

CITY OF SPARKS GOLDEN EAGLE REGIONAL PARK FIELD 9 SYNTHETIC TURF RESURFACING PROJECT

STANDARD ENGINEERING NOTES

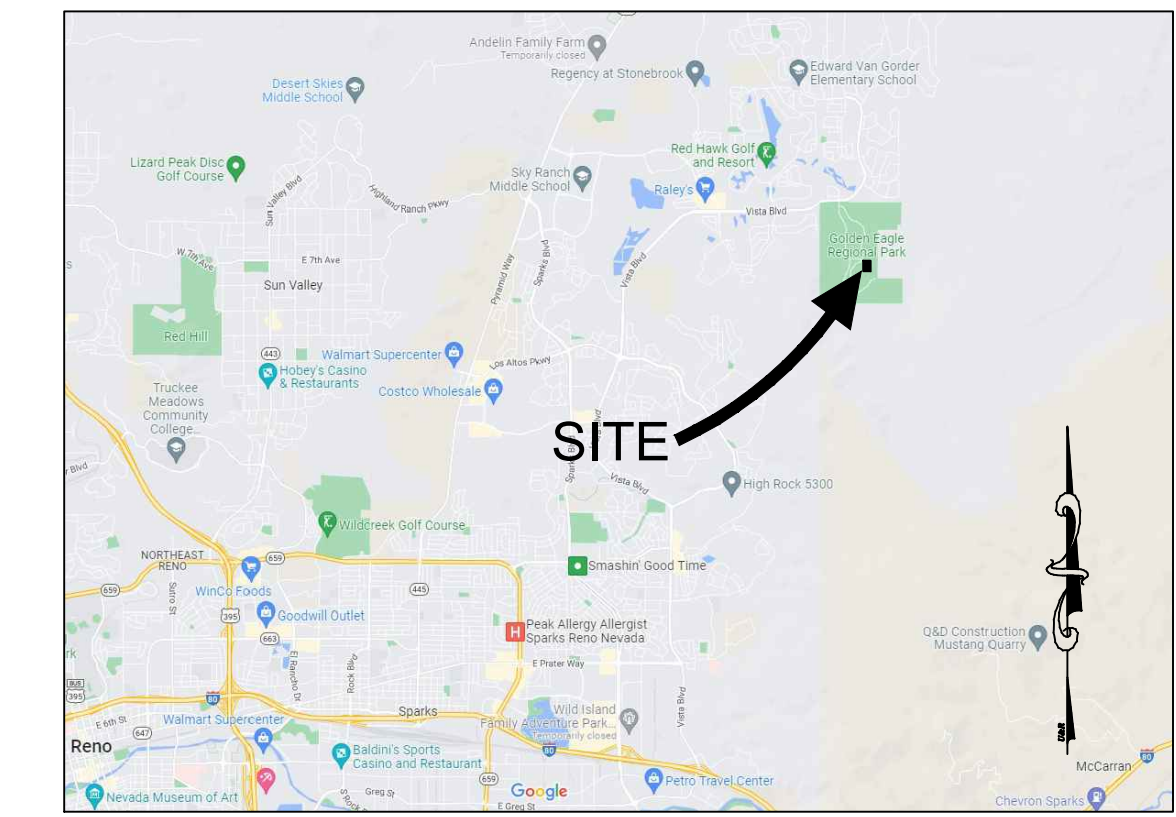
1. THESE PLANS ARE SUBJECT TO THE INTERPRETATION OF INTENT BY THE ENGINEER. ALL QUESTIONS REGARDING THESE PLANS SHALL BE PRESENTED TO THE ENGINEER. ANYONE WHO TAKES IT UPON THEMSELVES THE INTERPRETATION OF THE DRAWINGS OR MAKES REVISIONS TO THE SAME WITHOUT CONFERRING WITH THE DESIGN ENGINEER SHALL BE RESPONSIBLE FOR THE CONSEQUENCES THEREOF.
2. PRIOR TO BIDDING THE WORK, THE CONTRACTOR SHALL THOROUGHLY SATISFY HIMSELF AS TO THE ACTUAL CONDITIONS, REQUIREMENTS OF THE WORK AND EXCESS OR DEFICIENCY IN QUANTITIES. NO CLAIMS SHALL BE MADE AGAINST THE OWNER/DEVELOPER OR ENGINEER FOR ANY EXCESS OR DEFICIENCY THEREIN, ACTUAL OR RELATIVE.
3. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES OR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK, AND WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
4. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR COORDINATING THE RELOCATION OF UTILITIES, LIGHTS, IRRIGATION ETC.
5. THE CONTRACTOR IS TO VERIFY THE LOCATION, ELEVATION, CONDITION, AND PAVEMENT CROSS-SLOPE OF ALL EXISTING SURFACES AT POINTS OF TIE-IN AND MATCHING, PRIOR TO THE START OF MAINTENANCE. SHOULD EXISTING LOCATIONS, ELEVATIONS, CONDITION, OR PAVEMENT CONFLICT WITH ADA OR NCAA PLAYING FIELD REQUIREMENTS, THE CONTRACTOR SHALL NOTIFY THE OWNER CONTACT IMMEDIATELY FOR DIRECTION ON HOW TO PROCEED PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR ACCEPTS RESPONSIBILITY FOR ALL COSTS ASSOCIATED WITH CORRECTIVE ACTION IF THESE PROCEDURES ARE NOT FOLLOWED.
6. THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING UTILITIES ON THE SITE. ANY DAMAGE TO EXISTING UTILITIES, WHETHER SHOWN OR NOT ON THE DRAWING, SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S EXPENSE. EXISTING SURFACE FEATURES AND FENCING SHALL BE REPLACED IN KIND.
7. THE ENGINEER AND APPLICABLE AGENCY MUST APPROVE, PRIOR TO MAINTENANCE, ANY ALTERATION, OR VARIANCE FROM THESE PLANS. ANY VARIATIONS FROM THESE PLANS SHALL BE PROPOSED AND TRANSMITTED TO THE ENGINEER.
8. ANY INSPECTION BY ANY JURISDICTIONAL AGENCY, SHALL NOT, IN ANY WAY, RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH APPLICABLE CODES AND AGENCY REQUIREMENTS.
9. ANY HAULING PERMITS REQUIRED ARE TO BE OBTAINED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
10. ANY WATER ACCESS IS TO BE OBTAINED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. FIRE HYDRANT ACCESS MUST BE PERMITTED AND METERED BY THE WATER AUTHORITY AT NO ADDITIONAL COST TO THE OWNER.
11. CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL STORM DRAIN PIPES AND DRAINAGE FACILITIES FROM DAMAGE DURING ALL STAGES OF WORK.
12. ALL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATION DOCUMENTS PROVIDED WITH THIS PLAN SET.

STANDARD NOTES

1. WORK HOURS: THE CONTRACTOR SHALL LIMIT ALL WORK AND RELATED ACTIVITIES TO THE HOURS DICTATED IN THE SPECIFICATIONS OR LOCAL ORDINANCES WHICHEVER IS MORE STRINGENT. ALL DEVIATIONS FROM THESE STATED TIMES MUST BE COORDINATED WITH THE CITY OF SPARKS PROJECT MANAGER 72 HOURS IN ADVANCE.
2. DUST CONTROL: PRIOR TO THE COMMENCEMENT OF ANY WORK CONTRACTOR SHALL SUBMIT TO THE WASHOE COUNTY HEALTH DISTRICT - AIR QUALITY MANAGEMENT (WCHD-AQM) A PLAN FOR DUST CONTROL. THE PLAN SHALL BE IN ACCORDANCE WITH NEVADA STATE LAW. WHEN APPROVED BY THE CITY, SHALL BE REFERRED TO AS THE DUST CONTROL PLAN AND SHALL BE DEEMED A PART OF THIS AGREEMENT.
3. WORK FENCING: CONTRACTOR SHALL PROVIDE, INSTALL, AND MAINTAIN A TEMPORARY FENCED AREA ENCOMPASSING ALL MAINTENANCE RELATED ACTIVITIES. FENCING TO BE CHAIN LINK (NO BARB WIRE) A MINIMUM 6' HEIGHT WITH LOCKABLE GATES. IT SHALL ENCLOSE THE ENTIRE STAGING/STORAGE AREA, MAINTENANCE ACTIVITY, VEHICLES, EQUIPMENT, AND ALL MATERIALS. THE FENCE WILL REMAIN IN PLACE UNTIL THE OWNER'S REPRESENTATIVE REQUESTS REMOVAL. THE GATES SHALL BE LOCKED BY THE CONTRACTOR AT ALL TIMES THAT THE CONTRACTOR IS NOT ON SITE.
4. SAFETY: THE CONTRACTOR SHALL ABIDE BY ALL FEDERAL, STATE, COUNTY, AND CITY OF SPARKS SAFETY REQUIREMENTS. ALL VEHICULAR TRAFFIC ENTERING OR DEPARTING AREAS NOT ENCLOSED WITHIN THE FENCED AREA OR ESTABLISHED PARKING LOT SHALL BE ESCORTED ON FOOT BY THE CONTRACTORS PERSONAL. THIS ESCORT WILL TO ASCERTAIN NO STUDENTS OR STAFF ARE IN HARMS WAY AND BE MAINTAINED UNTIL THE VEHICLE HAS ATTAINED A SAFE LOCATION OR THE PARKING LOT.
5. UTILITIES: ALL REQUIRED UTILITY SHUT-DOWNS SHALL BE COORDINATED BY THE CONTRACTOR WITH THE APPROVAL OF THE CITY OF SPARKS PROJECT MANAGER 72 HOURS IN ADVANCE VIA EMAIL. SHUT-DOWNS WILL INCLUDE AN ESTIMATE OF THE REQUIRED DOWN TIME. A DISTURBANCE PERMIT MUST BE SUBMITTED TO THE CITY OF SPARKS PROJECT MANAGER.
6. COORDINATION: CONTRACTOR SHALL NOT CONVERSE OR COORDINATE WITH THE CITY OF SPARKS WITHOUT PERMISSION OF THE CITY OF SPARKS PROJECT MANAGER. ALL PROJECT COORDINATING, MODIFICATIONS OR CONTRACTUAL ISSUES MUST BE MADE THROUGH THE CITY OF SPARKS PROJECT MANAGER AND ENGINEER.



LOCATION MAP
SCALE 1"=50'



VICINITY MAP
N.T.S.

SHEET INDEX

- PF-00 COVER SHEET
- PF-01 EXISTING CONDITIONS AND SWPPP
- PF-02 DEMOLITION PLAN
- PF-03 SURFACING PLAN
- PF-04 DRAINAGE PLAN
- PF-05 GRAPHIC PLAN
- PF-06 DETAILS

OWNER

BRANDON MILES
CITY OF SPARKS
431 PRATER WAY
SPARKS, NV 89431
(775) 353-1528
EMAIL: BMILES@CITYOFSPARKS.US

ENGINEER

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SCOPE OF WORK

THE PROJECT SCOPE OF WORK INCLUDES REMOVAL OF EXISTING FOOTBALL AND SOCCER FIELD SYNTHETIC TURF, INSTALL OF SIDELINE SUBDRAIN, AND INSTALLATION OF NEW SYNTHETIC TURF FIELD SYSTEM (INCLUDING NEW SHOCK PAD, SYNTHETIC TURF, AND INFILL).

