANCE
HW	HEAD WALL
IE	INVERT ELEVATION
K	RATE OF VERTICAL CURVATURE
L	LENGTH
LAT.	LATERAL
LP	LINEAL FEET
LP	LOW POINT
LT.	LEFT
M.D.D.	MAXIMUM DRY DENSITY
MIN.	MINIMUM
MJ	MECHANICAL JOINT
MPOC	MID POINT OF CURVE
PC	POINT OF CURVATURE
P.C.C.	PORTLAND CEMENT CONCRETE
PCC	POINT OF COMPOUND CURVATURE
PI	POINT OF INTERSECTION
POC	POINT ON CURVE
POT	POINT ON TANGENT
PPB	PEDESTRIAN PUSH BUTTON
PRC	POINT OF REVERSE CURVATURE
PT	POINT OF TANGENCY
PVC	POLYVINYL CHLORIDE
PVI	POINT OF VERTICAL INTERSECTION
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
RET.	RETAINMENT
RET.	RETURN
RP	RADIUS POINT
RT	RIGHT
R/W	RIGHT OF WAY
S	SLOPE
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SF	SQUARE FEET
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
SSPWC	STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION
STA	STATION
SUP	SHARED USE PATH
SW	SIDEWALK
TC	TOP OF CURB
TP	TOP OF PAVEMENT
TYP.	TYPICAL
VERT.	VERTICAL
V.C.	VERTICAL CURVE
V.P.I.	VERTICAL POINT OF INTERSECTION
W	WATER
W	WALK

INDEX OF SHEETS

SHEET NO.	DESCRIPTION OF SHEET
1 OF 20	C-0 COVER SHEET
2 OF 20	C-1 GENERAL NOTES, LEGEND, ABBREVIATIONS, AND INDEX OF SHEETS
3 OF 20	HC-1 HORIZONTAL CONTROL PLAN
4 OF 20	SP-1 SITE PLAN AND STRIPING PLAN
5 OF 20	GP-1 GRADING PLAN
6 OF 20	GP-2 GRADING PLAN
7 OF 20	DT-1 CIVIL CONSTRUCTION DETAILS
8 OF 20	DT-2 CIVIL CONSTRUCTION DETAILS
9 OF 20	DT-3 CIVIL CONSTRUCTION DETAILS
10 OF 20	DT-4 CIVIL CONSTRUCTION DETAILS
11 OF 20	LP-1 LANDSCAPE PLAN
12 OF 20	LP-2 LANDSCAPE SPECIFICATIONS AND DETAILS
13 OF 20	LP-3 REVEGETATION SPECIFICATIONS
14 OF 20	SW-1 STORM WATER POLLUTION PREVENTION PLAN
15 OF 20	E0.1 ELECTRICAL LEGEND & DRAWING SCHEDULE
16 OF 20	E0.2 ELECTRICAL SPECIFICATIONS
17 OF 20	E0.3 FIXTURE SCHEDULE & ENERGY COMPLIANCE FORMS
18 OF 20	E0.4 DETAILS
19 OF 20	E1.1 OVERALL ELECTRICAL SITE PLAN
20 OF 20	E2.1 SITE LIGHTING PLAN



6995 Sierra Center Parkway
Sparks, NV, 89511
www.stantec.com
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any error or omission shall be reported to Stantec, without delay. The Copyright to all design and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Revision	By	App'd.	Y1.MMM.DD
1	HZ	JP	21.01.25
Issued	By	App'd.	Y1.MMM.DD

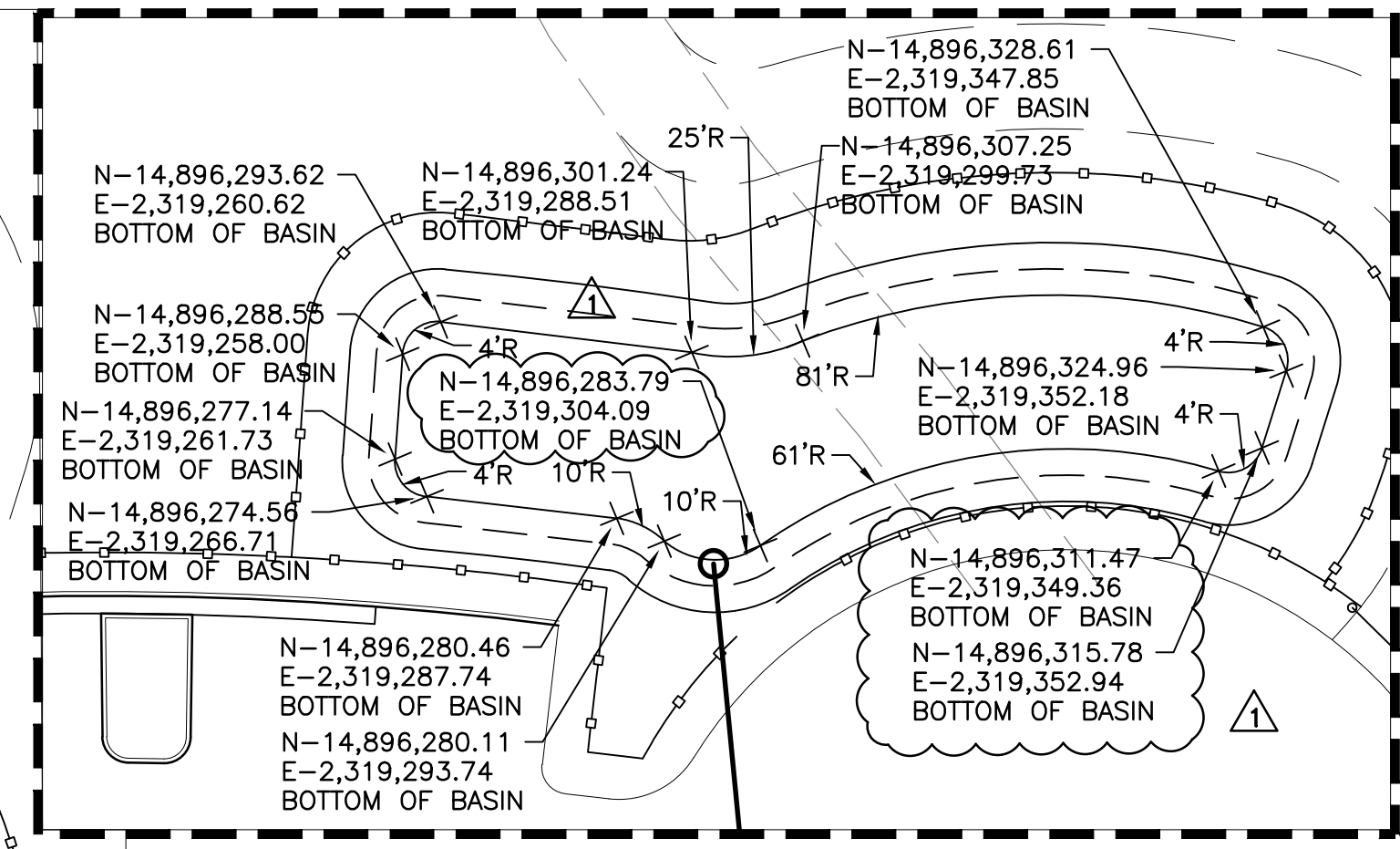
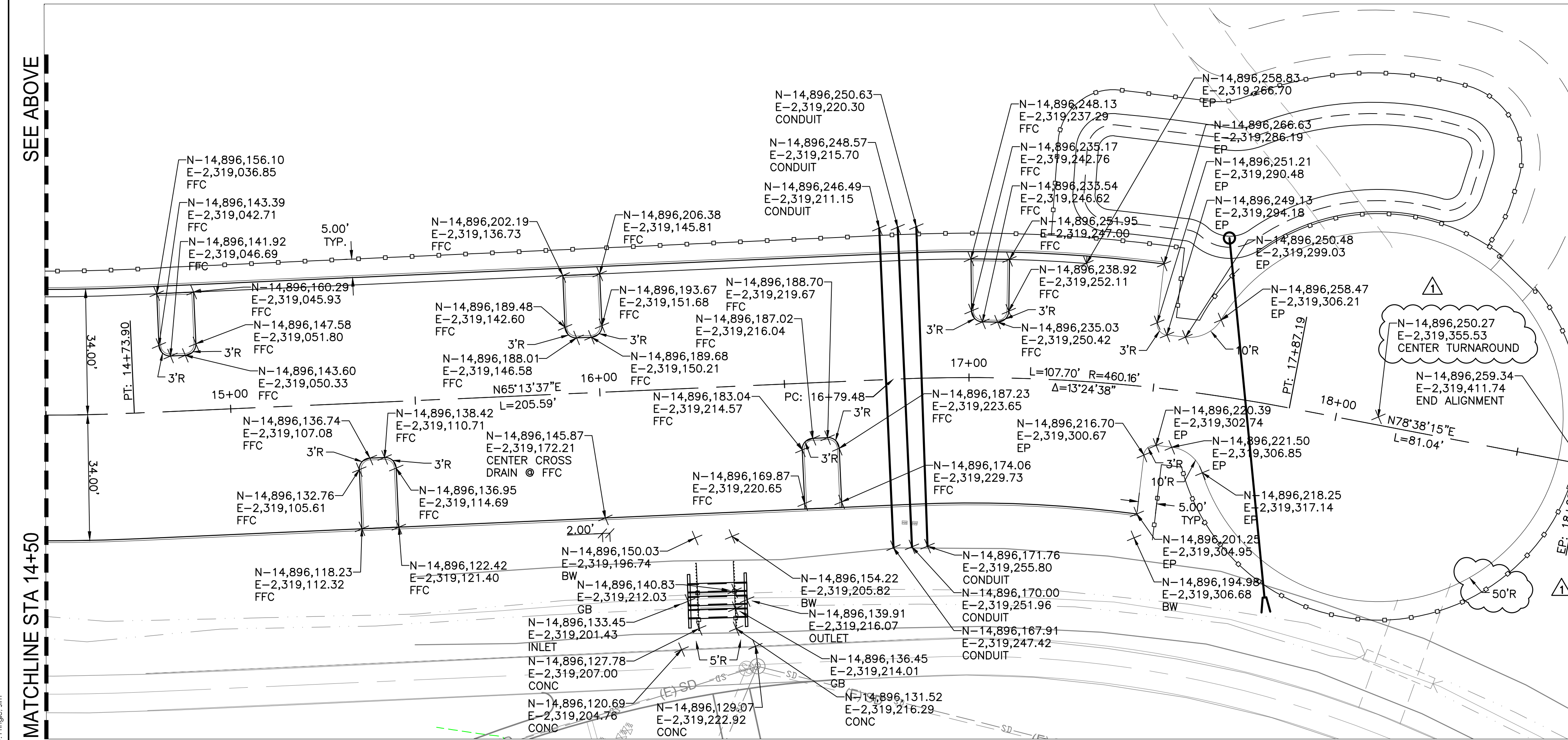
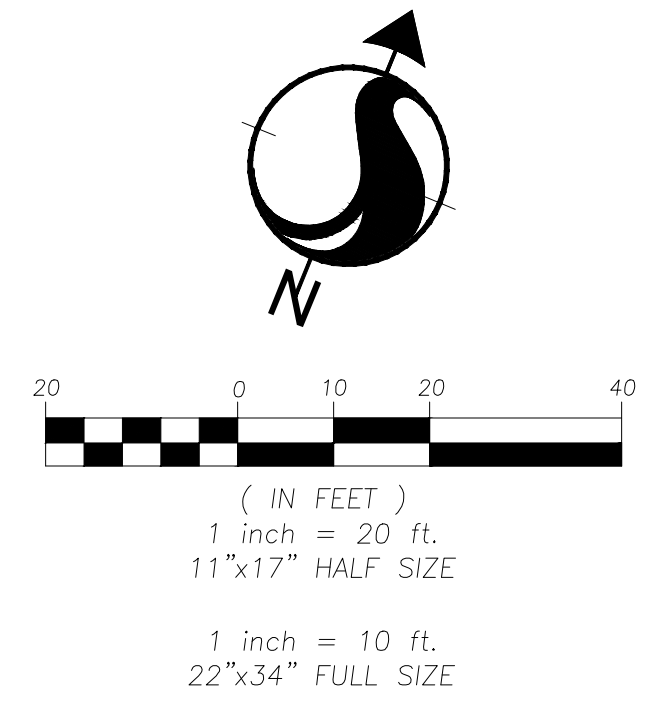
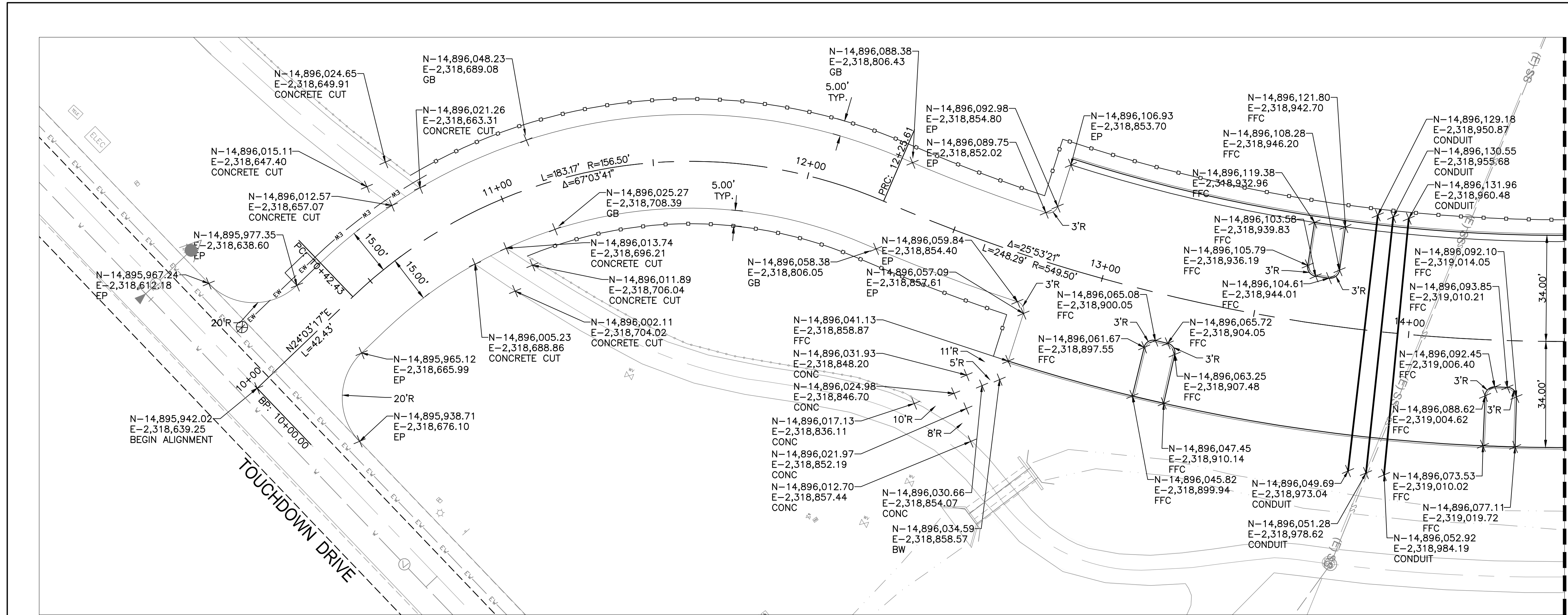
Client/Project
CITY OF SPARKS
GOLDEN EAGLE REGIONAL PARK
LITTLE LEAGUE PARKING LOT ADDITION
Sparks, NV
Title
GENERAL NOTES, LEGEND, ABBREVIATIONS, AND INDEX OF SHEETS
AND INDEX OF SHEETS

Permit-Seal

 26 JAN 2021
 Project Number: 204256670
 File Name: 01587_GERP_C-1.DWG

Hz	TM	CA	20.03.25
Dwn	Chkd.	Dsgn.	Y1.MMM.DD
Drawing No.	C-1		
Revision	Sheet		

\\N:\B1\Projects\15015\15015_GBP_Horizontal.dwg
2021.02.01 10:28 AM By: P. H. J. / J. H. J.



6995 Sierra Center Parkway
Sparks, NV, 89511
www.stantec.com

The Contractor shall verify and be responsible for all dimensions, DO NOT scale the drawing - any errors or omissions shall be reported to Stantec, without delay. The Copyright to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Rev	By	App'd	Date	Description
1	JH	JH	2/1/21	ISSUED FOR BIDDING
2	JH	JH	2/1/21	ISSUED

Client/Project
CITY OF SPARKS

Permit Seal
Professional Engineer
No. 20190

Project Number: 204256670
File Name: 01587_GERP_H.C.DWG

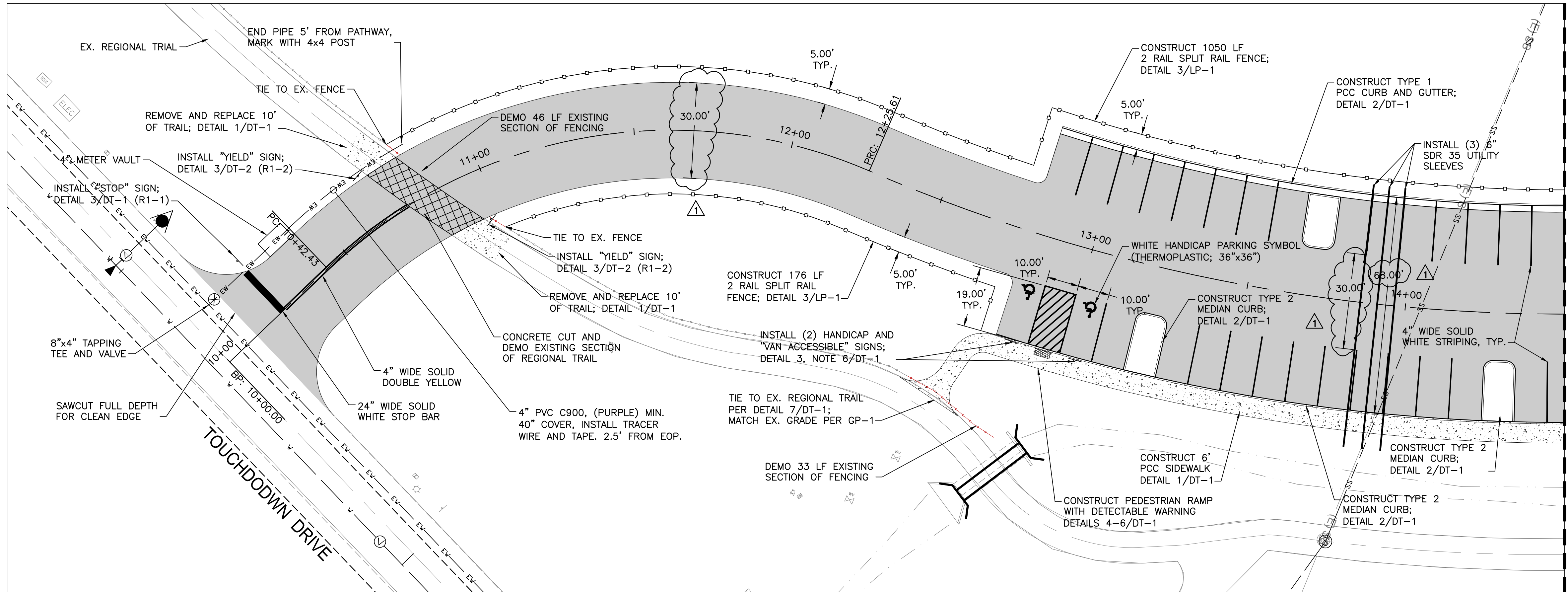
Project: GOLDEN EAGLE REGIONAL PARK
LITTLE LEAGUE PARKING LOT ADDITION
Sparks, NV

Title: HORIZONTAL CONTROL PLAN

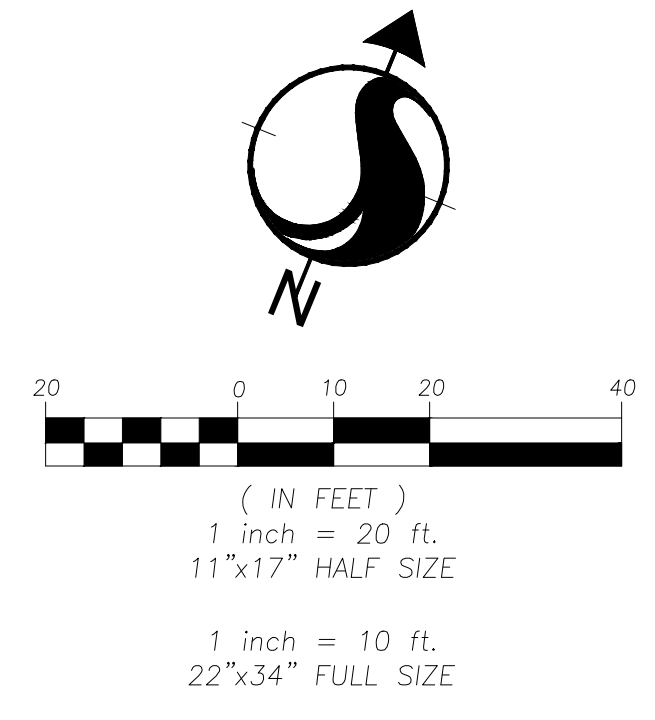
26 JAN 2021

Drawing No. HC-1
Revision Sheet

1 of 20



SEE BELOW
MATCHLINE STA 14+50



LEGEND:

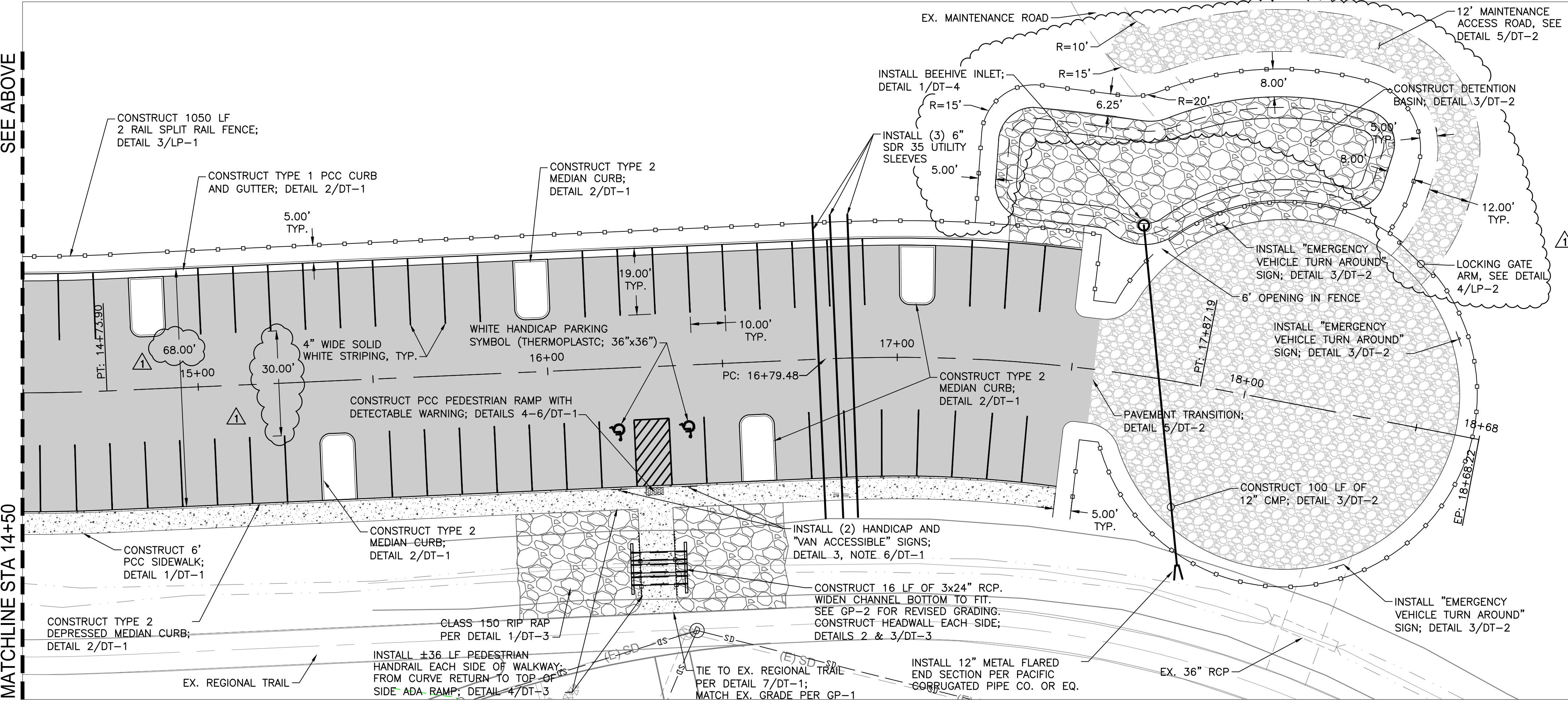
- PAVEMENT CONSTRUCTION
- AC PAVEMENT GRINDINGS
- CLASS 150 RIPRAP
- CONCRETE SIDEWALK

Stantec

6995 Sierra Center Parkway
Sparks, NV 89511
www.stantec.com

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec, without delay. The Copyright to all design and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

City Comments	2018.09	Y1MMDD
Revision		
Issued for Bidding	21.01.25	Y1MMDD
Issued		



SEE ABOVE
MATCHLINE STA 14+50

Client/Project
CITY OF SPARKS

Permit Seal

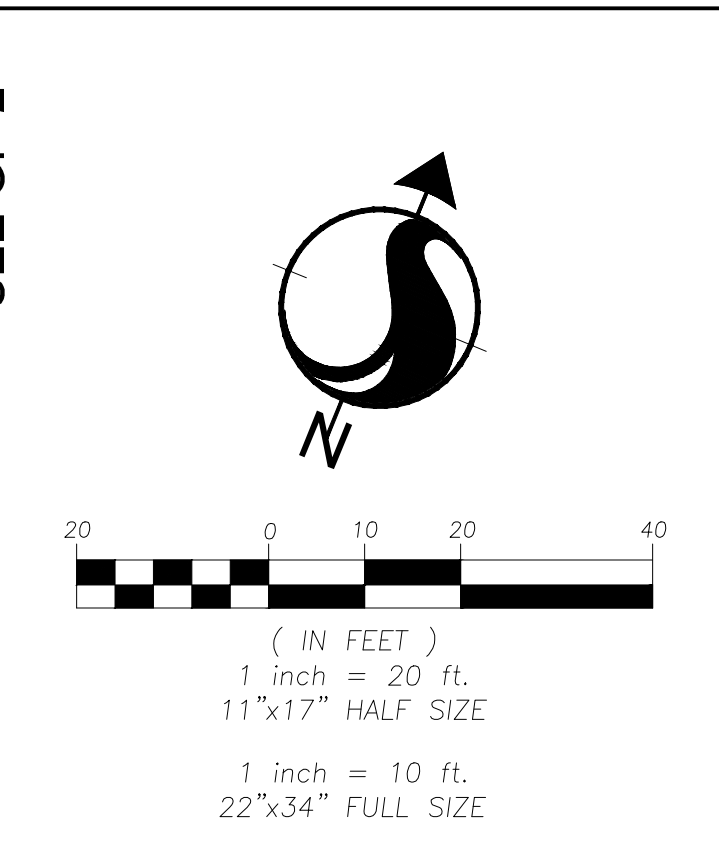
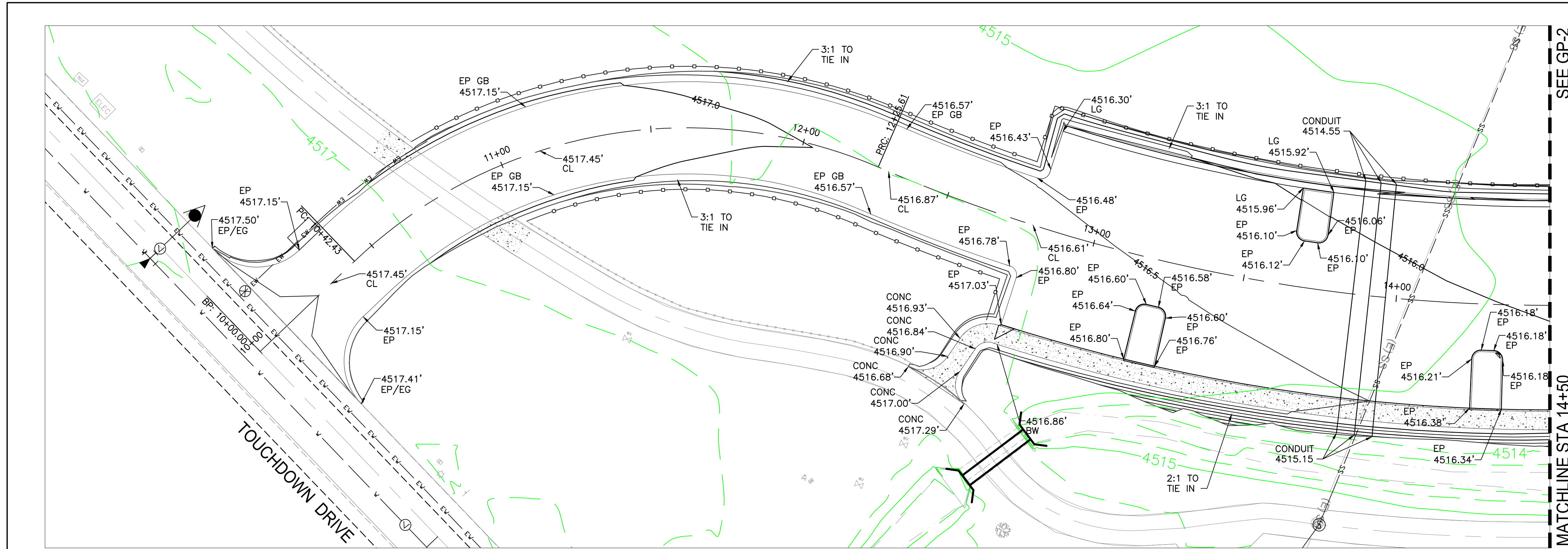
GOLDEN EAGLE REGIONAL PARK
LITTLE LEAGUE PARKING LOT ADDITION
Sparks, NV

26 JAN 2021

Project Number: 204256670
File Name: 01587_GERP_SP.DWG

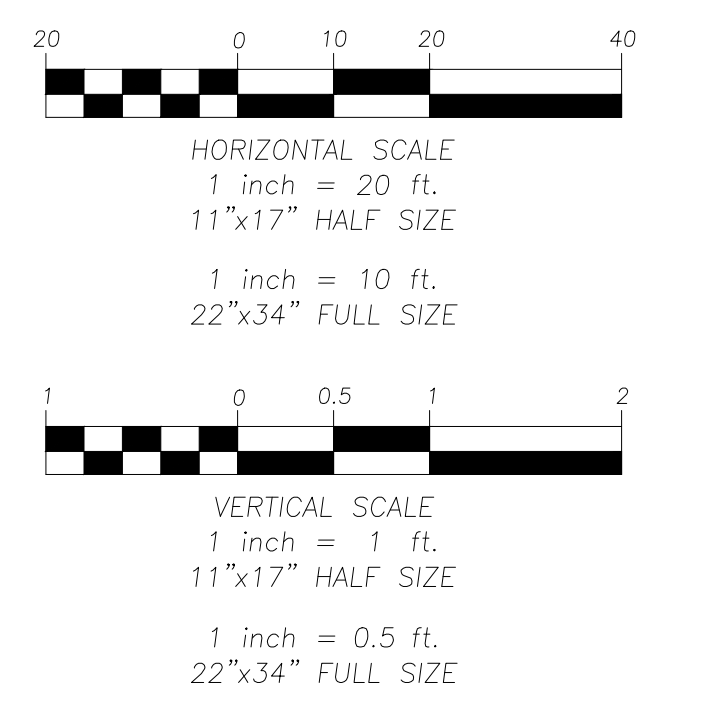
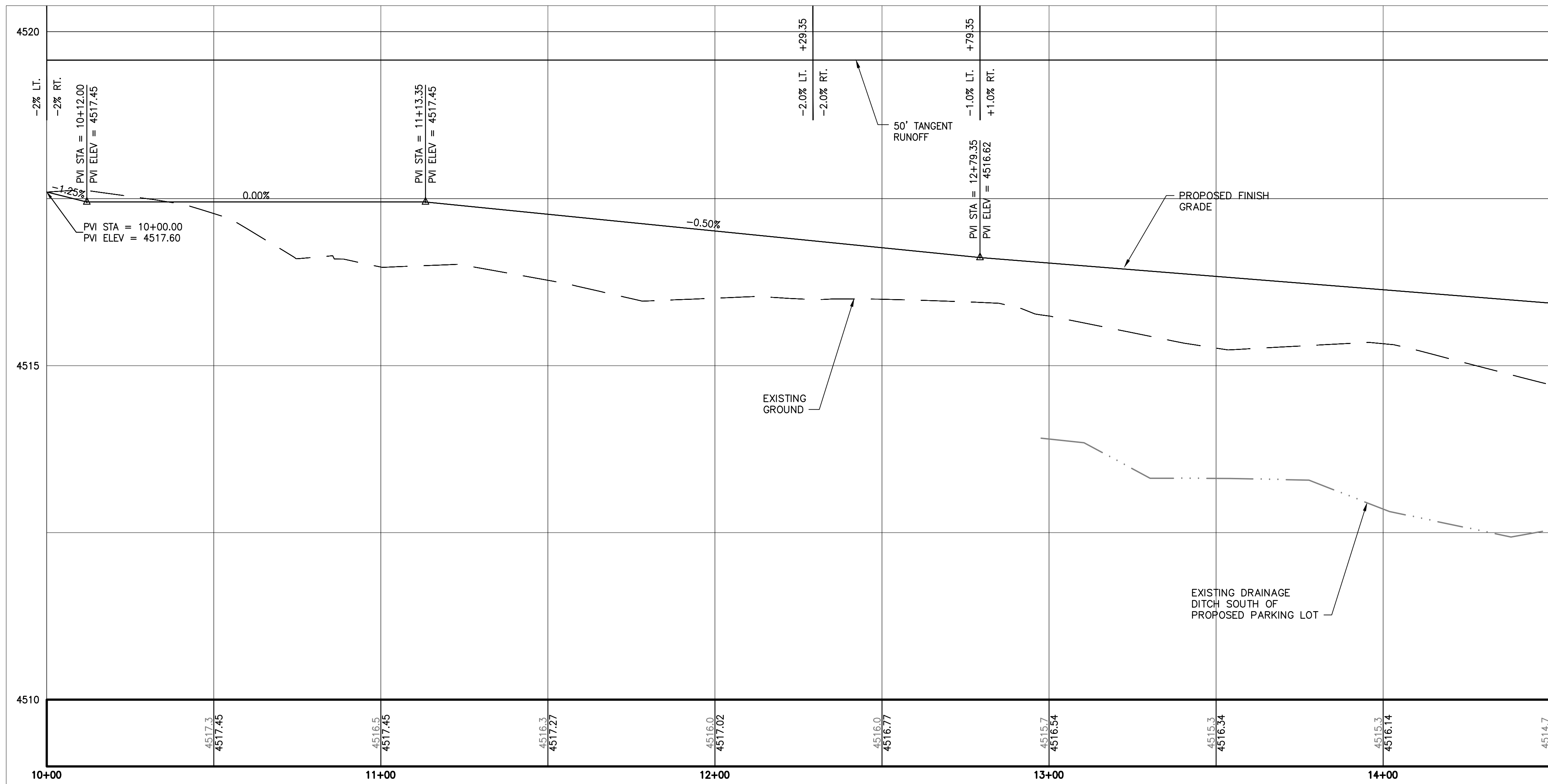
Project Number	204256670
File Name	01587_GERP_SP.DWG
Revision	Sheet

V:\1817\civil\1817\GP_Civil\Drawings\Sheet\01857_GBP_Civil.dwg
 2021/02/11 10:13 AM By: Pfringer, J.P.



