

PROJECT TEAM:

DEVELOPER/APPLICANT

KUM & GO, L.C.
1459 GRAND AVENUE
DES MOINES, IA 50309
TEL: (515) 457-6232
ATTN: RYAN HALDER

LANDSCAPE ARCHITECT

GALLOWAY & COMPANY
6162 S. WILLOW DRIVE, SUITE 320
GREENWOOD VILLAGE, CO 80111
TEL: (303) 770-8884
ATTN: TROY NOSGER, RLA, CD

CIVIL ENGINEER

GALLOWAY & COMPANY
172 N EAST PROMONTORY, SUITE 274
FARMINGTON, UT 84025
TEL: (801) 953-1357
ATTN: DOUG STAKER, PE
ATTN: CHRISTIAN MICHAELSON, PE

SURVEYOR

GALLOWAY & COMPANY
172 N EAST PROMONTORY, SUITE 274
FARMINGTON, UT 84025
TEL: (801) 953-1357
ATTN: JERRON ATIN, PLS

GEOTECHNICAL ENGINEER

GSH GEOTECHNICAL, INC.
473 WEST 4800 SOUTH
SALT LAKE CITY, UT 84123
TEL: (801) 685-9199

POWER

ROCKY MOUNTAIN POWER
TEL: +1 (800) 469-3981

WATER

SALT LAKE CITY PUBLIC UTILITIES
1530 SOUTH WEST TEMPLE
SALT LAKE CITY, UT 84115
ATTN: CAMERON SCHARRER
EMAIL: CAMERON.SCHARRER@SLC.GOV
TEL: (801) 483-6900

SANITARY SEWER

SOUTH VALLEY SEWER DISTRICT
1253 JORDAN BASIN LANE
BLUFFDALE, UT 84065
ATTN: MIKE FOERSTER
EMAIL: MIKEF@SVSEWER.COM
TEL: (801) 576-6326

GAS

DOMINION ENERGY
TEL: (801) 324-5111

STORMWATER MANAGEMENT

SALT LAKE CITY PUBLIC UTILITIES
1530 SOUTH WEST TEMPLE
SALT LAKE CITY, UT 84115
ATTN: CAMERON SCHARRER
EMAIL: CAMERON.SCHARRER@SLC.GOV
TEL: (801) 483-6900

TELECOMMUNICATIONS

CENTURYLINK
ATTN: KEN ROMERO, EVOLVE NETWORK
EMAIL: KEN@EVOLVE.NETWORK.COM
TEL: (801) 520-9999

BRANDON MICHAELIS
801-974-8143
BRANDON.MICHAELIS@ULMEN.COM

PLANNING

SALT LAKE CITY PLANNING DIVISION
451 S STATE STREET
SALT LAKE CITY, UT 84111
ATTN: DANIEL ECHEVERRIA
EMAIL: DANIEL.ECHEVERRIA@SLC.GOV
TEL: (801) 226-3835
TEL: (801) 535-7703 (GENERAL INQUIRIES)

ENGINEERING DEPARTMENT

SALT LAKE CITY ENGINEERING
349 SOUTH 200 EAST, SUITE 600
SALT LAKE CITY, UT 84111
ATTN: MATT CASSEL
TEL: (801) 535-6140
EMAIL: MATTHEW.CASSEL@SLC.GOV

BUILDING DEPARTMENT

SALT LAKE CITY BUILDING SERVICES
451 SOUTH STATE STREET, ROOM 215
SALT LAKE CITY, UT 84111
ATTN: KEN ANDERSON
TEL: (801) 535-7968 (GENERAL INQUIRIES)
TEL: (801) 535-6624 (KEN ANDERSON)