BENCHMARK

DATUM: NAVD 88
PROJECT BENCHMARK = CITY OF SPARKS BENCHMARK NO. 110
HAVING AN ELEVATION OF 4509.99'

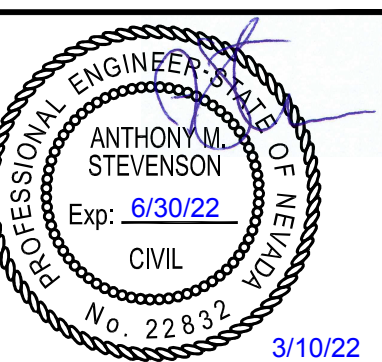
BASIS OF BEARING

THE BASIS OF BEARING FOR THIS SURVEY IS BASED ON THE NEVADA STATE PLANE COORDINATE SYSTEM OF 1983, WEST ZONE, NAD 83/94, DISTANCES SHOWN ARE GROUND DISTANCES USING A PROJECT COMBINED GRID TO GROUND SCALE FACTOR OF 1.000197939.

STANDARD BMP NOTES

- STANDARD NOTE NO. 1:** THE OWNER, SITE DEVELOPER, CONTRACTOR AND/OR THEIR AUTHORIZED AGENTS SHALL EACH DAY REMOVE ALL SEDIMENT, MUD, DEBRIS, OR OTHER POTENTIAL POLLUTANTS THAT MAY HAVE BEEN DISCHARGED TO, OR ACCUMULATE IN, THE PUBLIC RIGHTS OF WAYS OF THE CITY OF RENO AS A RESULT OF MAINTENANCE ACTIVITIES ASSOCIATED WITH THIS SITE DEVELOPMENT OR MAINTENANCE PROJECT. SUCH MATERIALS SHALL BE PREVENTED FROM ENTERING THE STORM SEWER SYSTEM.
- STANDARD NOTE NO. 2:** ADDITIONAL SITE DISCHARGE BEST MANAGEMENT PRACTICES MAY BE REQUIRED OF THE OWNER AND HIS OR HER AGENTS DUE TO UNFORESEEN EROSION PROBLEMS OR IF THE SUBMITTED PLAN DOES NOT MEET THE PERFORMANCE STANDARDS SPECIFIED IN THE TRUCKEE MEADOWS CONSTRUCTION SITE BEST MANAGEMENT PRACTICES HANDBOOK.
- STANDARD NOTE NO. 3:** TEMPORARY OR PERMANENT STABILIZATION PRACTICES WILL BE INSTALLED ON DISTURBED AREAS AS SOON AS PRACTICABLE AND NO LATER THAN 14 DAYS AFTER THE ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. SOME EXCEPTIONS MAY APPLY; REFER TO STORMWATER GENERAL PERMIT NVR100000.
- STANDARD NOTE NO. 4:** AT A MINIMUM, THE CONTRACTOR OR HIS AGENT SHALL INSPECT ALL DISTURBED AREAS, AREAS USED FOR STORAGE OF MATERIALS AND EQUIPMENT THAT ARE EXPOSED TO PRECIPITATION, VEHICLE ENTRANCE AND EXIT LOCATIONS AND ALL BMPS WEEKLY, PRIOR TO A FORECASTED RAIN EVENT AND WITHIN 24 HOURS AFTER ANY ACTUAL RAIN EVENT. THE CONTRACTOR OR HIS AGENT SHALL UPDATE OR MODIFY THE STORMWATER POLLUTION PREVENTION PLAN AS NECESSARY. SOME EXCEPTIONS TO WEEKLY INSPECTIONS MAY APPLY, SUCH AS FROZEN GROUND CONDITIONS OR SUSPENSION OF LAND DISTURBANCE ACTIVITIES. REFER TO STORMWATER GENERAL PERMIT NVR100000.
- STANDARD NOTE NO. 5:** ACCUMULATED SEDIMENT IN BMPS SHALL BE REMOVED WITHIN SEVEN DAYS AFTER A STORMWATER RUNOFF EVENT OR PRIOR TO THE NEXT ANTICIPATED STORM EVENT WHICHEVER IS EARLIER. SEDIMENT MUST BE REMOVED WHEN BMP DESIGN CAPACITY HAS BEEN REDUCED BY 50 PERCENT OR MORE.

BID SET



REV.

GOLDEN EAGLE REGIONAL PARK FIELD #9

6400 VISTA BOULEVARD
SPARKS, NV

DESIGNED: AMS
DATE: FEBRUARY 2022
DRAWN: SAW
PROJ: 21-168
SCALE: AS NOTED

COVER SHEET

DWG. NO.

PF-00

EROSION CONTROL KEY NOTES:

- 1 INSTALL AND MAINTAIN A STABILIZED SITE ENTRANCE AND ACCESS ROAD WITH PER DETAILS ON THIS SHEET. COORDINATE FINAL LOCATION AND EXTENTS WITH OWNER'S REPRESENTATIVE. PROTECT EXISTING CONCRETE SIDEWALK AND REPLACED ANY DAMAGED SOD, TREES, IRRIGATION, AND SPRINKLERS IN LAWN AREA.
- 2 INSTALL WORK FENCING AROUND LAYDOWN/STOCKPILE AREA. LOCATION SHOWN FOR REFERENCE ONLY. CONTRACTOR TO COORDINATE FINAL LOCATION AND LIMITS OF AREA WITH OWNERS REPRESENTATIVE.
- 3 APPLY DUST CONTROL MEASURES WITHIN LIMITS OF DISTURBANCE PER NOTES, PRIMARILY BY THE USE OF WATER.
- 4 INSTALL STRAW WADDLES, APPROXIMATE LENGTH PER PLAN.

EROSION CONTROL GENERAL NOTES:

1. IN CASE OF EMERGENCY, CALL (BRANDON MILES, CITY OF SPARKS) AT (775) 762-5416
2. TOTAL DISTURBED AREA 2.58 AC
 - 2.1. RISK LEVEL: 1
3. A STAND-BY CREW FOR EMERGENCY WORK SHALL BE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON (NOVEMBER 1 TO APRIL 15). NECESSARY MATERIALS SHALL BE AVAILABLE ON-SITE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID WORK OF EMERGENCY DEVICES WHEN RAIN IS IMMINENT.
4. EROSION CONTROL DEVICES SHOWN ON THIS PLAN MAY BE REMOVED WHEN APPROVED BY THE BUILDING OFFICIAL IF THE GRADING OPERATION HAS PROGRESSED TO THE POINT WHERE THEY ARE NO LONGER REQUIRED.
5. GRADED AREAS ADJACENT TO FILL SLOPES LOCATED AT THE SITE PERIMETER MUST DRAIN AWAY FROM THE TOP OF SLOPE AT THE CONCLUSION OF EACH WORKING DAY. ALL LOOSE SOILS AND DEBRIS THAT MAY CREATE A POTENTIAL HAZARD TO OFF-SITE PROPERTY SHALL BE STABILIZED OR REMOVED FROM THE SITE ON A DAILY BASIS.
6. ALL SILT AND DEBRIS SHALL BE REMOVED FROM ALL DEVICES WITHIN 24 HOURS AFTER EACH RAINSTORM AND BE DISPOSED OF PROPERLY.
7. A GUARD SHALL BE POSTED ON THE SITE WHENEVER THE DEPTH OF WATER IN ANY DEVICE EXCEEDS TWO FEET. THE DEVICE SHALL BE DRAINED OR PUMPED DRY WITHIN 24 HOURS AFTER EACH RAINSTORM. PUMPING AND DRAINING OF ALL BASINS AND DRAINAGE DEVICES MUST COMPLY WITH THE APPROPRIATE BMP FOR DEWATERING OPERATIONS.
8. THE PLACEMENT OF ADDITIONAL DEVICES TO REDUCE EROSION DAMAGE AND CONTAIN POLLUTANTS WITHIN THE SITE IS LEFT TO THE DISCRETION OF THE FIELD ENGINEER. ADDITIONAL DEVICES AS NEEDED SHALL BE INSTALLED TO RETAIN SEDIMENTS AND OTHER POLLUTANTS ON SITE.
9. DESILTING BASINS MAY NOT BE REMOVED OR MADE INOPERABLE THROUGHOUT DURATION OF WORK DURATION WITHOUT THE APPROVAL OF THE BUILDING OFFICIAL.
10. STORM WATER POLLUTION AND EROSION CONTROL DEVICES ARE TO BE MODIFIED, AS NEEDED, AS THE PROJECT PROGRESSES. THE DESIGN AND PLACEMENT OF THESE DEVICES IS THE RESPONSIBILITY OF THE FIELD ENGINEER. PLANS REPRESENTING CHANGES MUST BE SUBMITTED FOR APPROVAL IF REQUESTED BY THE BUILDING OFFICIAL.
11. EVERY EFFORT SHOULD BE MADE TO ELIMINATE THE DISCHARGE OF NON-STORM WATER FROM THE PROJECT SITES AT ALL TIMES.
12. ERODED SEDIMENTS AND OTHER POLLUTANTS MUST BE RETAINED ON-SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEET FLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES OR WIND.
13. STOCKPILES OF EARTH AND OTHER WORK-RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR WATER.
14. FUELS, OILS, SOLVENTS AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE THE SOILS AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS MAY NOT BE WASHED IN THE DRAINAGE SYSTEM.
15. EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTES ON-SITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTE.
16. DEVELOPERS/CONTRACTORS ARE RESPONSIBLE TO INSPECT ALL EROSION CONTROL DEVICES AND BMPs ARE INSTALLED AND FUNCTIONING PROPERLY IF THERE IS A 50% OR GREATER PROBABILITY OF PREDICTED PRECIPITATION, AND AFTER ACTUAL PRECIPITATION. A SITE INSPECTION CHECKLIST AND INSPECTION LOG SHALL BE MAINTAINED AT THE PROJECT SITE AT ALL TIMES AND AVAILABLE FOR REVIEW BY THE BUILDING OFFICIAL (COPIES OF THE SELF-INSPECTION CHECK LIST AND INSPECTION LOGS ARE AVAILABLE UPON REQUEST).
17. TRASH AND WORK-RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND.
18. SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE SITE ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED IN TO THE PUBLIC WAY. ACCIDENTAL DEPOSITIONS MUST BE SWEEPED UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
19. ANY SLOPES WITH DISTURBED SOILS OR DENUDED OF VEGETATION MUST BE STABILIZED SO AS TO INHIBIT EROSION BY WIND AND WATER.
20. AS THE ENGINEER/QSD OF RECORD, I HAVE SELECTED APPROPRIATE BMPs TO EFFECTIVELY MINIMIZE THE NEGATIVE IMPACTS OF THIS PROJECT'S WORK ACTIVITIES ON STORM WATER QUALITY. THE PROJECT OWNER AND CONTRACTOR ARE AWARE THAT THE SELECTED BMPs MUST BE INSTALLED, MONITORED, AND MAINTAINED TO ENSURE THEIR EFFECTIVENESS.