FIN. GRADE CONTOUR INTERVAL = 0.5'
 EX. GRADE CONTOUR INTERVAL = 1.0'

LEGEND:
 EXISTING 1/5' CONTOURS
 DESIGN 0.5'/1' CONTOURS



CUT/FILL QUANTITIES:
 CUT - 3794 CY
 FILL - 1161 CY
 NET - 2633 CY (CUT)

6995 Sierra Center Parkway
 Sparks, NV, 89511
 www.stantec.com

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any error or omission shall be reported to Stantec, without delay. The Copyright to all design and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Revision	By	App'd.	Y/M/MD
1	ISSUED FOR BIDDING	HZ	21.01.25
	ISSUED	YY	YY/MM/DD

Client/Project
 CITY OF SPARKS
 GOLDEN EAGLE REGIONAL PARK
 LITTLE LEAGUE PARKING LOT ADDITION
 Sparks, NV
 Title
GRADING PLAN

Permit Seal

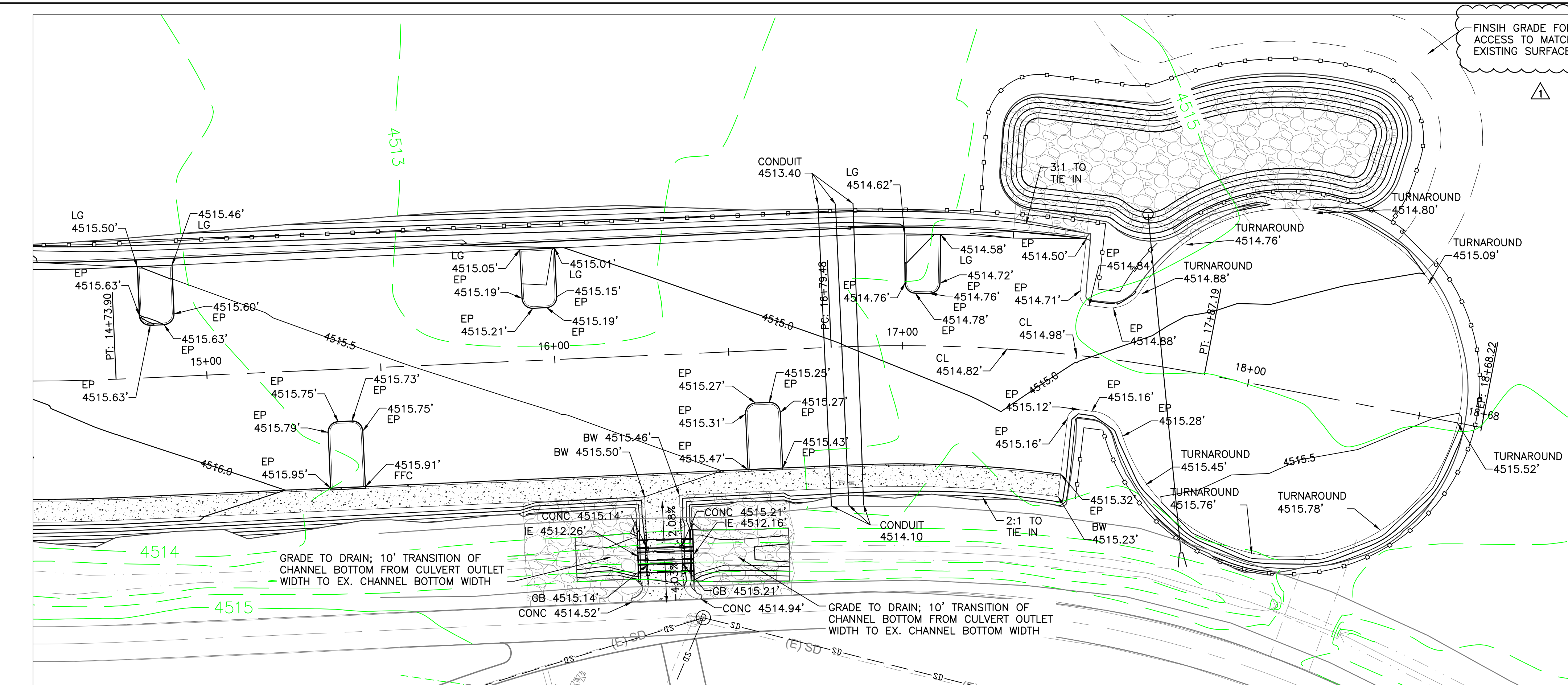
Project Number: 204256670
 File Name: 01587_GERP_GP.DWG

Hz	TM	CA	20.03.25
Dwn	Chkd.	Desgn.	YY/MM/DD

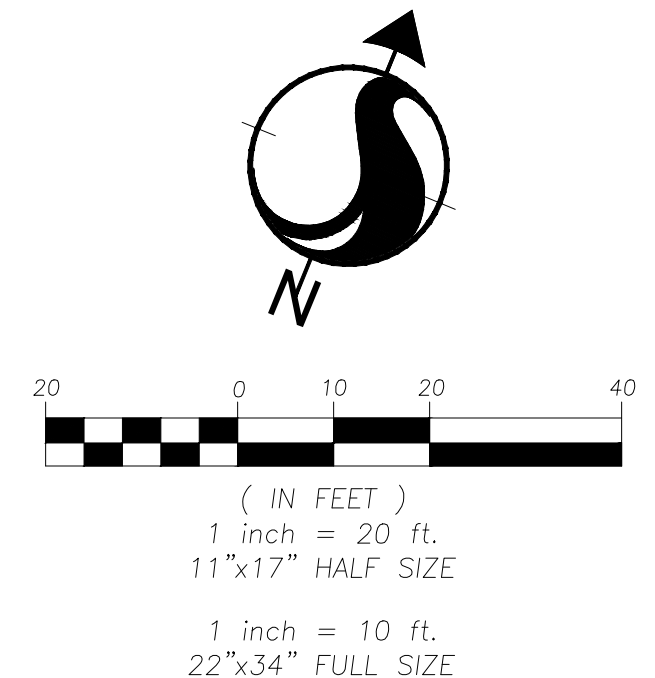
Drawing No. GP-1
 Revision Sheet

\\s1\proj\civil\1815\GP-2\withdrawing\sheet\01857_GBP_GP.dwg
2021/02/11 11:13 AM By: PRR/ghp

ORIGINAL SHEET - ANSI D



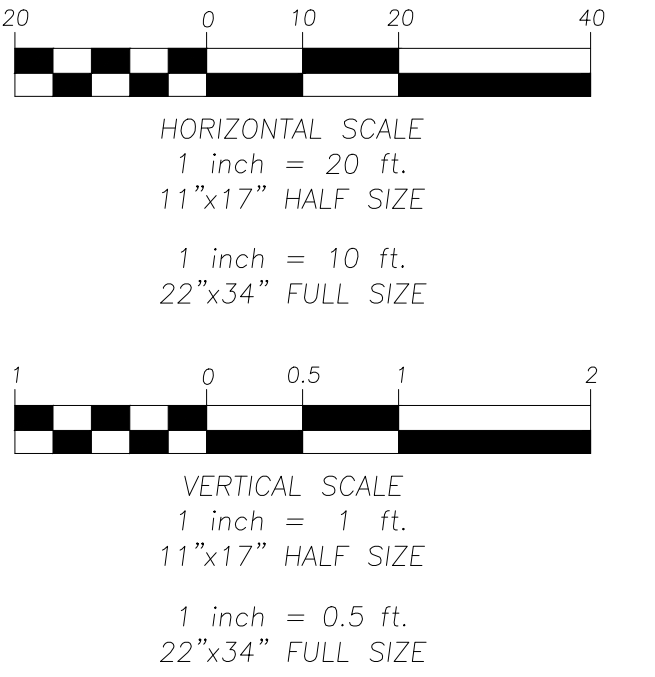
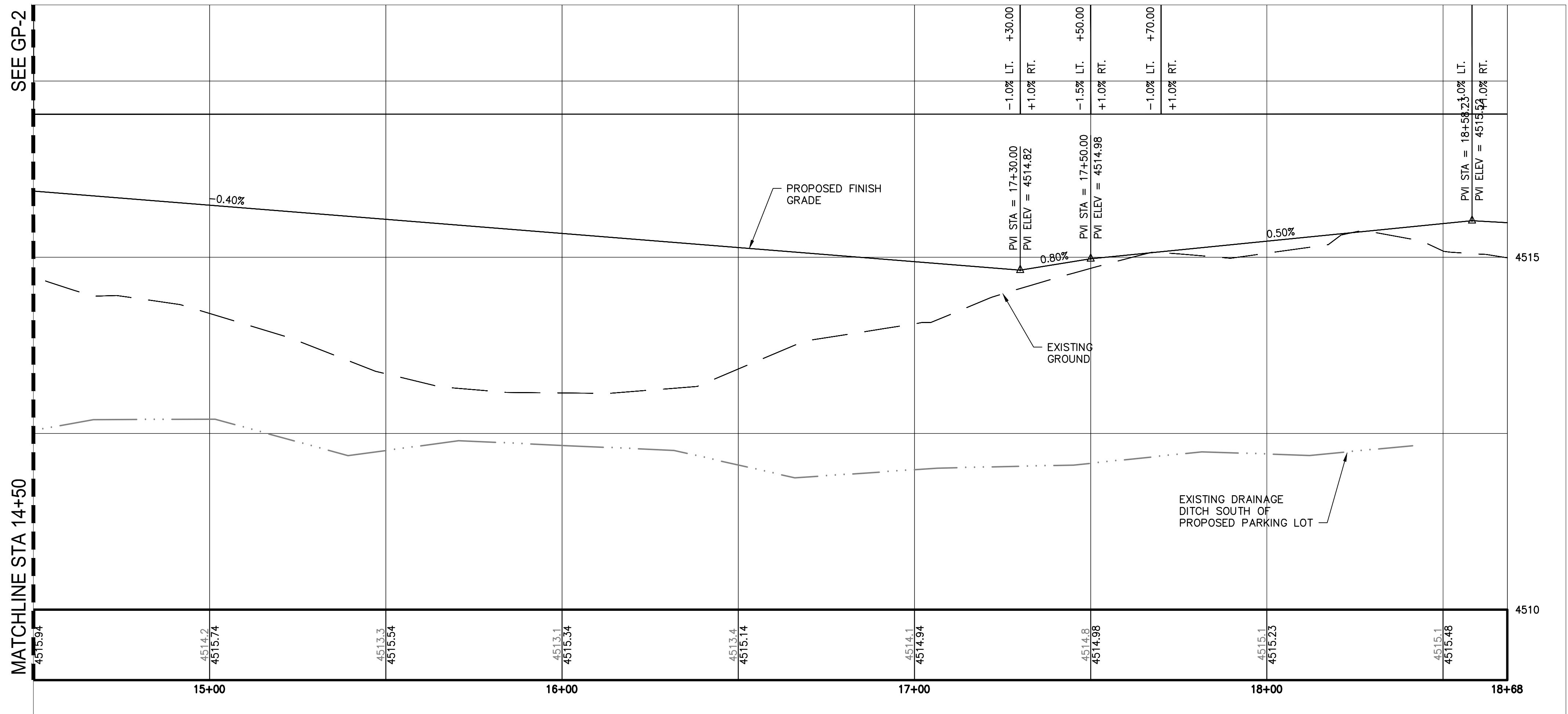
FINISH GRADE FOR ACCESS TO MATCH EXISTING SURFACE



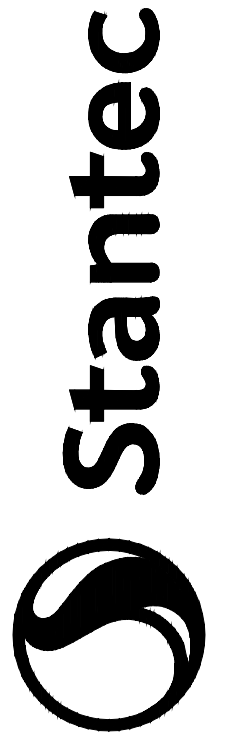
FIN. GRADE CONTOUR INTERVAL = 0.5'
EX. GRADE CONTOUR INTERVAL = 1.0'

LEGEND:

- EXISTING 1'/5' CONTOURS
- DESIGN 0.5'/1' CONTOURS



CUT/FILL QUANTITIES:
CUT - 3794 CY
FILL - 1161 CY
NET - 2633 CY (CUT)



6995 Sierra Center Parkway
Sparks, NV, 89511
www.stantec.com
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec, without delay. The Copyright to all design and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Revision	By	App'd	Y/M/D
1. Add maintenance access	JP	TM	2020/22
1. ISSUED FOR BIDDING	HZ	JP	21.01.25
ISSUED	By	App'd	Y/M/D

SEE GP-2

MATCHLINE STA 14+50

Client/Project
CITY OF SPARKS
GOLDEN EAGLE REGIONAL PARK
LITTLE LEAGUE PARKING LOT ADDITION
Sparks, NV
Title
GRADING PLAN



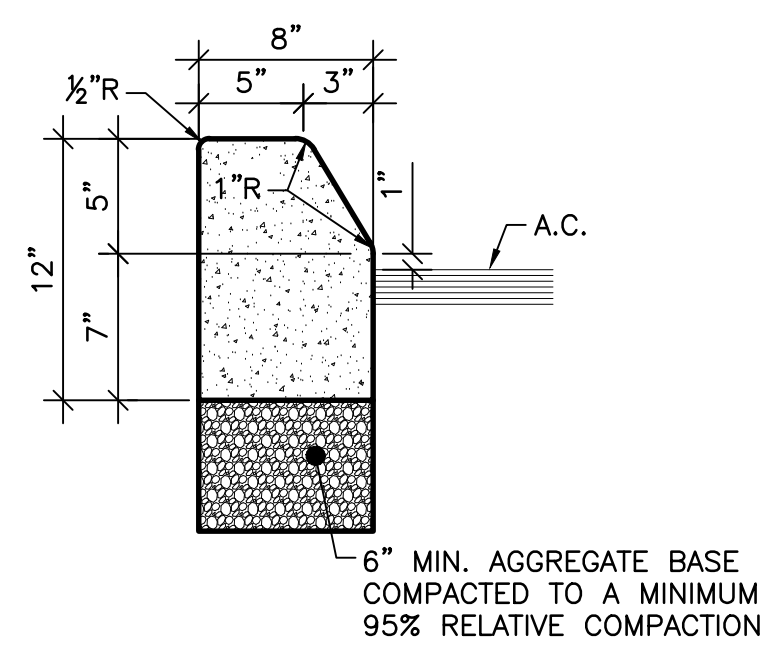
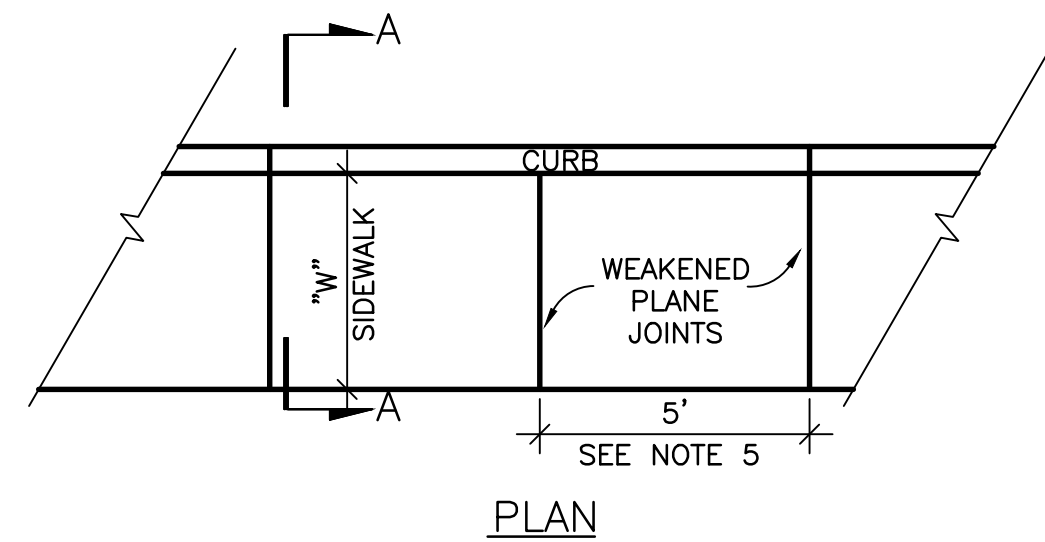
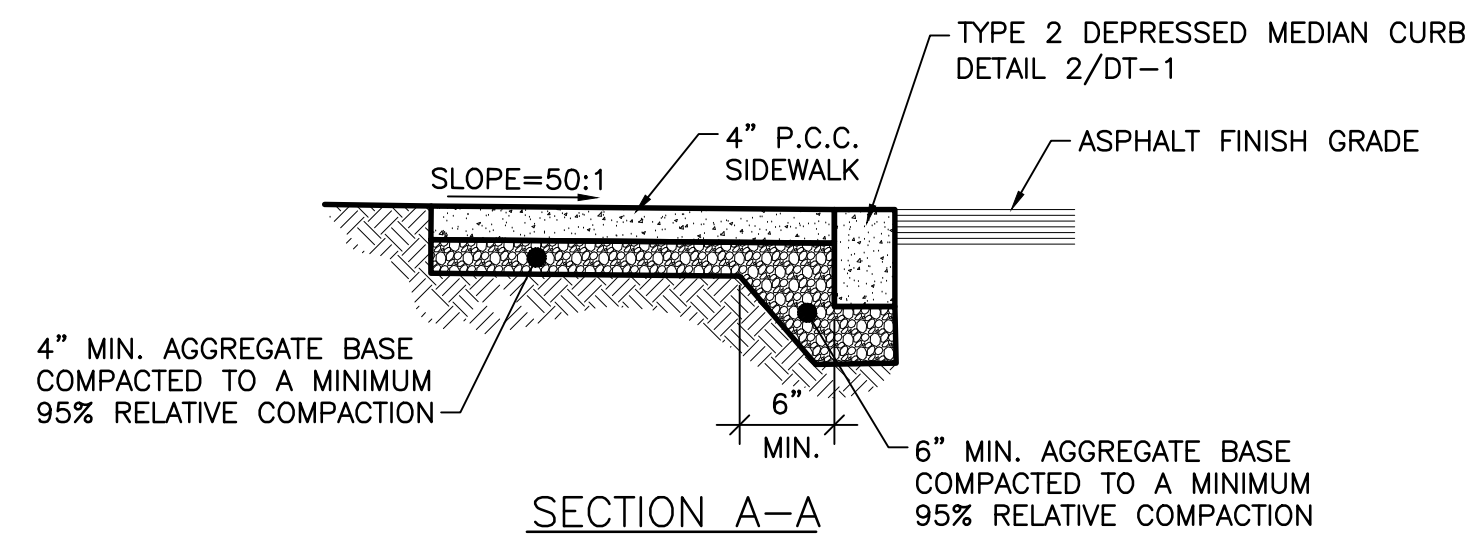
Project Number: 204256670

File Name: 01587_GERP_GP.DWG

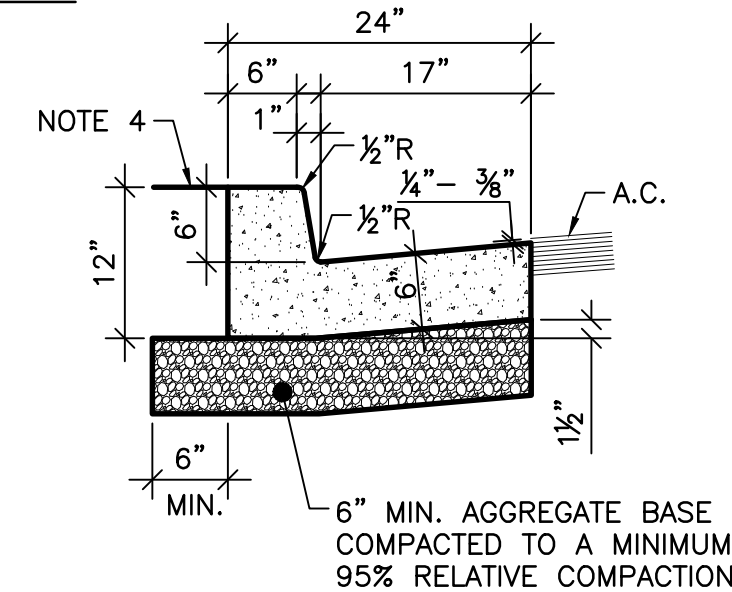
Project Number: 204256670

Drawing No. GP-2

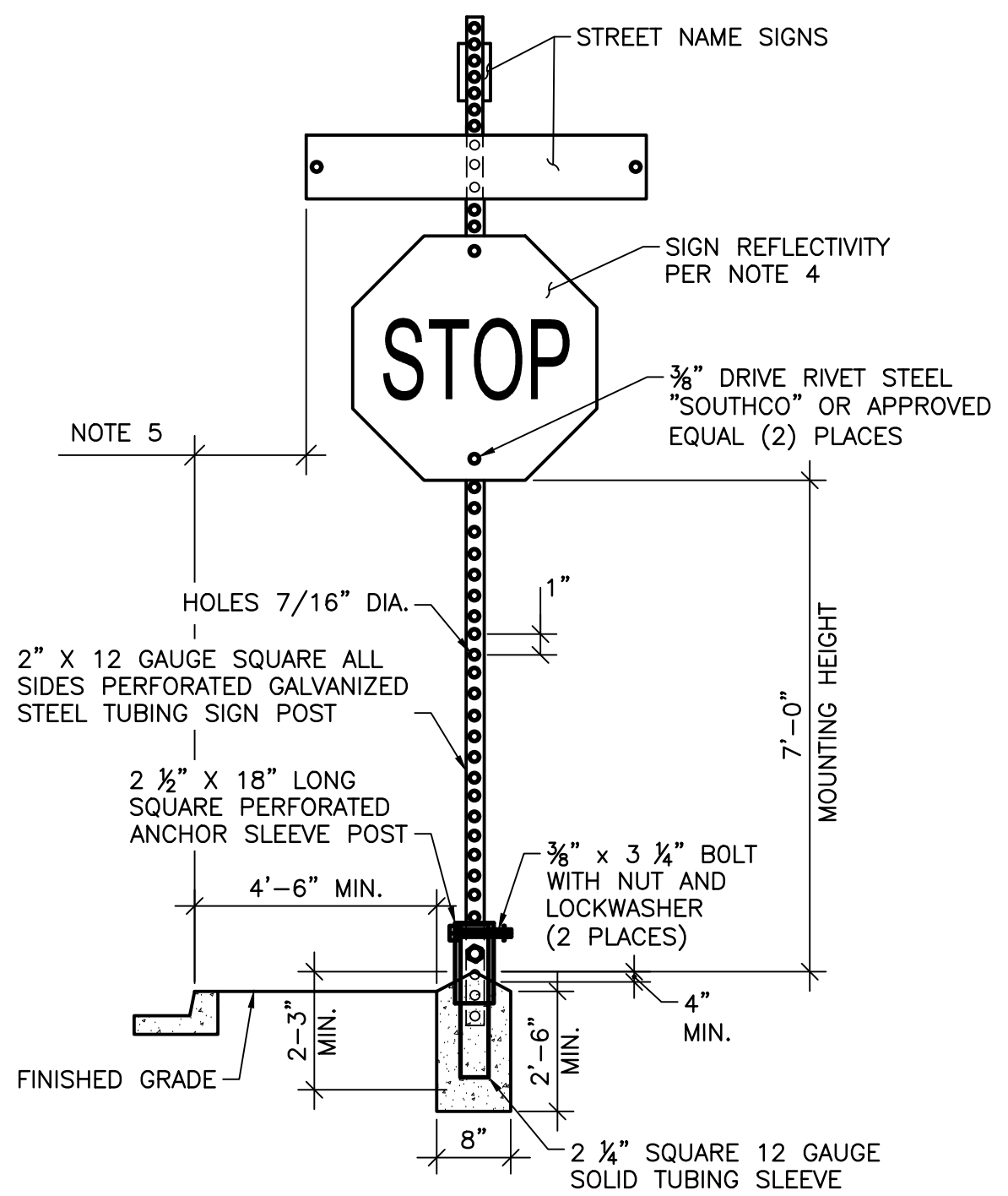
Revision Sheet



TYPE 2 P.C.C. MEDIAN CURB



TYPE 1 CURB & GUTTER

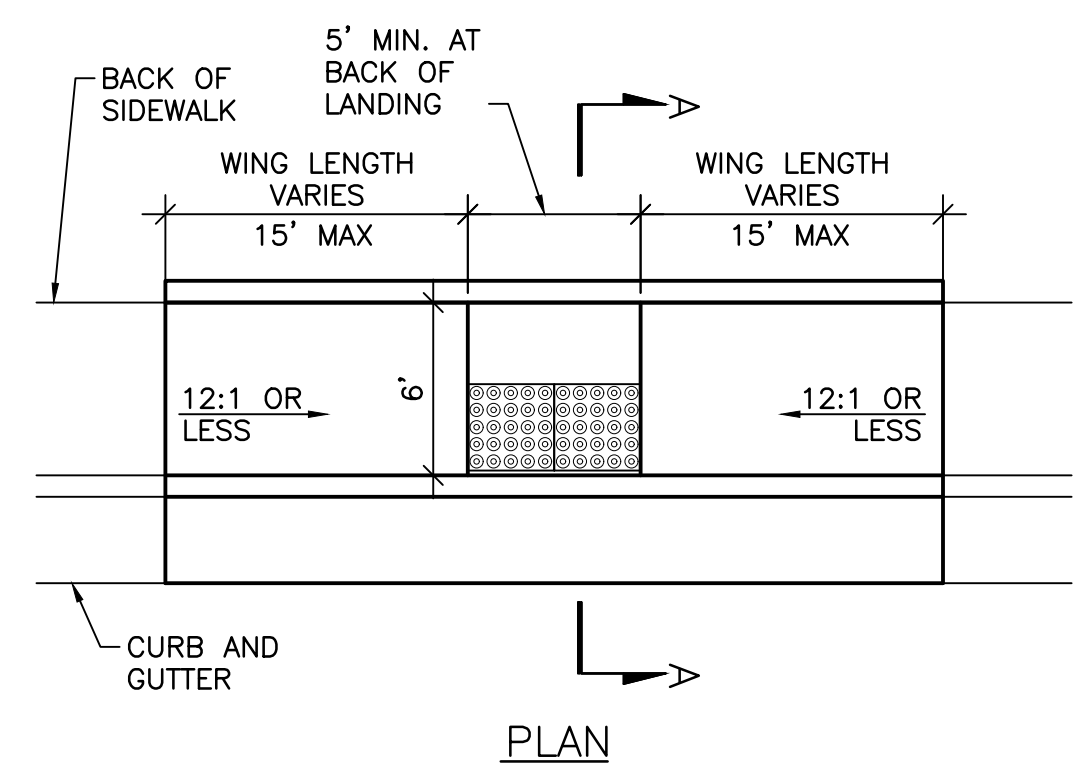


- NOTES:**
- SIGN MATERIALS, CONSTRUCTION AND PLACEMENT SHALL BE IN CONFORMANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
 - ON STREETS WHERE CURBING DOES NOT EXIST, SET SIGN 6' MINIMUM FROM PAVEMENT EDGE.
 - CONCRETE BASE SHALL BE LOCATED AT BACK OF SIDEWALK, UNLESS OTHERWISE DIRECTED BY THE CITY ENGINEER.
 - ALL REGULATORY SIGNS SHALL BE 3M DIAMOND GRADE (DG3) WITH A 3M CLEAR TRANSPARENT OVERLAY #1170 OR APPROVED EQUAL.
 - 2 FOOT MINIMUM FROM EDGE OF SIGN TO FACE OF CURB IN RESIDENTIAL, COMMERCIAL OR BUSINESS AREAS.
 - APPLY THIS DETAIL TO HANDICAP (D9-6), VAN ACCESSIBLE (D9-6P), AND YIELD SIGNS UNLESS OTHERWISE DETAILED BY MANUFACTURER.

- NOTES:**
- SEE PEDESTRIAN RAMP NOTES (DETAIL 5/DT-1) FOR CONCRETE MIX.
 - AGGREGATE BASE MATERIAL UNDER SIDEWALKS SHALL BE TYPE 2, CLASS B CRUSHED AGGREGATE BASE. MATERIALS SHALL CONFORM TO SSPWC SECTION 200.
 - SIDEWALK WIDTH "W" SHALL BE 4 FT MIN. ON RESIDENTIAL STREETS AND 6 FT MIN. ON COLLECTOR AND ARTERIAL STREETS.
 - WEAKENED PLANE JOINTS SHALL BE CONSTRUCTED AT 5 FT INTERVALS AND ACCORDANCE WITH SECTION 312 OF THE SSPWC.
 - ALL ADJACENT CONCRETE REMOVAL SHALL BE TO NEAT SAW CUT LINES AT RIGHT ANGLES TO NEW SIDEWALK. DOWEL INTO EXISTING ADJACENT CONCRETE SIDEWALK WITH A MINIMUM OF TWO (2) No. 4 REINFORCEMENT BARS EQUALLY SPACED ACROSS WIDTH "W". DOWELS SHALL PENETRATE A MINIMUM OF 4" INTO EXISTING CONCRETE.
 - SIDEWALKS SHALL NOT BE POURED MONOLITHICALLY WITH CURBS.
 - COLOR CONCRETE AND PAVERS ARE NOT ALLOWED.
 - TUNNELING AND/OR BORING IS NOT ALLOWED.

- NOTES:**
- SEE PEDESTRIAN RAMP NOTES (DETAIL 5/DT-1) FOR CONCRETE MIX.
 - AGGREGATE BASE MATERIAL UNDER AND BEHIND CURB AND GUTTER SHALL BE TYPE 2, CLASS B CRUSHED AGGREGATE BASE. MATERIALS SHALL CONFORM TO SSPWC SECTION 200.
 - WEAKENED PLANE JOINTS SHALL BE EVERY 10 FEET AND LOCATED ON THE BACK, TOP AND FACE OF THE CURB AND THE TOP OF THE GUTTER PAN.
 - CURB & GUTTER SECTIONS SHALL BE PLACED SEPARATELY FROM SIDEWALK SECTIONS. WHEN SIDEWALK IS NOT REQUIRED DIRECTLY BEHIND THE CURB, BACKFILL TO TOP OF CURB FOR A HORIZONTAL DISTANCE OF 12" FROM BACK FACE OF CURB AND COMPACT TO 90% RELATIVE COMPACTION.
 - FOR REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER, MATCH EXISTING TYPE.