FIRE DEPARTMENT

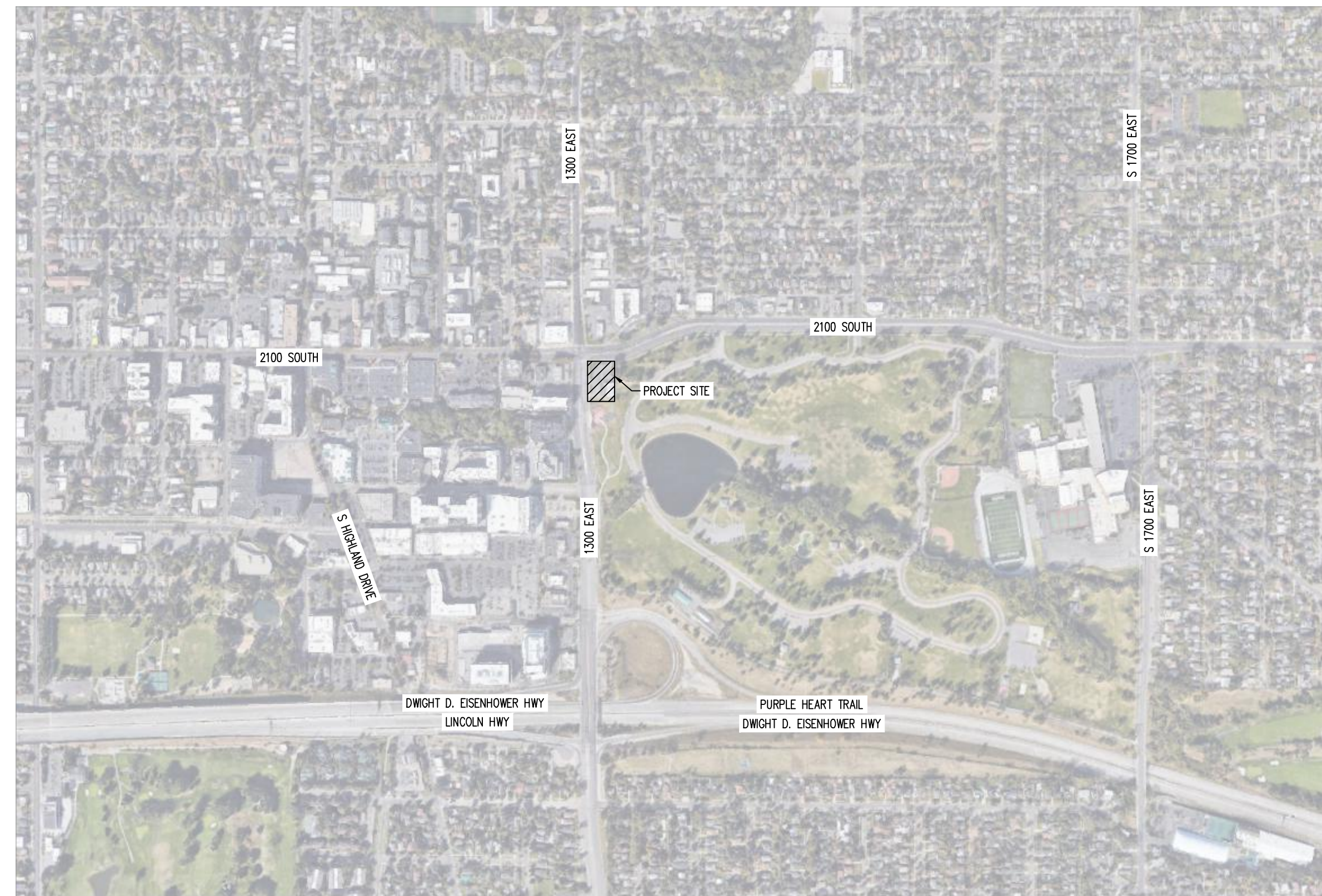
SALT LAKE CITY FIRE DEPARTMENT
475 S 300 E
PO BOX 145520
SALT LAKE CITY, UT 84115
TEL: (801) 799-3473
TEL: (801) 752-3473 (ROUTINE INQUIRIES)

STREET LIGHTS

BLACK & MCDONALD
1106 S LEGACY VIEW STREET
SALT LAKE CITY, UT 84104
ATTN: WADE LONG
TEL: (801) 316-6193
CEL: (801) 864-3855



WHERE & MEANS MORE!



VICINITY MAP
NOT TO SCALE

ZONING INFORMATION	
CURRENT: C-B (COMMUNITY BUSINESS)	
MINIMUM LOT AREA	N/A
MINIMUM LOT WIDTH	N/A
SITE AREA PER UNIT	N/A
FRONT YARD SETBACK - WEST	-
LEFT SIDE YARD SETBACK - NORTH	-
RIGHT SIDE YARD SETBACK - SOUTH	-
REAR YARD SETBACK - EAST	10 FEET
PARKING SETBACK	20 FEET
MAXIMUM BUILDING HEIGHT	30 FEET
MAXIMUM BUILDING COVERAGE	N/A
MAXIMUM IMPERVIOUS COVERAGE	N/A
FLOOR AREA RATIO	N/A
DRAINAGE BASIN	UNDERGROUND CHAMBERS