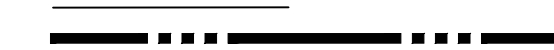
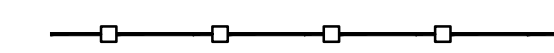




CIVIL ENGINEER/QSD SIGNATURE _____ DATE _____

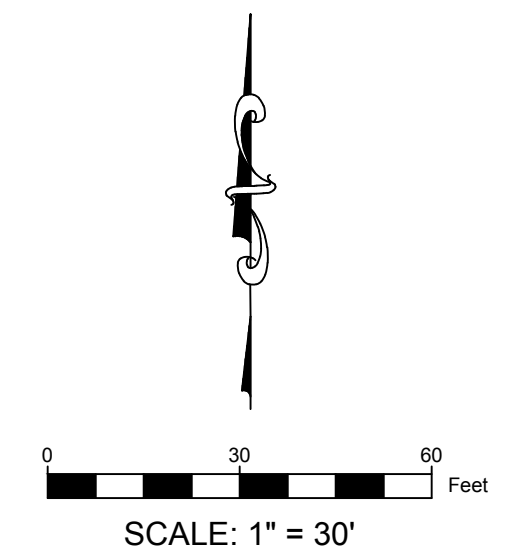
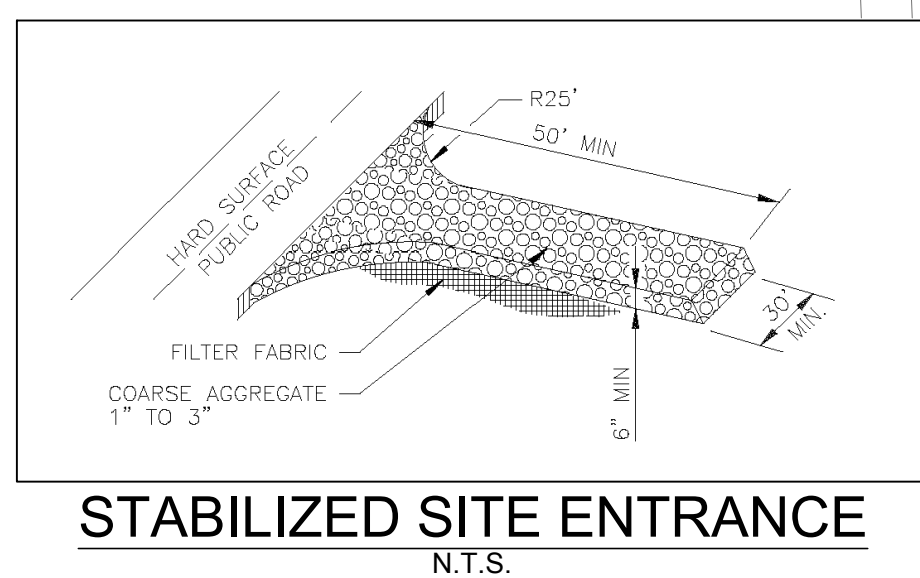
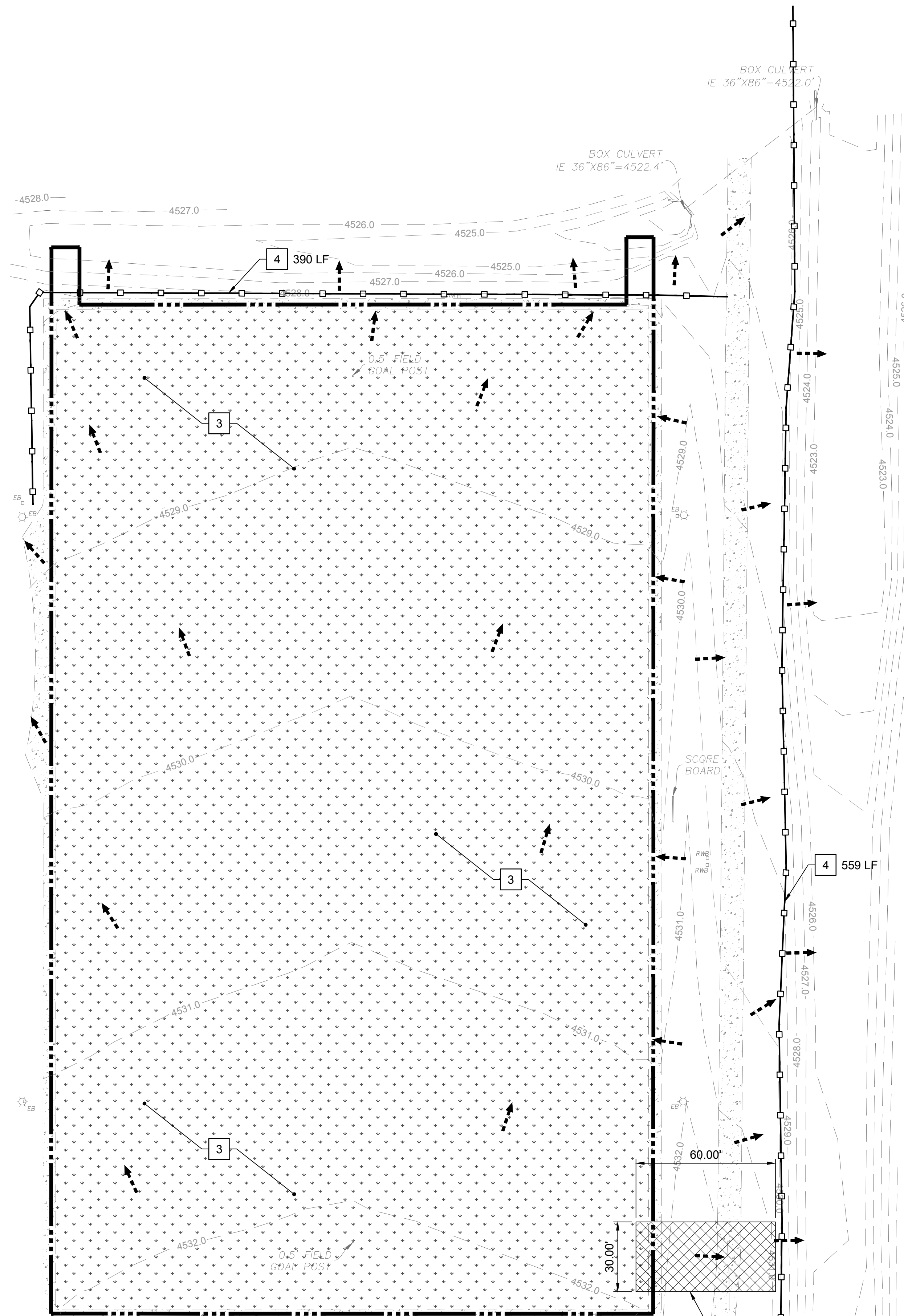
21. THE FOLLOWING MUST BE ON THE PLAN:
AS THE PROJECT OWNER OR AUTHORIZED AGENT OF THE OWNER, I CERTIFY THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH THE SYSTEM DESIGNED TO ENSURE THAT A QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE INFORMATION SUBMITTED IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT SUBMITTING FALSE AND/OR INACCURATE INFORMATION, FAILING TO UPDATE THE ECSP TO REFLECT CURRENT CONDITIONS, OR FAILING TO PROPERLY AND/OR ADEQUATELY IMPLEMENT THE ECSP MAY RESULT IN REVOCATION OF GRADING AND/OR OTHER PERMITS OR OTHER SANCTIONS PROVIDED BY LAW."

OWNER OR AUTHORIZED REPRESENTATIVE _____ DATE _____
(PERMITTEE)

22. DEVELOPERS/CONTRACTOR ARE RESPONSIBLE TO INSPECT ALL EROSION CONTROL DEVICES AND BMPs ARE INSTALLED AND FUNCTIONING PROPERLY AS REQUIRED BY THE STATE GENERAL PERMIT. A SITE INSPECTION CHECKLIST AND INSPECTION LOG SHALL BE MAINTAINED AT THE PROJECT SITE AT ALL TIMES AND AVAILABLE FOR REVIEW BY THE BUILDING OFFICIAL.

LEGEND:

-  LIMITS OF WORK
-  STRAW WADDLE
-  EXISTING SYNTHETIC TURF
-  EXISTING CONCRETE SIDEWALK
-  SITE ENTRANCE
-  DIRECTION OF SURFACE DRAINAGE



BID SET



REV.	DESCRIPTION

GOLDEN EAGLE REGIONAL PARK FIELD #9

6400 VISTA BOULEVARD
SPARKS, NV

DESIGNED:	AMS
DATE:	FEBRUARY 2022
DRAWN:	SAW
PROJ.:	21-168
SCALE:	1" = 30'

EXISTING CONDITIONS AND SWPPP PF-01

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PROTECT IN PLACE KEYNOTES:

- A** CONTRACTOR SHALL PROTECT IN PLACE EXISTING NAILER BOARD. WHERE DAMAGED NAILER BOARD SECTIONS ARE FOUND, THE CONTRACTOR MUST REPLACE TO MATCH EXISTING CONDITIONS.
- B** PROTECT IN PLACE EXISTING CONCRETE SIDEWALK.
- C** PROTECT IN PLACE EXISTING SCORE BOARD WITH ELECTRICAL SERVICE.
- D** PROTECT IN PLACE EXISTING LIGHT POLES, AND ASSOCIATED ELECTRICAL BOXES AND CONDUIT.
- E** PROTECT IN PLACE EXISTING FIELD GOAL POSTS.
- F** PROTECT IN PLACE EXISTING FIELD AGGREGATE BASE.
- G** PROTECT IN PLACE EXISTING WATER METER BOXES.
- H** PROTECT IN PLACE EXISTING TREES, LANDSCAPING, SOD, SPRINKLER HEADS, AND DRIP IRRIGATION SYSTEMS AROUND AREAS OF CONSTRUCTION. ANY DAMAGE TO THESE SYSTEMS DURING CONSTRUCTION SHALL BE REPLACED BY CONTRACTOR AT NO COST TO THE OWNER.





DEMOLITION KEY NOTES:

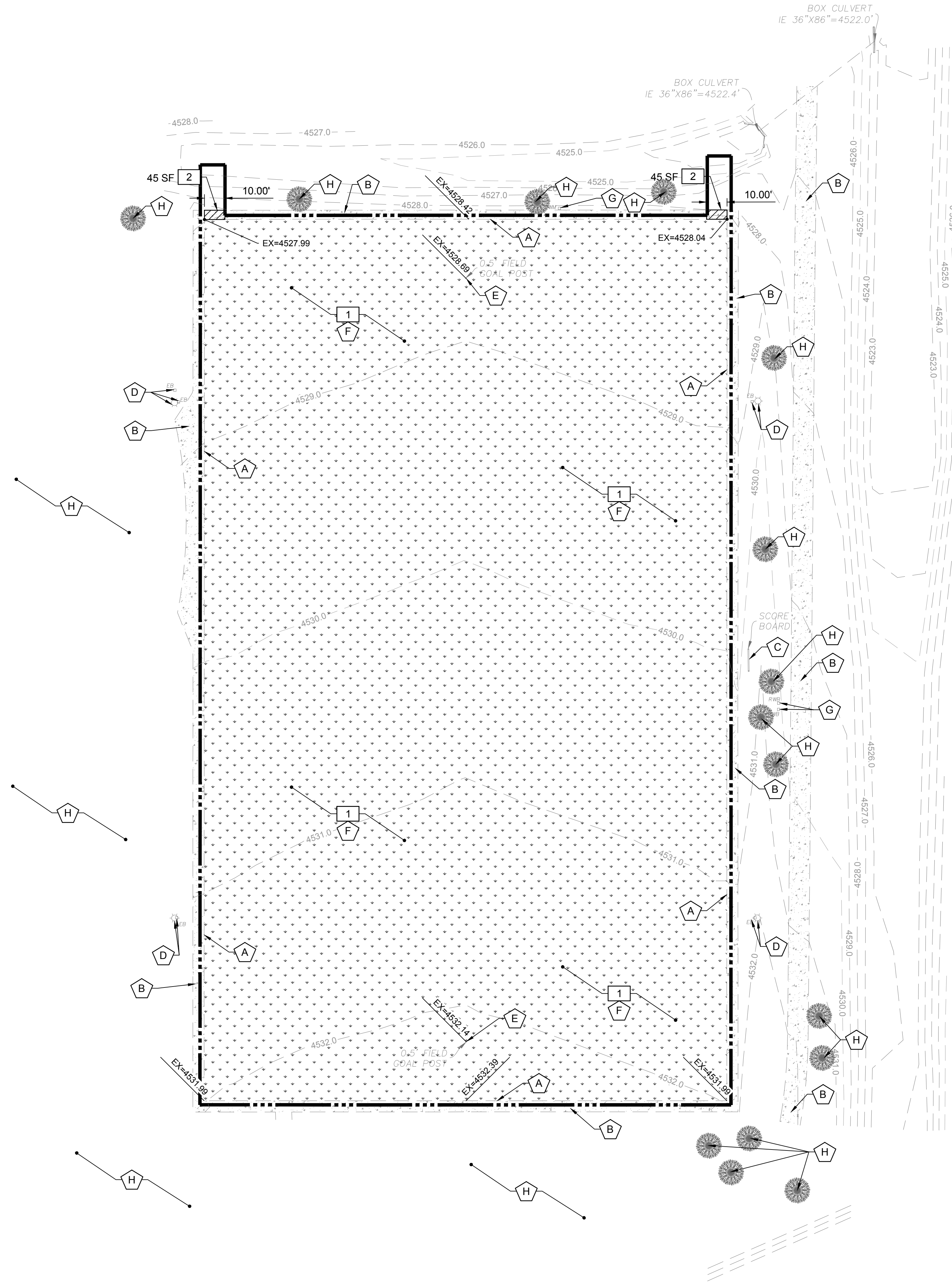
- 1** REMOVE AND DISPOSE OF EXISTING SYNTHETIC TURF GRASS AND INFILL IN ITS ENTIRETY. BASE MATERIAL AND DRAINAGE SYSTEM TO REMAIN AND BE PROTECTED IN PLACE.
- 2** REMOVE SIDEWALK TO CLOSEST JOINT. APPROXIMATE AREA OF REMOVAL PER PLAN.