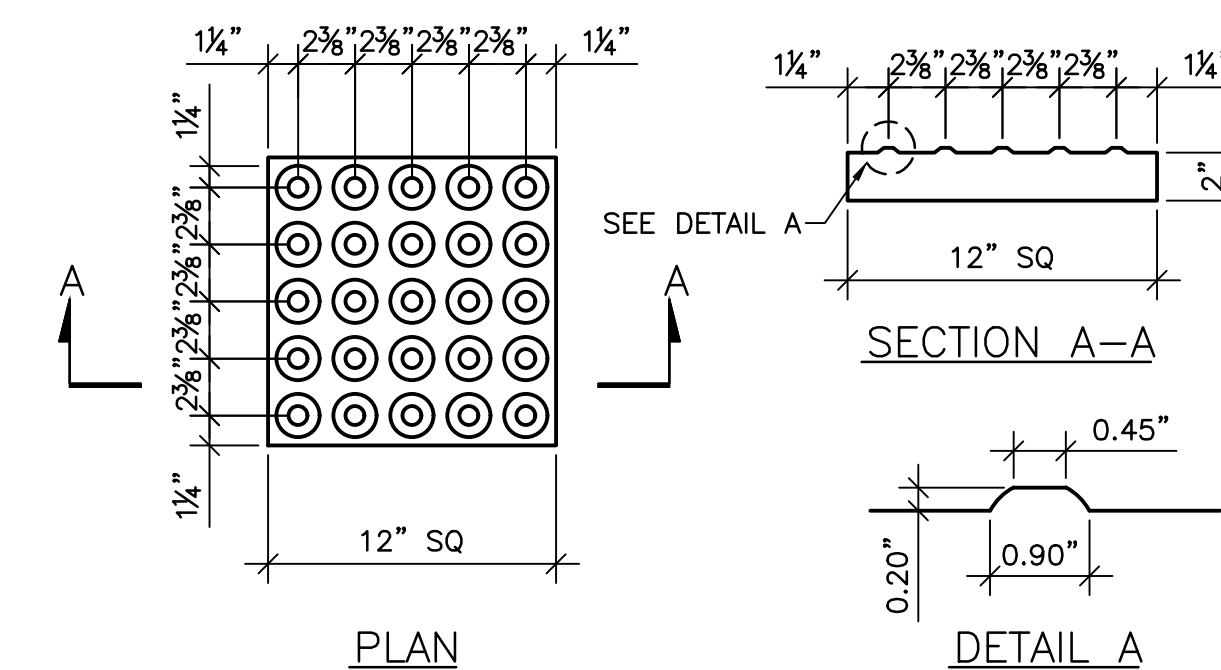
1 SIDEWALK
DT-1 NTS



2 MEDIAN CURB/CURB AND GUTTER
DT-1 NTS

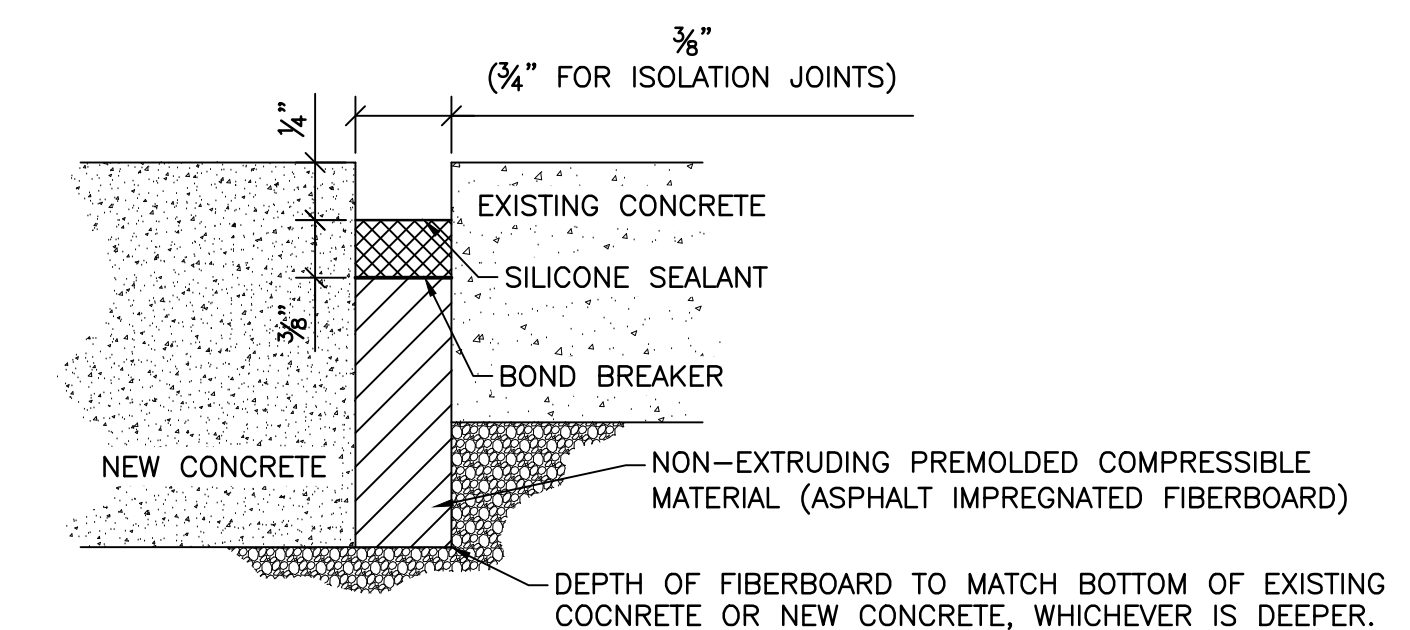
- STORM DRAIN INLETS OR SIMILAR ACCESSSES SHALL NOT BE LOCATED IN THE AREA AT THE BASE OF THE CURB RAMP OR LANDING AREA. IF OBSTRUCTIONS SUCH AS INLETS, UTILITY POLES, PULL BOXES, FIRE HYDRANTS, ETC. ARE ENCOUNTERED, THE LOCATION AND DIMENSIONS MAY BE ADJUSTED UPON APPROVAL OF THE ENGINEER.
- NO LIP SHALL BE PERMITTED AT THE CURB RAMP SLOPE TO GUTTER PAN.
- PLANTMIX BITUMINOUS SURFACE SHALL BE FLUSH WITH THE EDGE OF THE GUTTER PAN IN THE AREA OF THE CURB RAMP.
- ROUGH BROOM TEXTURE ON CURB RAMPS AND WINGS.
- DETECTABLE TRUNCATED DOMES SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS AND SHALL BE PLACED ON MIN. SIX (6") INCHES OF P.C.C.
- ALL SLOPE RATES ARE RELATIVE TO LEVEL AND SHALL COMPLY WITH THE PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG) STANDARDS, CURRENT VERSION.
- GUTTER SHALL MAINTAIN POSITIVE DRAINAGE TO PREVENT PONDING.
- DETECTABLE WARNING SHALL CONSIST OF PRECAST WETSET TILES WITH MIN. SIZE OF 2' X 2', COLOR DARK RED. APPROVED PRODUCTS INCLUDE: "ACCESS TILE", "TEKWAY DOME-TILES", "ADA SOLUTIONS", AND "TUFTILE". DETECTABLE WARNING SHALL BE CONSTRUCTED PER MANUFACTURER'S INSTALLATION GUIDELINES AND CONFORM TO PROWAG.
- CONCRETE REMOVAL SHALL BE TO NEAT SAW CUT LINES
- AGGREGATE BASE MATERIAL UNDER PEDESTRIAN RAMPS SHALL BE TYPE 2, CLASS B CRUSHED AGGREGATE BASE. MATERIALS SHALL CONFORM TO SSPWC SECTION 200.
- PORTLAND CEMENT CONCRETE (P.C.C.) SHALL HAVE THE FOLLOWING CHARACTERISTICS: 4000 PSI MIN. COMPRESSIVE STRENGTH AT 28 DAYS, MIN. 6 SACKS OF CEMENT PER CUBIC YARD WITH MAX. WATER-CEMENT RATIO OF 0.45, AIR ENTRAINMENT 6% ±1.5%, SLUMP AT 1 TO 4 INCHES. MIX DESIGN SHALL CONFORM TO THE REQUIREMENTS OF SECTION 337 OF STANDARD SPECIFICATIONS OF PUBLIC WORKS CONSTRUCTION (SSPWC). CEMENT SHALL BE TYPE II. ALL CEMENT CONCRETE SHALL HAVE A COARSE AGGREGATE GRADATION CONFORMING TO SIZE No. 67. ALL MATERIALS SHALL CONFORM TO SSPWC.
- CONTRACTORS SHALL CORRECT ANY GRADE CONFLICT WITH EXISTING BOXES. THE ENGINEER SHALL MAKE THE FINAL DETERMINATION REGARDING THE DEGREE OF MODIFICATIONS REQUIRED BY THE CONTRACTOR FOR GRADE CONFLICTS BETWEEN EXISTING BOXES AND NEW PEDESTRIAN RAMPS.
- SIDEWALK AT BOTH SIDES OF RAMP MAY BE RECONSTRUCTED TO MINIMIZE THE GRADE AT A HORIZONTAL DISTANCE TO BE DETERMINED IN THE FIELD, UPON APPROVAL OF THE ENGINEER, SUBJECT TO PROWAG REQUIREMENTS. CURB AT THE BACK OF WALK MAY BE NEEDED. A TRANSITION SECTION OF SIDEWALK MAY BE NECESSARY TO MATCH CROSS SLOPE OF EXISTING SIDEWALK TO PEDESTRIAN RAMP IMPROVEMENTS. TRANSITION SECTIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
- CONTRACTOR SHALL CONSTRUCT ROUNDED CURBS WHERE THEY INTERSECT. RADIUS SHALL BE 1 FT MINIMUM MEASURED FROM FACE OF CURB. CURBS THAT INTERSECT AT A POINT SHALL NOT BE ALLOWED.

3 TRAFFIC/PEDESTRIAN SIGN INSTALLATION
DT-1 NTS



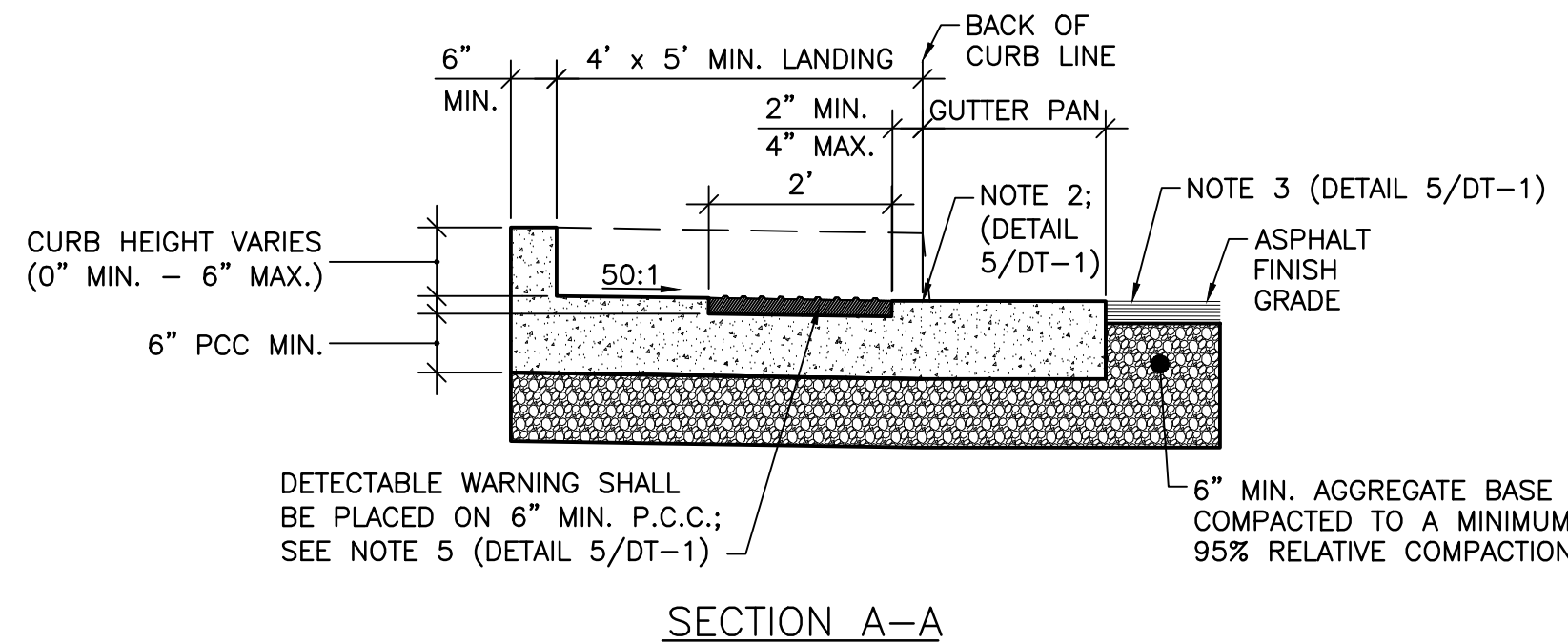
NOTE: FOR DETECTABLE TRUNCATED WARNING APPROVED MATERIALS PER NOTE 5 (DETAIL 5/DT-1)

6 DETECTABLE WARNING
DT-1 NTS



7 EXPANSION JOINT
DT-1 NTS

4 PEDESTRIAN RAMP MIDBLOCK - TYPE 1
DT-1 NTS



5 PEDESTRIAN RAMP NOTES
DT-1 NTS

Revision	By	Appd.	Y/M/DD
1	HZ	JP	21.01.25
			Y/M/DD

Client/Project
CITY OF SPARKS
GOLDEN EAGLE REGIONAL PARK
LITTLE LEAGUE PARKING LOT ADDITION
Sparks, NV
Title
CIVIL CONSTRUCTION DETAILS

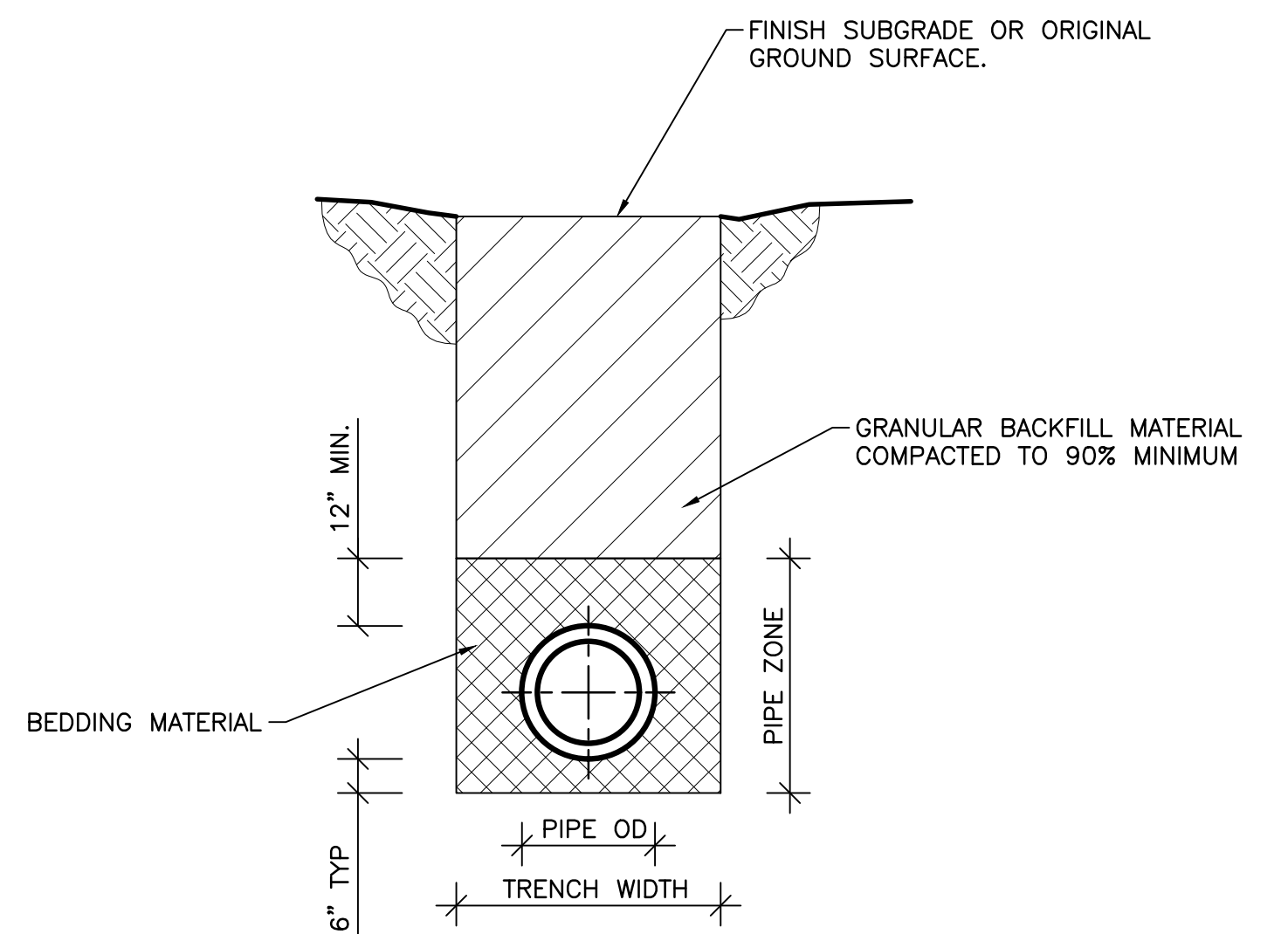


Permit Seal: 204256670

Project Number: 204256670
File Name: 01587_GERP_DT.DWG

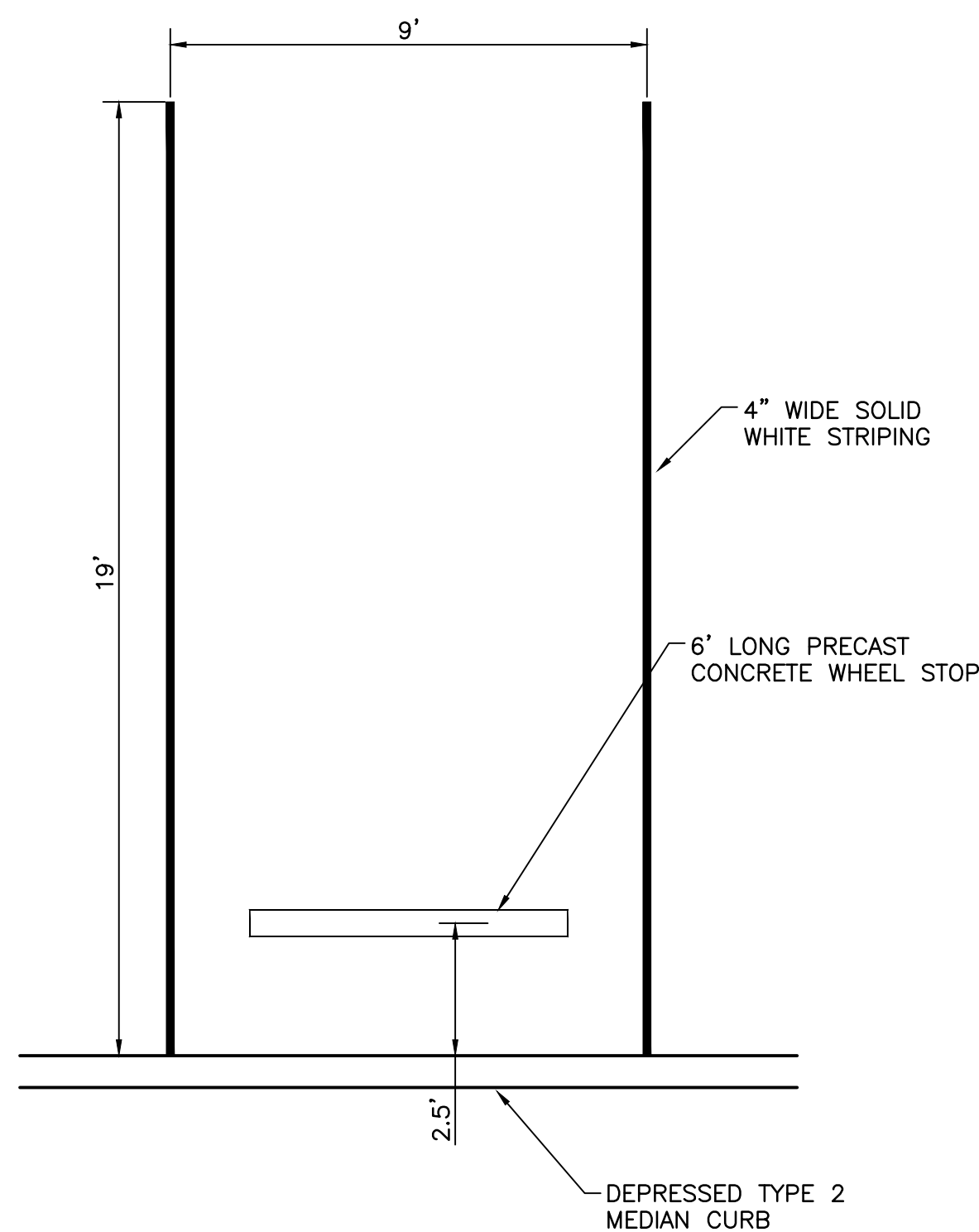
Hz	Tm	Ca	20.03.25
Dwn	Chkd	Dsgn	YYMMDD

Drawing No. DT-1
Revision Sheet

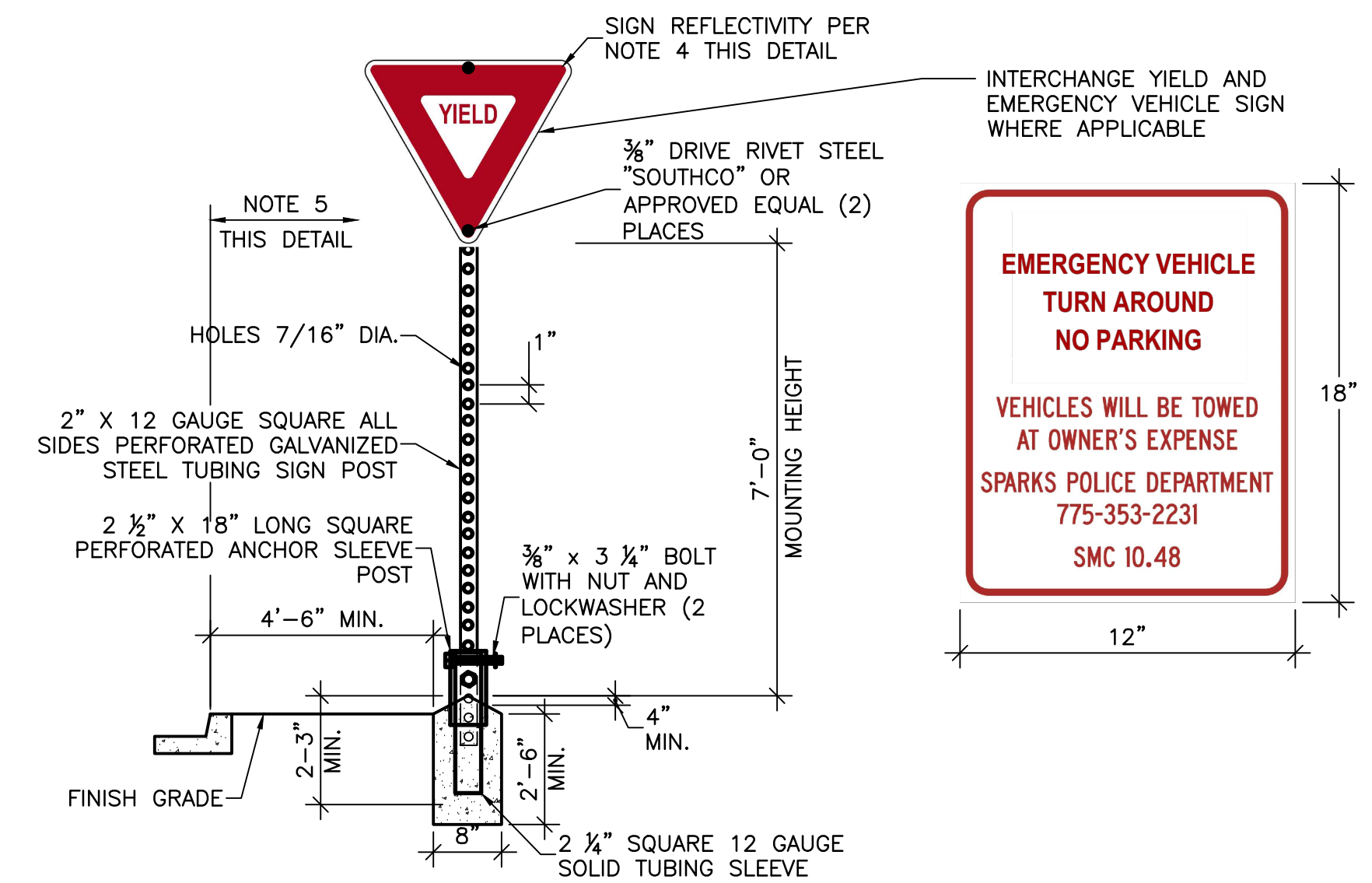


- NOTES:
1. ALL MATERIALS AND INSTALLATION SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION.
 2. BEDDING MATERIAL SHALL BE CLASS 'A', 'B', OR 'C'. COMPACTED TO 90% MINIMUM.
 3. ALL EXCAVATION SHALL CONFORM TO THE LATEST O.S.H.A. REQUIREMENTS. SHORING OR SLOPED CUT MAY BE NECESSARY.

1 TYPICAL CULVERT/OUTLET PIPE TRENCH
DT-2 NTS



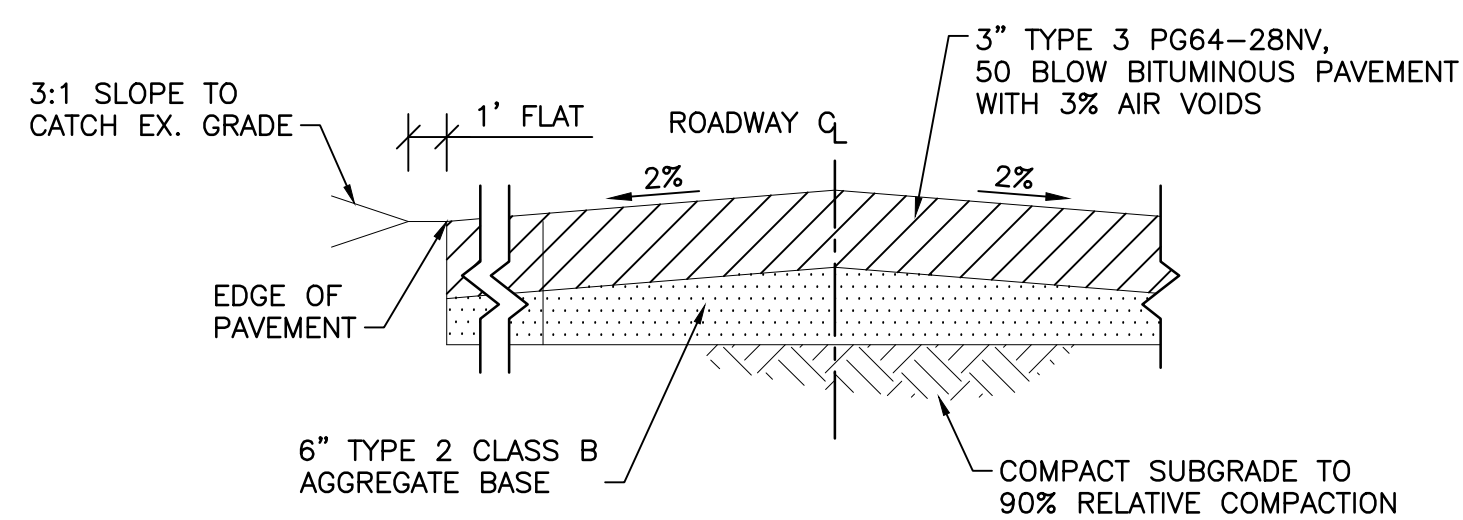
2 TYPICAL PARKING STALL
DT-2 NTS



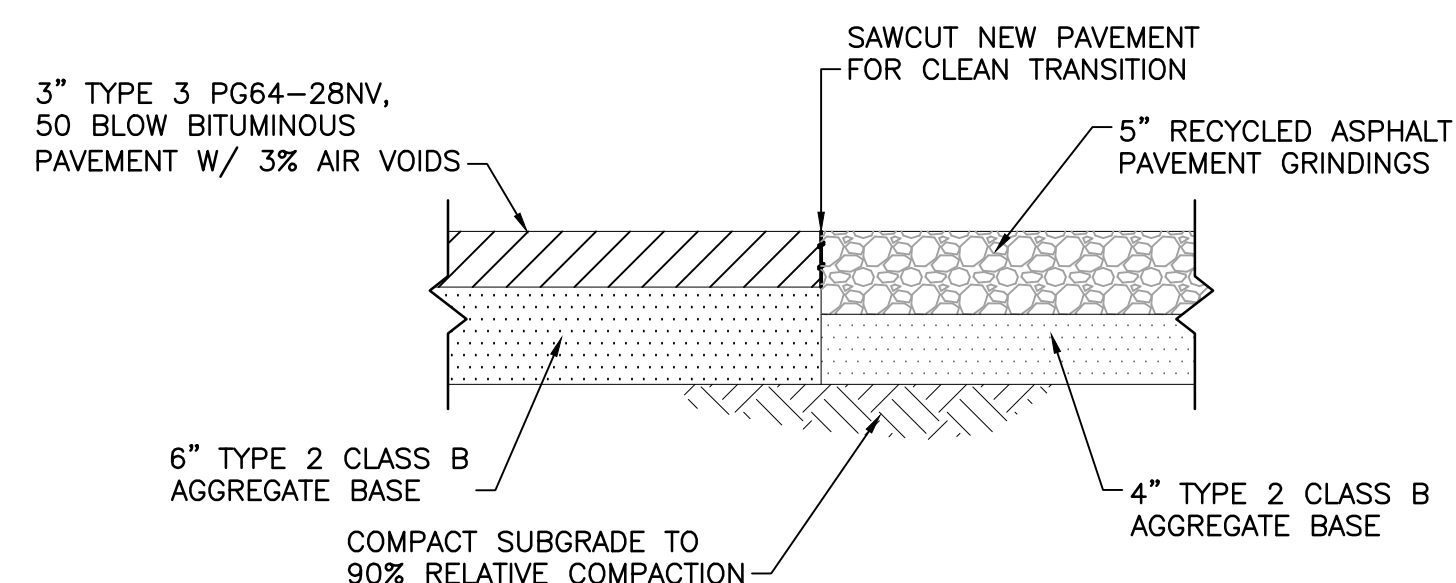
NOTES:

1. SIGN MATERIALS, CONSTRUCTION AND PLACEMENT SHALL BE IN CONFORMANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
2. ON STREETS WHERE CURBING DOES NOT EXIST, SET SIGN 6" MINIMUM FROM PAVEMENT EDGE.
3. CONCRETE BASE SHALL BE LOCATED AT BACK OF SIDEWALK, UNLESS OTHERWISE DIRECTED BY THE CITY ENGINEER.
4. ALL REGULATORY SIGNS SHALL BE 3M DIAMOND GRADE (DG3) WITH A 3M CLEAR TRANSPARENT OVERLAY #1170 OR APPROVED EQUAL.
5. 2 FOOT MINIMUM FROM EDGE OF SIGN TO FACE OF CURB IN RESIDENTIAL, COMMERCIAL OR BUSINESS AREAS.
6. APPLY THIS DETAIL TO HANDICAP ACCESSIBLE AND YIELD SIGNS UNLESS OTHERWISE DETAILED BY MANUFACTURER.

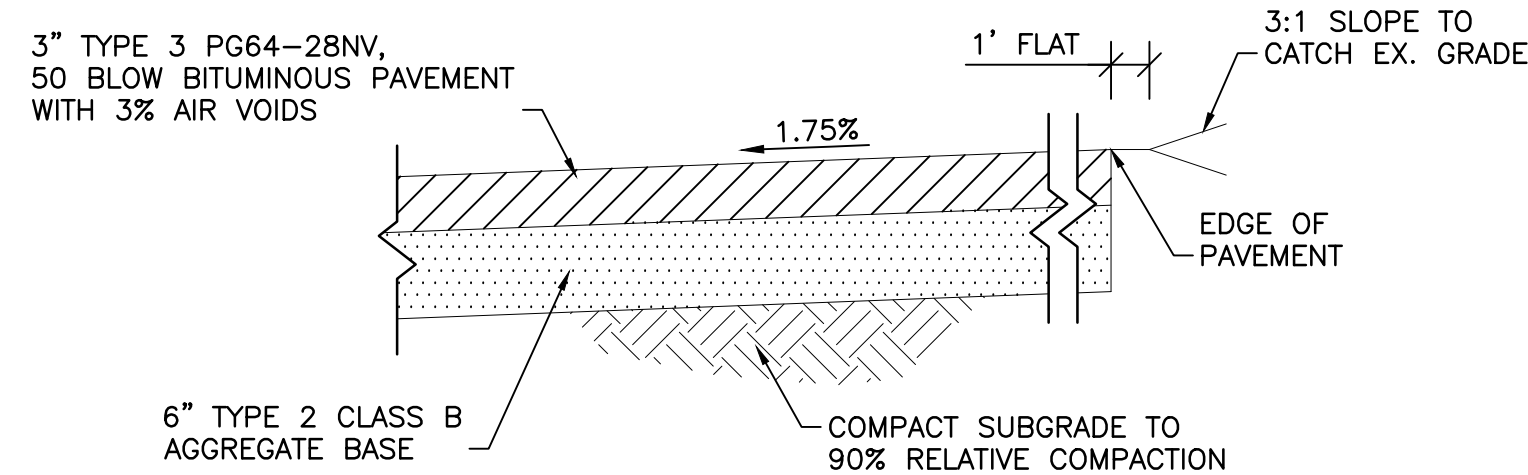
3 YIELD/EMERGENCY VEHICLE TURN AROUND SIGN INSTALLATION
DT-2 NTS



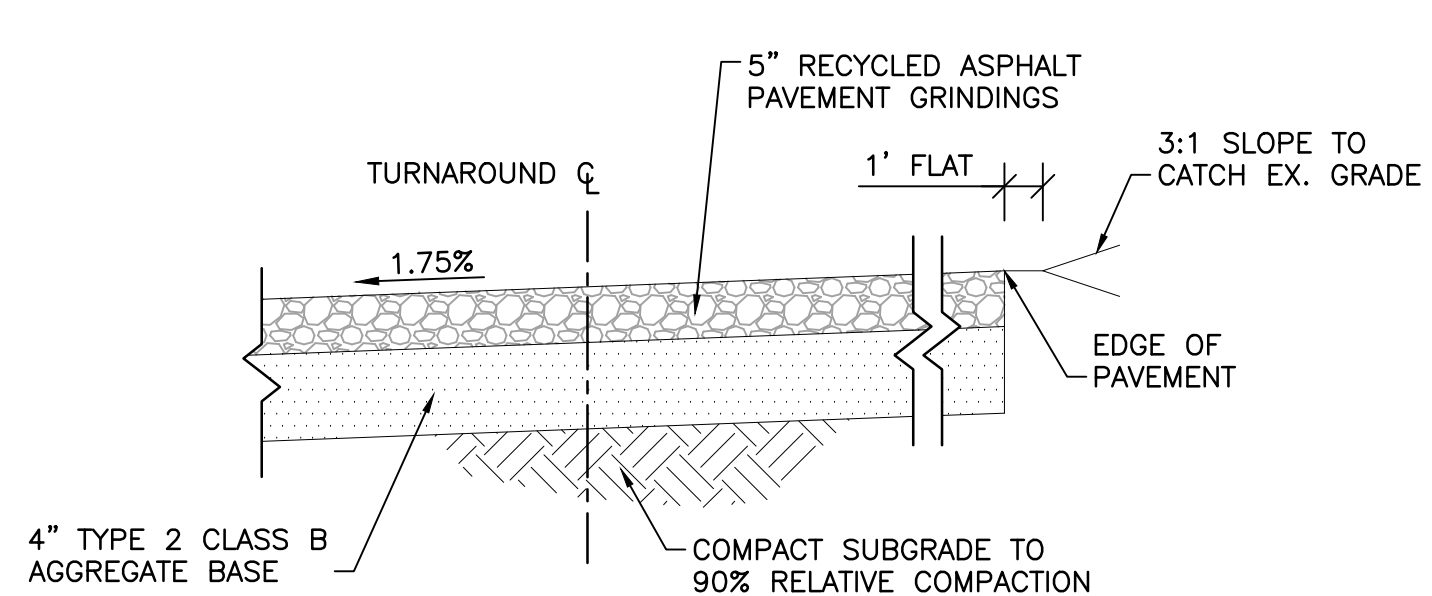
ACCESS ROAD PAVEMENT



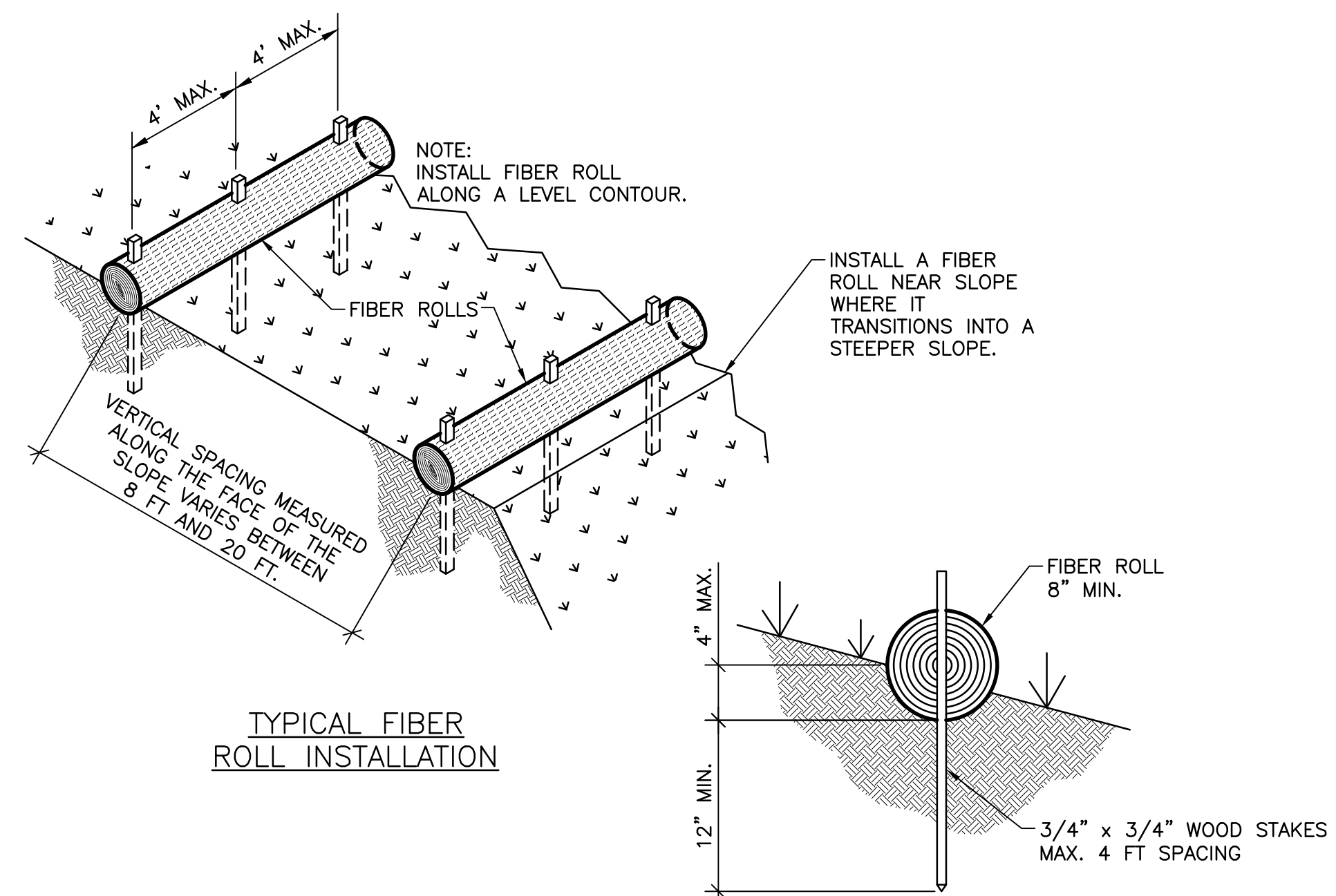
TRANSITION TO TURNAROUND PAVEMENT



PARKING LOT PAVEMENT



TURNAROUND PAVEMENT



TYPICAL FIBER ROLL INSTALLATION

ENTRENCHMENT DETAIL

4 PROPOSED PARKING LOT SECTIONS OF PAVEMENT
DT-2 NTS

5 PROPOSED TURNAROUND SECTIONS OF PAVEMENT
DT-2 NTS

6 FIBER ROLL DETAIL
DT-2 NTS

Revision	By	App'd.	Y/M/MD
1	HZ	JP	21.01.25
	By	App'd.	Y/M/MD

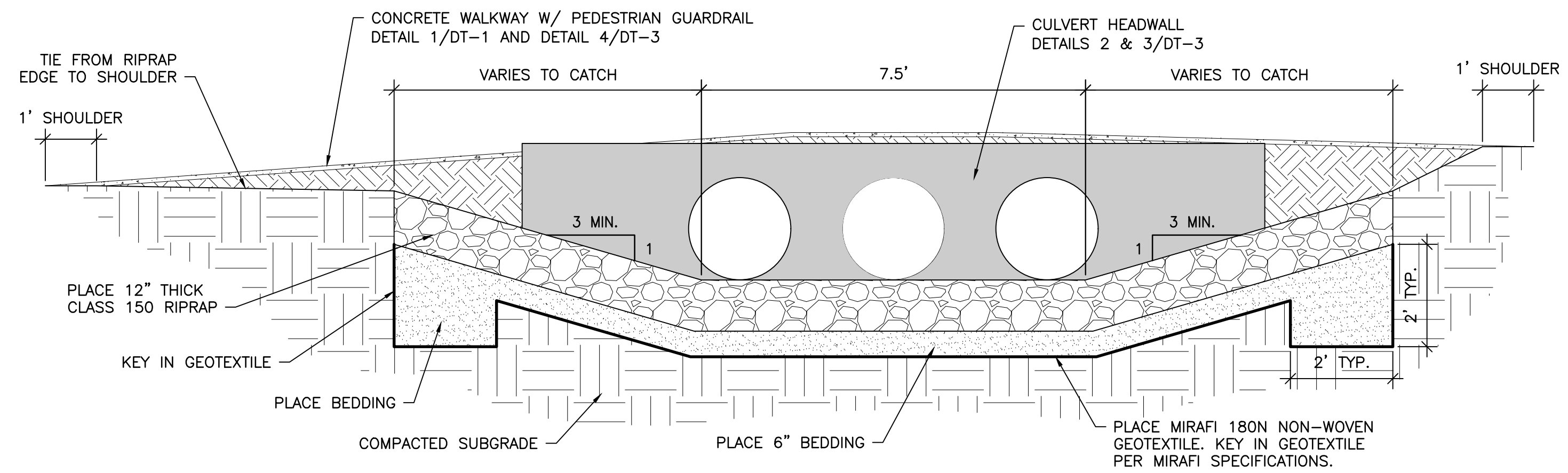
Client/Project
CITY OF SPARKS
GOLDEN EAGLE REGIONAL PARK
LITTLE LEAGUE PARKING LOT ADDITION
Sparks, NV
Title
CIVIL CONSTRUCTION DETAILS