SITE DATA		
STORE TYPE	BISTRO V1	
CANOPY / DISPENSER ARRANGEMENT	3 DISPENSERS (SINGLE)	
TYPE OF USE: CONVENIENCE STORE WITH FUEL		
BUILDING HEIGHT	BUILDING	18'-00"
	PARAPET	21'-0"
	BLADE	22'-6"
CANOPY HEIGHT	17'-6"	
GROSS FLOOR AREA	3,957 S.F.	
GROSS CANOPY AREA	1,920 S.F.	
GROSS LOT AREA	± 34,648 S.F. ± 0.79 ACRES	
BUILDING COVERAGE	3,957 S.F. (11%)	
LANDSCAPE COVERAGE	3,866 S.F. (11%)	
PARKING/DRIVE/SIDEWALK COVERAGE	26,825 S.F. (78%)	
BICYCLE PARKING	2	

PARKING		
REQUIRED PARKING	STANDARD	7
	ADA	1
	TOTAL	8
PARKING RATIO = 2 CARS / 1,000 S.F.		
MAXIMUM PARKING	STANDARD	9
	ADA	1
	TOTAL	10
PARKING RATIO = 2.5 CARS / 1,000 S.F.		
PROPOSED PARKING	STANDARD	9
	ADA	1
	TOTAL	10
PARKING RATIO = 2.5 CARS / 1,000 S.F.		

SITE DEVELOPMENT DRAWINGS

STORE #2506

2111 SOUTH & 1300 EAST
SALT LAKE CITY, UTAH 84106

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BENCHMARK

BENCHMARK: STREET MONUMENT AT 2100 SOUTH AND DOUGLAS AVENUE.
NAVD88 ELEVATION = 4401.32'

BASIS OF BEARING

ALL BEARINGS ARE GRID BEARINGS OF THE UTAH STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, NORTH AMERICAN DATUM 1983. THE MONUMENTED CENTERLINE OF 2100 SOUTH STREET BEARS S 89°57'41" E MONUMENTED AS SHOWN HEREON.

LEGAL DESCRIPTION

A PART OF BLOCK 46, 10-ACRE PLAT "A", BIG FIELD SURVEY, SALT LAKE CITY, UTAH, FURTHER DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE EAST RIGHT OF WAY LINE OF 1300 EAST STREET WHICH IS 66.00 FEET EAST AND 284.00 FEET SOUTH AND 45.05 FEET NORTH 84°15'00" EAST FROM THE NORTHEAST CORNER OF LOT 10 OF SAID BLOCK 46; RUNNING THENCE NORTH 01°00' WEST 235.41 FEET ALONG SAID EAST RIGHT OF WAY TO THE SOUTH RIGHT OF WAY LINE OF 2100 SOUTH STREET; THENCE ALONG SAID SOUTH RIGHT OF WAY LINE (4) FOUR COURSES AS FOLLOWS: NORTH 89°51'00" EAST 33.31 FEET TO A POINT OF CURVATURE, EASTERLY ALONG THE ARC OF A 766.20 FOOT RADIUS CURVE TO THE LEFT A DISTANCE OF 511.6 FEET (CENTRAL ANGLE EQUALS 3°49'33" AND LONG CHORD BEARS NORTH 87°56'14" EAST 51.15 FEET), NORTH 2.84 FEET AND EAST 66.58 FEET TO A POINT ON THE EAST SECTION LINE OF SECTION 20, TOWNSHIP 1 SOUTH, RANGE 1 EAST, S1344W; THENCE SOUTH 01°3'44" WEST 225.07 FEET ALONG SAID SECTION LINE; THENCE SOUTH 84°15'00" WEST 150.80 FEET TO THE POINT OF BEGINNING.

CONTAINS: 34,648 SQ. FT. OR 0.795 ACRES

FEMA FLOOD ZONE

PER FIRMETTE 490350030TH, EFFECTIVE 11/19/2021;

THIS PROPERTY RESIDES IN FEMA FLOOD ZONE X - AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN

CONFIDENTIAL DOCUMENT:
INFORMATION CONTAINED IN THIS DOCUMENT IS PROPRIETARY TO KUM & GO, L.C. AND SHALL NOT BE DISTRIBUTED.

SOIL PREPARATION & PAVEMENT DESIGN NOTE

SOIL PREPARATION AND PAVEMENT DESIGN SHALL BE PER RECOMMENDATIONS FROM A GEOTECHNICAL REPORT PREPARED FOR THIS SITE AS FOLLOWS: GEOTECHNICAL ENGINEERING EXPLORATION AND ANALYSIS: PROPOSED PUBLIC STORAGE FACILITY

GEOTECHNICAL ENGINEER: GSH GEOTECHNICAL CONSULTANTS, INC.