EXISTING CONDITIONS AND DEMOLITION GENERAL NOTES:

1. THE CONTRACTOR MUST PERFORM ALL CLEARING, DEMOLITION AND REMOVAL SITE PREPARATIONS NECESSARY FOR THE EXECUTION OF THE WORK CONTAINED IN THE CONTRACT DOCUMENTS.
2. EXISTING STORM DRAIN FACILITIES WITHIN THE PROPERTY AND THE LIMITS OF WORK MUST BE PROTECTED FROM DEBRIS INTRUSION. THE CONTRACTOR MUST FLUSH AND CLEAN EXISTING DRAINAGE SYSTEMS THAT ARE TO BE PROTECTED IN PLACE, WITHIN THE PROJECT LIMITS, TO THE POINT OF DISCHARGE.
3. THE CONTRACTOR MUST VERIFY THE LOCATIONS OF ALL UTILITIES, STRUCTURES, AND SERVICES BEFORE COMMENCING WORK. CONTRACTOR IS RESPONSIBLE FOR POT-HOLING AND UTILITY SURVEYS AS NECESSARY TO LOCATE EXISTING UTILITIES.
4. THE CONTRACTOR MUST PROVIDE SWPPP PLANS AND PERMITS. ALL NECESSARY BEST MANAGEMENT PRACTICES (BMP) AND PROTECTIONS TO DRAINS AND DRAINAGE SYSTEMS AS REQUIRED BY THE PROJECT STORM WATER POLLUTION PREVENTION PLAN (SWPPP) DOCUMENTS AND PER CITY, COUNTY AND STATE REQUIREMENTS MUST BE INSTALLED AND MAINTAINED BY THE CONTRACTOR. THE CONTRACTOR MUST PROVIDE NECESSARY MEASURES TO CONTROL DUST EROSION AND SEDIMENT PER THE SWPPP DOCUMENTS AND AS REQUIRED BY THE STATE.
5. THE CONTRACTOR MUST PREPARE AND ACQUIRE ANY AND ALL SWPPP AND DUST CONTROL PERMITS REQUIRED. THE CONTRACTOR MUST OBTAIN ANY REQUIRED PERMITS PRIOR TO DEMOLITION.
9. CONTRACTOR IS RESPONSIBLE FOR REPAIRING OR REPLACING ANY EXISTING EQUIPMENT, UTILITIES OR MATERIALS DAMAGED OR DESTROYED BY WORK THAT ARE NOT SPECIFICALLY IDENTIFIED FOR DEMOLITION OR REMOVAL. REPLACEMENTS OR REPAIRS ARE AT THE CONTRACTOR'S EXPENSE.
10. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING IRRIGATION SERVICE TO EXISTING LANDSCAPE MATERIAL IN ADJACENT AREAS DURING AND AFTER WORK. IF EXISTING IRRIGATION MAINLINES ARE FOUND IN THE DEMOLITION AREA THAT ARE REQUIRED TO MAINTAIN FLOW TO AREAS OUTSIDE THE LIMITS OF WORK THAN THE CONTRACTOR MUST NOTIFY THE ENGINEER IMMEDIATELY.
11. THE CONTRACTOR MUST PROTECT IN PLACE ALL EXISTING UTILITIES, UNLESS OTHERWISE NOTED. UTILITY LOCATIONS SHOWN ON THE PLAN ARE NOT GUARANTEED AND ADDITIONAL UTILITIES NOT SHOWN MAY EXIST. UTILITY LOCATION, IDENTIFICATION, AND PROTECTION ARE THE CONTRACTOR'S RESPONSIBILITY.
12. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION REGARDING DEMOLITION.
13. CONTRACTOR MUST PROVIDE SHOP DRAWINGS OF NEW SLEEVING AND ELECTRICAL/COMMUNICATION ROUTING LINES IF ELECTRICAL LINES REQUIRE RE-ROUTE.
14. CONTRACTOR MUST NOTIFY USA 800-227-2600 PRIOR TO ANY DEMOLITION OR EXCAVATION.
15. CONTRACTOR MUST COORDINATE EQUIPMENT AND MATERIAL STORAGE OR LAYDOWN AREAS WITH OWNER PRIOR TO WORK. CONTRACTOR IS FULLY RESPONSIBLE FOR ALL MATERIAL AND EQUIPMENT SECURITY.
16. CONTRACTOR SHALL TAKE PICTURES AND VIDEO OF SITE PRIOR TO CONSTRUCTION AND SUBMIT TO OWNERS REPRESENTATIVE. ANY DAMAGES TO EXISTING PARK LANDSCAPING, INFRASTRUCTURE, VEGETATION AND AMENITIES SHALL BE REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE CITY OF SPARKS, AT NO COST TO THE OWNER.

LEGEND:

-  LIMITS OF WORK
-  EXISTING SYNTHETIC TURF
-  EXISTING CONCRETE SIDEWALK
-  EXISTING TREE/SHRUB (PROTECT IN PLACE)



BID SET



REV.	

GOLDEN EAGLE REGIONAL PARK FIELD #9

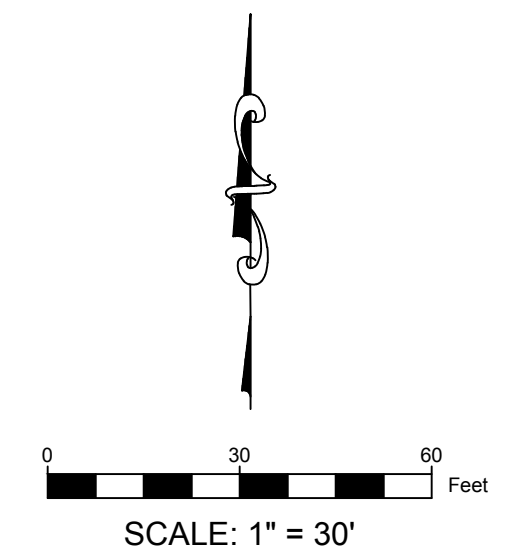
6400 VISTA BOULEVARD
SPARKS, NV

DESIGNED:	AMS
DATE:	FEBRUARY 2022
DRAWN:	SAW
PROJ.	21-168
SCALE:	1" = 30'

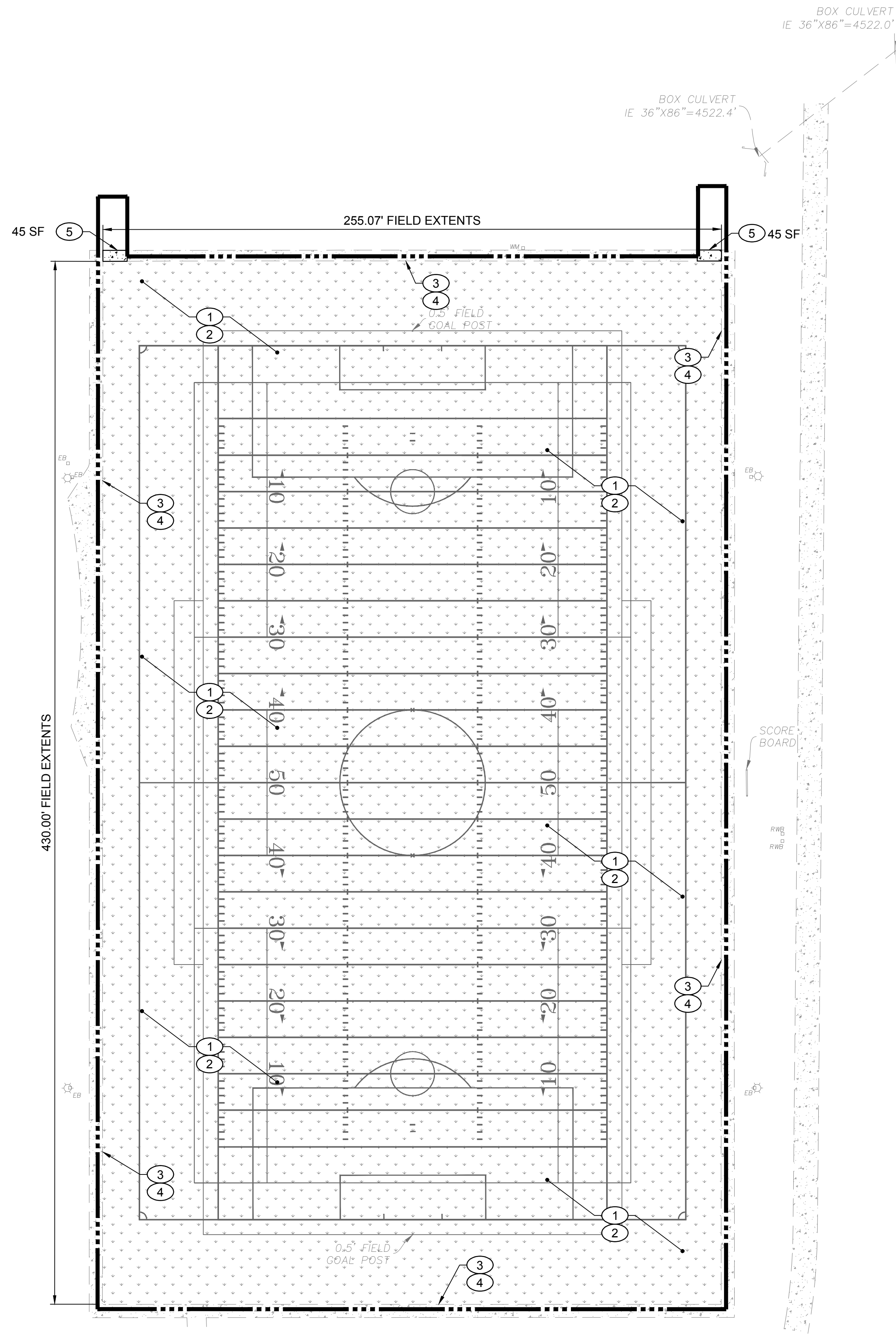
DEMOLITION PLAN

DWG. NO.