Permit Seal
Professional Engineer - State of Nevada
Exp. 12 Dec 21
CIVIL
No. 20190
26 JAN 2021

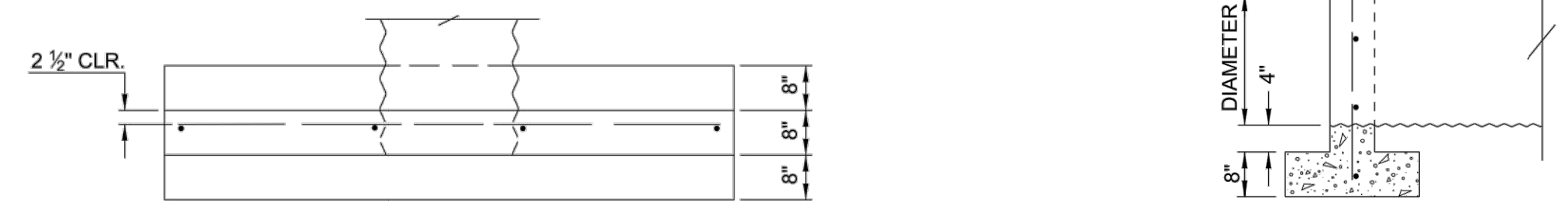
Project Number: 204256670
File Name: 01587_GERP_DT.DWG

Hz	TM	CA	20.03.25
Dwn	Chkd	Dsgn	YY/MM/DD

Drawing No. DT-2
Revision Sheet



1 SECTION VIEW AT CULVERT HEADWALL
DT-3 NTS



2 CULVERT HEADWALL (NDOT DS-16A)
DT-3 NTS
* REFERENCE NDOT DETAIL DS-16A

QUANTITIES SHOWN ARE FOR TWO HEADWALLS

CMP SIZE DIA.	CMAP S x R	CMP AREA SQ. FT.	L	SINGLE CMP								DOUBLE CMP							
				0° SKEW		15° SKEW		30° SKEW		45° SKEW		0° SKEW		15° SKEW		30° SKEW		45° SKEW	
				CONC. CU. YD.	STEEL LBS	CONC. CU. YD.	STEEL LBS	CONC. CU. YD.	STEEL LBS	CONC. CU. YD.	STEEL LBS	CONC. CU. YD.	STEEL LBS	CONC. CU. YD.	STEEL LBS	CONC. CU. YD.	STEEL LBS	CONC. CU. YD.	STEEL LBS
12"	-	0.79	3'-6"	0.85	35	0.93	37	0.94	37	0.99	39	1.21	46	1.30	49	1.35	50	1.49	53
15"	18" x 11"	1.23	4'-3"	1.09	48	1.19	50	1.21	51	1.27	52	1.51	61	1.62	64	1.68	65	1.85	69
18"	22" x 13"	1.77	5'	1.36	55	1.48	59	1.51	59	1.57	61	1.83	70	1.96	73	2.05	75	2.24	80
24"	29" x 18"	3.14	6'-6"	1.95	78	2.12	83	2.16	84	2.25	86	2.53	95	2.73	100	2.84	103	3.08	108
30"	36" x 22"	4.91	8'	2.61	105	2.85	111	2.90	112	3.01	115	3.39	126	3.65	132	3.79	135	4.11	142
36"	43" x 27"	7.07	9'-6"	3.36	122	3.66	129	3.72	131	3.86	134	4.34	147	4.68	155	4.85	158	5.25	167
42"	50" x 31"	9.62	11'	4.18	167	4.56	177	4.64	179	4.81	182	5.39	196	5.81	206	6.03	210	6.52	220

QUANTITIES SHOWN ARE FOR ONE HEADWALL

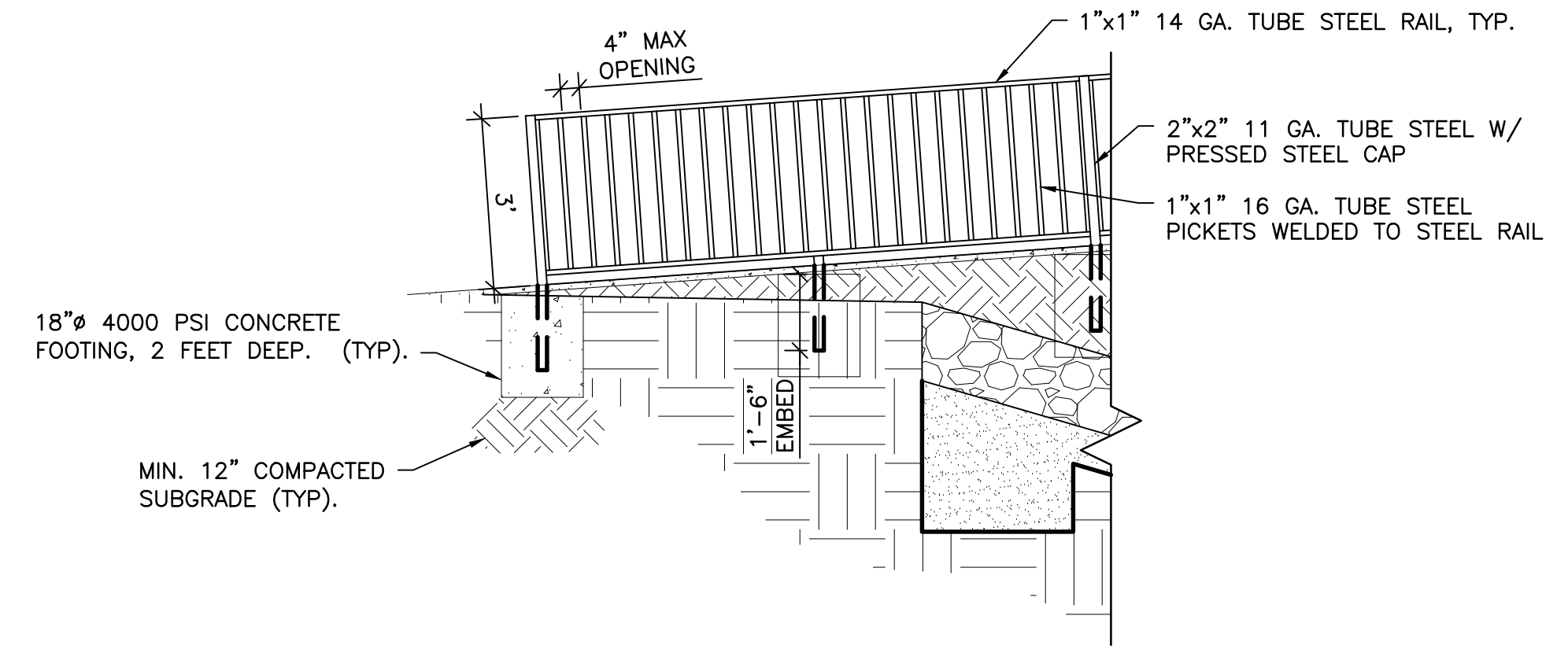
CMP SIZE	L	LENGTH OF REINFORCING BARS																											
		SINGLE CMP										SINGLE OR DOUBLE CMP																	
		0° - 45°		0°		15°		30°		45°		0°		15°		30°		45°		0° - 45°		0°		15°		30°		45°	
		No. 4	No. 5	No. 5	No. 5	No. 5	No. 4	No. 4	No. 4	No. 4	No. 4	No. 4	No. 4	No. 4	No. 4	No. 4	No. 4	No. 4	No. 4	No. 4	No. 5	No. 5	No. 5	No. 5	No. 5	No. 5	No. 5	No. 5	
12"	3'-6"	4 @ 2'-5"	2 @ 4'-3"	2 @ 4'-8"	2 @ 4'-9"	2 @ 5'	2 @ 1'-6"	1 @ 1'-4"	1 @ 2'	1 @ 1'-3"	1 @ 2'-1"	1 @ 1'	1 @ 2'-4"	5 @ 2'-5"	2 @ 6'-3"	2 @ 6'-9"	2 @ 7'-1"	2 @ 7'-10"											
15"	4'-3"	6 @ 2'-8"	2 @ 5'-3"	2 @ 5'-9"	2 @ 5'-11"	2 @ 6'-2"	2 @ 1'-8"	1 @ 1'-6"	1 @ 2'-2"	1 @ 1'-5"	1 @ 2'-3"	1 @ 1'-2"	1 @ 2'-6"	7 @ 2'-8"	2 @ 7'-6"	2 @ 8'-1"	2 @ 8'-6"	2 @ 9'-5"											
18"	5'	6 @ 2'-11"	2 @ 6'-3"	2 @ 6'-10"	2 @ 7'	2 @ 7'-4"	2 @ 2'-3"	1 @ 2'-1"	1 @ 2'-11"	1 @ 2'	1 @ 3'	1 @ 1'-9"	1 @ 3'-3"	7 @ 2'-11"	2 @ 8'-9"	2 @ 9'-5"	2 @ 9'-10"	2 @ 10'-11"											
24"	6'-6"	6 @ 3'-5"	2 @ 8'-3"	2 @ 9'	2 @ 9'-3"	2 @ 9'-9"	4 @ 3'	2 @ 2'-10"	2 @ 3'-9"	2 @ 2'-9"	2 @ 3'-10"	2 @ 2'-6"	2 @ 4'-1"	7 @ 3'-5"	2 @ 11'-3"	2 @ 12'-1"	2 @ 12'-8"	2 @ 14'											
30"	8'	8 @ 3'-11"	2 @ 10'-3"	2 @ 11'-2"	2 @ 11'-5"	2 @ 12'-1"	4 @ 3'-9"	2 @ 3'-7"	2 @ 4'-8"	2 @ 3'-6"	2 @ 4'-9"	2 @ 3'-3"	2 @ 5'	9 @ 3'-11"	2 @ 14'	2 @ 15'	2 @ 15'-9"	2 @ 17'-5"											
36"	9'-6"	8 @ 4'-5"	2 @ 12'-3"	2 @ 13'-4"	2 @ 13'-8"	2 @ 14'-5"	4 @ 4'-6"	2 @ 4'-4"	2 @ 5'-7"	2 @ 4'-3"	2 @ 5'-8"	2 @ 4'	2 @ 5'-11"	9 @ 4'-5"	2 @ 16'-9"	2 @ 18'	2 @ 18'-10"	2 @ 20'-10"											
42"	11'	10 @ 4'-11"	2 @ 14'-3"	2 @ 15'-6"	2 @ 15'-11"	2 @ 16'-10"	6 @ 5'-3"	3 @ 5'-1"	3 @ 6'-6"	3 @ 5'	3 @ 6'-7"	3 @ 4'-9"	3 @ 6'-10"	11 @ 4'-11"	2 @ 19'-6"	2 @ 20'-11"	2 @ 21'-11"	2 @ 24'-3"											

* REFERENCE NDOT DETAIL DS-16B

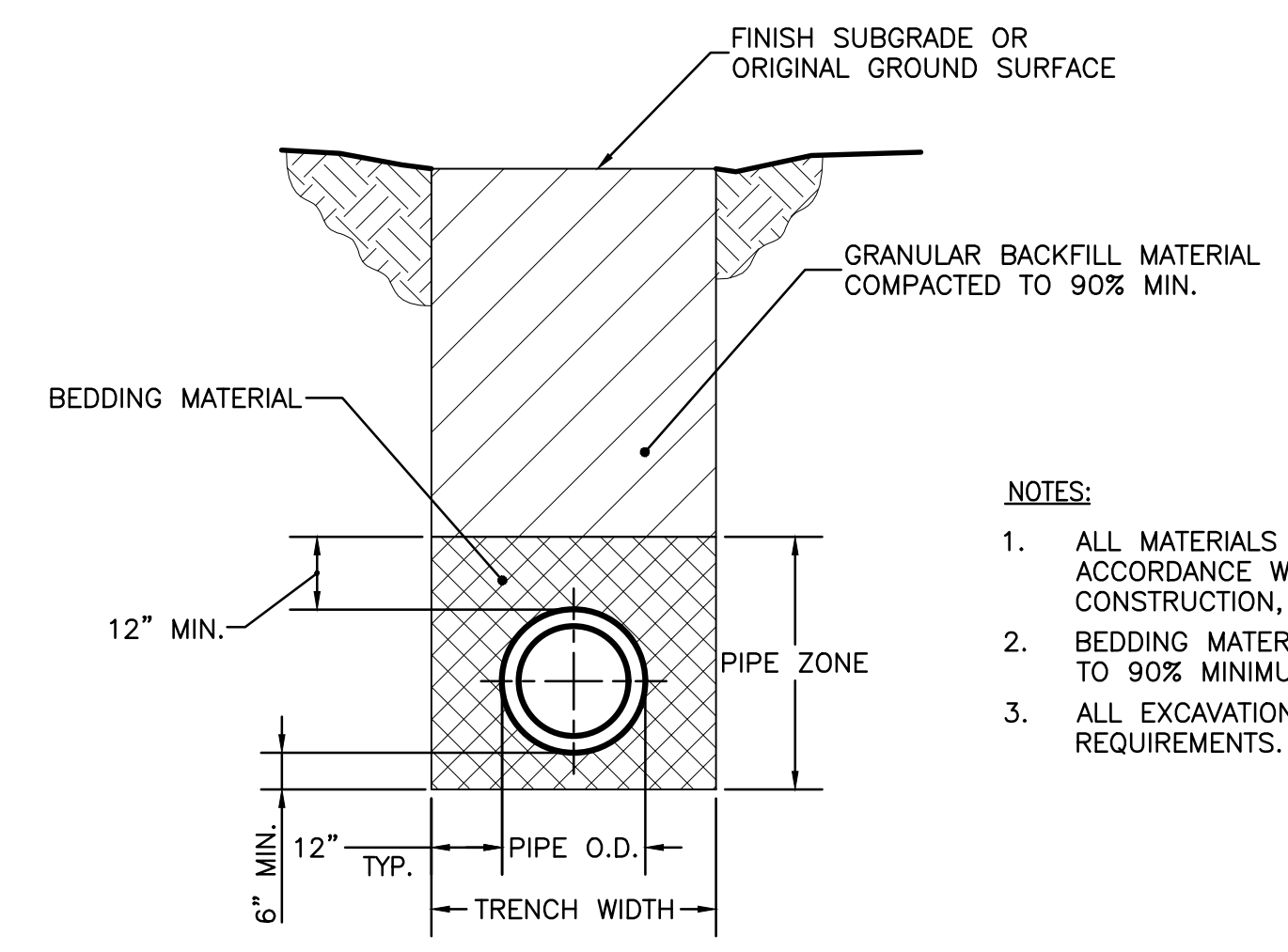
NOTES:

- Concrete shall be class A or AA.
- Reinforcing steel shall be deformed bars with maximum spacing of 18-inches set 2 1/2-inches clear of surface of concrete except as noted. Bar ends shall be kept 1 1/2-inches clear of surface of concrete. Reinforcing bars may be cut and bent in field.
- Footings shown are of minimum depth and shall be extended if soil is unsuitable or liable to scour.
- Culvert pipes to be set on a skew shall be mitered when headwalls are constructed. When headwalls are not constructed the pipes shall not be mitered except in overflow section.
- For estimating headwall quantities on skewed culverts: 0° to 10° - use quantities for 0° skew. 11° to 25° - use quantities for 15° skew. 26° to 40° - use quantities for 30° skew. 41° to 55° - use quantities for 45° skew. over 55° - calculate quantities required. Culverts should be installed on 5' increments where it is feasible.

3 CULVERT HEADWALL QUANTITIES & NOTES (NDOT DS-16B)
DT-3 NTS



4 PEDESTRIAN ACCESS GUARDRAIL
DT-3 NTS



5 PIPE TRENCH DETAIL
DT-3 NTS

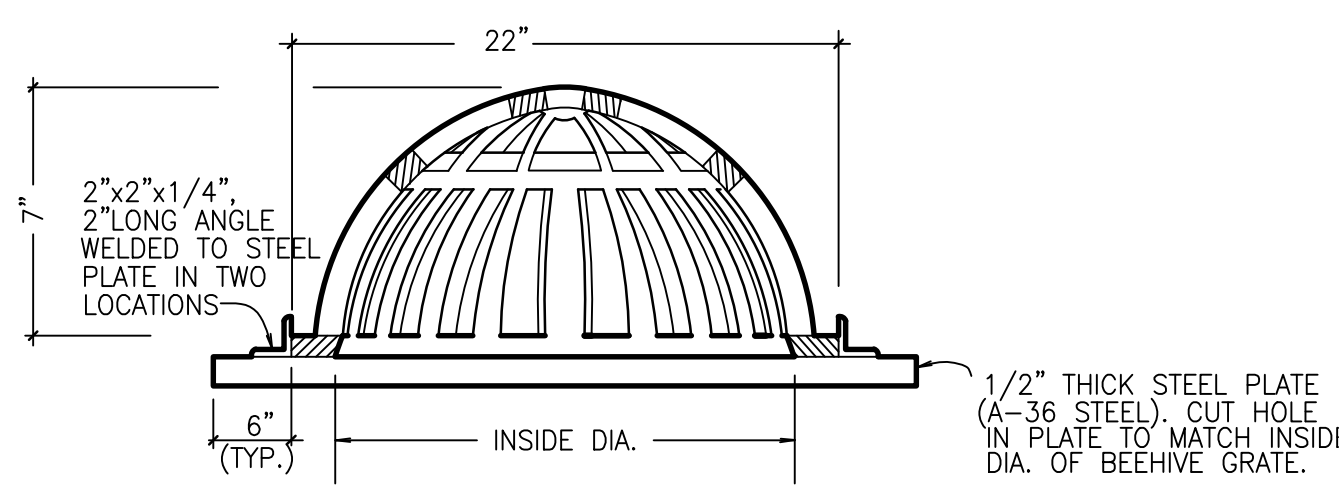
- NOTES:
- ALL MATERIALS AND INSTALLATION PROCEDURES SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST REVISION.
 - BEDDING MATERIAL SHALL BE CLASS "A", "B", OR "C", COMPACTED TO 90% MINIMUM.
 - ALL EXCAVATIONS SHALL CONFORM TO THE LATEST O.S.H.A. REQUIREMENTS. SHORING OR SLOPED CUT MAY BE NECESSARY.

Revision	By	Appd.	Y/M/DO
1	YJ	YJ	MM/DD

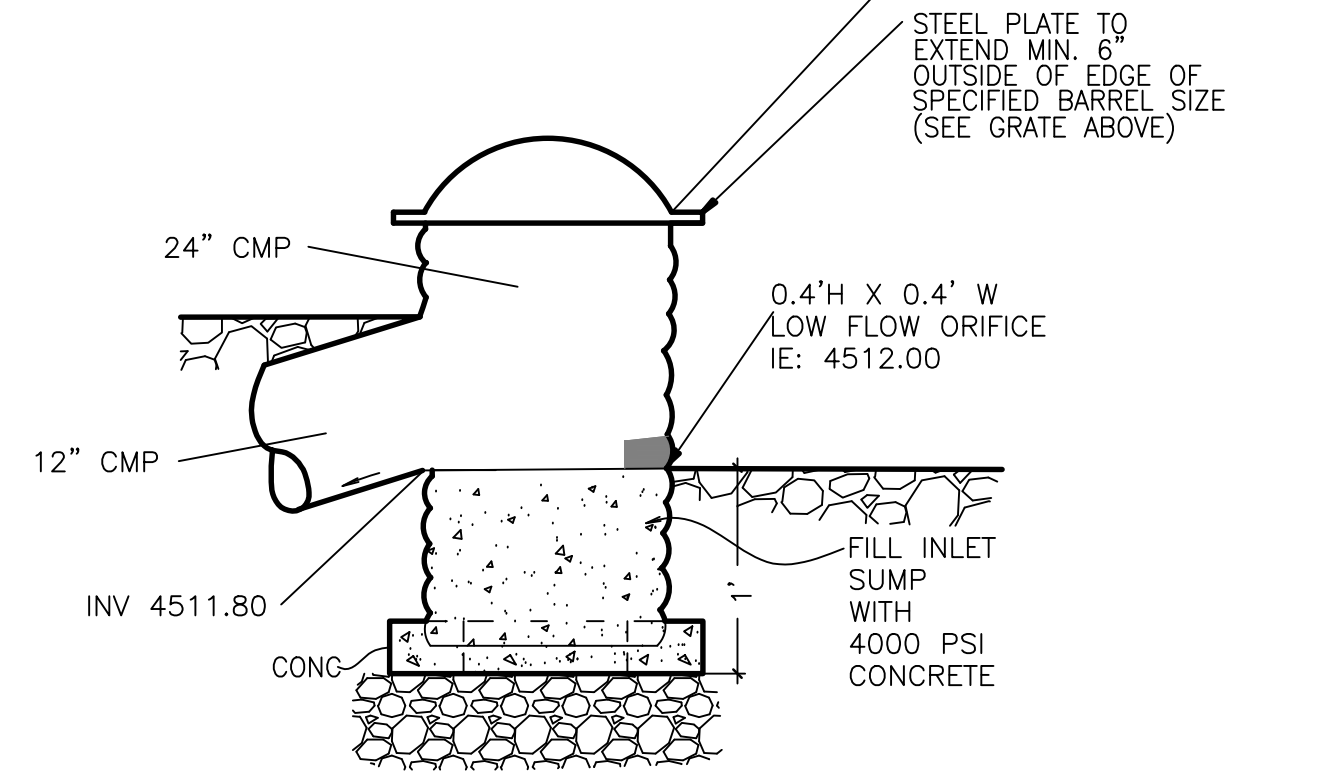


Permit Seal

Project Number:	204256670		
File Name:	01587_GERP_DT.DWG		
Hz	TM	CA	20.03.25
Dwn	Chkd	Dsgn	YJ/MM/DD
Drawing No.	DT-3	Revision	Sheet



NOTE: OUTLET PIPE & BARREL SIZES TO BE DETERMINED BY ENGR. NOT FOR USE WITHIN ROADWAY SEC.



1 STORM DRAIN BEEHIVE OUTLET
DT-4 NTS

200.07.04 LOOSE RIPRAP GRADING AND QUALITY REQUIREMENTS BY SIZE. Loose stone for riprap designated by size shall conform to the requirements of Tables 200.07.04-I and 200.07.04-II.

TABLE 200.07.04-I

Percentage by Mass Passing Sieve	Sieve Size (Inches)					
	Class 150	Class 300	Class 400	Class 550	Class 700	Class 900
100	10	20	30	40	48	60
70-85	9	18	27	35	45	54
30-50	6	12	18	24	30	35
5-15	2	5	7	12	18	24
0	1	2	3	6	8	12
D ₅₀ (1)	6	12	16	22	28	35

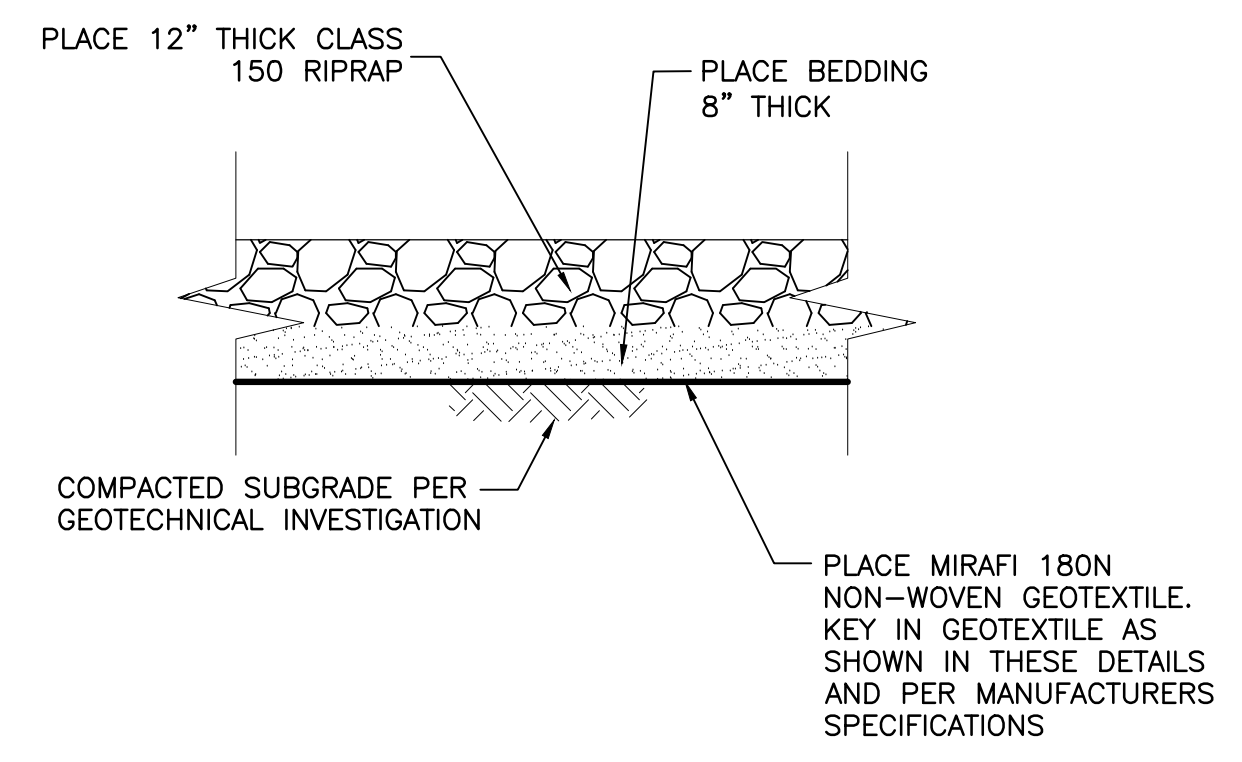
1. Mean Stone Size

200.07.05 RIPRAP BEDDING GRADING AND QUALITY REQUIREMENTS. Aggregates for riprap bedding shall conform to the requirements of Tables 200.07.05-I and 200.07.05-II.