PROJECT NO: 2774-019-21 DATE: JANUARY 17, 2022

THE CONTRACTOR MUST FULLY REVIEW THIS REPORT PRIOR TO CONSTRUCTION. INFORMATION IN THE GEOTECHNICAL REPORT SUPERSEDES ANY CONFLICTING INFORMATION CONTAINED IN THE CONSTRUCTION PLANS AND SPECIFICATIONS. REFER TO GENERAL STRUCTURAL NOTES FOR SPECIFIC SOIL PREPARATION AT SITE STRUCTURES.

CAUTION - NOTICE TO CONTRACTOR

1. ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION. **Call before you dig.**



2. WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POT-HOLING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.

Galloway

PRELIMINARY
NOT FOR BIDDING
NOT FOR CONSTRUCTION



1459 Grand Ave
Des Moines, IA 50309
P: 888-458-6646

#2506 - SALT LAKE CITY, UTAH
2111 SOUTH 1300 EAST
COVER SHEET

KG PROJECT TEAM:
RDM: SCOTT BABCOCK
SDM: RYAN HALDER
CPM: SCOTT NEWBURY

REVISION DESCRIPTION	DATE	REVISIONS

DATE: 11.01.2022

SHEET NUMBER:
C0.0
1 OF 26

GENERAL NOTES

- 1. ALL WORK AND CONSTRUCTION OF THIS PROJECT ON PRIVATE PROPERTY SHALL CONFORM TO KUM & GO STANDARD SPECIFICATIONS, SALT LAKE CITY, UDOT, AND THE SPECIFICATIONS/DETAILS SHOWN ON THESE PLANS.
2. ALL WORK AND CONSTRUCTION WITHIN PUBLIC RIGHT OF WAY AND EASEMENTS SHALL CONFORM TO THE TECHNICAL SPECIFICATIONS, STANDARD DETAILS, AND DESIGN CRITERIA FOR PUBLIC IMPROVEMENT PROJECTS OF SALT LAKE CITY, COUNTY OF SALT LAKE, UTAH, AND THE GRANTOR OF THE EASEMENT AS APPLICABLE.
3. IN CASE OF A CONFLICT BETWEEN VARYING SPECIFICATIONS, THE MOST STRINGENT SHALL APPLY.
4. THE CONTRACTOR SHALL OBTAIN A COPY OF THE LATEST STANDARD SPECIFICATIONS AND DETAILS OF ALL AGENCIES EXERCISING JURISDICTION OVER THIS PROJECT, WHICH ARE INCORPORATED BY REFERENCE ON THESE PLANS. A COPY OF THESE SPECIFICATIONS AND DETAILS SHALL BE MAINTAINED ON THE JOBSITE AT ALL TIMES.
5. THE CONTRACTOR SHALL HAVE IN HIS POSSESSION AT ALL TIMES ONE (1) SIGNED COPY OF THE PLANS, STANDARDS, AND SPECIFICATIONS AS APPROVED BY THE APPROPRIATE GOVERNING AGENCY AND OWNER. THE CONTRACTOR SHALL NOT CHANGE OR DEViate FROM THESE PLANS WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE OWNER, ENGINEER, AND GOVERNING AGENCY.
6. ALL WORK SHALL CONFORM TO ALL LOCAL, STATE, AND FEDERAL APPLICABLE LAWS AND REGULATIONS.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL JOB SITE SAFETY ON THE PROJECT. THIS SHALL INCLUDE THE SAFETY OF HIS OWN PERSONNEL, SUBCONTRACTORS, ALL VISITORS TO THE SITE, AND THE GENERAL PUBLIC. ALL JOB SITE SAFETY SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS AND CODES, AND ENSURE COMPLIANCE INCLUDING, BUT NOT LIMITED TO, THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REQUIREMENTS.
8. THE CONTRACTOR SHALL CONTACT ONE CALL OF UTAH AT #811 A MINIMUM OF 72 HOURS (EXCLUDING WEEKENDS AND HOLIDAYS) IN ADVANCE OF ANY EXCAVATION.
9. THE LOCATIONS OF EXISTING UTILITIES AND STRUCTURES SHOWN ON THE PLANS ARE APPROXIMATE AND HAVE BEEN SHOWN FROM AVAILABLE SURVEYS AND/OR RECORDS. THERE MAY BE ADDITIONAL UTILITIES PRESENT, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE, EXACT LOCATIONS/SIZE, ADEQUATELY PROTECT/SUPPORT, AND TO AVOID DAMAGE THERETO. THE CONTRACTOR SHALL INCLUDE, AT NO ADDITIONAL COST, ANY POTHOLES OR EXPLORATORY EXCAVATIONS NECESSARY TO LOCATE EXISTING UTILITIES. UTILITIES SHALL BE LOCATED SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISIONS ARE NECESSARY DUE TO ACTUAL LOCATION OF EXISTING FACILITIES. DAMAGE TO UTILITIES AND STRUCTURES SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE GOVERNING AGENCY AND/OR THE UTILITY OWNER.
10. ALL MATERIALS SHALL BE NEW UNLESS OTHERWISE INDICATED IN THE PLANS, AND SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE OWNER OR THE OWNER'S REPRESENTATIVE.
11. LOCATIONS AND ELEVATIONS OF EXISTING IMPROVEMENTS TO BE MET (OR AVOIDED) BY THE PROPOSED WORK SHALL BE CONFIRMED BY THE CONTRACTOR THROUGH FIELD EXPLORATIONS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL REPORT TO THE OWNER ANY DISCREPANCIES BETWEEN HIS MEASUREMENTS AND THESE PLANS.