PF-02



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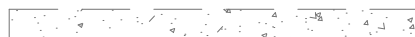
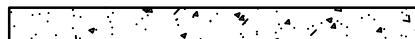
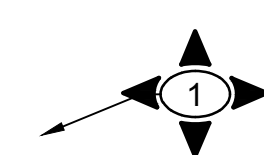
SURFACING KEY NOTES:

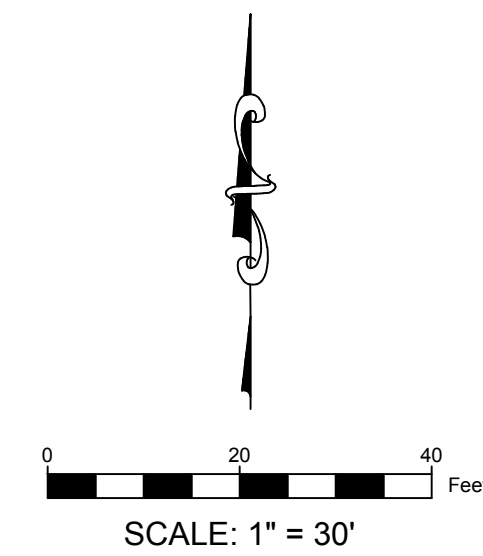
- ① PRIOR TO PAD AND SYNTHETIC TURF PLAYING FIELD INSTALLATION THE CONTRACTOR SHALL CORRECT ANY DEVIATIONS IN EXISTING AGGREGATE BASE SURFACE THAT DO NOT MEET PLANARITY REQUIREMENTS PER THE SPECIFICATIONS.
- ② INSTALL NEW SYNTHETIC TURF AND SHOCK/DRAIN PAD OVER EXISTING BASE PER SPECIFICATIONS AND PER DETAIL 1 ON SHEET PF-06. TURF INLAYS INCLUDING SPORTS LINES, HASHMARKS, NUMBERS, LETTERS, AND LOGOS MUST BE INSTALLED PER OWNER APPROVED TURF SHOP DRAWINGS TO BE SUBMITTED FOR REVIEW BY CONTRACTOR.
- ③ ADJUST PLAYING FIELD NAILER BOARD AND BASE ELEVATIONS AT FIELD PERIMETER. ADJUST NAILER BOARD ELEVATIONS TO MAINTAIN SMOOTH/FLUSH TRANSITION BETWEEN TOP OF INFILL SURFACE ON TURF AND ADJACENT SURFACE WITH NO GRADING GAP OR LIP.
- ④ ATTACH SYNTHETIC TURF TO NAILER BOARD. CONTRACTOR MUST REPLACE NAILER BOARDS THAT THEY DAMAGE. SEE DETAIL 2 ON SHEET PF-06.
- ⑤ CONSTRUCT NEW 4" P.C.C. SIDEWALK PER DETAIL 6 ON SHEET PF-06. APPROXIMATE AREA OF NEW SIDEWALK PER PLAN.

SURFACING GENERAL NOTES:

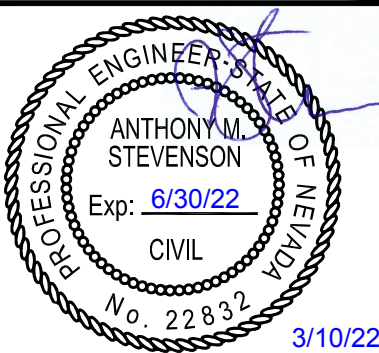
1. CONTRACTOR IS RESPONSIBLE FOR PREPARATION OF THE SUBGRADE AND BASE STONE IN A MANNER THAT MEETS OR EXCEEDS ALL REQUIREMENTS SET IN THESE BID DOCUMENTS AND ACCOMPANYING SPECIFICATIONS.
2. CONTRACTOR MUST SUBMIT COMPLETE SHOP DRAWINGS AND COLOR SAMPLES FOR REVIEW AND APPROVAL PRIOR TO PURCHASE OF SYNTHETIC TURF. SUBMITTALS FOR SHOP DRAWINGS AND COLOR SAMPLES MUST BE IN ACCORDANCE WITH THE GENERAL CONDITIONS. ADDITIONAL MARKS, LINES, LOGOS AND LETTERS NOT SHOWN ON THESE PLANS MAY BE REQUIRED.
3. ALL COMPETITION REQUIRED STRIPES AND MARKINGS MUST BE INLAID AND MUST MEET THE LATEST REQUIREMENTS OF NFHS FOOTBALL AND SOCCER RULES. FOOTBALL MARKINGS TO BE WHITE.
4. THE OWNER (OR ITS REPRESENTATIVE) MUST REVIEW AND APPROVE THE FONTS USED FOR YARD LINE NUMBERING, ENDZONE LETTERING, AND MIDFIELD LOGO PRIOR TO INSTALLATION OF THE SYNTHETIC TURF.

LEGEND:

-  LIMITS OF WORK
-  NEW SYNTHETIC TURF PLAYING FIELD
-  EXISTING CONCRETE SIDEWALK
-  NEW CONCRETE SIDEWALK
-  KEYNOTE CALLOUT SYMBOL



BID SET



REV.	

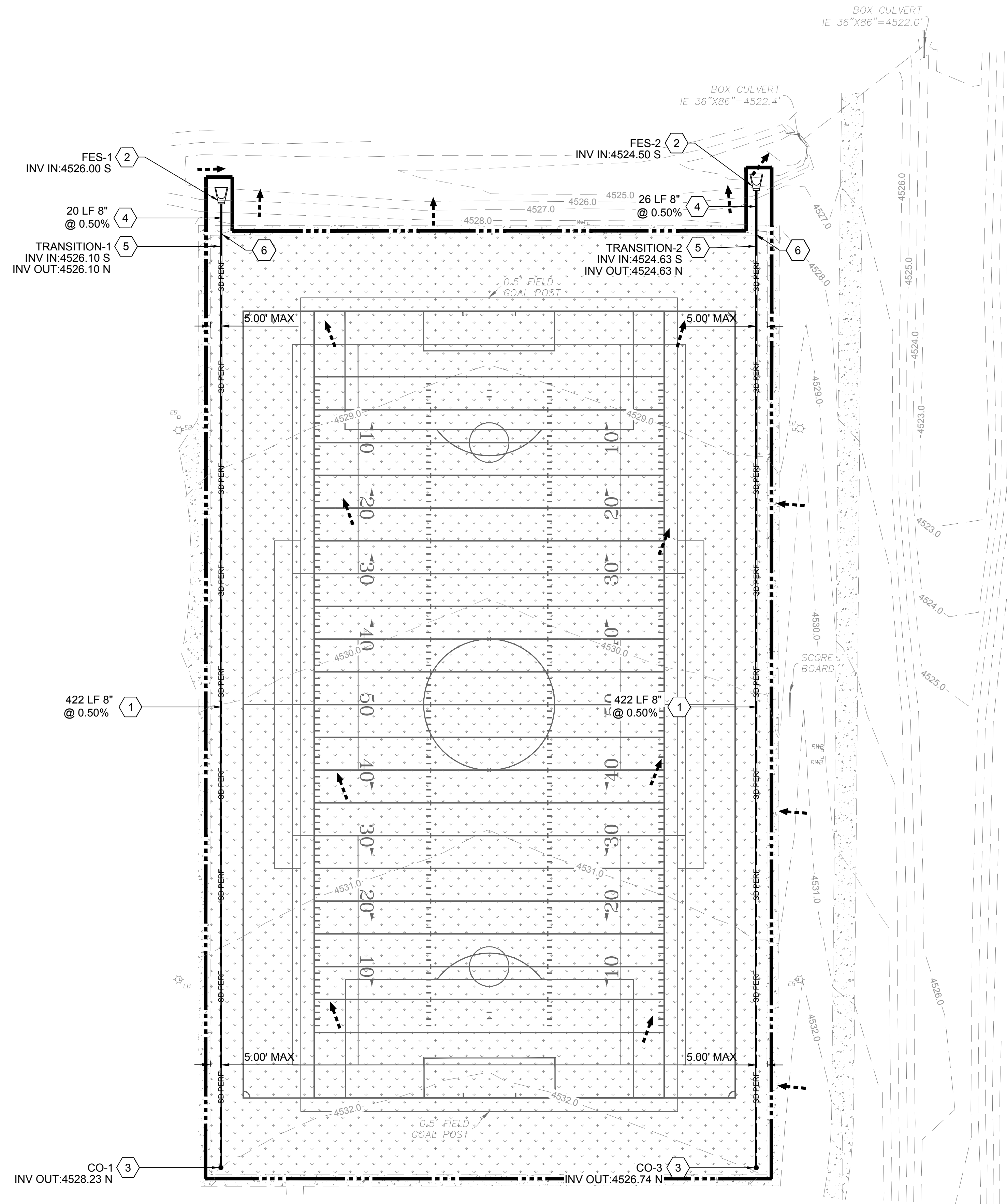
GOLDEN EAGLE REGIONAL PARK FIELD #9

6400 VISTA BOULEVARD
SPARKS, NV

DESIGNED:	AMS
DATE:	FEBRUARY 2022
DRAWN:	SAW
PROJ.	21-168
SCALE:	1" = 30'

SURFACING PLAN

DWG. NO.
PF-03



DRAINAGE PLAN KEY NOTES:

- 1 INSTALL PERFORATED CHDPE PIPE IN DRAIN ROCK TRENCH, PER DETAIL 3 ON SHEET PF-06. SIZE, LENGTH, AND SLOPE PER PLAN.
- 2 INSTALL HDPE FLARED END SECTION WITH RIP RAP APRON PER DETAIL 4 ON SHEET PF-06. SIZE AND INVERT PER PLAN.
- 3 INSTALL STORM DRAIN CLEAN OUT WITH COLLAR AND SET RIM ELEVATION TO BE FLUSH WITH TOP OF EXISTING BASE PER DETAIL 5 ON SHEET PF-06. SIZE AND INVERT PER PLAN.
- 4 INSTALL SOLID CHDPE PIPE IN TRENCH PER DETAIL 7 ON SHEET PF-06. SIZE, LENGTH, AND SLOPE PER PLAN.
- 5 TRANSITION FROM PERFORATED PIPE TO SOLID PIPE 5' AWAY FROM EDGE OF SIDEWALK EDGE.
- 6 SLURRY BACKFILL USING A 1/2 SACK MIX FOR A MINIMUM OF 2 LINEAR FEET OF PIPE BELOW CONCRETE SIDEWALK.

DRAINAGE GENERAL NOTES:

- 1. CONTRACTOR TO PROTECT ALL SUB DRAINS, CONDUIT, AND PIPES IN THE FIELD IN PLACE. THE CONTRACTOR SHALL ENSURE NO DAMAGE OCCURS TO EXISTING DRAIN PIPES THROUGHOUT ENTIRE PERIOD OF WORK.
- 2. ALL NEW CLEANOUTS IN FIELD TO BE FLUSH WITH STONE BASE ELEVATION.