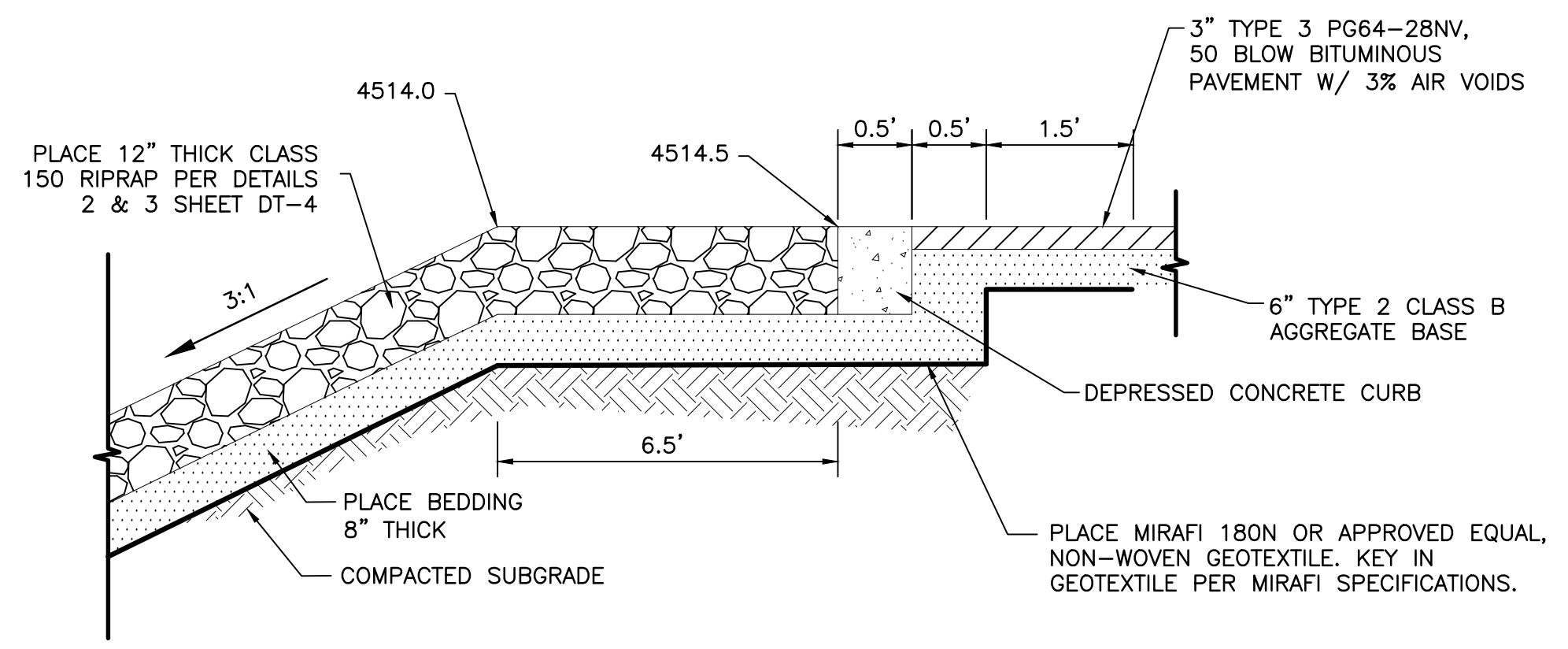
TABLE 200.07.05-I

Sieve Size	Percentage by Weight Passing Sieve			
	Class 150	Class 300/400	Class 550/700	Class 900
20 inch				100
18 inch				70-85
12 inch				35-50
10 inch			100	
9 inch			70-85	
6 inch		100	35-50	
5 inch		70-85		5-15
3 inch		35-50		
2 inch			5-15	0
1 inch	100	5-15	0	
3/8 inch	70-85			
1/2 inch		0		
3/8 inch	35-50			
1/4 inch	5-15			
No. 4	0			

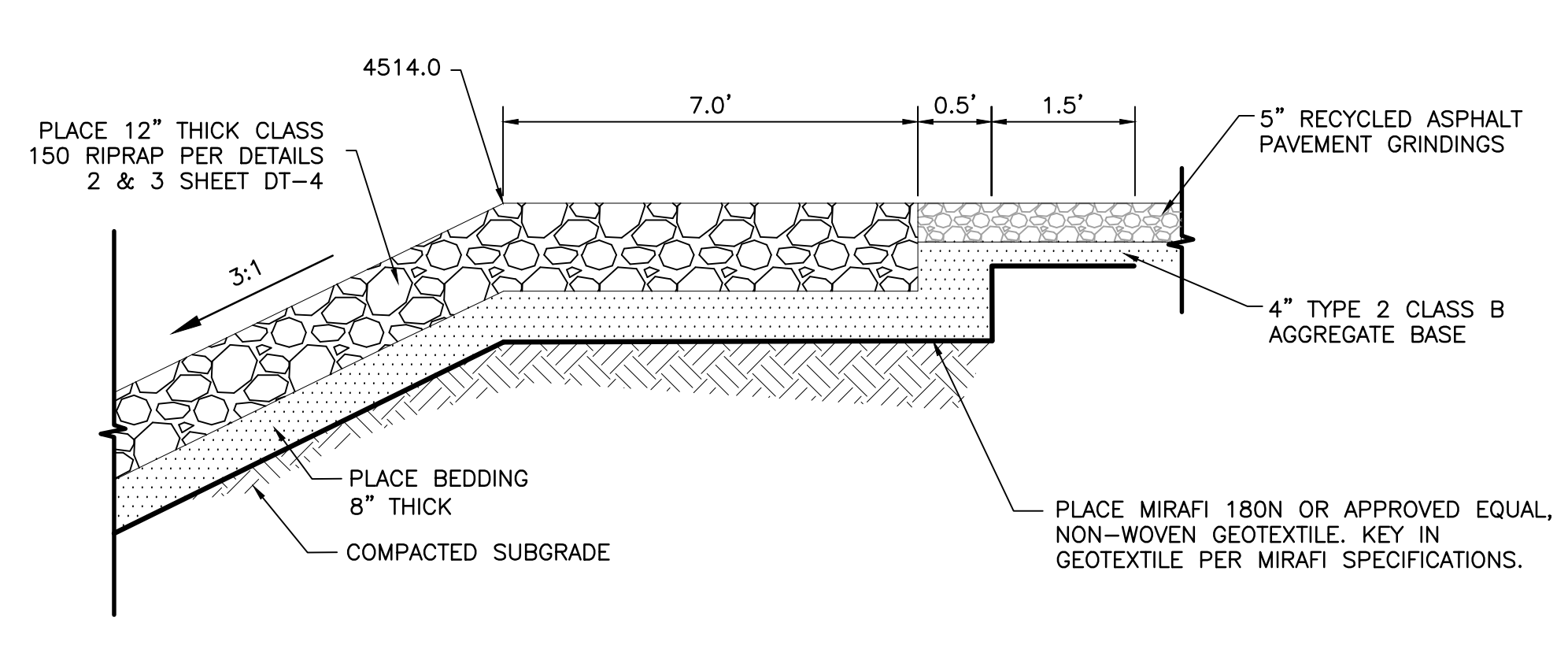
2 ORANGE BOOK LOOSE RIPRAP AND BEDDING GRADATIONS
DT-4 NTS



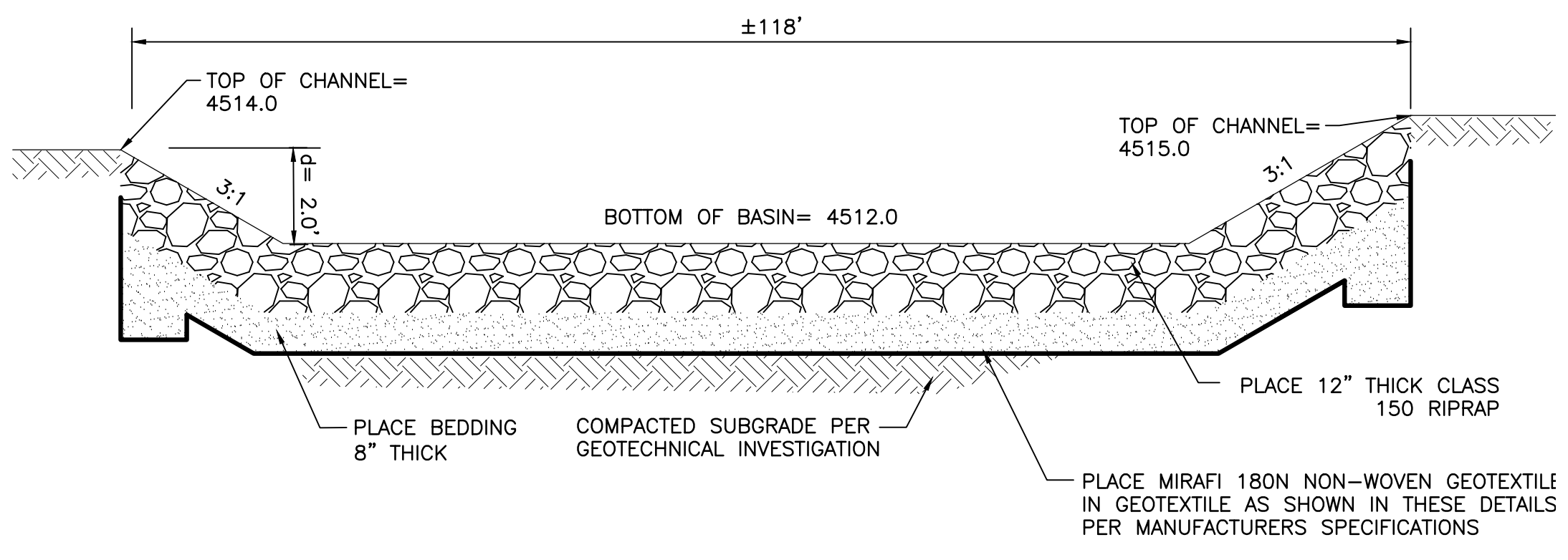
3 TYPICAL RIPRAP SECTION
DT-4 NTS



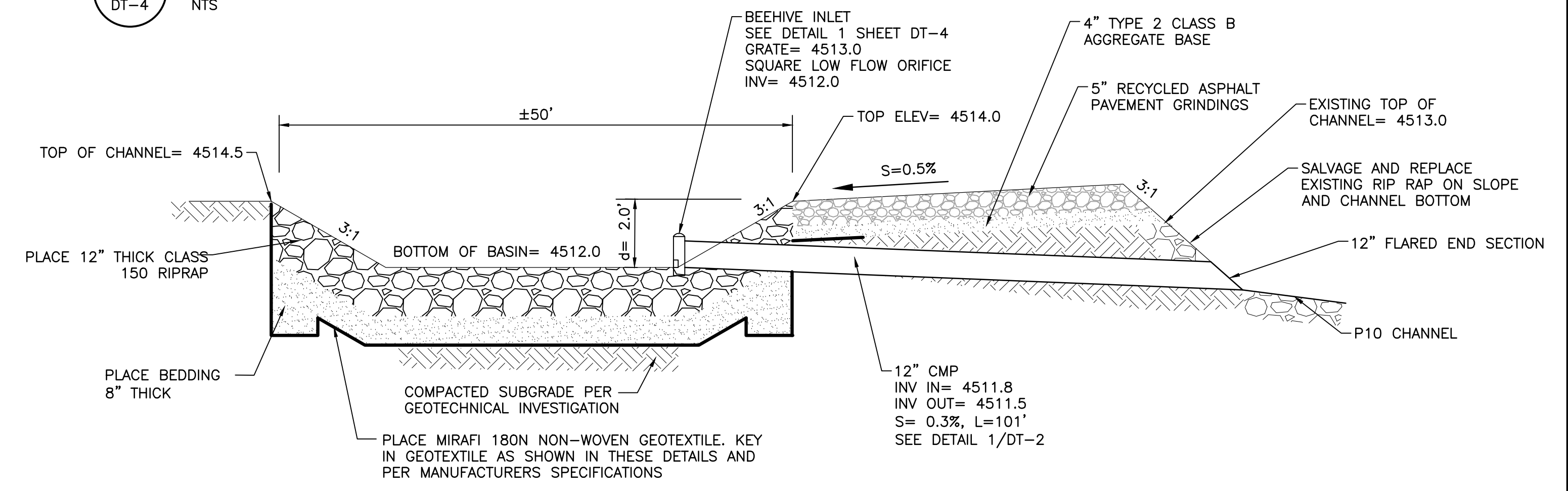
4 GEOTEXTILE KEY IN TO PARKING LOT
DT-4 NTS



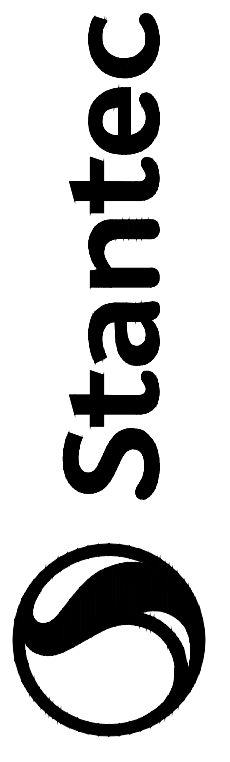
5 GEOTEXTILE KEY IN TO TURNAROUND
DT-4 NTS



6 DETENTION BASIN CROSS SECTION B-B
DT-4 NTS



7 DETENTION BASIN CROSS SECTION A-A
DT-4 NTS



695 Sierra Center Parkway
Sparks, NV 89511
www.stantec.com
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec, without delay. The Copyright to all design and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Revision	By	App'd.	Y/M/D
1	JP	HZ	21.01.25
			Y/M/D

ISSUED FOR BIDDING

Client/Project
CITY OF SPARKS
GOLDEN EAGLE REGIONAL PARK
LITTLE LEAGUE PARKING LOT ADDITION
Sparks, NV
Title
CIVIL CONSTRUCTION DETAILS

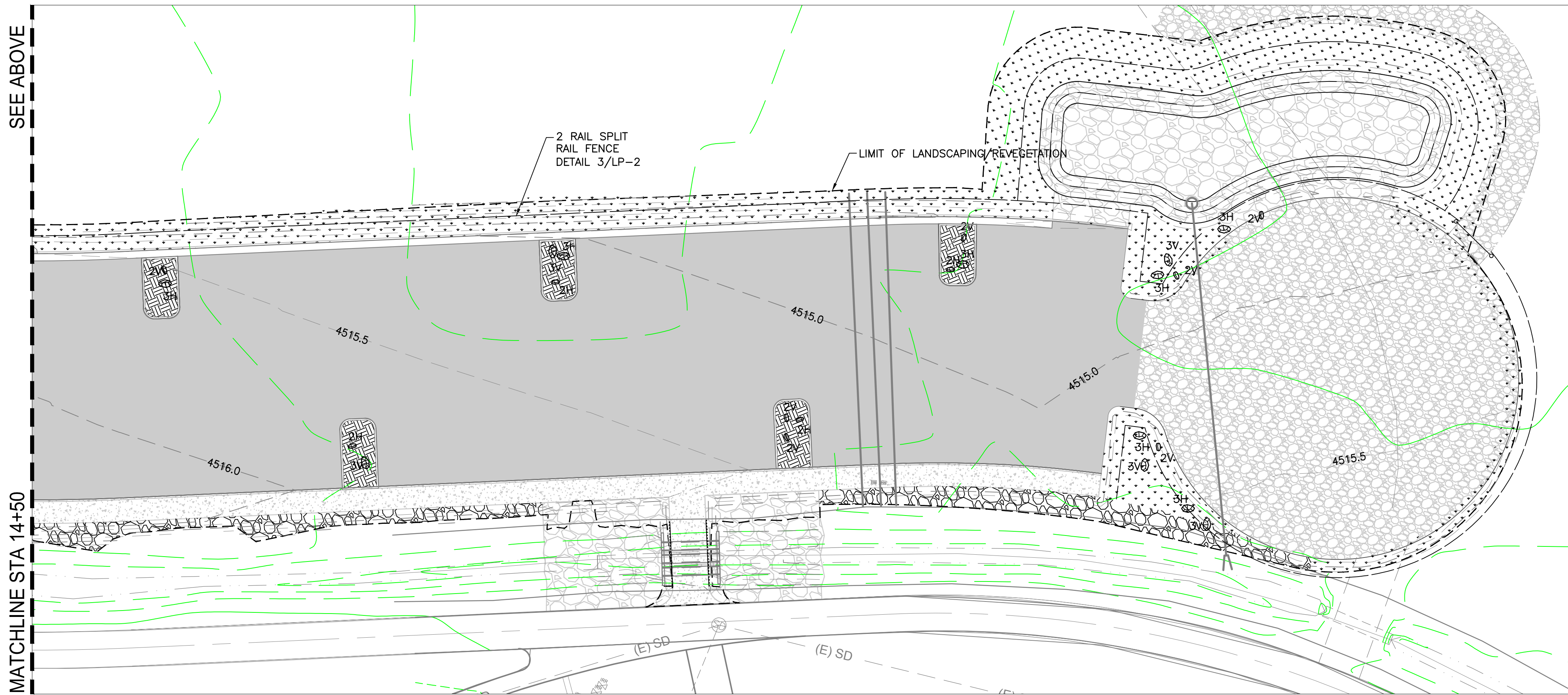
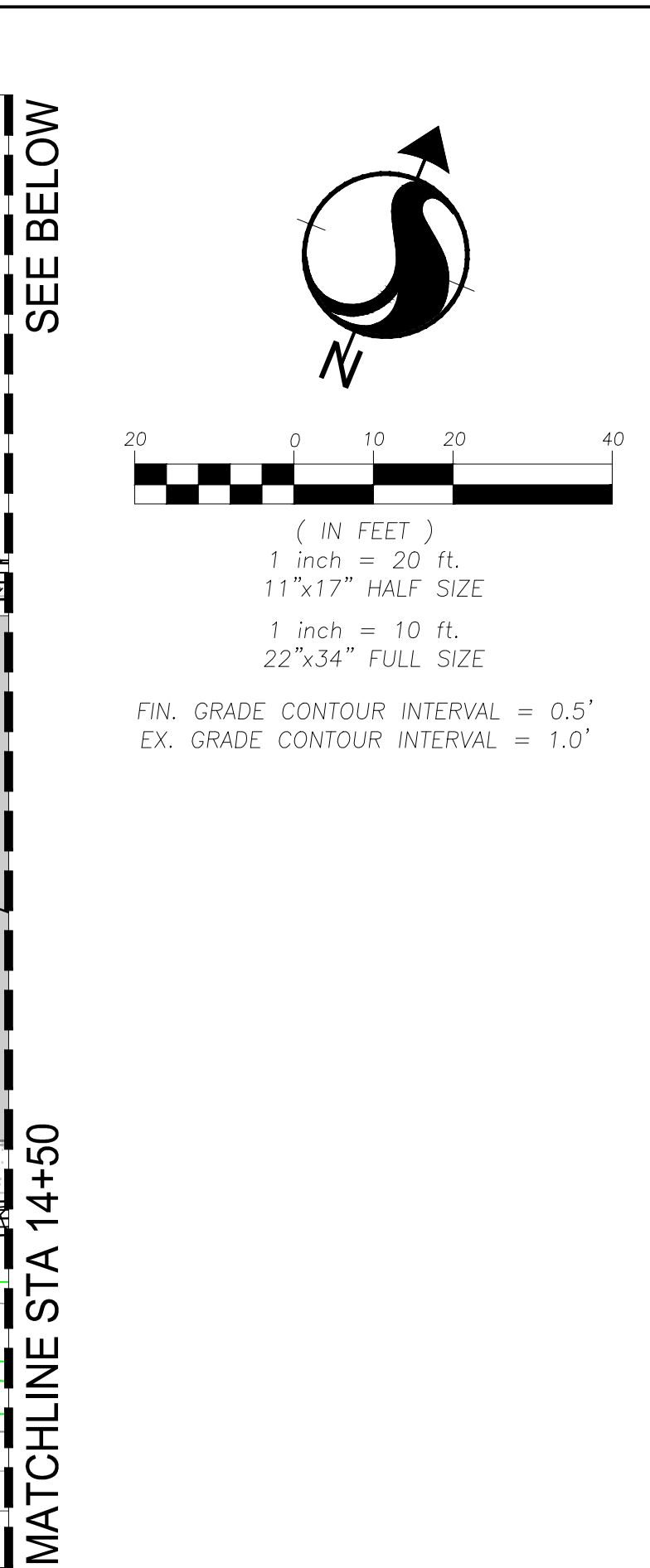
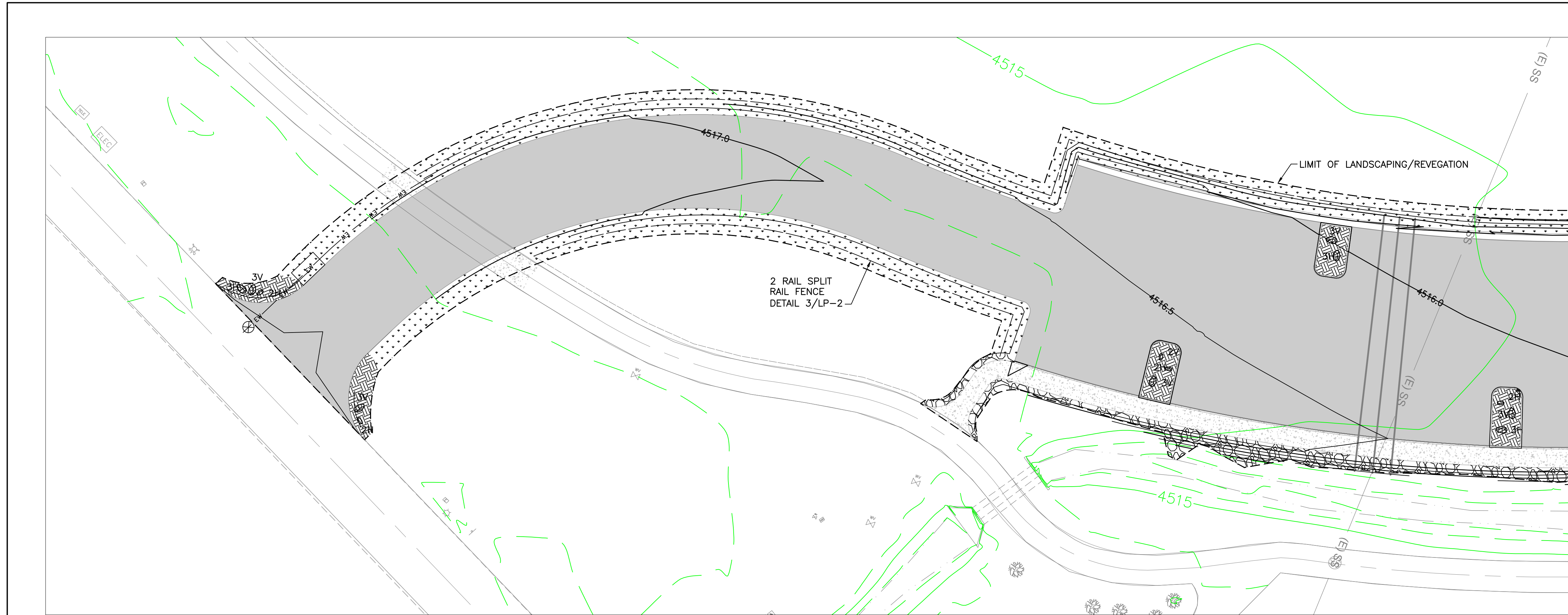
Permit Seal: ENGINEER STATE OF NEVADA
Exp. 31 DEC 21
CIVIL
No. 20190
26 JAN 2021

Project Number: 204256670
File Name: 01587_GERP_DT.DWG

Hz	Tm	Ca	20.03.25
Dwn	Chkd	Dsgn	YYMMDD

Drawing No. DT-4
Revision Sheet

V:\1817\1817.dwg, 1/16/15 10:57 AM, with drawing sheets\01587_GERP_LP.dwg
 2021/02/01 12:23 AM By: Pfringer, LP



LANDSCAPE LEGEND:

	DECOMPOSED GRANITE (DG) 3/8" (COARSE)	1,550 SF
	DECORATIVE ROCK - NEVADA GOLD 1-1/2" TO 3"	2,280 SF
	REVEGETATION SEEDING SEE SHEET LP-3	12,571 SF
	BOULDERS - 50% 2' DIA. & 50% 3' DIA.	36
	V: VERTICAL H: HORIZONTAL	
	2 RAIL SPLIT RAIL FENCE	1,225 LF

NOTES:

1. REFER TO SHEET LP-2 FOR LANDSCAPE SPECIFICATIONS.
2. REFER TO SHEET LP-3 FOR REVEGETATION SPECIFICATIONS.

6995 Sierra Center Parkway
Sparks, NV, 89511
www.stantec.com

The Contractor shall verify and be responsible for all dimensions, DO NOT scale the drawing - any error or omission shall be reported to Stantec, without delay. The Copyright to all design and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Revision	By	App'd	YYMMDD
1	ISSUED FOR BIDDING	HZ	JP
	ISSUED	By	App'd
			21.01.25
			YYMMDD

Client/Project
CITY OF SPARKS

Permit-Seal
REGISTERED LANDSCAPE ARCHITECT
BARBARA M. SAINTELL
355
EXP. 6-30-2021
STATE OF NEVADA

Project Number: 204256670
File Name: 01587_GERP_LP.DWG

01.25.2021

Hz	Tm	Bs	20.03.25
Dwn	Chkd	Desgn	YYMMDD

Drawing No. LP-1
Revision Sheet

0 11 of 20

LANDSCAPE SPECIFICATIONS

GENERAL:

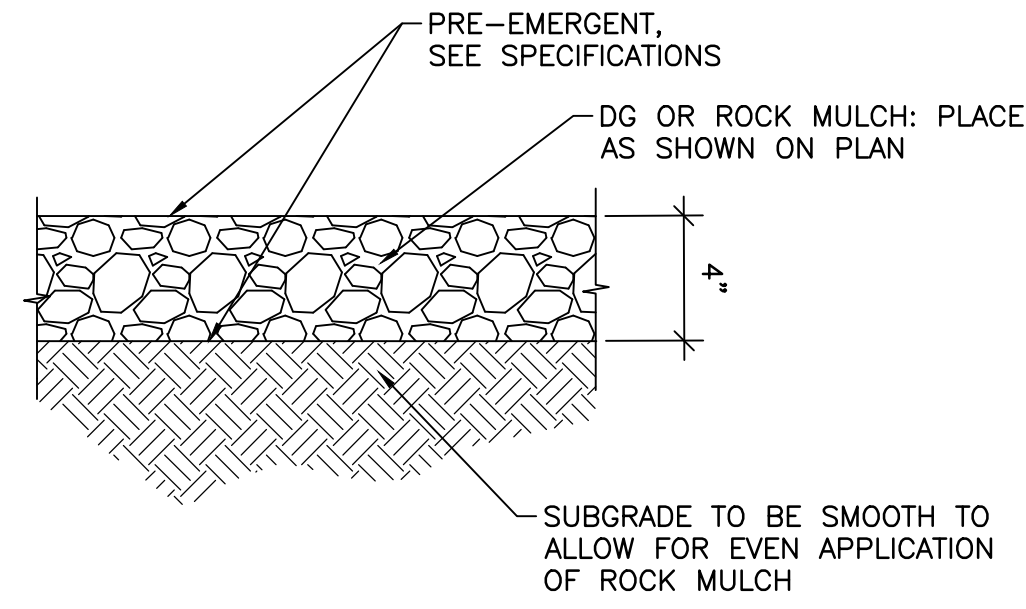
- PLAN IS DIAGRAMMATIC ONLY. ALL LOCAL GOVERNING CODES SHALL BE MET. EXACT LOCATION OF BOULDERS SHALL BE DETERMINED IN THE FIELD (INSTALL AS PER DETAILS) AND APPROVED BY THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE.
- A MINIMUM OF TWO WORKING DAYS BEFORE PERFORMING ANY DIGGING, CALL UNDERGROUND SERVICE ALERT FOR INFORMATION ON THE LOCATION OF NATURAL GAS LINES, ELECTRIC CABLES, TELEPHONE CABLES, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATION AND PROTECTION OF ALL UTILITIES, AND REPAIR OF ANY DAMAGE RESULTING FROM HIS WORK AT NO ADDITIONAL COST TO THE OWNER.
- DAMAGES: CONTRACTOR SHALL PROMPTLY REPAIR ALL DAMAGES TO EXISTING SITE AT NO COST TO OWNER.
- CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES (I.E., PAVING, PLUMBING, ELECTRICAL, ETC.)
- THE CONTRACTOR SHALL BE RESPONSIBLE TO FIELD VERIFY SITE CONDITIONS PRIOR TO CONSTRUCTION AND TO NOTIFY THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE SHOULD CONDITIONS EXIST WHICH PREVENT CONSTRUCTION AS PER THESE PLANS. COMMENCEMENT OF WORK SHALL CONSTITUTE ACCEPTANCE OF CONDITIONS AND RESPONSIBILITY FOR CORRECTIONS.
- CONTRACTOR AGREES THAT, IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONTRACTOR ASSUMES SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD HARMLESS THE OWNER FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THE PROJECT.

REQUIRED SEQUENCE:

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR FINISH GRADING THROUGHOUT ALL LANDSCAPE AREAS SUCH THAT THERE ARE NO HUMPS OR DEPRESSIONS AND POSITIVE DRAINAGE OCCURS THROUGHOUT. THE TOP 18" OF ALL BEDS SHALL BE CLEAN NATIVE SOIL, FREE OF ALL CONSTRUCTION DEBRIS AND NATIVE ROCKS OVER 6" IN DIAMETER. FINAL GRADE OF ALL PLANTERS (I.E. MULCH SURFACE) SHALL BE FLUSH WITH ADJACENT HARDSCAPE SURFACES.
- ALL GROUNDPLANE AREAS TO RECEIVE FOUR-INCH MINIMUM DEPTH OF DG OR ROCK MULCH UNLESS OTHERWISE NOTED, SEE PLANS. PRIOR TO PLACEMENT SMOOTH AND COMPACT THE SUBGRADE TO 80% OF RELATIVE DENSITY. REMOVE WEEDS. INSTALL WOVEN WEED BARRIER FABRIC BENEATH ALL AREAS OF MULCH. LANDSCAPE FABRIC TO BE 'DEWITT' PRO-5 WEED BARRIER (OAE) INSTALLED IN ACCORDANCE WITH MFG'S SPECIFICATIONS. ANCHOR ALL EDGES PER MANUFACTURER'S SPECIFICATIONS.
- APPLY PRE-EMERGENT HERBICIDE TO ALL AREAS RECEIVING DECOMPOSED GRANITE. APPLY AFTER IRRIGATION AND PLANTING ARE COMPLETED; BEFORE AND AFTER INSTALLATION OF ROCK MULCH MATERIAL.

OBSERVATIONS/APPROVALS/SUBMITTALS:

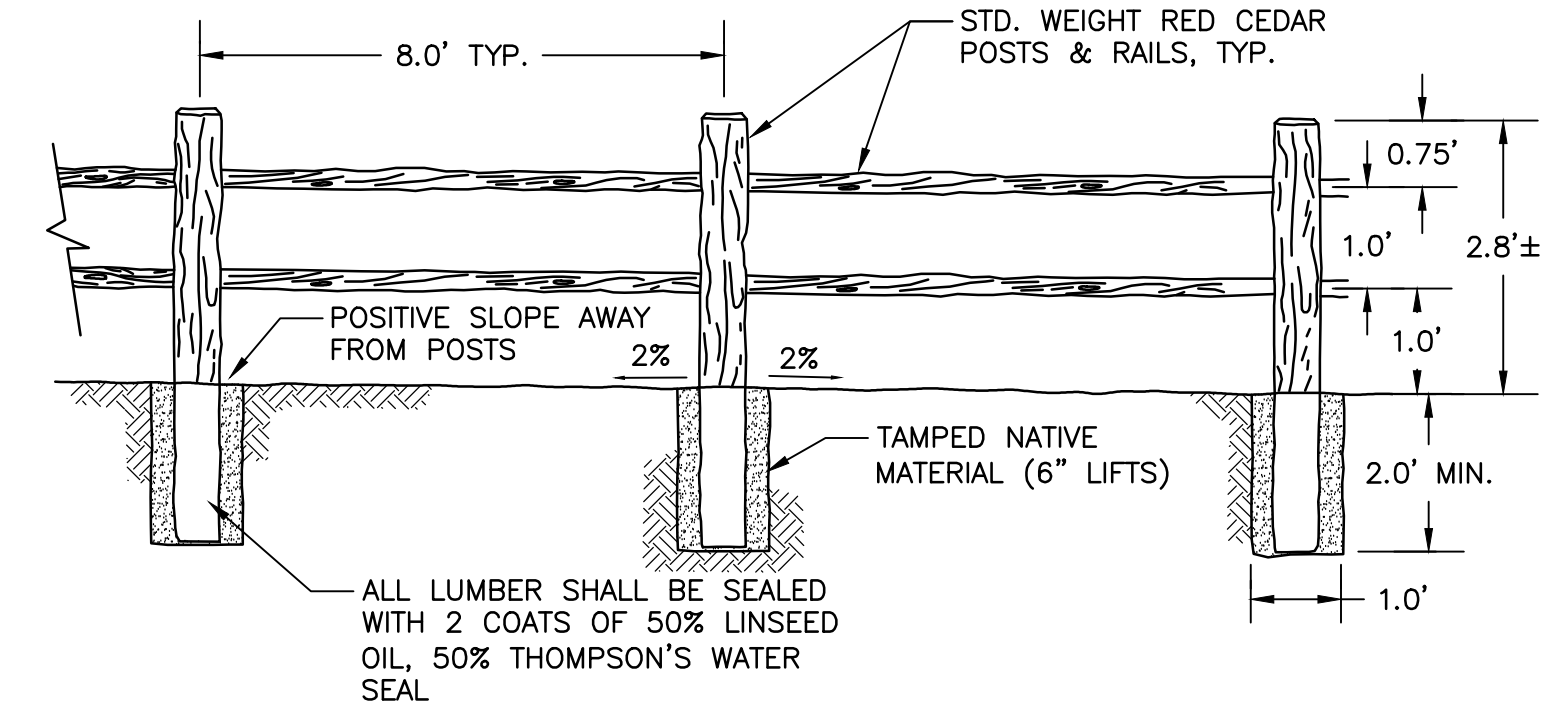
- CONTRACTOR IS RESPONSIBLE FOR NOTIFYING LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE, A MINIMUM OF 48 HOURS IN ADVANCE, FOR THE FOLLOWING SITE OBSERVATIONS AND/OR MEETINGS:
 - PRECONSTRUCTION MEETING WITH ALL PARTIES
 - BOULDER LOCATIONS STAKED OUT, PRIOR TO PLACEMENT (IF SPECIFIED)
 - FINAL PROJECT WALK-THROUGH
 - ADDITIONAL SITE OBSERVATIONS AS DEEMED NECESSARY BY THE LANDSCAPE ARCHITECT AND/OR CONTRACTOR
- SUBMIT THE FOLLOWING SAMPLES TO LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO INSTALLATION. ADDITIONAL SAMPLES MAY BE REQUIRED PRIOR TO FINAL APPROVAL. FAILURE TO COMPLY MAY RESULT IN REJECTION OF ITEM(S) PRIOR TO OR FOLLOWING INSTALLATION.
 - DECOMPOSED GRANITE
 - ROCK MULCH
 - BOULDERS



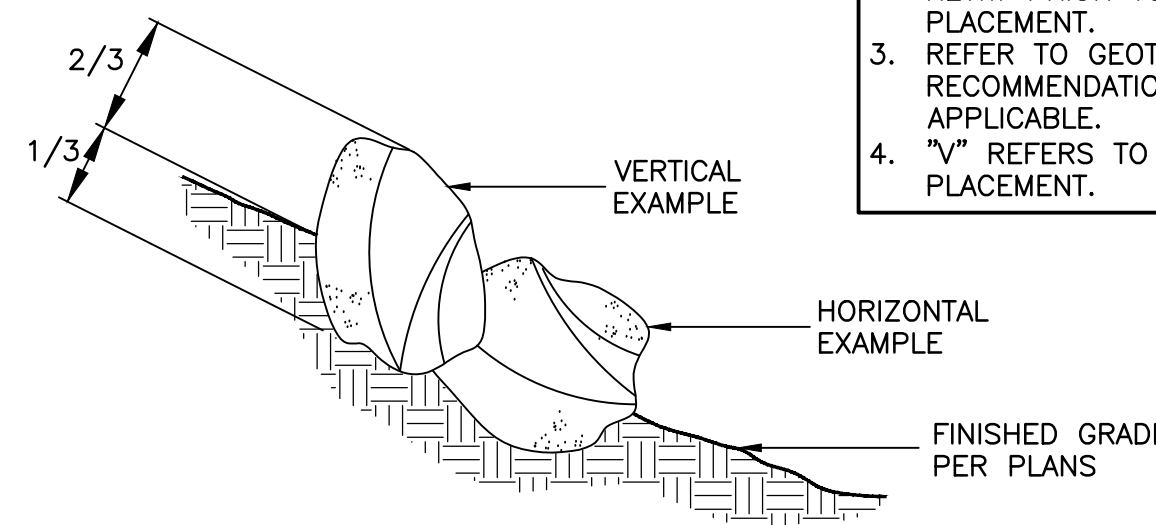
NOTE:

COMPACT SUBGRADE TO 90% (EXCEPT AROUND PLANTS) AND APPLY A PRE-EMERGENT HERBICIDE TO THE SOIL BEFORE PLACING ROCK MULCH AT REQUIRED DEPTH. KEEP TOP OF ROCK MULCH 1/2" BELOW ADJACENT WALKS, CURBS, OR OTHER HARD SURFACES.

1 DG ROCK MULCH INSTALLATION (TYP.)
LP-2 NTS



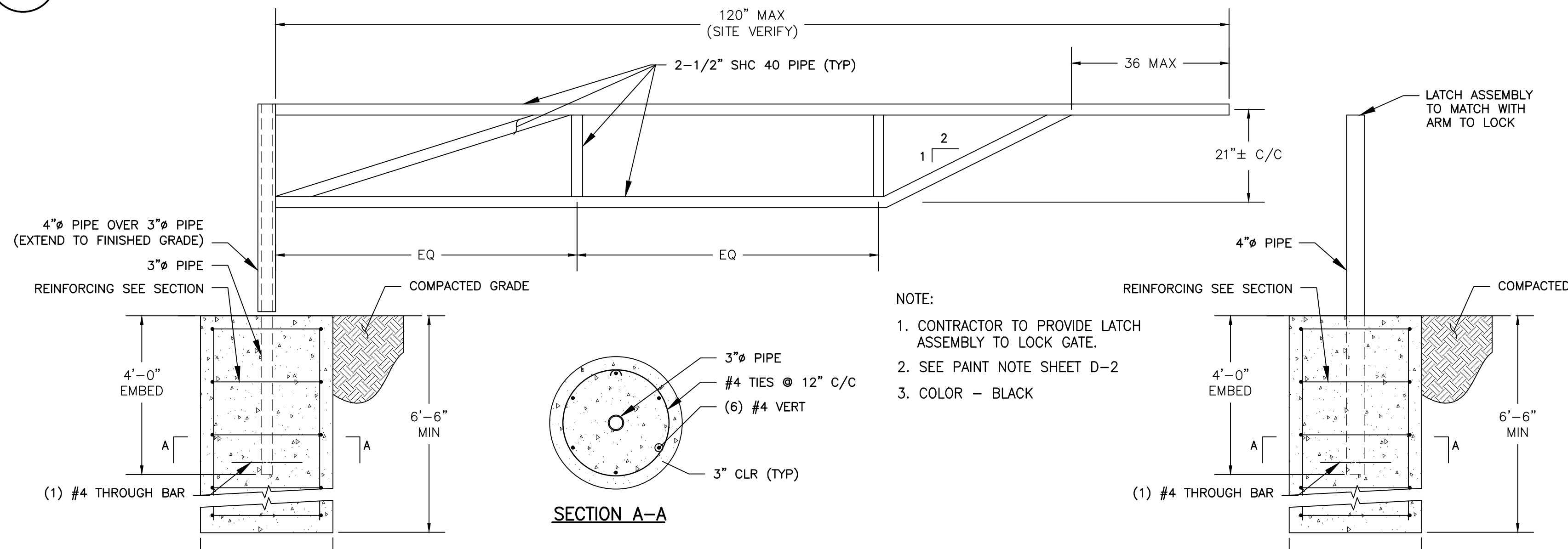
3 2 RAIL SPLIT RAIL FENCE (TYP.)
LP-2 NTS



NOTES:

- PLACE 1/3 OF THE TOTAL DIAMETER BELOW FINISHED GRADE.
- STAKE BOULDER LOCATIONS AS SHOWN ON PLAN. LANDSCAPE ARCHITECT TO REVIEW PRIOR TO PLACEMENT.
- REFER TO GEOTECHNICAL RECOMMENDATIONS WHERE APPLICABLE.
- "V" REFERS TO VERTICAL PLACEMENT.