12. THE CONTRACTOR SHALL CONTACT THE OWNER IMMEDIATELY UPON DISCOVERY OF ANY ERRORS OR INCONSISTENCIES SHOWN IN THE PLANS AND/OR SPECIFICATIONS. DO NOT SCALE DRAWINGS - USE ONLY DIMENSIONS PROVIDED ON THESE PLANS.
13. ALL ESTIMATES OF QUANTITIES ARE FOR INFORMATIONAL PURPOSES ONLY. CONTRACTOR AND SUBCONTRACTORS SHALL BE RESPONSIBLE FOR DETERMINING ACTUAL QUANTITIES, AND SHALL PROVIDE ALL WORK AND MATERIALS NECESSARY TO CONSTRUCT THE PROJECT IN ITS ENTIRETY.
14. CONTRACTOR SHALL PROTECT ALL EXISTING IMPROVEMENTS NOT DESIGNATED FOR REMOVAL AND THOSE IMPROVEMENTS THAT ARE OUTSIDE THE LIMITS OF THE PROPOSED CONSTRUCTION. CONTRACTOR SHALL TAKE CARE TO AVOID DAMAGE THERETO AND SHALL PROVIDE TEMPORARY FENCING, BARRICADES, SUPPORTS, RESTRAINTS, AND/OR BRACING WHERE REQUIRED TO PROTECT EXISTING IMPROVEMENTS. DAMAGE TO EXISTING IMPROVEMENTS SHALL BE REPAIRED AND/OR REPLACED TO EQUAL OR BETTER CONDITION AT THE CONTRACTOR'S EXPENSE.
15. ALL GRADING AND CONSTRUCTION ACTIVITIES SHALL BE CONFINED TO THE OWNER'S PROPERTY, PUBLIC RIGHT-OF-WAY, PERMANENT EASEMENTS, AND TEMPORARY CONSTRUCTION EASEMENTS.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS NOT OBTAINED BY THE OWNER OR OWNER'S REPRESENTATIVES, AND PAY ALL FEES AS REQUIRED BY THE CONSTRUCTION COVERED IN THESE PLANS.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE APPROPRIATE GOVERNING AGENCIES AND LOCAL FIRE DEPARTMENT OF ALL STREET CLOSURES AND EXISTING FIRE HYDRANTS/FIRE SUPPRESSION TAKEN OUT OF SERVICE AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.
18. THE CONTRACTOR IS RESPONSIBLE FOR ALL SITE SECURITY AND SHALL PROPERLY PROTECT AND BARRICADE THE CONSTRUCTION SITE UNTIL CONSTRUCTION IS COMPLETE. STORAGE, LOSS DUE TO THEFT, OR VANDALISM OF MATERIALS AND EQUIPMENT (SECURED OR UNSECURED) WILL BE SOLELY AT THE CONTRACTOR'S EXPENSE.
19. PRIOR TO BEGINNING THE WORK, THE CONTRACTOR SHALL OBTAIN ANY WRITTEN AGREEMENTS FOR INGRESS AND EGRESS TO THE WORK FROM ADJACENT PRIVATE PROPERTY OWNERS. ACCESS TO ANY ADJACENT PRIVATE PROPERTY SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD, DURING ALL HOURS OF OPERATION FOR THE BUSINESS LOCATED ON THOSE PARCELS.
20. FOR ANY CHANGES OR DEVIATIONS FROM THESE PLANS PROPOSED BY THE CONTRACTOR, SHOP DRAWINGS AND MATERIAL SPECIFICATIONS SHALL BE SUBMITTED TO OWNER FOR REVIEW AND APPROVAL PRIOR TO PLACEMENT OF MATERIAL.
21. CONTRACTOR MUST COORDINATE ALL CONSTRUCTION WITH THE DESIGNATED KUM & GO CONSTRUCTION PROJECT MANAGER.
22. CONTRACTOR SHALL PROTECT AND PRESERVE ALL SURVEY CONTROL AND PROPERTY MONUMENTATION. ANY DAMAGED MONUMENTS SHALL BE RESET BY A PROFESSIONAL LAND SURVEYOR LICENSED IN THE PROJECT'S STATE AT THE CONTRACTOR'S EXPENSE.
23. PRIOR TO MOVING OFF THE JOB SITE THE CONTRACTOR SHALL NOTIFY THE OWNER OR THE OWNER'S REPRESENTATIVE TO PERFORM THE FINAL WALK-THROUGH OF THE CONSTRUCTION SITE.
24. TEMPORARY POWER, TELEPHONE, AND WATER FOR THE SITE IS THE CONTRACTOR'S RESPONSIBILITY UNLESS OTHERWISE SPECIFIED.
25. CONTRACTOR SHALL REFER TO OTHER DRAWINGS ISSUED BY ARCHITECT, STRUCTURAL, ELECTRICAL, AND MECHANICAL ENGINEERS. ENSURE COORDINATION OF EXACT LOCATION AND DIMENSIONS OF BUILDINGS, EXITS, RAMPS, UTILITY ENTRANCE LOCATIONS AND GRADES AROUND THE BUILDING. IMMEDIATELY NOTIFY OWNER OF ANY DISCREPANCIES.
26. NO BELOW GRADE WORK SHALL BE BACKFILLED (INCLUDING BEDDING MATERIAL ABOVE THE SPRING LINE OF THE PIPE) UNTIL THE CONSTRUCTION HAS BEEN INSPECTED AND APPROVED FOR BACKFILLING BY THE APPROPRIATE GOVERNING AGENCY, OWNER AND/OR OWNER'S REPRESENTATIVE.
27. THE CONTRACTOR SHALL PROVIDE ALL TRAFFIC CONTROL NECESSARY TO COMPLETE THE WORK. ALL TRAFFIC CONTROL DEVICES AND METHODS OF CONTROLLING TRAFFIC THROUGH