LEGEND:

- LIMITS OF WORK
- - - - SD PERF PERFORATED CHDPE PIPE
- SD SOLID CHDPE PIPE
- ← - - - SURFACE FLOW DIRECTION

BID SET



REV.	DESCRIPTION

GOLDEN EAGLE REGIONAL PARK FIELD #9

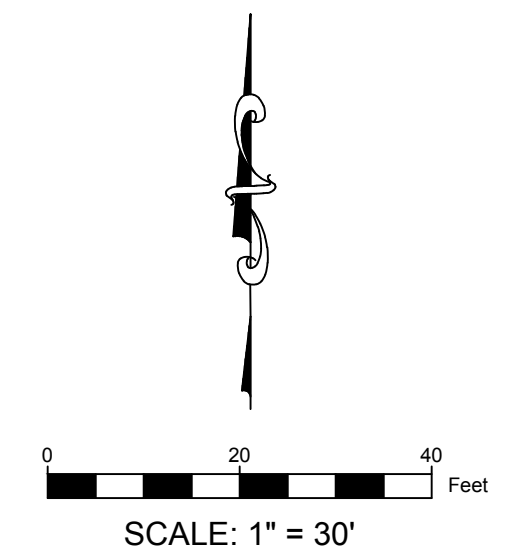
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DRAINAGE PLAN

DWG. NO.

PF-04





COLOR LIST:

- SOCCER LINE COLOR:
YELLOW
- FOOTBALL LINE COLOR:
WHITE
- LACROSSE LINE COLOR:
RED
- PRIMARY FIELD COLOR:
GREEN

PLAYING FIELD GENERAL DIMENSIONS:

- HIGH SCHOOL FOOTBALL = 160' X 360'
- HIGH SCHOOL SOCCER = 225' X 360'
- YOUTH LACROSSE = 180' X 330'

GRAPHICS GENERAL NOTES:

1. GENERAL CONTRACTOR IS RESPONSIBLE FOR PREPARATION OF THE BASE IN THE TURF AREAS AND FOR COORDINATION WITH THE TURF INSTALLER'S WORK. TURF INSTALLER MUST SUBMIT COMPLETE SHOP DRAWINGS AND COLOR SAMPLES FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION OF SYNTHETIC TURF. SUBMITTALS FOR SHOP DRAWINGS AND COLOR SAMPLES MUST BE IN ACCORDANCE WITH THE SPECIFICATIONS.
2. THE OWNER (OR ITS REPRESENTATIVE) MUST REVIEW AND APPROVE THE FONTS USED FOR YARD LINE NUMBERING, END ZONE LETTERING PRIOR TO INSTALLATION OF THE SYNTHETIC TURF.
3. CONTRACTOR MAY USE THEIR STANDARD COLOR PALETTE, HOWEVER, IF THEIR STANDARD COLORS ARE NOT CONSISTENT WITH THIS DRAWING AND CITY OF SPARKS EXPECTATIONS, THEN CUSTOM COLORS SHALL BE PROVIDED. CONTRACTOR MAY SUBMIT COLOR SWATCHES DURING OR WITH THEIR BID FOR REVIEW BY THE CITY OF SPARKS.
4. PRIOR TO FIELD INSTALLATION THE CONTRACTOR MUST VERIFY GOAL POST SPACING AND NOTIFY THE ENGINEER IF THE DISTANCE BETWEEN THE FACES OF THE CROSSBAR IS NOT 360".

LEGEND:

- LIMITS OF WORK
- NEW SYNTHETIC TURF PLAYING FIELD

BID SET



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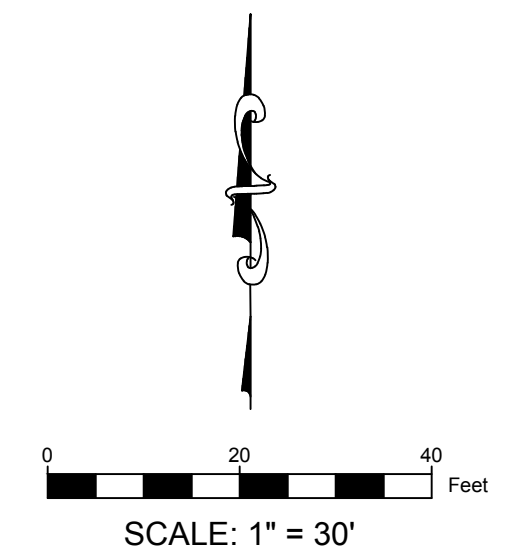
GOLDEN EAGLE REGIONAL PARK FIELD #9