2 BOULDER PLACEMENT
LP-2 NTS



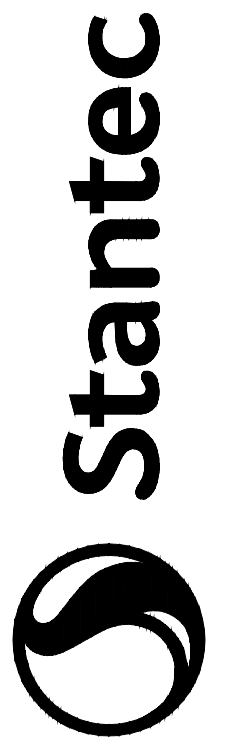
NOTE:

- CONTRACTOR TO PROVIDE LATCH ASSEMBLY TO LOCK GATE.
- SEE PAINT NOTE SHEET D-2
- COLOR - BLACK

4 LOCKABLE GATE ARM
LP-2 NTS



26 JAN 2021
FOR GATE ARM DETAIL ONLY



6995 Sierra Center Parkway
Sparks, NV 89511
www.stantec.com
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any error or omission shall be reported to Stantec, without delay. The Copyright to all design and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Revision	By	App'd.	Y/M/MD
1	JP	JP	21.01.25
	HZ	HZ	YY.MM.DD
	By	App'd.	Y/M/MD

Client/Project
CITY OF SPARKS
GOLDEN EAGLE REGIONAL PARK
LITTLE LEAGUE PARKING LOT ADDITION
Sparks, NV
Title
LANDSCAPE SPECIFICATIONS AND DETAILS

Permit-Seal
REGISTERED LANDSCAPE ARCHITECT
BARBARA M. SHANNON
355
EXP. 06.2021
STATE OF NEVADA
01.25.2021
Project Number: 204256670
File Name: 01587_GERP_LP.DWG
Dwn. Chtkd. Dsgn. Y/M/MD
Drawing No. LP-2
Revision Sheet

REVEGETATION SPECIFICATIONS

1. GENERAL.

- A. THE WORK CONSISTS OF SOIL TESTING, WEED CONTROL, SALVAGING AND REPLACING TOPSOIL, SEEDING, AND HYDROMULCHING ON GRADED AND DISTURBED AREAS.
- B. COORDINATE REVEGETATION WORK WITH THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP).
- C. UNLESS THE PROJECT SITE IS IRRIGATED, PERFORM SEEDING BETWEEN SEPTEMBER 15 AND FEBRUARY 15 OF ANY YEAR.
- D. DO NOT ALLOW CHEATGRASS (BROMUS TECTORUM) OR RED BROME (BROMUS RUBENS) OR RUSSIAN THISTLE (SALSOLA SPP) OR NOXIOUS WEEDS WITHIN THE PROJECT AREA. REMOVE WEEDS BY HAND OR TREAT WITH HERBICIDES APPROVED FOR USE IN THE CITY OF SPARKS AND APPLY ACCORDING TO MANUFACTURER'S DIRECTIONS.

2. REFERENCE SOIL TESTING.

- A. CONTRACTOR TO OBTAIN 2 REPRESENTATIVE SOIL SAMPLES EQUALLY DISTRIBUTED IN THE SITE TO BE DISTURBED AND REVEGETATED. SOIL SAMPLES SHALL BE SENT TO A LABORATORY EQUIPPED TO TEST SOILS FOR POSSIBLE AMENDMENTS NEEDED FOR NATIVE, ADAPTED SEEDED PLANT REVEGETATION AND SUBMIT TO OWNER'S REPRESENTATIVE WITHIN 4 WEEKS OF CONTRACT AWARD. CONTRACTOR SHALL PROVIDE AMENDMENTS PER SOIL TEST RECOMMENDATIONS.
- B. RATE: USE 1-1/2 PINTS TO 2 QUARTS ACCORDING TO LABEL RATES PLUS 2 QUARTS OF NONIONIC SURFACTANT PER ACRE.
- C. TIME: APPLY WHEN PLANTS ARE ACTIVELY GROWING BEFORE BUD FORMATION. REPEAT APPLICATIONS AS NECESSARY TO ELIMINATE AFORE MENTIONED WEEDS.
- D. REMARKS: GLYPHOSATE IS A NONSELECTIVE HERBICIDE THAT KILLS MOST PLANTS, INCLUDING THOSE THAT COMPETE WITH NEW WEED SEEDLINGS. WAIT 10 DAYS MINIMUM AFTER TREATMENT FOR SEEDING, OR LONGER BASED ON HERBICIDE MANUFACTURER RECOMMENDATIONS.
- E. CAUTION: FOLLOW THE LABEL RECOMMENDATIONS AND PRECAUTIONS, ESPECIALLY FOR USE IN AND NEAR WATER. REMOVE WEED DEBRIS AND DISPOSE OF OFF SITE.

3. WEED CONTROL.

- A. PRIOR TO SALVAGING TOPSOIL APPLY GLYPHOSATE (ROUNDUP®, AQUAMASTER®, OR RODEO®) TO ELIMINATE CHEATGRASS, RED BROME AND/OR ANY NOXIOUS WEEDS IN ALL AREAS TO BE SEEDED.
 - B. RATE: USE 1-1/2 PINTS TO 2 QUARTS ACCORDING TO LABEL RATES PLUS 2 QUARTS OF NONIONIC SURFACTANT PER ACRE.
 - C. TIME: APPLY WHEN PLANTS ARE ACTIVELY GROWING BEFORE BUD FORMATION. REPEAT APPLICATIONS AS NECESSARY TO ELIMINATE AFORE MENTIONED WEEDS.
 - D. REMARKS: GLYPHOSATE IS A NONSELECTIVE HERBICIDE THAT KILLS MOST PLANTS, INCLUDING THOSE THAT COMPETE WITH NEW WEED SEEDLINGS. WAIT 10 DAYS MINIMUM AFTER TREATMENT FOR SEEDING, OR LONGER BASED ON HERBICIDE MANUFACTURER RECOMMENDATIONS.
 - E. CAUTION: FOLLOW THE LABEL RECOMMENDATIONS AND PRECAUTIONS, ESPECIALLY FOR USE IN AND NEAR WATER. REMOVE WEED DEBRIS AND DISPOSE OF OFF SITE.
4. TOPSOIL (SALVAGE).
- A. TOPSOIL (SALVAGE) CONSISTS OF REMOVING EXISTING TOPSOIL, ROCK AND VEGETATION; STOCKPILING, TREATING IF REQUIRED, PREPARING AREAS FOR PLACEMENT, PLACING AT DESIGNATED AREAS, AND COMPACTING.
 - B. REMOVE EXISTING TOPSOIL TO A DEPTH OF 6 INCHES. STOCKPILE THIS MATERIAL IN APPROVED AREAS.
 - C. DO NOT STOCKPILE TOPSOIL MORE THAN 6 FEET IN HEIGHT AND DO NOT COMPACT STOCKPILES. STABILIZE STOCKPILES OF TOPSOIL THAT ARE IN PLACE FOR LESS THAN 1 MONTH WITH WATER OR DUST PALLIATIVE. DUST PALLIATIVE SHALL NOT INHIBIT VEGETATIVE GROWTH. FOR TOPSOIL STOCKPILES IN PLACE MORE THAN 1 MONTH, APPLY AN EROSION CONTROL TREATMENT TO THE STOCKPILE CONSISTING OF A SLURRY WITH SEED, SOIL INOCULANT, MULCH TACKIFIER, WATER AND AMENDMENTS AS SPECIFIED.
 - D. PREPARE FINAL PLACEMENT AREAS BY CULTIVATING AND ROUGHENING SLOPES WITH RIPPERS, DISCS OR OTHER APPROVED EQUIPMENT IN THE DIRECTION WITH THE CONTOURS WHERE POSSIBLE TO A DEPTH OF 6 INCHES.
 - E. DO NOT PERFORM CULTIVATION UNTIL ALL OTHER EQUIPMENT IS THROUGH WORKING IN THE AREA.
 - F. OPERATE EQUIPMENT SUCH THAT FURROWS ARE PRODUCED PERPENDICULAR TO THE NATURAL FLOW OF WATER.
 - G. TRANSPORT TOPSOIL DIRECTLY FROM THE STOCKPILE TO FINAL POSITION. EVENLY AND UNIFORMLY SPREAD TOPSOIL TO A DEPTH OF 4 INCHES. IF NEEDED, MOISTEN WITH WATER AS DIRECTED TO INCREASE THE BOND BETWEEN THE TOPSOIL AND SUBSOIL. THE TOPSOIL FINISHED SURFACE SHALL CONFORM TO THE FINISHED GRADE CONTOURS DEPICTED ON THE GRADING PLANS.
 - H. DO NOT PLACE TOPSOIL WHEN THE GROUND OR TOPSOIL IS FROZEN, EXCESSIVELY WET, OR NOT IN AN ACCEPTABLE CONDITION TO FACILITATE UNIFORM SPREADING.
 - I. COMPACT TOPSOIL IN ACCORDANCE WITH SECTION 5.

5. COMPACTION.

- A. COMPACT TOPSOIL BY SHEEPSFOOT ROLLER OR SIMILAR APPROVED EQUIPMENT WHICH WILL PRODUCE 150-300 PSI GROUND PRESSURE TO PRODUCE FINAL COMPACTION OF TOPSOIL THAT IS APPROXIMATELY 70-80 PERCENT OF THE RELATIVE MAXIMUM DENSITY. DESIGN AND CONSTRUCTION EQUIPMENT TO PRODUCE A UNIFORM ROUGH TEXTURED SURFACE CONSISTING OF SMALL UNDULATIONS THAT TRAP SURFACE RUNOFF AND BREAK UP SURFACE FLOW CONTINUITY, AND WHICH WILL BOND THE TOPSOIL TO THE UNDERLYING MATERIAL. OPERATE COMPACTION EQUIPMENT PARALLEL TO THE NATURAL FLOW OF WATER ON THE SLOPES OR PERPENDICULAR TO THE CONTOUR OF THE SLOPES, UNLESS OTHERWISE APPROVED. CONVEY THE ROLLER OR APPROVED EQUIPMENT UP AND DOWN THE SLOPES BY APPROVED MEANS. FINISH GRADE OF THE TOPSOIL TO BE 1 INCH BELOW THE TOP OF CURBS, CATCH BASINS, AND OTHER STRUCTURES.
- B. TO CONDITION THE TOPSOIL FOR COMPACTION, FURNISH A SUITABLE AMOUNT OF WATER AND APPLY BY APPROVED METHODS. MOISTEN TOPSOIL WITH WATER TO BIND TOPSOIL TOGETHER.

6. SOIL AMENDMENTS AND INOCULANTS.

- A. APPLY INOCULANT AT A RATE OF 50 POUNDS PER ACRES. APPLY ACTAGRO LIQUID HUMIC ACID AT A RATE OF 5 GAL/ACRE. APPLY AMENDMENTS RECOMMENDED IN SOIL TESTS AS DESCRIBED IN SECTION 2. SOIL TESTING. AMENDMENTS RECOMMENDED BY SOIL TESTS SHALL BE PAID FOR AS PART OF THE SEEDING COST.

7. SEEDING AREA.

- A. SEEDING CONSISTS OF APPLYING SOIL AMENDMENTS AND INOCULANTS, PREPARING THE AREAS, APPLYING SEED AND APPLYING MULCH AND TACKIFIER.
- B. FURNISH AND APPLY SOIL AMENDMENTS AND INOCULANTS AT THE RATES SPECIFIED IN SECTIONS 2 AND 6.
- C. EVENLY APPLY SOIL AMENDMENTS AND INOCULANTS ON THE AREAS TO BE SEEDED. APPLY HYDRAULICALLY MIXING SOIL AMENDMENTS AND INOCULANTS IN A TANK EQUIPPED WITH AN AGITATOR SO THAT A UNIFORM SUSPENSION IS ACHIEVED AND MAINTAINED. THE AMENDMENTS AND INOCULANTS SHALL NOT REMAIN IN THE TANK LONGER THAN 1 HOUR.
- D. MIX AMENDMENTS AND INOCULANTS INTO SOIL AND PREPARE THE SEEDING AREAS BY TILLING THE SOIL TO A MINIMUM DEPTH OF 6 INCHES. OPERATE EQUIPMENT SUCH THAT FURROWS ARE PRODUCED PERPENDICULAR TO THE NATURAL FLOW OF WATER. REMOVE AND DISPOSE OF ALL ROCKS LARGER THAN 6 INCHES IN SMALLEST DIMENSION FROM THE SURFACE FO SLOPES TO BE SEEDED.
- E. GIVE A MINIMUM OF 48 HOURS NOTIFICATION IN ADVANCE OF ANY SEEDING OPERATIONS FOR APPROVAL OF THE SEEDING AREAS. AFTER APPROVAL, SEEDING OF THE APPROVED AREAS MAY BEGIN.
- F. MATERIALS FOR SEEDING SHALL BE BATCHED ON SITE UNDER THE OBSERVATION OF THE OWNER'S REPRESENTATIVE.
- G. PROVIDE QUALIFIED PERSONNEL EXPERIENCED IN ALL PHASES OF SEEDING, EQUIPMENT, AND METHODS AS HEREIN SPECIFIED.
- H. DO NOT SEED WHEN THERE ARE SUSTAINED WINDS OF 13 MPH OR MORE, OR CONDITIONS THAT MAY CAUSE MATERIAL TO DISPERSE OR APPLY INACCURATELY. DO NOT SEED WHEN THE GROUND IS FROZEN.
- I. SEED WITH APPROVED POWER-DRAWN DRILL WITH DOUBLE-DISC FRONT DELIVERY OPENERS AND DEPTH BANDS FOR POSITIVE DEPTH CONTROL. SET DEPTH CONTROL AT A DEPTH OF 3/4 INCH FOR CONSISTENT FURROW BOTTOM PLACEMENT. AN APPROVED DEEP FURROW DRILL MAY BE USED WHERE IT IS DETERMINED THE SEEDBED IS FIRM AND THERE IS LITTLE DANGER OF SOIL BLOWING. AN APPROVED SPREADER MAY BE USED FOR FERTILIZER PLACEMENT. CALIBRATE DRILLS AND SPREADERS USING AN APPROVED METHOD BEFORE USE. UNIFORMLY SPREAD SEED AT THE RATE AND MIX SPECIFIED.

8. MULCH AND TACKIFIER.

- A. WITHIN 24 HOURS AFTER EACH AREA IS SEEDED A SLURRY CONTAINING TACKIFIER AND MULCH SHALL BE APPLIED. APPLY SLURRY CONSISTING OF PLANT BASED TACKIFIER AT 150 POUNDS/ACRE AND RECYCLED PAPER MULCH AT 2000 POUNDS/ACRE. THE SLURRY SHALL CONTAIN A COLOR ADDITIVE WHICH WILL ASSIST THE APPLICATOR IN THE UNIFORM APPLICATION OF THE MIXTURE.
- B. APPLY THE SLURRY WITH APPROVED HYDRAULIC EQUIPMENT. USE EQUIPMENT WITH A BUILT IN AGITATION SYSTEM WITH AN OPERATING CAPACITY SUFFICIENT TO AGITATE, SUSPEND, AND HOMOGENEOUSLY MIX THE SPECIFIED PORTIONS OF THE SLURRY. EQUIP DISTRIBUTION AND DISCHARGE LINES WITH A SET OF HYDRAULIC DISCHARGE SPRAY NOZZLES WITH TWILL PROVIDE A UNIFORM DISTRIBUTION FOR THE SLURRY.
- C. DO NOT DISTURB SURFACE AREAS AFTER MULCHING AND TACKING IS COMPLETE. REPAIR DAMAGED AREAS AS DIRECTED.

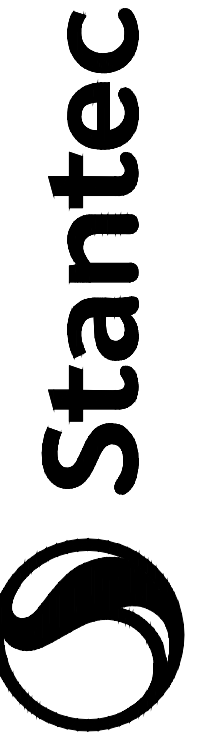
9. SEED MIX (PLS LBS/ACRE)

GRASSES/FORBS:	
SIBERIAN WHEATGRASS/'VAILOV'	9
RUSSIAN WILDRYE/'BOZOISKY'	6
BASIN WILDRYE	5
INDIAN RICEGRASS/'NEZPAR'	4
LEWIS FLAX	1
PALMER PENSTEMON	1
GLOBEMALLOW	0.5
SHRUBS:	
FOURWING SALTBRUSH/'RINCON'	4
FORAGE KOCHIA/'IMMIGRANT'	2
WYOMING BIG SAGEBRUSH	0.50

TOTAL 33

10. CERTIFICATES AND SAMPLES.

- A. SEEDS -FURNISH SEEDS IN STANDARD CONTAINERS OR SEALED BAGS ON WHICH SHOW THE FOLLOWING INFORMATION:
 - i. SEED NAME, SCIENTIFIC AND COMMON NAME, LOT NUMBER, NET MASS, PERCENTAGE OF PURE LIVE SEED INCLUDING HARD AND DORMANT SEED, PERCENTAGE OF WEED SEED CONTENT AND INERT MATERIAL CLEARLY MARKED FOR REACH KING OF SEED ACCORDING TO APPLICABLE STATE AND FEDERAL LAWS. WEED SEED SHALL NOT EXCEED 0.5% OF THE PURE LIVE SEED AND SHALL NOT INCLUDE ANY SEED OF CHEATGRASS OR SWEET CLOVERS. CROP SEED SHALL NOT EXCEED 0.5% OF PURE LIVE SEED. NO NOXIOUS WEED SEED SHALL BE PRESENT. PRESENT CROP SEED, SUPPLIER NAME, ADDRESS AND PHONE NUMBER. DO NOT USE SEED WHICH HAS BECOME WET, MOLDY OR OTHERWISE DAMAGED IN TRANSIT OR STORAGE. PROVIDE SEED AT LEAST 95% PURE AND HAVING A MINIMUM OF 85% GERMINATION. STORE SEED IN A COOL WATERTIGHT FACILITY WITH TEMPERATURES LESS THAN 81°F.
 - ii. FURNISH DUPLICATE COPIES OF A STATEMENT SIGNED BY THE VENDOR CERTIFYING THAT EACH LOT OF SEED HAS BEEN TESTED BY A RECOGNIZED SEED TESTING LABORATORY WITH 6 MONTHS BEFORE THE DATE OF SEEDING ON THE PROJECT. SUBMIT ORIGINAL LABORATORY SEED TESTS BY LOT NUMBER A MINIMUM OF 30 DAYS BEFORE APPLICATION. SEED TAGS SHALL REFLECT THE MOST RECENT TEST DATE AND SHALL BE SUBMITTED FOR APPROVAL. ALL SEED IS SUBJECT TO INSPECTION. THE STATE DIVISION OF AGRICULTURE SHALL RANDOMLY SAMPLE AND TEST SEED BEFORE USE ON THE PROJECT. FURNISH A COPY OF THE STATE DIVISION OF AGRICULTURE'S APPROVAL LETTER.
 - B. SOIL INOCULANTS.
 - i. THE INOCULA SHALL CONTAIN AT A MINIMUM 120 LIVE SPORES PER GRAM. LABEL PRODUCT BAGS WITH A LOT NUMBER AND THE HARVEST DATE OF THE INOCOLA. TRANSPORT AND STORE INOCULA IN AREAS WITH A TEMPERATURE LESS THAN 90°F AND KEEP TEMPERATURES ABOVE FREEZING.
 - ii. PROVIDE 28 GRAM SAMPLES WITH PACKAGE LABELS 30 DAYS PRIOR TO APPLICATION FOR VERIFICATION OF SPECIES AND LIVE PROPAGULES. OBTAIN A COMPOSITE SAMPLE FROM THE TOP, MIDDLE, AND BOTTOM OF THE BAG AND/OR MICRO-BAG SAMPLES PER CASE. SUBMIT SAMPLES TO A SOILS LABORATORY CAPABLE FOR TESTING THESE SAMPLES USING THE MEAN INFECTION PERCENTAGE (MIP) ASSAY TEST METHOD. SUBMIT LAB TEST RESULTS FOR APPROVAL.
 - C. HERBICIDES.
 - i. PROVIDE HERBICIDE CERTIFICATES WITH THE MANUFACTURER'S GUARANTEED STATEMENT OF ANALYSIS CLEARLY MARKED, ALL CONFORMING TO STATE AND FEDERAL LAWS. HERBICIDES SHALL NOT CONTAIN SOIL STERILANTS.
 - D. MULCH.
 - i. PROVIDE RECYCLED PAPER MULCH CERTIFICATION WITH THE MANUFACTURER'S GUARANTEED STATEMENT OF ANALYSIS CLEARLY MARKED, ALL CONFORMING TO STATE AND FEDERAL LAWS.
 - E. TACKIFIER.
 - i. PROVIDE TACKIFIER CERTIFICATION WITH THE MANUFACTURE'S GUARANTEED STATEMENT OF ANALYSIS CLEARLY MARKED, ALL CONFORMING TO STATE AND FEDERAL LAWS. THE STANDARD SWELL VOLUME SHALL BE CONSIDERED AS 30 MILLILITERS PER GRAM. MATERIAL SHALL HAVE A SWELL VOLUME OF AT LEAST 24 MILLILITERS PER GRAM.
11. SUBMITTALS.
- A. SOIL TEST AND AMENDMENT RECOMMENDATIONS
 - B. SEED MIX
 - C. INOCULANT
 - D. HUMIC ACID
 - E. MULCH
 - F. TACKIFIER
 - G. EQUIPMENT FOR SOIL ROUGHENING
 - H. SHEEPSFOOT FOR COMPACTING
 - I. CONSTRUCTION SCHEDULE
12. WARRANTY.
- A. CONTRACTOR TO ACHIEVE 30% PLANT COVER BY AREA NOTED IN SECTION 1 AND NOXIOUS WEEDS BY AREA, FREE FROM INVASIVE WEEDS BEFORE WARRANTY IS ACHIEVED WITHIN 2 YEARS OF INITIAL TREATMENT. IF ADEQUATE COVERAGE IS NOT ACHIEVED, REAPPLY ALL COMPONENTS OF EROSION CONTROL TREATMENT WITHIN 1 YEAR OF INITIAL TREATMENT AND ADDITIONALLY AS NEEDED.



6995 Sierra Center Parkway
Sparks, NV, 89511
www.stantec.com

The Contractor shall not be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec, without delay. The Copyright to all design and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Revision	By	Appd.	Y:MM:DD
1 - ISSUED FOR BIDDING	RZ	JP	21.01.25
	By	Appd.	Y:MM:DD

Client/Project
CITY OF SPARKS
GOLDEN EAGLE REGIONAL PARK
LITTLE LEAGUE PARKING LOT ADDITION
Sparks, NV
Title
REVEGETATION SPECIFICATIONS



Permit Seal

01.25.2021

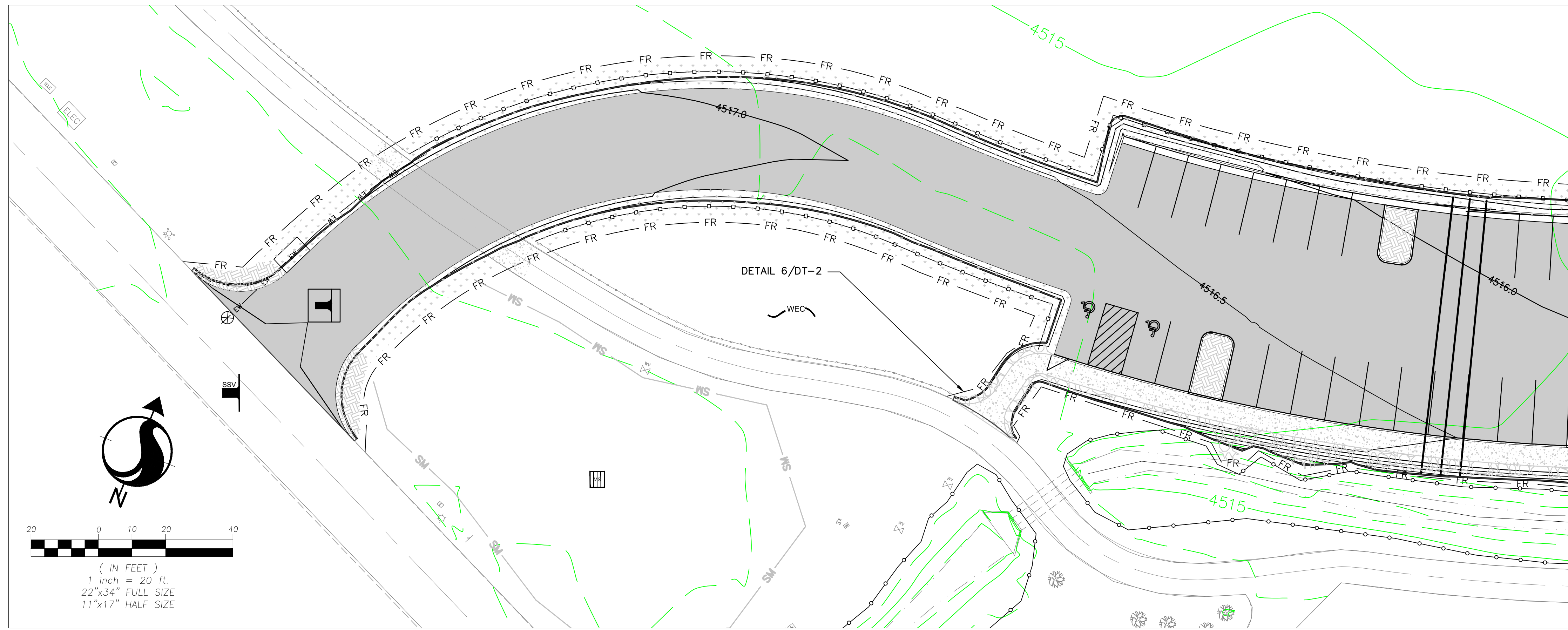
Project Number:	204256670
File Name:	01587_GERP_LP.DWG

##	##	BS	20.03.25
Dwn.	Chkd.	Dsgn.	Y:MM:DD

Drawing No. LP-3

Revision Sheet

\\11817-cad\11817-01587_LP.dwg - with drawings of sheet\01587_GERP_LP.dwg
2021/02/01 12:23 AM by: pfr@stn.com

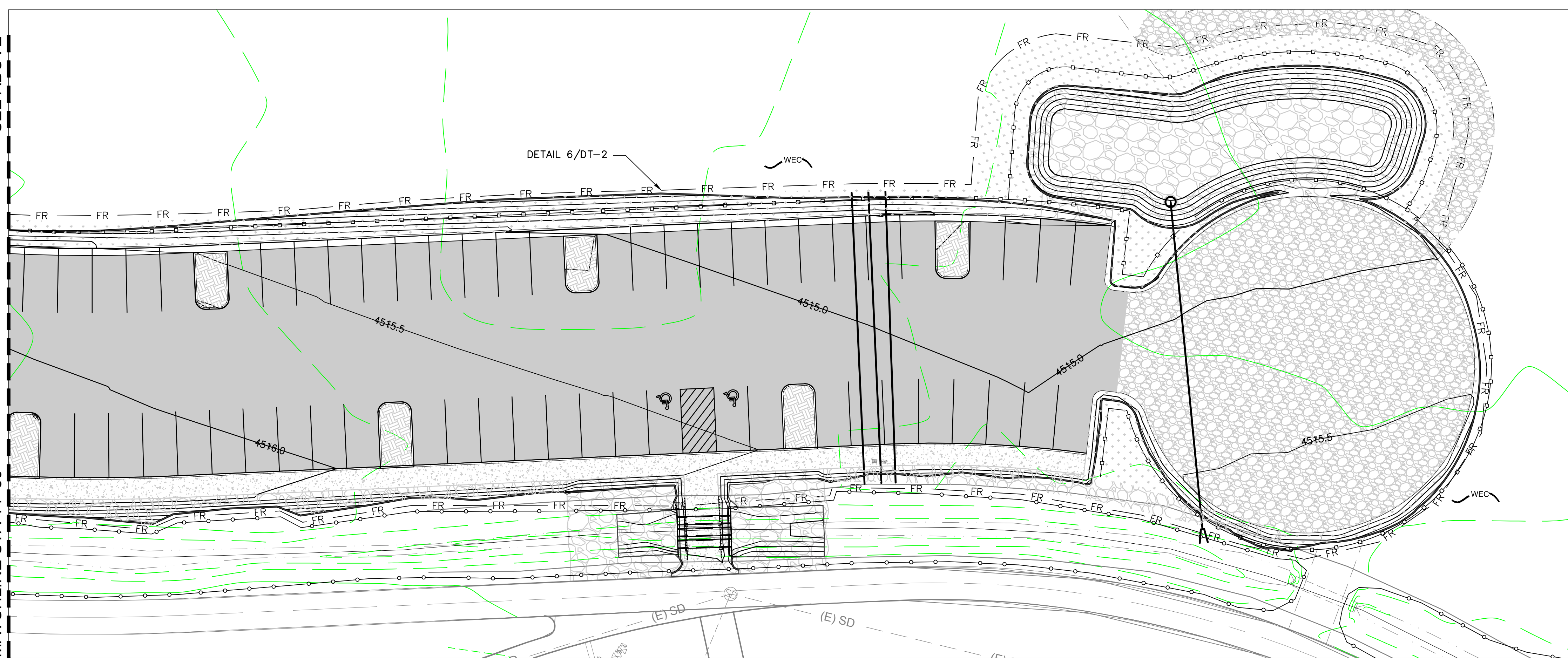


SEE BELOW

MATCHLINE STA 14+50

GENERAL NOTES FOR STORMWATER POLLUTION PREVENTION PLAN

- A. ALL PUBLIC RIGHT OF WAYS LOCATED ADJACENT TO THE SITE MUST BE CLEANED DAILY OF ALL SEDIMENT OR WASTES THAT ORIGINATE FROM THE SITE.
- B. BMP'S IN ADDITION TO THOSE INDICATED IN THE SWPPP MAY BE REQUIRED IF THEY DON'T MEET LOCAL PERFORMANCE STANDARDS.
- C. TEMPORARY OR PERMANENT STABILIZATION MUST BE APPLIED NO LATER THAN 14 DAYS TO ALL DISTURBED SOILS, INCLUDING STOCKPILES, WHERE CONSTRUCTION ACTIVITY HAS CEASED.
- D. ALL BMP'S MUST BE INSPECTED WEEKLY, PRIOR TO FORECASTED RAIN EVENTS, AND WITHIN 24-HOURS AFTER ANY EVENT THAT CREATES RUNOFF AT THE SITE.
- E. ACCUMULATED SEDIMENT MUST BE REMOVED FROM BMP'S WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 50-PERCENT OR MORE. SEDIMENT MUST ALSO BE REMOVED WITHIN SEVEN DAYS AFTER A RUNOFF EVENT OR PRIOR TO THE NEXT FORECASTED RAIN EVENT, WHICHEVER IS EARLIER.
- F. CONSTRUCTION ENTRANCE/EXIT; LOCATIONS OF STAGING, BORROW AND STOCKPILING AREAS; VEHICLE AND EQUIPMENT STORAGE LOCATIONS; ONSITE AND OFFSITE MATERIAL AND WASTE STORAGE AREAS, LOCATION OF CONCRETE WASHOUT AREA AND OTHER MISCELLANEOUS SHALL BE DETERMINED BY THE CONTRACTOR PER AGENCY GUIDANCE.
- G. THE CONTRACTOR SHALL COMPLY WITH THE NEVADA DEPARTMENT OF ENVIRONMENTAL PROTECTION AND WASHOE COUNTY PERMITTING AND BMP GUIDELINES.
- H. PRELIMINARY BMP PLAN, CONTRACTOR RESPONSIBLE FOR FINAL BMP AND SWPPP PLANS.
- I. CONTRACTOR SHALL SALVAGE AND STOCKPILE TOPSOIL FOR RE-USE PER THE LANDSCAPE DESIGN PLANS.
- J. REFER TO THE PRELIMINARY SWPPP FOR FURTHER BMP MEASURES.
- K. COORDINATE WITH OTHER ONGOING PROJECTS OCCURRING IN THE AREA.