CONSTRUCTION ZONES SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MUTCD, AND ALL REVISIONS THERETO INCLUDING LOCAL AND STATE SUPPLEMENTS. ADDITIONAL WORK IN THE RIGHT-OF-WAY OR TRAFFIC CONTROL PERMITS MAY BE NECESSARY AND SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
28. IF UNANTICIPATED HAZARDOUS MATERIALS OF ANY KIND ARE ENCOUNTERED IN THE WORK, THE CONTRACTOR SHALL IMMEDIATELY CEASE ALL CONSTRUCTION OPERATIONS AND NOTIFY THE OWNER AND/OR OWNER'S REPRESENTATIVE FOR FURTHER DIRECTION.
29. ALL DEBRIS RESULTING FROM CONSTRUCTION AND DEMOLITION SHALL BE HAULED OFF SITE AND DISPOSED OF PROPERLY AND LEGALLY.

SITE PLAN NOTES

- 1. DIMENSIONS SHOWN ON THE SITE PLAN ARE TO FACE OF CURB LINE IN CURBED AREAS AND EXTERIOR FACE OF BUILDING, UNLESS OTHERWISE SPECIFIED.
2. A SEPARATE SIGN APPLICATION TO SALT LAKE CITY IS REQUIRED FOR ALL SIGNS.