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SPARKS, NV

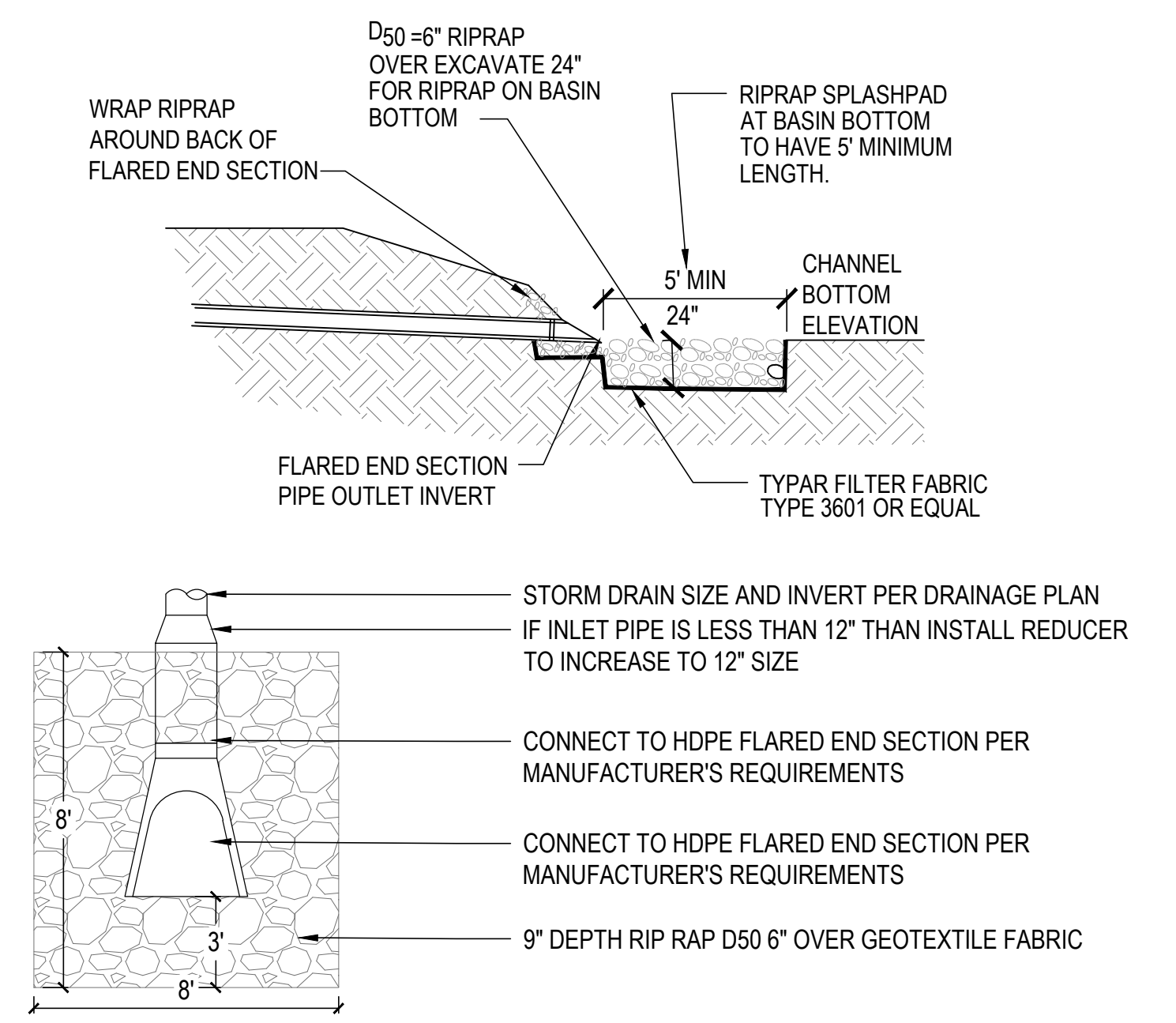
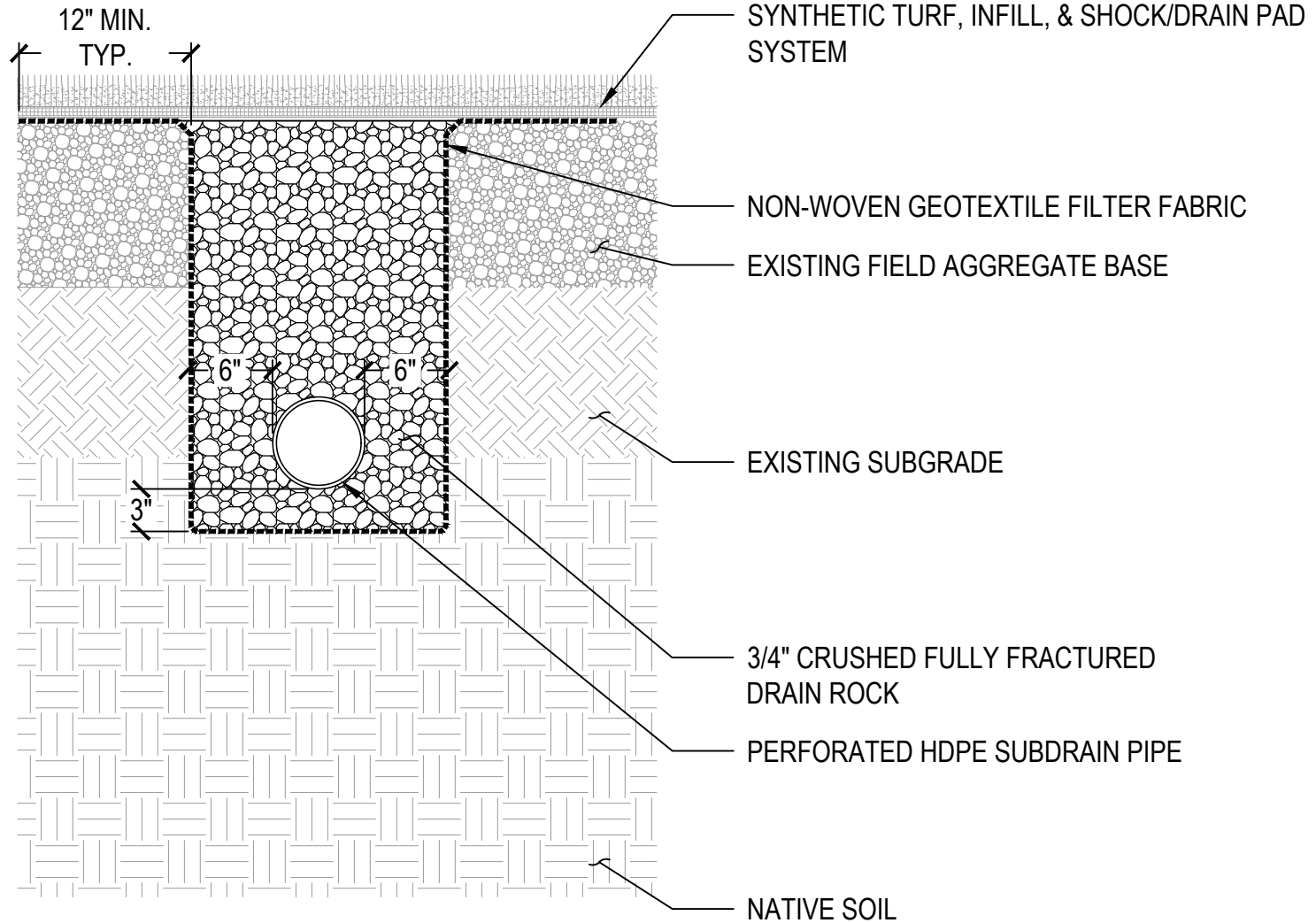
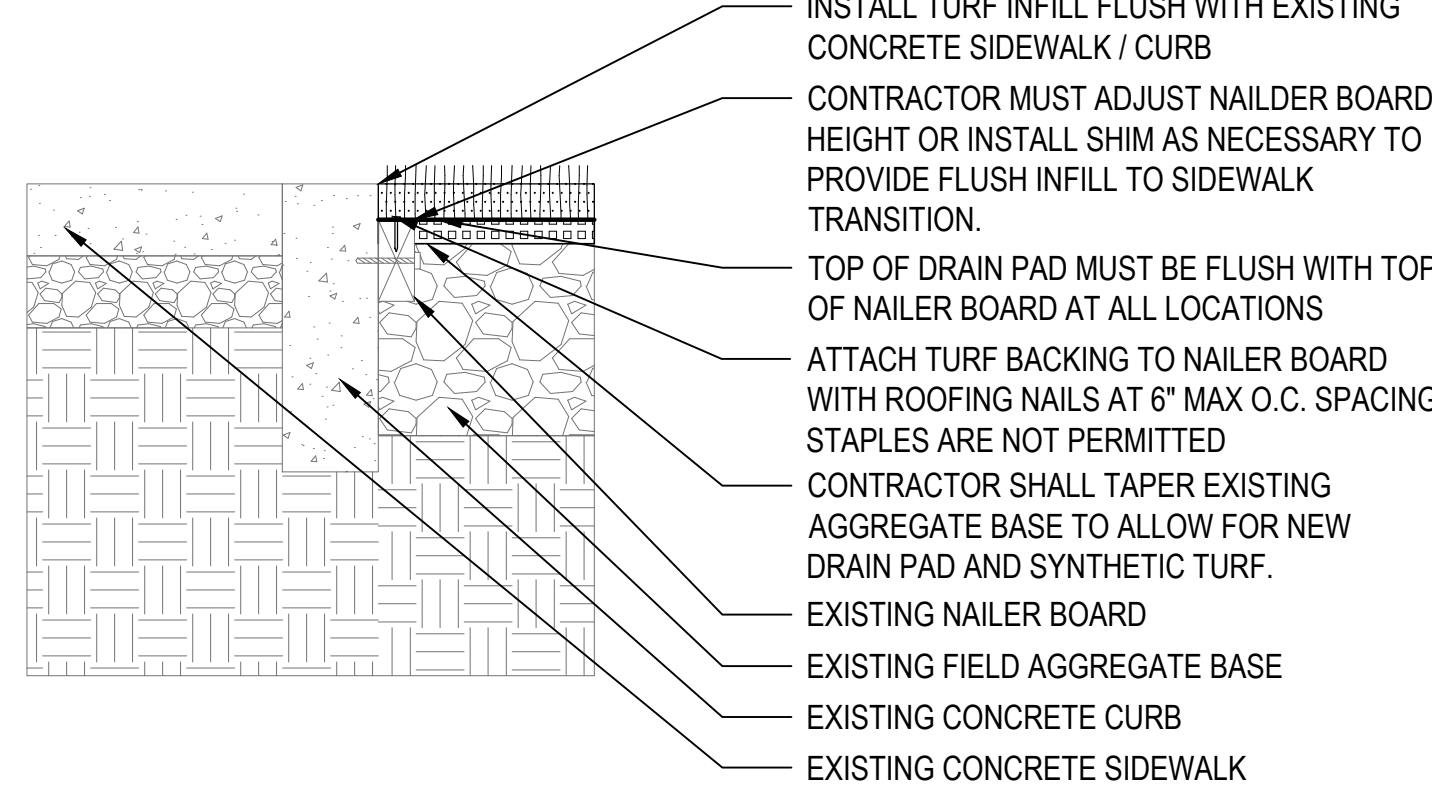
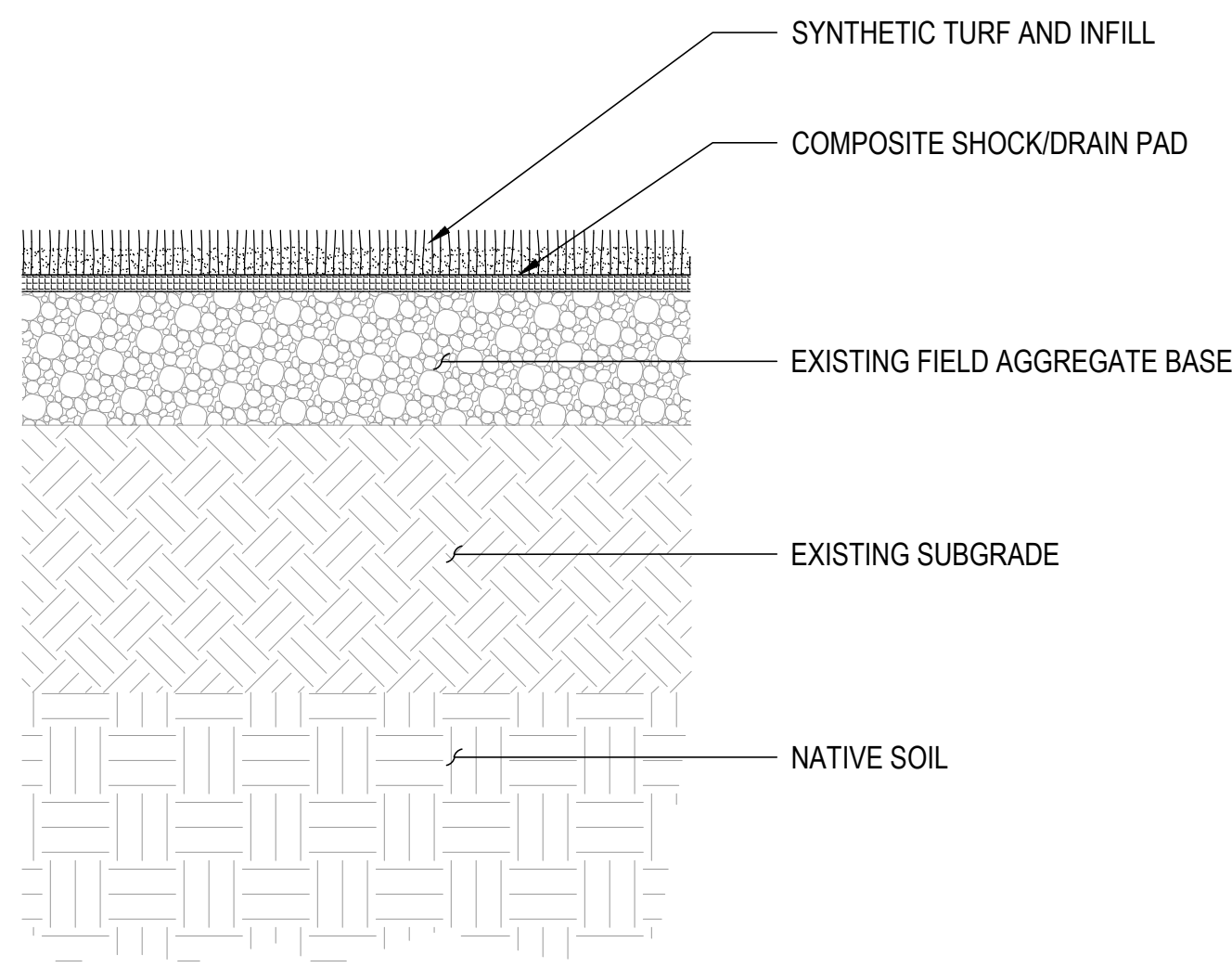
DESIGNED:	AMS
DATE:	FEBRUARY 2022
DRAWN:	SAW
PROJ.:	21-168
SCALE:	1" = 30'

GRAPHIC PLAN

DWG. NO.
PF-05



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NOTES:
1. FINISHED GRADE (FG) REFERS TO TOP OF INFILL AT SYNTHETIC TURF.
2. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

NOTES:
1. CONTRACTOR IS RESPONSIBLE FOR INSTALLING FLUSH TRANSITION BETWEEN EXISTING SIDEWALK SURFACE AND NEW SYNTHETIC TURF SURFACE WITH TOP OF INFILL FLUSH WITH ADJACENT CONCRETE CURB. NO DIPS, LIPS OR GAPS ARE PERMITTED.
2. CONTRACTOR TO TAPER EXISTING BASE SURFACE TO ACCOMMODATE NEW SYNTHETIC TURF AND THICKNESS OF NEW SHOCK/RAIN PAD AT NAILER BOARD.
3. NAILER BOARD ELEVATION IS DEPENDENT ON SPECIFIC SYNTHETIC TURF MANUFACTURER AND TYPE SUBMITTED AND APPROVED FOR BID. CONTRACTOR MUST VERIFY INFILL DEPTH AND SET NAILER BOARD AT APPROPRIATE DEPTH BELOW TOP OF CURB.

NOTES:
1. TOP OF CRUSHED DRAIN STONE SHALL BE FLUSH AND LEVEL WITH THE TOP OF SYNTHETIC TURF PERMEABLE BASE WITH MATCHING PLANARITY.

STORM DRAIN SIZE AND INVERT PER DRAINAGE PLAN IF INLET PIPE IS LESS THAN 12" THEN INSTALL REDUCER TO INCREASE TO 12" SIZE