MATCHLINE STA 14+50

SEE ABOVE

LEGEND

- WIND EROSION AND DUST CONTROL
- RIPRAP
- FIBER ROLL
- SILT FENCE
- PROPOSED DECORATIVE FENCING
- STREET SWEEPING
- MATERIAL DELIVERY, HANDLING STORAGE & USE
- CONSTRUCTION SITE ENTRANCES AND EXITS
- PAVEMENT CONSTRUCTION
- AC PAVEMENT GRINDINGS
- REVEGETATION PER LANDSCAPE PLAN
- CONCRETE



Revision	By	App'd.	Y/M/MD
1	ISSUED FOR BIDDING	HZ	21.01.25
	ISSUED	YY	YY/MM/DD

Client/Project
CITY OF SPARKS

Project Number:
204256670

File Name:
01587_GERP_SW.DWG

Golden Eagle Regional Park
Little League Parking Lot Addition
Sparks, NV

Title
STORM WATER POLLUTION PREVENTION PLAN

Permit-Seal

26 JAN 2021

Project Number: 204256670

File Name: 01587_GERP_SW.DWG

Hz	Tm	Ca	20.03.25
Dwn	Chkd	Desgn	YYMMDD

Drawing No. SW-1

Revision Sheet

0 14 of 20

S:\1817\civil\1817\1817_GERP_SWPPP.dwg, with drawing of sheets\01587_GERP_SW.dwg
2021.02.01 12:23 AM by: PRR:grj

DRAWING SCHEDULE

SHEET	DESCRIPTION	PERMIT DRAWWINGS FEBRUARY 14, 2020
EO.1	ELECTRICAL LEGEND & DRAWING SCHEDULE	●
EO.2	ELECTRICAL SPECIFICATIONS	●
EO.3	FIXTURE SCHEDULE & ENERGY COMPLIANCE FORMS	●
EO.4	DETAILS	●
EI.1	OVERALL ELECTRICAL SITE PLAN	●
E2.1	SITE LIGHTING PLAN	●
TOTAL SHEETS IN ISSUE:		6

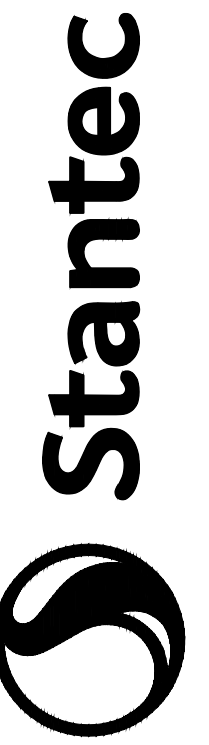
ELECTRICAL LEGEND

<p>■ PANELBOARD: SURFACE MOUNTED</p> <p>■ PANELBOARD: FLUSH MOUNTED</p> <p>▨ SWITCHBOARD OR DISTRIBUTION PANEL</p> <p>⊞ TRANSFORMER</p> <p>⊞ FULLBOX / VAULT</p> <p>⊞ MOTOR STARTER</p> <p>⊞ COMBINATION MOTOR STARTER</p> <p>⊞ COMBINATION MOTOR STARTER PROVIDED BY OTHERS</p> <p>⊞ DISCONNECT SWITCH - FUSIBLE (FUSED PER EQUIP. NAMEPLATE)</p> <p>⊞ DISCONNECT SWITCH - NON-FUSIBLE</p> <p>⊞ DISCONNECT SWITCH PROVIDED BY OTHERS</p> <p>⊞ VARIABLE FREQUENCY DRIVE</p> <p>⊞ VARIABLE FREQUENCY DRIVE PROVIDED BY OTHERS</p> <p>⊞ ENCLOSED CIRCUIT BREAKER</p> <p>⊞ GROUND ROD</p> <p>⊞ SHUNT TRIP STATION OR EMERGENCY PUSHBUTTON</p> <p>⊞ REMOTE METER</p>	<p>⊞ SINGLE RECEPTACLE: 20A, 125V, NEMA 5-20, +18" AFF (UNO)</p> <p>⊞ DUPLEX RECEPTACLE: 20A, 125V, NEMA 5-20, +18" AFF (UNO)</p> <p>⊞ DUPLEX RECEPTACLE: HALF SWITCHED</p> <p>⊞ DUPLEX RECEPTACLE: FLOOR MOUNTED</p> <p>⊞ QUAD RECEPTACLE: 20A, 125V, NEMA 5-20, +18" AFF (UNO)</p> <p>⊞ QUAD RECEPTACLE: FLOOR MOUNTED</p> <p>⊞ ISOLATED GROUND TYPE RECEPTACLE (ORANGE TRIANGLE) - 20A, 125V, NEMA 5-20IG, +18" AFF (UNO)</p> <p>⊞ DUPLEX RECEPTACLE GFI TYPE - 20A, 125V, NEMA 5-20 GFI +18" AFF (UNO)</p> <p>⊞ DUPLEX RECEPTACLE: ABOVE COUNTER (VERIFY HEIGHT)</p> <p>⊞ SPECIAL PURPOSE RECEPT.: SEE DWGS FOR NEMA CONFIG.</p> <p>⊞ DUPLEX RECEPTACLE: CEILING MOUNTED</p> <p>⊞ MULTI-OUTLET ASSEMBLY: SPACING PER DWGS</p>	<p>⊞ GROUND FAULT INTERRUPTER DEVICE</p> <p>⊞ METERING DEVICE</p> <p>⊞ REMOTE METER</p> <p>⊞ SHUNT TRIP DEVICE</p> <p>⊞ TRANSFORMER</p> <p>⊞ CURRENT TRANSFORMER</p> <p>⊞ GENERATOR</p> <p>⊞ MOTOR - # INDICATES HP</p> <p>⊞ INTERRUPTER SWITCH</p> <p>⊞ GROUND FAULT RELAY W/ CT OR SENSOR</p> <p>⊞ FUSE</p> <p>⊞ CIRCUIT BREAKER</p> <p>⊞ DRAWOUT CIRCUIT BREAKER</p> <p>⊞ TRANSFER SWITCH (A=AUTOMATIC, M=MANUAL) # FOR POLES 2, 3 OR 4</p> <p>⊞ SURGE PROTECTION DEVICE</p>	<p>A AMPS</p> <p>ADA AMERICANS WITH DISABILITIES ACT</p> <p>AFC ABOVE FINISHED CEILING</p> <p>AFCI ARC-FAULT CIRCUIT INTERRUPTER</p> <p>AFF ABOVE FINISHED FLOOR</p> <p>AFG ABOVE FINISHED GRADE</p> <p>AHJ AUTHORITY HAVING JURISDICTION</p> <p>AIC AMP INTERRUPTING CAPACITY</p> <p>AL ALUMINUM</p> <p>ATS AUTOMATIC TRANSFER SWITCH</p> <p>AWG AMERICAN WIRE GAUGE</p> <p>BC BARE COPPER</p> <p>BKR BREAKER</p> <p>C CONDUIT/RACEWAY</p> <p>CEC CALIFORNIA ENERGY COMMISSION</p> <p>CKT CIRCUIT</p> <p>CLG CEILING</p> <p>CO CONDUIT/RACEWAY ONLY</p> <p>CT CURRENT TRANSFORMER</p> <p>CU COPPER</p> <p>DB DISTRIBUTION BOARD</p> <p>DDC DIRECT DIGITAL CONTROLLER</p> <p>DPDT DOUBLE-POLE, DOUBLE-THROW</p> <p>DPST DOUBLE-POLE, SINGLE-THROW</p> <p>DWG DRAWING</p> <p>(E) EXISTING TO REMAIN</p> <p>ELEC ELECTRICAL</p> <p>EMT EMERGENCY</p> <p>EMT ELECTRICAL METALLIC TUBING</p> <p>(F) FUTURE</p> <p>FLA FULL LOAD AMPS</p> <p>FMC FLEXIBLE METAL CONDUIT (STEEL)</p> <p>FFEN FUSE PER EQUIP. NAMEPLATE</p> <p>GFI GROUND FAULT INTERRUPT</p> <p>GFR GROUND FAULT RELAY</p> <p>GND GROUND</p> <p>HID HIGH INTENSITY DISCHARGE</p> <p>HOA HAND-OFF-AUTO SWITCH</p> <p>HP HORSEPOWER</p> <p>HSP HOUSEKEEPING</p> <p>IMC INTERMEDIATE METAL CONDUIT</p> <p>J-BOX JUNCTION BOX</p> <p>K kcmil (BOOK = 300 kcmil)</p> <p>KVA KILOVOLT AMPS</p> <p>KW KILOWATT</p> <p>LTG LIGHTING</p> <p>IG ISOLATED GROUND</p> <p>MCB MAIN CIRCUIT BREAKER</p> <p>MCM THOUSAND CIRCULAR MILS</p> <p>MFG MANUFACTURER</p> <p>MLO MAIN LUGS ONLY</p> <p>MS MOTOR STARTER</p> <p>MSB MAIN SWITCHBOARD</p> <p>MTS MANUAL TRANSFER SWITCH</p> <p>NC NORMALLY CLOSED</p> <p>NEC NATIONAL ELECTRICAL CODE</p> <p>NEMA NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION</p> <p>NOT IN CONTRACT NOT IN CONTRACT</p> <p>NIGHT LIGHT NIGHTLIGHT</p> <p>NO NORMALLY OPEN</p> <p>NTS NOT TO SCALE</p> <p>NVE NY ENERGY</p> <p>NVE FOLE</p> <p>PH/φ PHASE</p> <p>PV PHOTOVOLTAIC</p> <p>PANL PANEL</p> <p>PV USA TEST CONDITIONS</p> <p>PWR POWER</p> <p>(R) RELOCATED</p> <p>RAC RIGID ALUMINUM CONDUIT</p> <p>RFC RIGID FIBERGLASS CONDUIT</p> <p>RSC RIGID STEEL CONDUIT</p> <p>SE SERVICE ENTRANCE</p> <p>SPD SURGE PROTECTION DEVICE</p> <p>SPDT SINGLE-POLE, DOUBLE-THROW</p> <p>SPST SINGLE-POLE, SINGLE-THROW</p> <p>STC STANDARD TEST CONDITIONS</p> <p>SW SWITCH</p> <p>TE TELECOM</p> <p>TELEPHONE TERMINATION BOARD</p> <p>TYP TYPICAL</p> <p>UL UNDERWRITER'S LABORATORY</p> <p>UNO UNLESS NOTED OTHERWISE</p> <p>UNSW UNSWITCHED</p> <p>UPS UNINTERRUPTED POWER SUPPLY</p> <p>V VOLTS</p> <p>VA VOLT AMPS</p> <p>VFD VARIABLE FREQUENCY DRIVE</p> <p>W WATTS</p> <p>WP WEATHER PROOF</p> <p>(X) EXISTING TO BE REMOVED</p> <p>XFMR OR XF TRANSFORMER</p>			
<p>S SINGLE POLE SWITCH 48" AFF (UNO)</p> <p>S₃ THREE WAY SWITCH 48" AFF (UNO)</p> <p>S₄ FOUR WAY SWITCH 48" AFF (UNO)</p> <p>S_K KEY OPERATED SWITCH 48" AFF (UNO)</p> <p>S_L SWITCH WITH LIGHTED HANDLE</p> <p>S_M MANUAL MOTOR STARTER</p> <p>S_P SWITCH WITH PILOT LIGHT 48" AFF (UNO)</p> <p>S_T TIME WALL SWITCH 48" AFF (UNO)</p> <p>D DIMMER OPERATED SWITCH 48" AFF (UNO)</p> <p>♦ OCCUPANCY SENSOR - WALL MOUNTED 48" AFF (UNO)</p> <p>⊞ = 360° OCCUPANCY SENSOR - CEILING MOUNTED. ARROWS INDICATE COVERAGE, DIRECTION & PATTERN. PROVIDE WITH POWER PACK PER MFG REQUIREMENTS.</p> <p>⊞ = 180°</p> <p>⊞ = 90°</p> <p>⊞ CONTROL STATION</p> <p>⊞ CONTACTOR OR RELAY</p> <p>⊞ PHOTOELECTRIC CELL (ON ROOF FACING NORTH UNO)</p> <p>⊞ TIMECLOCK</p>	<p>▽ DATA / VOICE OUTLET: 18" AFF (UNO) - 1 VOICE, 1 DATA JACK, 2 BLANKS</p> <p>▽ DATA / VOICE OUTLET: FLOOR MOUNTED</p> <p>▽ DATA / VOICE OUTLET: ABOVE COUNTER (VERIFY HEIGHT)</p> <p>▽▽▽ MULTI-OUTLET ASSEMBLY: SPACING PER DWGS</p> <p>▽ TELEPHONE OUTLET: 18" AFF (UNO)</p> <p>▽ DATA OUTLET: 18" AFF (UNO)</p> <p>⊞ SPEAKER</p> <p>⊞ TELEVISION OUTLET: 18" AFF (UNO)</p> <p>⊞ TELEPHONE TERMINAL BOARD (TTB)</p> <p>⊞ VOLUME CONTROL</p> <p>⊞ GROUNDING BAR</p>	<p>⊞ LIGHTING FIXTURE - LOWERCASE LETTER DENOTES SWITCHING (a = CENTER LAMP, b = OUTER LAMPS)</p> <p>⊞ WALL MOUNTED FIXTURE</p> <p>⊞ RECESSED DOWNLIGHT</p> <p>⊞ SURFACE LUMINAIRE</p> <p>⊞ POLE MOUNTED LIGHT (# OF HEADS INDICATED ON DRAWING)</p> <p>⊞ FLUORESCENT STRIP FIXTURE</p> <p>⊞ BOLLARD</p> <p>⊞ RECESSED DOWNLIGHT (WALL WASH)</p> <p>⊞ TRACK LIGHTING</p> <p>⊞ EMERGENCY LIGHTING UNIT</p> <p>⊞ EXIT SIGN FIXTURE - SHADED AREA DENOTES LIGHTED FACE - ARROWS DENOTE DIRECTION</p> <p>⊞ EMERGENCY FIXTURE</p>	<p>⊞ THERMOSTAT (PROVIDED BY MECH. CONTRACTOR UNO)</p> <p>⊞ JUNCTION BOX (SIZE AS REQUIRED UNO)</p> <p>⊞ SHEET NOTE DESIGNATION</p> <p>⊞ FIXTURE DESIGNATION: FI=TYPE (SEE FIXTURE SCH.)</p> <p>⊞ REVISION DELTA: NUMBER REPRESENTS REVISION</p> <p>⊞ FEEDER DESIGNATION</p> <p>⊞ EQUIPMENT CONNECTION</p>	<p>20 SINGLE POLE CIRCUIT BREAKER</p> <p>20/2 TWO POLE CIRCUIT BREAKER</p> <p>20/3 THREE POLE CIRCUIT BREAKER</p> <p>20A ARC FAULT CIRCUIT BREAKER</p> <p>20C CONTROLLABLE CIRCUIT BREAKER</p> <p>20G GFI CIRCUIT BREAKER</p> <p>L = LIGHTING</p> <p>R = RECEPTACLES</p> <p>E = EQUIPMENT</p> <p>M = MOTOR</p> <p>MI = LARGEST MOTOR</p> <p>K = KITCHEN EQUIP</p> <p>H = ELECTRIC HEAT</p>	<p>⊞ NORMALLY OPEN (NO) CONTACT</p> <p>⊞ NORMALLY CLOSED (NC) CONTACT</p> <p>⊞ COIL - VOLTAGE PER CONTROL DIAGRAMS</p> <p>⊞ PILOT LIGHT (LED) PUSH-TO-TEST. LETTER INDICATES COLOR (R=RED, G=GREEN, A=AMBER, Y=YELLOW)</p> <p>⊞ PILOT LIGHT (LED) NON PUSH-TO-TEST</p> <p>⊞ THERMAL OVERLOAD</p> <p>⊞ MAGNETIC OVERLOAD</p> <p>⊞ PUSH BUTTON NORMALLY OPEN (NO)</p> <p>⊞ PUSH BUTTON NORMALLY CLOSED (NC)</p> <p>⊞ HAND-OFF-AUTO (HOA) SELECTOR SWITCH</p> <p>⊞ LIMIT SWITCH NORMALLY OPEN (NO)</p> <p>⊞ LIMIT SWITCH NORMALLY CLOSED (NC)</p> <p>⊞ PUSH BUTTON ILLUMINATED (LED)</p>	<p>TICS = NO. OF #12 WIRES (UNO) IF MORE THAN TWO WITHIN RACEWAY. GROUNDING CONDUCTOR (NOT SHOWN) ALWAYS REQUIRED.</p> <p>⊞ ISOLATED GROUNDING CONDUCTOR</p> <p>⊞ NEUTRAL CONDUCTOR</p> <p>⊞ PHASE CONDUCTOR(S)</p> <p>⊞ BRANCH CIRCUIT (WHEN TIC MARKS ARE NOT SHOWN) = (1) PHASE, (1) NEUTRAL AND (1) GROUNDING CONDUCTOR</p> <p>⊞ HOMERUN TO PANELBOARD OR DEVICE</p> <p>HA-(1,3,3)G HOMERUN CIRCUIT DESIGNATION</p> <p>⊞ GROUNDING CONDUCTOR</p> <p>⊞ NEUTRAL CONDUCTOR (N=1, 2N=2 NEUTRALS, 3N=3 NEUTRALS)</p> <p>⊞ PHASE CONDUCTOR(S)</p> <p>⊞ PANELBOARD DESIGNATION</p> <p>HA-(1,3,5)G HOMERUN CIRCUIT DESIGNATION (3 PHASE CIRCUIT SHOWN)</p> <p>⊞ GROUNDING CONDUCTOR</p> <p>⊞ PHASE CONDUCTOR(S)</p> <p>⊞ PANELBOARD DESIGNATION</p>
<p>— CONDUIT/RACEWAY IN WALL OR ABOVE CEILING</p> <p>- - - CONDUIT/RACEWAY BELOW GRADE OR BELOW FLOOR</p> <p>o CONDUIT/RACEWAY UP</p> <p>• CONDUIT/RACEWAY DOWN</p> <p>— } BREAK OR RUN CONTINUES</p> <p>— OH — OVERHEAD SERVICE</p> <p>— P — PRIMARY</p> <p>— S — SECONDARY</p> <p>— C — COMMUNICATIONS OR SIGNAL</p> <p>— T — TELEPHONE</p> <p>— TV — TELEVISION</p> <p>— • — LOW VOLTAGE AND/OR CONTROL WIRING</p> <p>- * - * - EMERGENCY CIRCUIT</p> <p>—] CONDUIT/RACEWAY STUB OUT: MARK AND CAP (SITE)</p> <p>[—] CONDUIT/RACEWAY SLEEVE</p>	<p>⊞ LIGHTING FIXTURE - LOWERCASE LETTER DENOTES SWITCHING (a = CENTER LAMP, b = OUTER LAMPS)</p> <p>⊞ WALL MOUNTED FIXTURE</p> <p>⊞ RECESSED DOWNLIGHT</p> <p>⊞ SURFACE LUMINAIRE</p> <p>⊞ POLE MOUNTED LIGHT (# OF HEADS INDICATED ON DRAWING)</p> <p>⊞ FLUORESCENT STRIP FIXTURE</p> <p>⊞ BOLLARD</p> <p>⊞ RECESSED DOWNLIGHT (WALL WASH)</p> <p>⊞ TRACK LIGHTING</p> <p>⊞ EMERGENCY LIGHTING UNIT</p> <p>⊞ EXIT SIGN FIXTURE - SHADED AREA DENOTES LIGHTED FACE - ARROWS DENOTE DIRECTION</p> <p>⊞ EMERGENCY FIXTURE</p>	<p>⊞ THERMOSTAT (PROVIDED BY MECH. CONTRACTOR UNO)</p> <p>⊞ JUNCTION BOX (SIZE AS REQUIRED UNO)</p> <p>⊞ SHEET NOTE DESIGNATION</p> <p>⊞ FIXTURE DESIGNATION: FI=TYPE (SEE FIXTURE SCH.)</p> <p>⊞ REVISION DELTA: NUMBER REPRESENTS REVISION</p> <p>⊞ FEEDER DESIGNATION</p> <p>⊞ EQUIPMENT CONNECTION</p>	<p>20 SINGLE POLE CIRCUIT BREAKER</p> <p>20/2 TWO POLE CIRCUIT BREAKER</p> <p>20/3 THREE POLE CIRCUIT BREAKER</p> <p>20A ARC FAULT CIRCUIT BREAKER</p> <p>20C CONTROLLABLE CIRCUIT BREAKER</p> <p>20G GFI CIRCUIT BREAKER</p> <p>L = LIGHTING</p> <p>R = RECEPTACLES</p> <p>E = EQUIPMENT</p> <p>M = MOTOR</p> <p>MI = LARGEST MOTOR</p> <p>K = KITCHEN EQUIP</p> <p>H = ELECTRIC HEAT</p>	<p>⊞ NORMALLY OPEN (NO) CONTACT</p> <p>⊞ NORMALLY CLOSED (NC) CONTACT</p> <p>⊞ COIL - VOLTAGE PER CONTROL DIAGRAMS</p> <p>⊞ PILOT LIGHT (LED) PUSH-TO-TEST. LETTER INDICATES COLOR (R=RED, G=GREEN, A=AMBER, Y=YELLOW)</p> <p>⊞ PILOT LIGHT (LED) NON PUSH-TO-TEST</p> <p>⊞ THERMAL OVERLOAD</p> <p>⊞ MAGNETIC OVERLOAD</p> <p>⊞ PUSH BUTTON NORMALLY OPEN (NO)</p> <p>⊞ PUSH BUTTON NORMALLY CLOSED (NC)</p> <p>⊞ HAND-OFF-AUTO (HOA) SELECTOR SWITCH</p> <p>⊞ LIMIT SWITCH NORMALLY OPEN (NO)</p> <p>⊞ LIMIT SWITCH NORMALLY CLOSED (NC)</p> <p>⊞ PUSH BUTTON ILLUMINATED (LED)</p>	<p>TICS = NO. OF #12 WIRES (UNO) IF MORE THAN TWO WITHIN RACEWAY. GROUNDING CONDUCTOR (NOT SHOWN) ALWAYS REQUIRED.</p> <p>⊞ ISOLATED GROUNDING CONDUCTOR</p> <p>⊞ NEUTRAL CONDUCTOR</p> <p>⊞ PHASE CONDUCTOR(S)</p> <p>⊞ BRANCH CIRCUIT (WHEN TIC MARKS ARE NOT SHOWN) = (1) PHASE, (1) NEUTRAL AND (1) GROUNDING CONDUCTOR</p> <p>⊞ HOMERUN TO PANELBOARD OR DEVICE</p> <p>HA-(1,3,3)G HOMERUN CIRCUIT DESIGNATION</p> <p>⊞ GROUNDING CONDUCTOR</p> <p>⊞ NEUTRAL CONDUCTOR (N=1, 2N=2 NEUTRALS, 3N=3 NEUTRALS)</p> <p>⊞ PHASE CONDUCTOR(S)</p> <p>⊞ PANELBOARD DESIGNATION</p> <p>HA-(1,3,5)G HOMERUN CIRCUIT DESIGNATION (3 PHASE CIRCUIT SHOWN)</p> <p>⊞ GROUNDING CONDUCTOR</p> <p>⊞ PHASE CONDUCTOR(S)</p> <p>⊞ PANELBOARD DESIGNATION</p>	

NOTE: THIS IS A MASTER SYMBOL LIST. IT MAY BE THAT NOT ALL SYMBOLS SHOWN ARE USED WITHIN THIS SET OF PLANS. HEIGHTS GIVEN ARE TO CENTER LINE OF DEVICE.

© 2008-2011 PK ELECTRICAL, INC.

AUGUST 2011



6995 Sierra Center Parkway
Sparks, NV, 89511
www.stantec.com

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Stantec, without delay. The Copyright to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

NO.	DATE	BY	APP'D.
3	20.07.22	KDP	
2	20.06.18	KDP	
1	20.02.14	KDP	

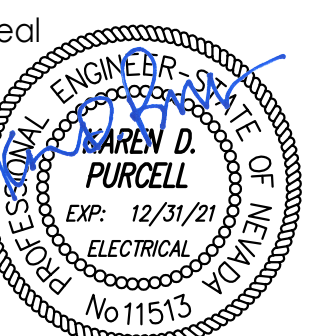
ISSUED

Client/Project
CITY OF SPARKS

GOLDEN EAGLE REGIONAL PARK
LITTLE LEAGUE PARKING LOT ADDITION
Sparks, NV

Title
Electrical Legend & Drawing Schedule

Permit Seal



02/11/2021

Project Number: 180101587



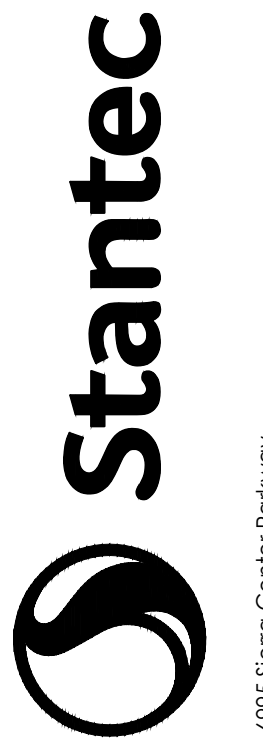
PK Electrical, Inc.
Engineering · Design · Consulting

681 Sierra Rose Dr., Ste. B | Reno, Nevada 89511 | 775.826.9010
5105 DTC Parkway Suite 420 | Greenwood Village, Colorado 80111 | 720.481.3290
pkelctrcal.com © 2008-2011 PK Electrical, Inc. 18007

Drawing No. E0.1
Revision Sheet

SECTION 260000 ELECTRICAL SPECIFICATIONS

Table with 4 columns: ITEM, DESCRIPTION, ITEM, DESCRIPTION, ITEM, DESCRIPTION, ITEM, DESCRIPTION. Contains detailed electrical specifications for various components and systems.



695 Sierra Center Parkway Sparks, NV 89511 www.stantec.com

Table with 3 columns: No., Description, Date. Includes entries for PLAN REVISION - DELTA 2, PLAN REVIEW RESPONSE - DELTA 1, and ISSUED FOR BIDDING.

Client/Project: CITY OF SPARKS. Golden League Regional Park Little League Parking Lot Addition. Sparks, NV. Title: Specifications. Permit Seal: Professional Engineer, State of Nevada, No. 11513, Karen D. Purcell.

PK Electrical, Inc. 695 Sierra Center Parkway, Sparks, NV 89511. 775.836.9010. 5105 DTC Parkway Suite 420 | Greenwood Village, Colorado 80111 | 720.481.3290. pkelectrical.com © 2008-2011 PK Electrical, Inc. 18007



COMcheck Software Version 4.1.1.0

Exterior Lighting Compliance Certificate

Project Information

Energy Code:	2018 IECC
Project Title:	Golden Eagle Regional Park
Project Type:	New Construction
Exterior Lighting Zone:	2 (Residential mixed use area)

Construction Site:	Owner/Agent:	Designer/Contractor:
Sparks, NV 89436	City of Sparks	PK Electrical, Inc. 681 Sierra Rose Suite B Reno, NV 89511 775-826-9010

Allowed Exterior Lighting Power

A Area/Surface Category	B Quantity	C Allowed Watts / Unit	D Tradable Wattage	E Allowed Watts (B X C)
North Parking Lot (Parking area)	35484 ft2	0.04	Yes	1419
		Total Tradable Watts (a) =		1419
		Total Allowed Supplemental Watts (b) =		400
Total Allowed Watts = 1419				
(a) Wattage tradeoffs are only allowed between tradable areas/surfaces. (b) A supplemental allowance equal to 400 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.				

Proposed Exterior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
LED 1: SP3: Decorative LED Area Fixture: Other:	1	2	67	134
LED 2: S1: Single Head LED Area Light: Other:	1	10	54	540
Total Tradable Proposed Watts =				674

Exterior Lighting PASSES: Design 63% better than code

Exterior Lighting Compliance Statement
Compliance Statement: The proposed exterior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed exterior lighting systems have been designed to meet the 2018 IECC requirements in COMcheck Version 4.1.1.0 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title _____ Signature _____ Date _____

LIGHTING FIXTURE SCHEDULE

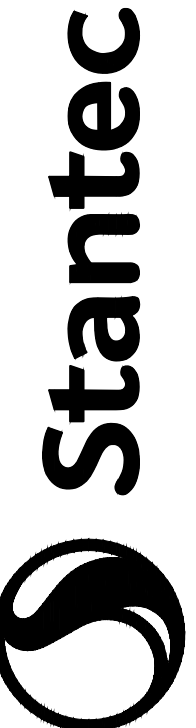
PK ELECTRICAL, INC. @ 2007

LIGHTING FIXTURE CATALOG NUMBERS ARE SERIES TYPE ONLY. PROVIDE TRIMS, BALLASTS, MOUNTING EQUIPMENT, FITTINGS AND LAMPS AS REQUIRED BY THE SPECIFICATIONS AND PROJECT CONDITIONS FOR A COMPLETE INSTALLATION. THIS IS NOT A STANDALONE SCHEDULE AND FIXTURES MUST INCORPORATE ALL WORK INDICATED OR IMPLIED THROUGHOUT THE DRAWINGS AND SPECIFICATIONS.

- SUBSTITUTION DEFINITIONS**
- OR EQUAL = EQUAL OR SUPERIOR TO SPECIFIED IN ALL RESPECTS WILL BE ALLOWED. ENGINEER'S PRE-BID APPROVAL IS NOT REQUIRED. PROPOSED EQUAL FIXTURES ARE SUBJECT TO REVIEW DURING THE STANDARD SUBMITTAL PROCESS.
 - NO EQUAL = PROVIDE SPECIFIED FIXTURE. SUBSTITUTIONS ARE NOT ALLOWED.
 - SUBJECT TO REVIEW = EQUAL OR SUPERIOR TO SPECIFIED IN ALL RESPECTS MAY BE ALLOWED ONLY WITH ENGINEER'S APPROVAL. ALL SUBSTITUTIONS MUST BE SUBMITTED AS REQUIRED BY SPECIFICATIONS AND ACCOMPANIED WITH POINT BY POINT LIGHTING CALCULATIONS. DETERMINATION OF EQUAL IS ENGINEER'S SOLE DISCRETION.

TYPE	SYMBOL	DESCRIPTION AND MANUFACTURER
SP3		LED, PENDANT MOUNTED DECORATIVE SINGLE HEAD AREA LIGHTING FIXTURE. PROVIDE WITH FLAT CLEAR GLASS, 4000K COLOR TEMPERATURE. PROVIDE 20' TAPERED STEEL POLE AND CURVED MOUNTING ARM. TEXTURED BLACK FINISH. LAMP: LED VOLTAGE: 480V MANUFACTURER: CYCLONE LIGHTING #CR22PIA-F6C-3-60W-4K-480-BK-TX POLE #M266-C1-T50-BK-TX #P5C46-11-5A-B524-BK-TX
67		SUBSTITUTIONS: <input type="radio"/> OR EQUAL <input type="radio"/> SUBJECT TO REVIEW <input checked="" type="radio"/> NO EQUAL
S1		LED, SINGLE HEAD POLE MOUNTED AREA LIGHTING FIXTURE. 5000K COLOR TEMPERATURE PROVIDE WITH TYPE 4 MEDIUM OPTICS. PROVIDE 20' SQUARE STEEL POLE WITH VIBRATION DAMPENER. BLACK FINISH. LAMP: LED VOLTAGE: 480V MANUFACTURER: LITHONIA #DSXI-LED-PI-40K-T4M-480-SPA-D8LXD POLE #SS5-20-56-PT-DM19AS-VD-D8L
54		SUBSTITUTIONS: <input type="radio"/> OR EQUAL <input checked="" type="radio"/> SUBJECT TO REVIEW <input type="radio"/> NO EQUAL
LIGHTING SYSTEM FOOTCANDLE LEVELS ARE BASED ON THE UTILIZATION OF STANDARD REFLECTANCES OF 80-50-20 (CEILING-WALL-FLOOR) PER I.E.S. (ILLUMINATED ENGINEERING SOCIETY). THE ROOM SURFACES ARE USED AS AN INTEGRAL COMPONENT OF THE LIGHTING SYSTEMS. THE REFLECTANCE OF THE SURFACE PAINT COLOR, MATERIAL, AND OTHER ROOM SURFACES, DIRECTLY AFFECTS THE DELIVERY OF LIGHT TO THE WORK PLANE. A SIGNIFICANT DROP IN OVERALL LIGHTING LEVELS WILL OCCUR IF REFLECTANCES ARE LOWERED. THE ARCHITECT/OWNER SHALL NOTIFY THE ENGINEER IMMEDIATELY IF FINISHES DO NOT FALL IN LINE WITH THE REFLECTANCES MENTIONED ABOVE.		

11-Feb-21	PANEL: (E) HSB			LOCATION:				SERVICE SE-B				
TYPE	DESCRIPTION	LOAD	BKR	CIR	A	B	C	CIR	BKR	LOAD	DESCRIPTION	TYPE
	SPACE			1	0			2			SPACE	
	SPACE			3		0		4			SPACE	
L	SITE LIGHTING	1889	20/3	5			1889	6			SPACE	
L	X	1862	X	7	1862			8			SPACE	
L	X	1889	X	9		1889		10			SPACE	
	SPACE			11			0	12			SPACE	
	SPACE			13	0			14			SPACE	
	SPACE			15		0		16			SPACE	
	SPACE			17			0	18			SPACE	
	SPACE			19	0			20			SPACE	
	SPACE			21		0		22			SPACE	
	SPACE			23			0	24			SPACE	
	SPACE			25	0			26			SPACE	
	SPACE			27		0		28			SPACE	
	SPACE			29			0	30			SPACE	
	SPACE			31	9040			32	70/3	9040	SITE BOOSTER PUMP	M
	SPACE			33		9040		34	X	9040	X	M
	SPACE			35			9040	36	X	9040	X	M
	SPACE			37	6600			38	125/3	6600	XFMR T-LSB	E
	SPACE			39		7280		40	X	7280	X	E
	SPACE			41			6080	42	X	6080	X	E
					17502	18209	17009					
COPPER BUS SIZE:		225A	GROUND:		STANDARD		NOTES:					
VOLTAGE:		480	MOUNTING:		SURFACE							
PHASE:		3	ENCLOSURE:		NEMA 3R		BOLD INDICATES NEW OR MODIFIED LOADS					
WIRE:		4	# OF 1-POLE CIRCUITS		42							
LUGS:		MLO	CONNECTED KVA:		52.7							
BREAKER AIC RATING:		50000	CONNECTED AMPS:		63.4							
NEUTRAL:		100%	NET KVA:		52.7							
FEEDER OCPD SIZE:		225A	NET AMPS:		63.4		© 2008-2014 PK ELECTRICAL, INC.					