DEMOLITION PLAN NOTES

- 1. PRIOR TO BIDDING, CONTRACTOR SHALL VISIT THE SITE TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS OF THE PROJECT AREA AND ANTICIPATED DEMOLITION REQUIREMENTS.
2. CONTRACTOR TO PROTECT ALL UTILITY, PAVING, BUILDINGS, ETC. OUTSIDE OF LIMITS OF PROPOSED CONSTRUCTION DURING DEMOLITION OPERATIONS.
3. ALL EXISTING PAVEMENT ONSITE SHALL BE REMOVED UNLESS OTHERWISE NOTED.
4. CONTRACTOR SHALL REFER TO PAVING PLAN FOR DETAILS ON LIMITS OF PAVING DEMOLITION, AND EROSION CONTROL PLAN FOR PERIMETER CONTROL.
5. ALL DEMOLITION WORK ON THIS CONSTRUCTION SITE SHALL BE IN CONFORMANCE WITH LOCAL STANDARDS AND GUIDELINES.
6. THIS DEMOLITION PLAN DEPICTS THE ANTICIPATED REMOVALS NECESSARY FOR CONSTRUCTION OF THE PROJECT. MISCELLANEOUS AND MINOR REMOVALS MAY NOT BE SHOWN IN DETAIL BUT ARE CONSIDERED OBLIGATORY TO THE PROJECT. ADDITIONAL REMOVALS MAY BE NECESSARY AND THE CONTRACTOR WILL BE REQUIRED TO REMOVE ALL EXISTING IMPROVEMENTS THAT ARE IN CONFLICT WITH THE PROPOSED CONSTRUCTION AND AS OTHERWISE DIRECTED BY THE OWNER.
7. CONTRACTOR SHALL COORDINATE DEMOLITION AND/OR RELOCATION OF EXISTING UTILITIES WITH THE APPROPRIATE UTILITY OWNER AND IN ACCORDANCE WITH THE UTILITY OWNER'S REQUIREMENTS. INTERRUPTIONS IN SERVICE SHALL BE COORDINATED WITH THE UTILITY OWNER AND PROPERTY OWNER(S) IMPACTED. CONTRACTOR SHALL COORDINATE WITH THE RESPECTIVE UTILITY COMPANY FOR PORTIONS OF THE WORK TO BE PERFORMED BY UTILITY COMPANY'S FORCES, AND PROVIDE ADEQUATE NOTICE FOR SCHEDULING. THE CONTRACTOR IS RESPONSIBLE FOR PAYING ALL FEES AND CHARGES, UNLESS OTHERWISE PAID BY KUM & GO PRIOR TO CONSTRUCTION. UTILITY REMOVAL TRENCHES SHALL BE BACKFILLED WITH APPROVED MATERIAL AND MEET COMPACTION REQUIREMENTS PER THE GEOTECHNICAL REPORT.
8. THE SITE MAY CONTAIN EXISTING FOOTINGS OR OTHER UNDERGROUND STRUCTURES THAT ARE NOT DEPICTED ON THIS PLAN. CONTRACTOR SHALL TAKE CARE TO REMOVE ALL NECESSARY STRUCTURES AND BACKFILL IN CONFORMANCE WITH THE GEOTECHNICAL REPORT. BOTTOM OF EXCAVATION SUBGRADE SHALL BE INSPECTED BY THE GEOTECHNICAL TESTING ENGINEER AND APPROVED PRIOR TO ANY BACKFILL.
9. CONTRACTOR TO COMPLETELY REMOVE TREES DESIGNATED TO BE REMOVED, STUMPS, AND ROOT SYSTEMS.
10. PRIOR TO DEMOLITION WORK, EROSION CONTROL DEVICES ARE TO BE INSTALLED. EROSION CONTROL MEASURES SHALL BE ADJUSTED AS DEMOLITION AND CONSTRUCTION SEQUENCING WARRANTS.
11. ALL EXISTING UNUSED SERVICE LINES FOR WATER AND WASTEWATER SHALL BE REMOVED PER LOCAL UTILITY COMPANY STANDARDS. ALL EXISTING UNUSED GAS, TELEPHONE, FIBER OR ELECTRIC LINE/SERVICE SHALL BE COORDINATED FOR REMOVAL WITH UTILITY COMPANY.
12. THE CONTRACTOR IS RESPONSIBLE FOR DEMOLITION, REMOVAL, AND DISPOSING IN A MANNER APPROVED BY ALL GOVERNING AUTHORITIES FOR ALL STRUCTURES, PADS, WALLS, PANS, FOUNDATIONS, PAVEMENT, UTILITIES, ETC. TO BE DEMOLISHED, SUCH THAT THE IMPROVEMENTS SHOWN ON THE PLANS CAN BE CONSTRUCTED. DEMOLITION AND DISPOSAL PERMITS SHALL BE THE CONTRACTOR'S RESPONSIBILITY. ALL FACILITIES TO BE REMOVED SHALL BE UNDERCUT TO APPROVED GRADE AND BROUGHT UP TO PROPOSED GRADE WITH SUITABLE COMPACTED FILL MATERIAL PER THE GEOTECHNICAL REPORT.
13. DURING DEMOLITION OPERATIONS, THE CONTRACTOR MUST PROTECT THE PUBLIC AT ALL TIMES USING MEANS OF THEIR CHOICE.
14. CONTRACTOR SHALL PRESERVE ALL LANDSCAPING NOT TO BE REMOVED FOR CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL AREAS DISTURBED BY CONSTRUCTION.
15. SAWCUTS SHALL BE TO FULL DEPTH OF EXISTING PAVEMENT. CONCRETE PAVEMENT SHALL BE REMOVED TO NEAREST EXISTING JOINT WHEN LESS THAN 5' FROM PROPOSED SAWCUT.