CONNECT TO HDPE FLARED END SECTION PER MANUFACTURER'S REQUIREMENTS

CONNECT TO HDPE FLARED END SECTION PER MANUFACTURER'S REQUIREMENTS

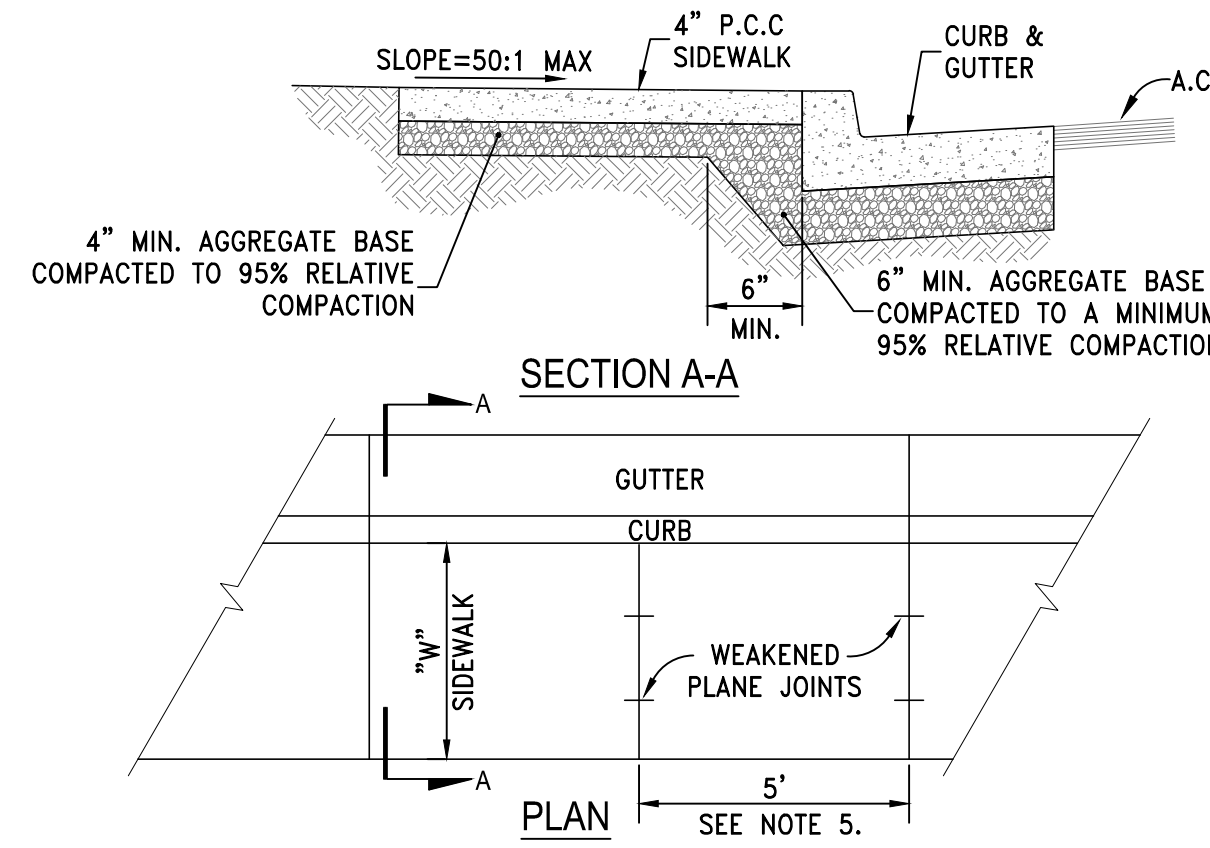
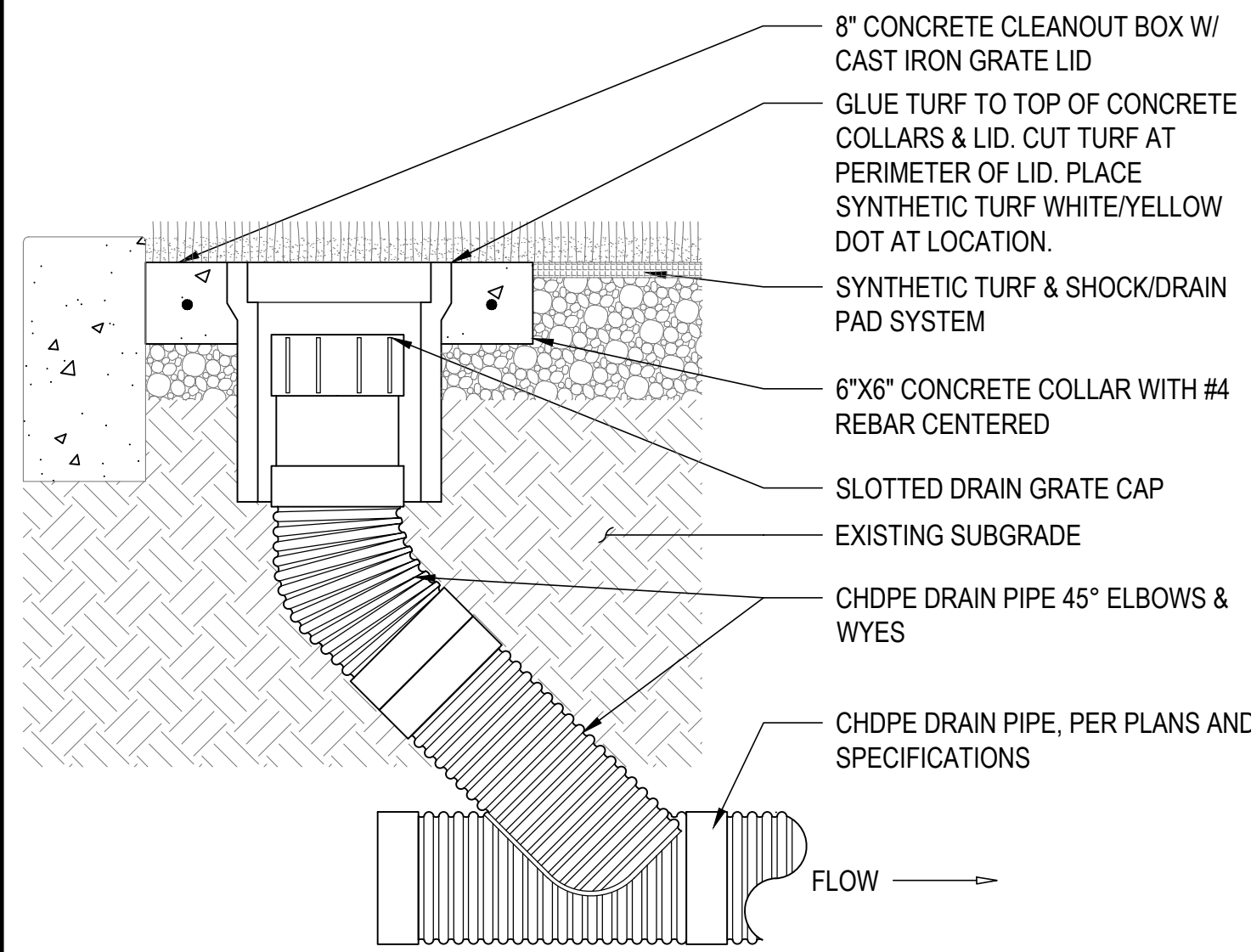
9" DEPTH RIP RAP D50 6" OVER GEOTEXTILE FABRIC

1 SYNTHETIC TURF & DRAIN PAD SYSTEM
NTS

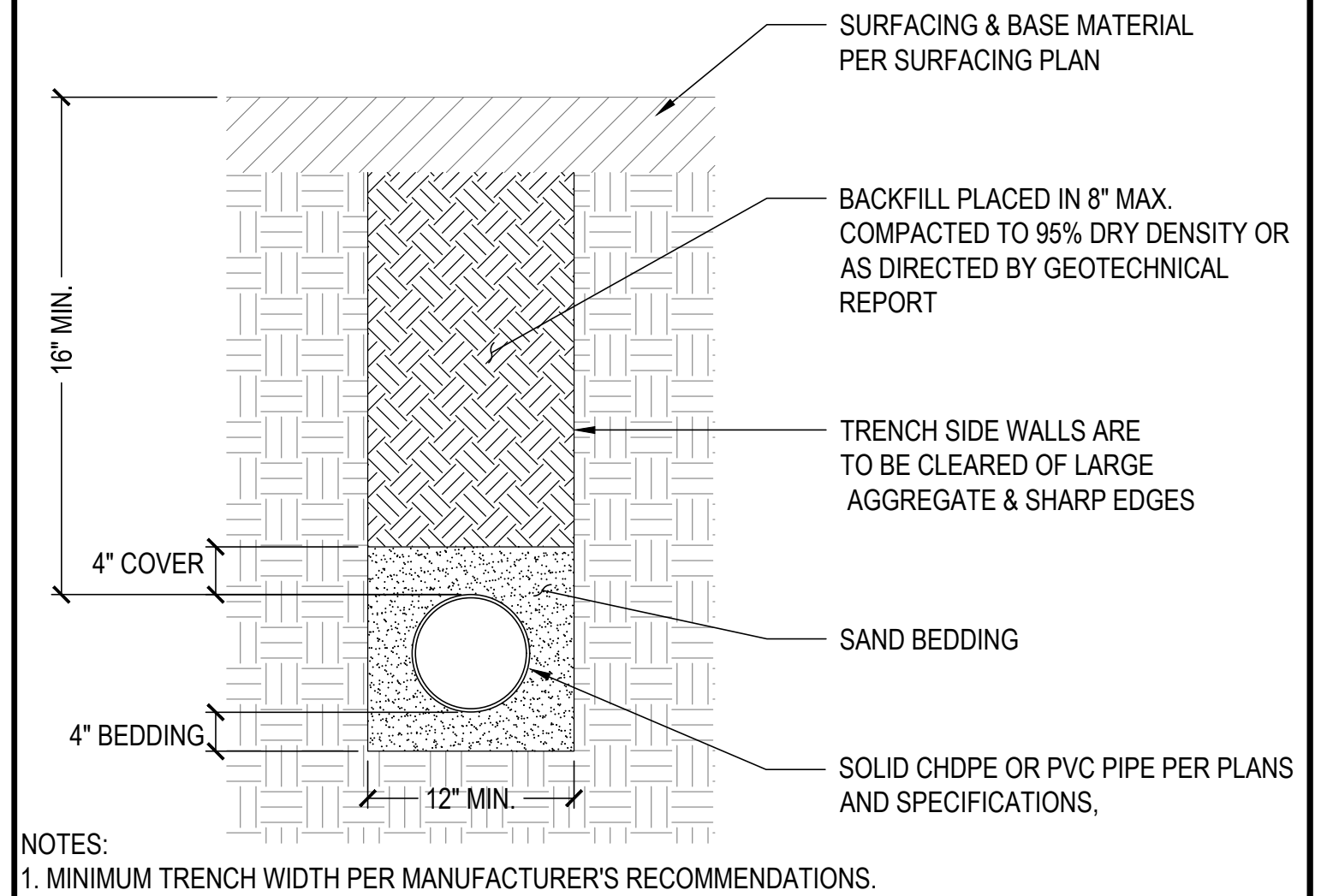
2 SYNTHETIC TURF ATTACHMENT TO EXISTING SIDEWALK/CURB
NTS

3 SYNTHETIC TURF PERFORATED SUBDRAIN
NTS

4 RIPRAP SPILLWAY AT FLARED END OUTLET
NTS



NOTES:
1. 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), AS ADOPTED BY CITY COUNCIL. CEMENT SHALL BE TYPE II. ALL CEMENT CONCRETE SHALL HAVE A COARSE AGGREGATE GRADATION CONFORMING TO SIZE No. 67. POLYPROPYLENE OR CELLULOSE FIBERS SHALL BE ADDED TO THE P.C.C. AT 1.5 LBS. PER CUBIC YARD. ALL MATERIALS SHALL CONFORM TO SSPWC, AS ADOPTED BY CITY COUNCIL.
2. AGGREGATE BASE MATERIAL UNDER SIDEWALKS SHALL BE TYPE 2, CLASS B CRUSHED AGGREGATE BASE. MATERIALS SHALL CONFORM TO SSPWC SECTION 200, AS ADOPTED BY CITY COUNCIL.
3. SIDEWALK WIDTH "W" SHALL BE 4 FT MIN. WITH 60" PASSING SPACE EVERY 200' ON RESIDENTIAL STREETS AND 6 FT MIN. ON COLLECTOR AND ARTERIAL STREETS.
4. WEAKENED PLANE JOINTS SHALL BE CONSTRUCTED AT 5 FT INTERVALS AND ACCORDANCE WITH SECTION 312 OF THE SSPWC, AS ADOPTED BY CITY COUNCIL.
5. 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.
6. SIDEWALKS SHALL NOT BE POURED MONOLITHICALLY WITH CURBS.
7. TUNNELING AND/OR BORING IS NOT ALLOWED.



NOTE:
1. TRIM TURF AROUND THE CLEANOUT BOX LID SUCH THAT THE LID IS REMOVABLE.
2. CLEANOUT SHALL HAVE GRATED LID.

NOTES:
1. MINIMUM TRENCH WIDTH PER MANUFACTURER'S RECOMMENDATIONS.

5 STORM DRAIN CLEANOUT IN SYNTHETIC TURF
NTS

6 CITY OF SPARKS SIDEWALK DETAIL (DRAWING NO. S-103)
NTS

7 SOLID DRAIN PIPE TRENCHING
NTS

8 NOT USED

9 NOT USED

10 NOT USED

11 NOT USED

BID SET



REV.	
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SCALE:	

GOLDEN EAGLE REGIONAL PARK FIELD #9

6400 VISTA BOULEVARD
SPARKS, NV

DETAILS

DWG. NO.
PF-06