695 Sierra Center Parkway
Sparks, NV 89511
www.stantec.com

The Contractor shall verify and the engineer shall be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Stantec, without delay. The Copyright to all design and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

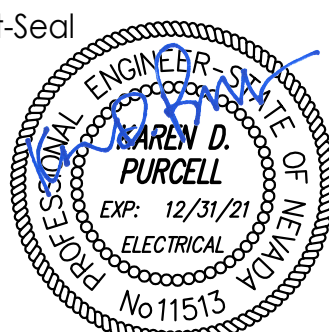
		20.07.22		
3	PLAN REVISION - DELIA-2	KDP		
2	PLAN REVIEW RESPONSE - DELIA-1	DH		
1	ISSUED FOR BIDDING	KDP		
		DH		
		KDP		
		DH		
				Appr.
				By
				Appr.
				By
				Appr.
				By
				Appr.
				By
				Appr.
				By
				Appr.
				By
				Appr.
				By

Client/Project
CITY OF SPARKS

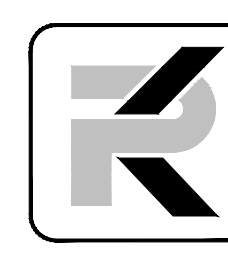
Title
GOLDEN EAGLE REGIONAL PARK
LITTLE LEAGUE PARKING LOT ADDITION

Sparks, NV

Permit-Seal



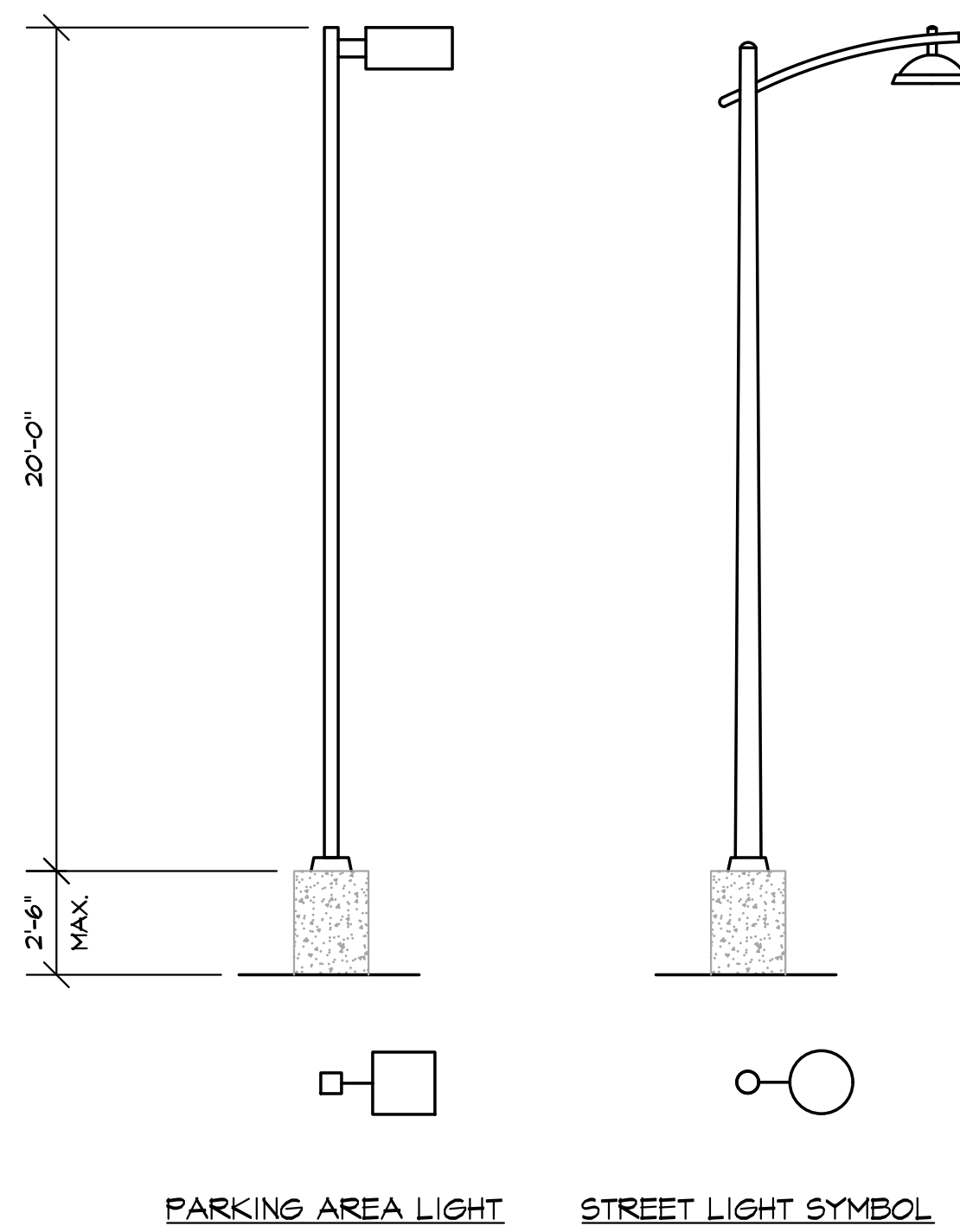
Project Number: 180101587



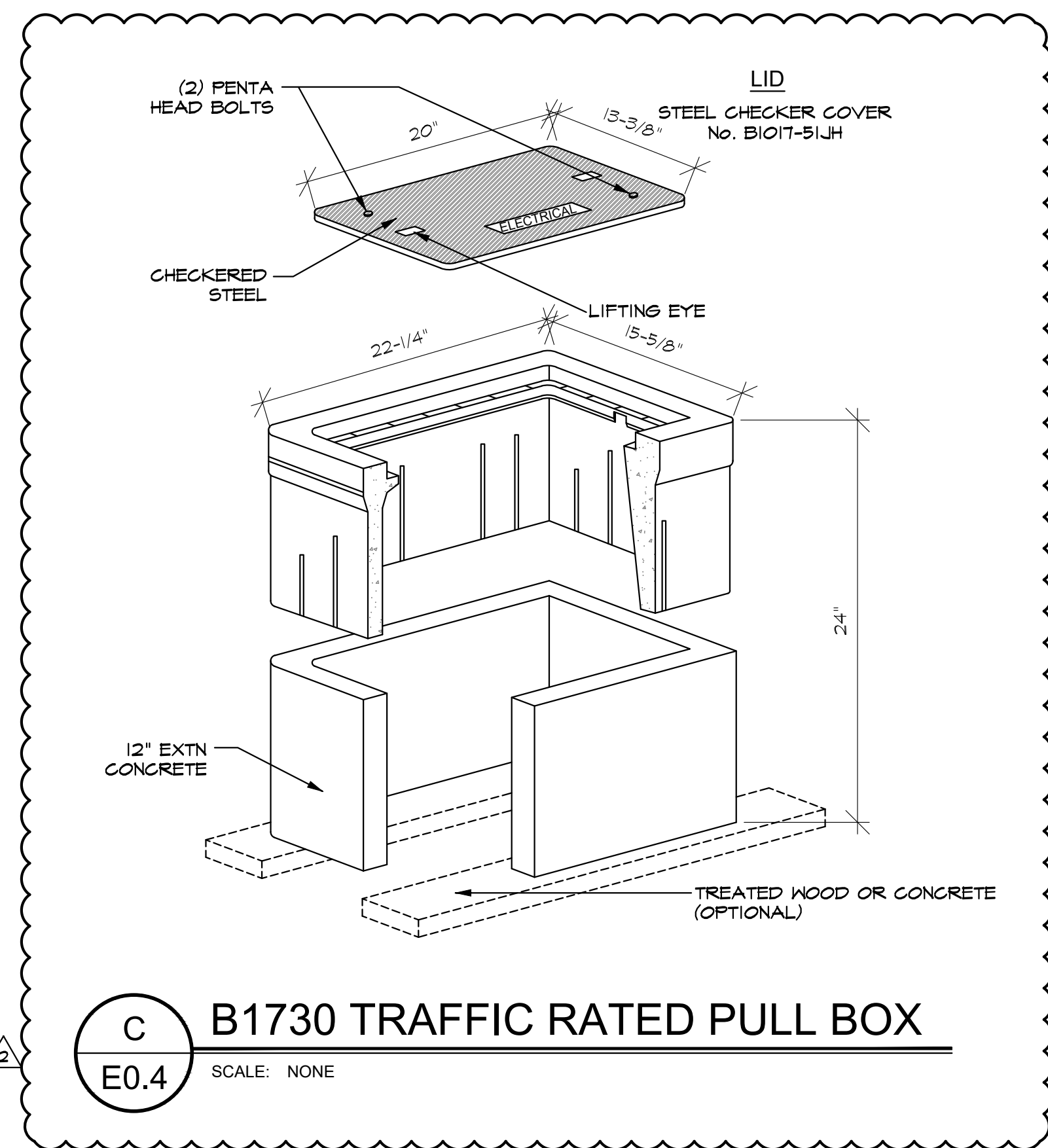
PK Electrical, Inc.
Engineering · Design · Consulting

681 Sierra Rose Dr., Ste. B | Reno, Nevada 89511 | 775.826.9010
5105 DTC Parkway Suite 420 | Greenwood Village, Colorado 80111 | 720.481.3290
pkelctrical.com © 2008-2011 PK Electrical, Inc. 18007

Drawing No. E0.3
Revision Sheet

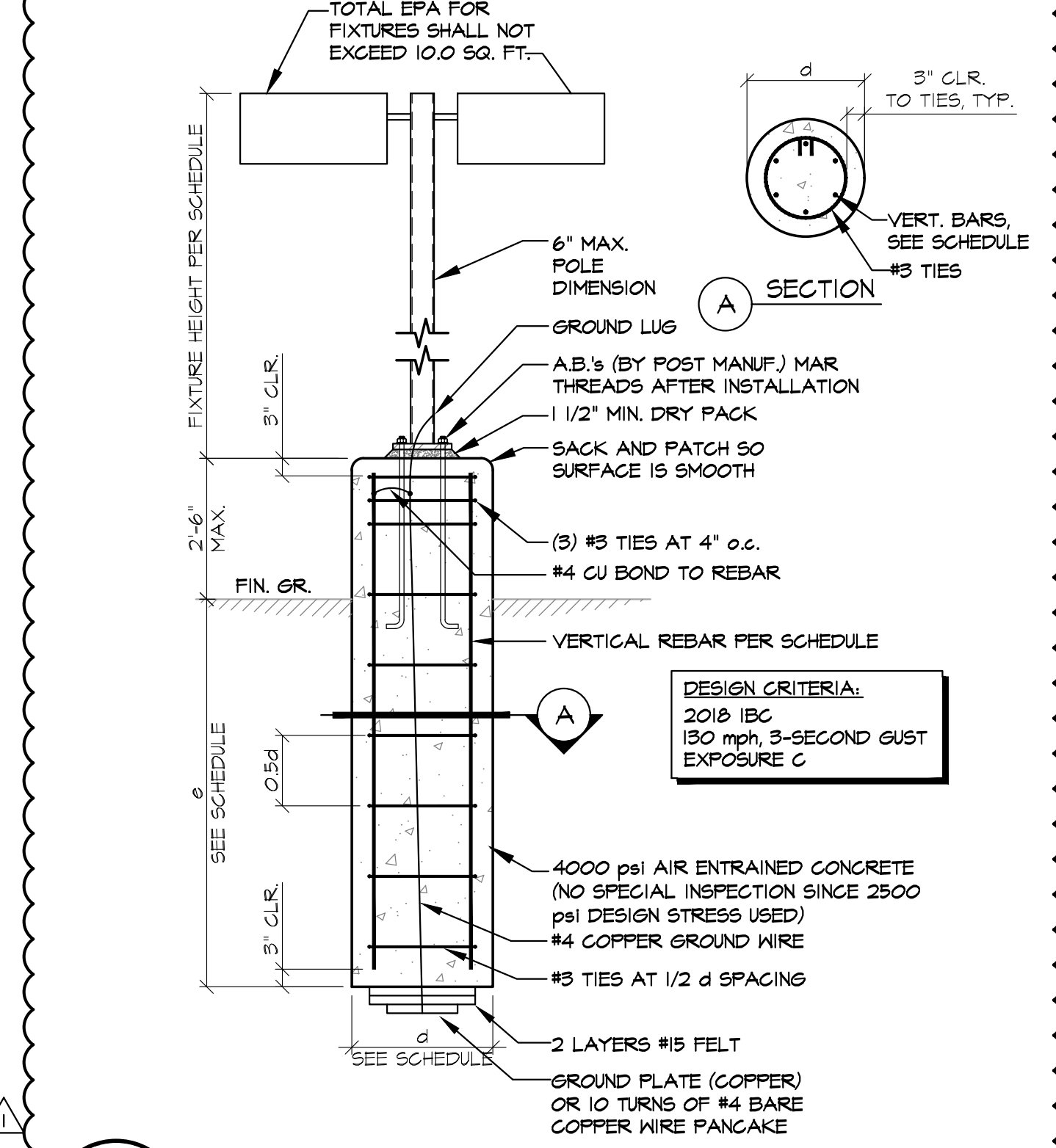


D **FIXTURE PROFILES**
E0.4 SCALE: NONE

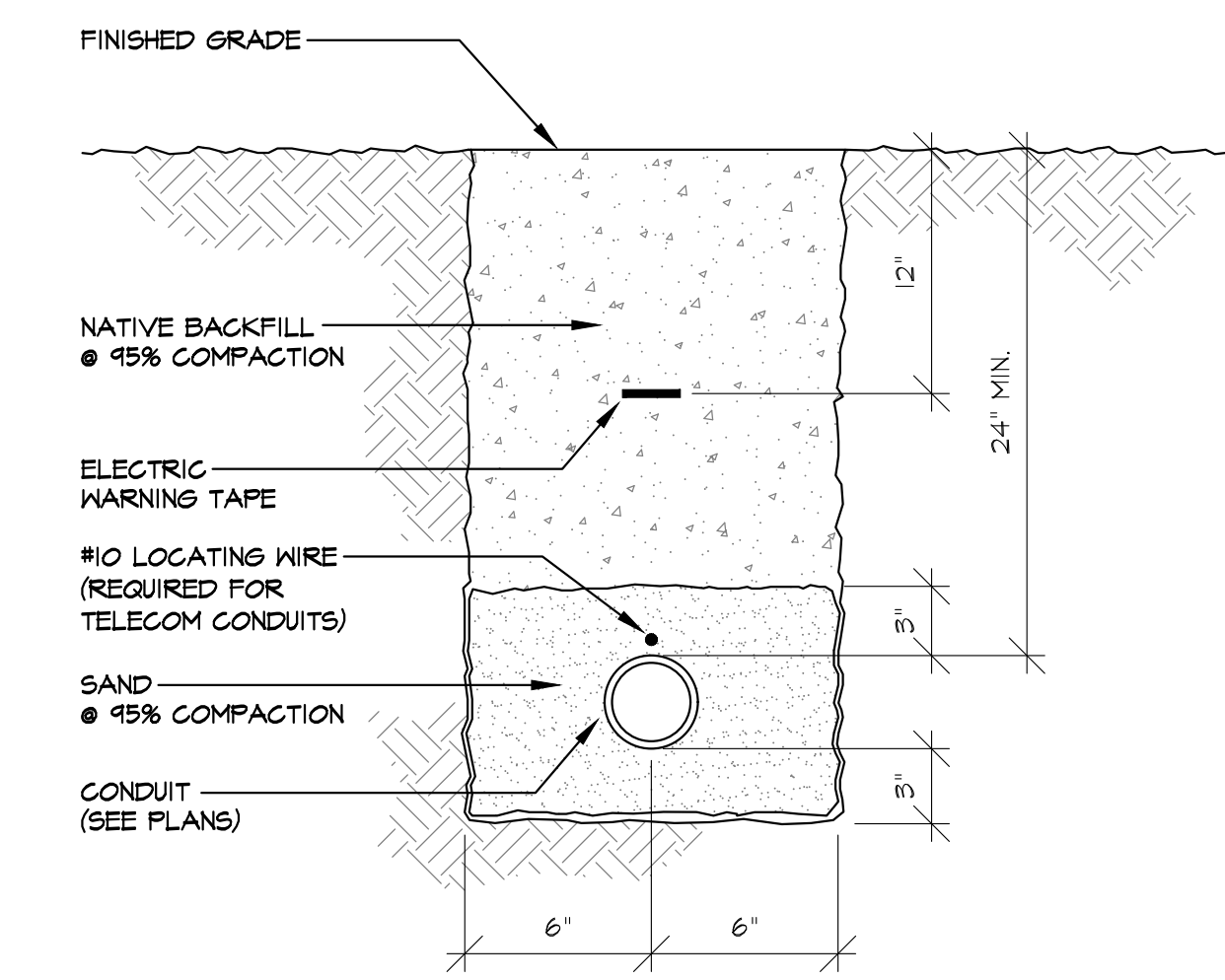


C **B1730 TRAFFIC RATED PULL BOX**
E0.4 SCALE: NONE

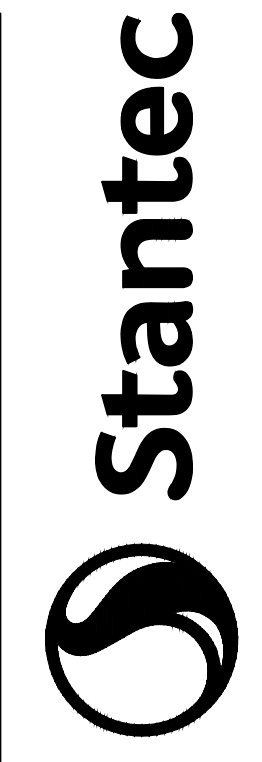
Max. Fixture Height	Option 1 Base			Option 2		
	d	e	Vertical Bars	d	e	Vertical Bars
12'-0"	18	6B	(4) #5	24	6D	(4) #6
16'-0"	18	T5	(4) #5	24	6B	(4) #6
20'-0"	24	T5	(4) #6	30	6D	(6) #6
25'-0"	24	8B	(4) #6	30	T7	(6) #6
30'-0"	30	8B	(6) #6	36	T8	(8) #6
35'-0"	30	9D	(6) #6	36	8A	(8) #6



B **POLE BASE - PEDESTAL**
E0.4 SCALE: NONE



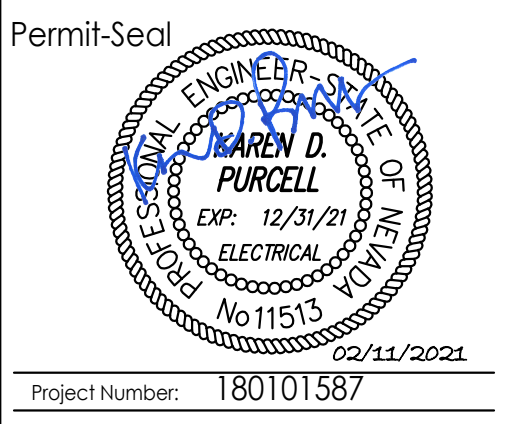
A **TYP 12" TRENCH DETAIL**
E0.4 SCALE: NONE



695 Sierra Center Parkway
Sparks, NV, 89511
www.stantec.com

By	App'd	Date
YY.MMM.DD		
YY.MMM.DD		
YY.MMM.DD		
YY.MMM.DD		

Client/Project
CITY OF SPARKS
GOLDEN EAGLE REGIONAL PARK
LITTLE LEAGUE PARKING LOT ADDITION
Sparks, NV
Title
Details



Project Number: 180101587

PK Electrical, Inc.
Engineering · Design · Consulting
681 Sierra Rose Dr., Ste. B | Reno, Nevada 89511 | 775.836.9010
5105 DTC Parkway Suite 420 | Greenwood Village, Colorado 80111 | 720.481.3290
pkelctrical.com © 2008-2011 PK Electrical, Inc. 18007

Drawing No. E0.4
Revision Sheet

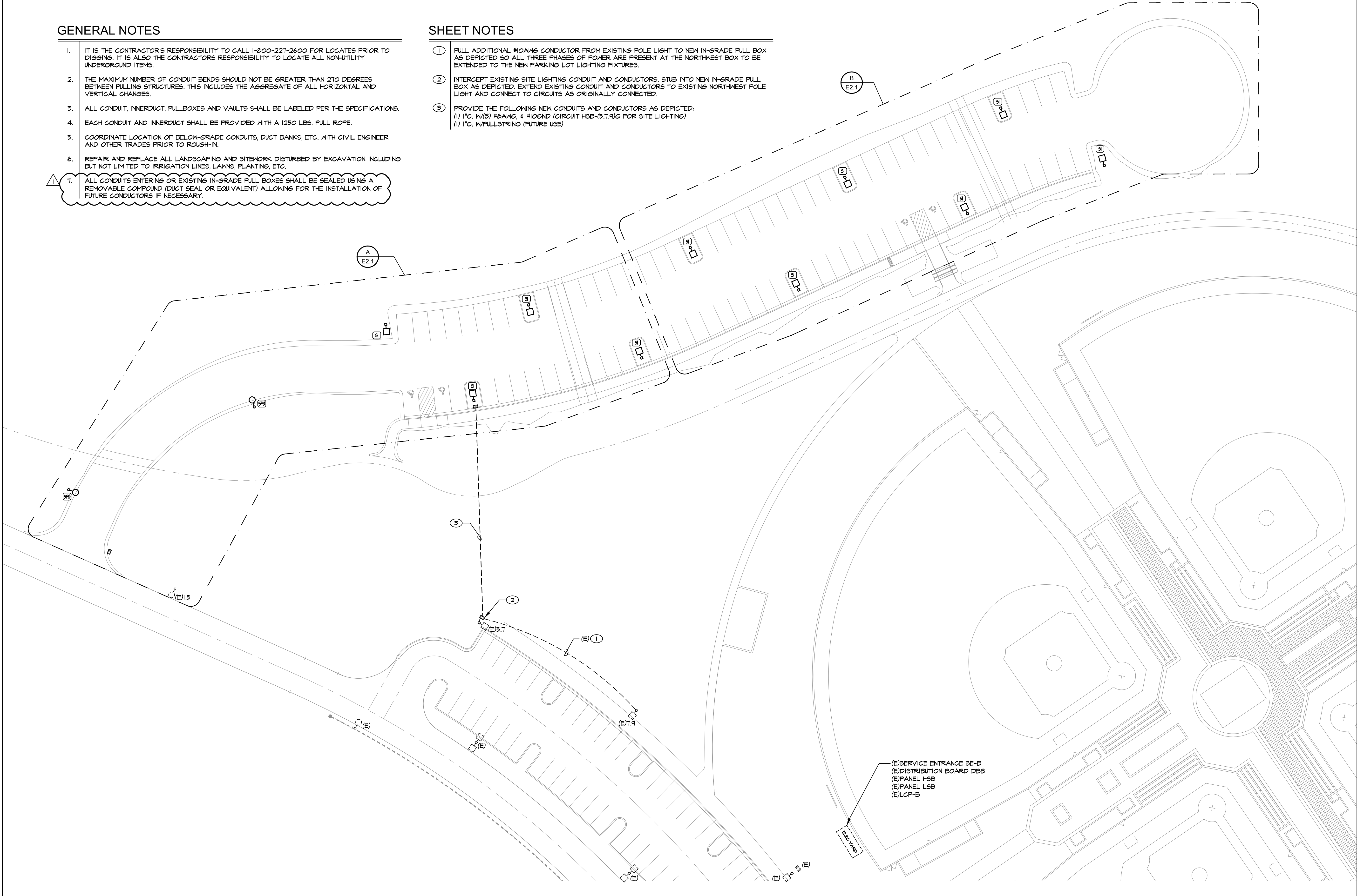
180101587 - Golden Eagle Regional Park Additional Parking 180704 Details.dwg
2020/02/11 12:07 AM 3/13/2020 3:24:24 PM

GENERAL NOTES

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CALL 1-800-227-2600 FOR LOCATES PRIOR TO DIGGING. IT IS ALSO THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL NON-UTILITY UNDERGROUND ITEMS.
2. THE MAXIMUM NUMBER OF CONDUIT BENDS SHOULD NOT BE GREATER THAN 270 DEGREES BETWEEN PULLING STRUCTURES. THIS INCLUDES THE AGGREGATE OF ALL HORIZONTAL AND VERTICAL CHANGES.
3. ALL CONDUIT, INNERDUCT, FULLBOXES AND VAULTS SHALL BE LABELED PER THE SPECIFICATIONS.
4. EACH CONDUIT AND INNERDUCT SHALL BE PROVIDED WITH A 1250 LBS. PULL ROPE.
5. COORDINATE LOCATION OF BELOW-GRADE CONDUITS, DUCT BANKS, ETC. WITH CIVIL ENGINEER AND OTHER TRADES PRIOR TO ROUGH-IN.
6. REPAIR AND REPLACE ALL LANDSCAPING AND SITEMARKS DISTURBED BY EXCAVATION INCLUDING BUT NOT LIMITED TO IRRIGATION LINES, LAWN, PLANTING, ETC.
7. ALL CONDUITS ENTERING OR EXISTING IN-GRADE PULL BOXES SHALL BE SEALED USING A REMOVABLE COMPOUND (DUCT SEAL OR EQUIVALENT) ALLOWING FOR THE INSTALLATION OF FUTURE CONDUITS IF NECESSARY.

SHEET NOTES

1. PULL ADDITIONAL #10AWG CONDUCTOR FROM EXISTING POLE LIGHT TO NEW IN-GRADE PULL BOX AS DEPICTED SO ALL THREE PHASES OF POWER ARE PRESENT AT THE NORTHWEST BOX TO BE EXTENDED TO THE NEW PARKING LOT LIGHTING FIXTURES.
2. INTERCEPT EXISTING SITE LIGHTING CONDUIT AND CONDUCTORS. STUB INTO NEW IN-GRADE PULL BOX AS DEPICTED. EXTEND EXISTING CONDUIT AND CONDUCTORS TO EXISTING NORTHWEST POLE LIGHT AND CONNECT TO CIRCUITS AS ORIGINALLY CONNECTED.
3. PROVIDE THE FOLLOWING NEW CONDUITS AND CONDUCTORS AS DEPICTED:
 (1) 1" C. W/3 #8AWG, # 10GND (CIRCUIT H5B-(5.1.4)G FOR SITE LIGHTING)
 (1) 1" C. W/PULLSTRING (FUTURE USE)

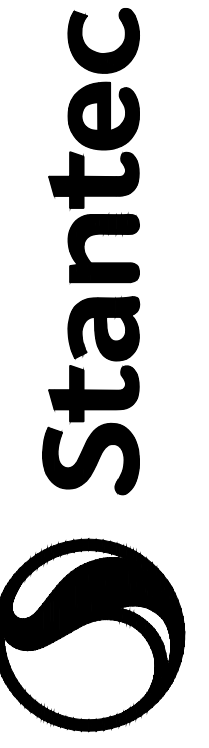


10.11.15.1807 - Golden Eagle Regional Park Additional Parking 1807-11 Overall Planning
 2/20/20 11/26/20 11/26/20 11/26/20

ORIGINAL SHEET - ANSI D

A OVERALL ELECTRICAL SITE PLAN

E1.1 SCALE: 1" = 30'-0"



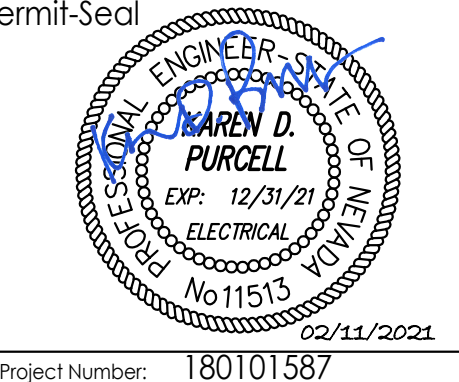
6995 Sierra Center Parkway
 Sparks, NV, 89511
 www.stantec.com

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Stantec without delay. The copyright to all design and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

	DTH	KDP	20.07.22
3	PLAN REVISION - DELTA-2	KDP	20.06.18
2	PLAN REVIEW RESPONSE - DELTA-1	DTH	20.02.14
1	ISSUED FOR BIDDING	KDP	20.02.14
	By	App'd	YYMMDD

Client/Project
 CITY OF SPARKS
 GOLDEN EAGLE REGIONAL PARK
 LITTLE LEAGUE PARKING LOT ADDITION
 Sparks, NV

Title
 Overall Electrical Site Plan



Project Number: 180101587



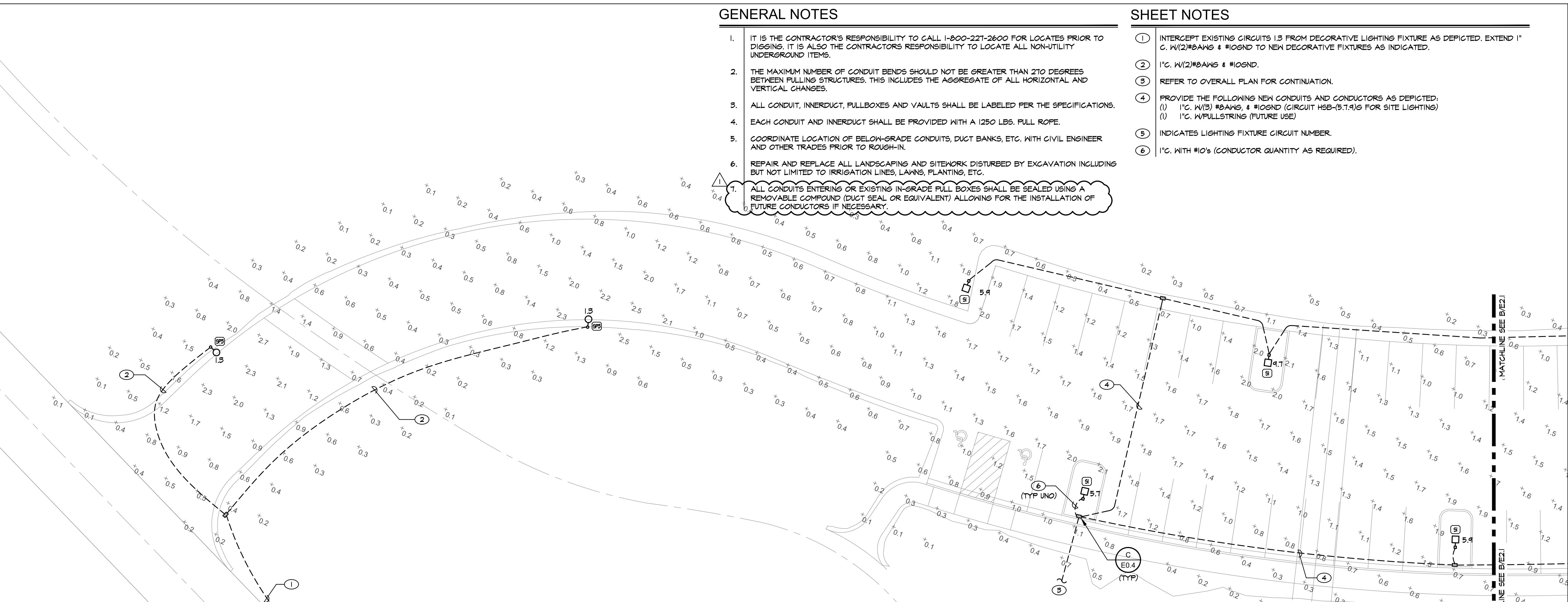
Drawing No. E1.1
 Revision Sheet

GENERAL NOTES

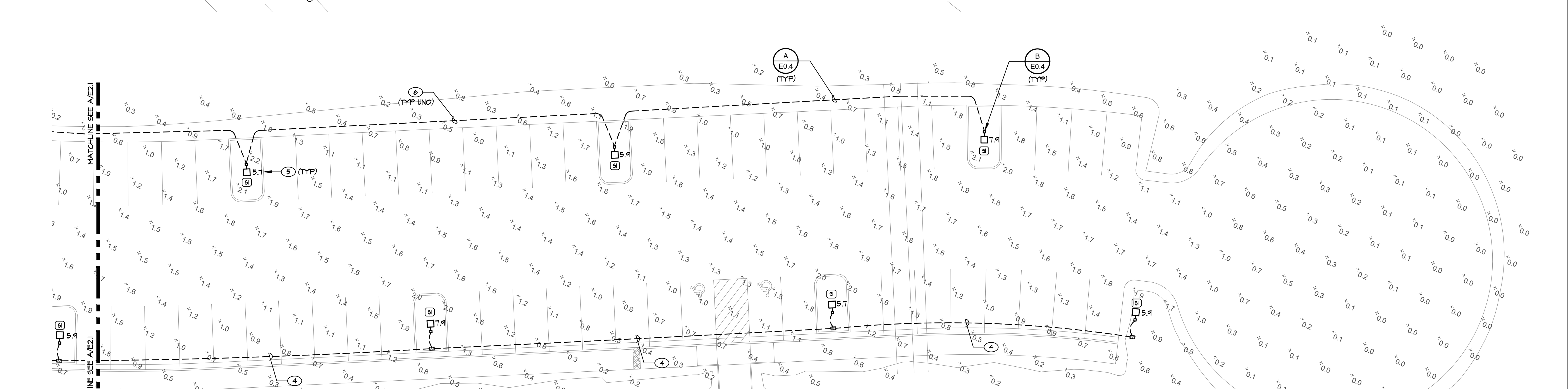
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO CALL 1-800-227-2600 FOR LOCATES PRIOR TO DIGGING. IT IS ALSO THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL NON-UTILITY UNDERGROUND ITEMS.
- THE MAXIMUM NUMBER OF CONDUIT BENDS SHOULD NOT BE GREATER THAN 270 DEGREES BETWEEN PULLING STRUCTURES. THIS INCLUDES THE AGGREGATE OF ALL HORIZONTAL AND VERTICAL CHANGES.
- ALL CONDUIT, INNERDUCT, FULLBOXES AND VAULTS SHALL BE LABELED PER THE SPECIFICATIONS.
- EACH CONDUIT AND INNERDUCT SHALL BE PROVIDED WITH A 1250 LBS. PULL ROPE.
- COORDINATE LOCATION OF BELOW-GRADE CONDUITS, DUCT BANKS, ETC. WITH CIVIL ENGINEER AND OTHER TRADES PRIOR TO ROUGH-IN.
- REPAIR AND REPLACE ALL LANDSCAPING AND SITEWORK DISTURBED BY EXCAVATION INCLUDING BUT NOT LIMITED TO IRRIGATION LINES, LAWNS, PLANTING, ETC.
- ALL CONDUITS ENTERING OR EXISTING IN-GRADE FULL BOXES SHALL BE SEALED USING A REMOVABLE COMPOUND (DUCT SEAL OR EQUIVALENT) ALLOWING FOR THE INSTALLATION OF FUTURE CONDUITORS IF NECESSARY.

SHEET NOTES

- INTERCEPT EXISTING CIRCUITS 1.3 FROM DECORATIVE LIGHTING FIXTURE AS DEPICTED. EXTEND 1" C. W/2#8AWG & #10GND. TO NEW DECORATIVE FIXTURES AS INDICATED.
- 1" C. W/2#8AWG & #10GND.
- REFER TO OVERALL PLAN FOR CONTINUATION.
- PROVIDE THE FOLLOWING NEW CONDUITS AND CONDUCTORS AS DEPICTED:
 (1) 1" C. W/3 #8AWG & #10GND (CIRCUIT #5B-(5.7.9) FOR SITE LIGHTING)
 (1) 1" C. W/PULLSTRING (FUTURE USE)
- INDICATES LIGHTING FIXTURE CIRCUIT NUMBER.
- 1" C. WITH #10'S (CONDUCTOR QUANTITY AS REQUIRED).



A SITE LIGHTING PLAN
 E2.1 SCALE: 1/16" = 1'-0"



B SITE LIGHTING PLAN
 E2.1 SCALE: 1/16" = 1'-0"



3	PLAN REVISION - DELTA.2	DIH	KDP	20.07.22
2	PLAN REVIEW RESPONSE - DELTA.1	DIH	KDP	20.06.18
1	ISSUED FOR BIDDING	DIH	KDP	20.02.14
		By	Agpd.	YYMMDD

ISSUED

Client/Project
 CITY OF SPARKS
 GOLDEN EAGLE REGIONAL PARK
 LITTLE LEAGUE PARKING LOT ADDITION
 Sparks, NV
 Title
 Site Lighting Plan

Permit-Seal

 Project Number: 180101587
 Date: 02/11/2021

PK Electrical, Inc.
 Engineering · Design · Consulting
 651 Sierra Rose Dr., Ste. B | Reno, Nevada 89511 | 775.826.9010
 5105 DTC Parkway Suite 420 | Greenwood Village, Colorado 80111 | 720.481.3290
 pkelectrical.com © 2008-2011 PK Electrical, Inc. 18007