GRADING PLAN NOTES

- 1. PRIOR TO ANY GRADING OPERATIONS, ALL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE ADEQUATELY IN PLACE. REFER TO THE EROSION AND SEDIMENT CONTROL PLAN FOR REQUIREMENTS.
2. THE CONTOUR LINES, SPOT ELEVATIONS AND BUILDING FLOOR ELEVATIONS SHOWN ARE TO FINISH GRADE FOR SURFACE OF PAVEMENT, TOP OF SIDEWALKS AND CURBS, TOP OF FLOOR SLABS, ETC. REFER TO TYPICAL SECTIONS FOR MUD, SOIL, PAVING, SLAB AND AGGREGATE BASE THICKNESS TO DEDUCT FOR SUBGRADE ELEVATIONS.
3. ALL TOP OF CURB AND SIDEWALK ELEVATIONS SHALL BE 0.5' ABOVE GUTTER ELEVATIONS UNLESS OTHERWISE NOTED. IN AREAS WITH SIDEWALK ABUTTING BACK OF CURB, TOP OF CURB ELEVATIONS SHALL BE EQUAL TO SIDEWALK ELEVATIONS.
4. THE CONTRACTOR SHALL FINISH GRADE SLOPES AS SHOWN NO STEEPER THAN ONE FOOT VERTICAL IN THREE FEET HORIZONTAL.
5. CONTRACTOR SHALL GRADE LANDSCAPED AREAS TO PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDINGS AND SIDEWALKS WHEN FINISH LANDSCAPE MATERIALS ARE IN PLACE. SLOPE SHALL BE A 2% MINIMUM.
6. SITE AND BUILDING PAD PREPARATION, GRADING AND EXCAVATION PROCEDURES SHALL CONFORM TO THE RECOMMENDATIONS OUTLINED IN THE GEOTECHNICAL REPORT PREPARED BY [GSH GEOTECHNICAL CONSULTANTS, INC., JULY 30, 2021. PROJ. NO. 2774-016-21].
7. IN CASE OF ANY DISCREPANCIES REGARDING EARTHWORK BETWEEN THE GEOTECHNICAL REPORT AND THE SPECIFICATIONS SHOWN IN THESE PLANS, NOTIFY THE OWNER IMMEDIATELY.
8. THE STRIPPING OF ALL HERBACEOUS VEGETATION AND TOPSOIL IS NOT REQUIRED PER THE GEOTECHNICAL REPORT PREPARED BY [GSH GEOTECHNICAL CONSULTANTS, INC., JULY 30, 2021. PROJ. NO. 2774-016-21]. ANY TOPSOIL REMOVED SHALL BE REMOVED FROM THE SITE OR STOCKPILED FOR LATER USE IN LANDSCAPED AREAS.
9. ALL EXISTING PAVEMENT, UTILITIES, BURIED DEBRIS, RUBBLE, AND/OR STRUCTURES/FOUNDATIONS ENCOUNTERED WITHIN AREAS OF DISTURBANCE SHALL BE COMPLETELY REMOVED PRIOR TO OR DURING EARTHWORK OPERATIONS. WASTED MATERIAL SHALL NOT BE BURIED ONSITE WITHOUT THE PRIOR APPROVAL OF THE OWNER.

- 10. THE UPPER 24" OF ALL UTILITY TRENCHES IN UNPAVED AREAS SHALL BE BACKFILLED WITH COMPACTED COHESIVE SOILS. SEE GEOTECHNICAL REPORT FOR COMPACTION AND MOISTURE RECOMMENDATIONS.
11. FINAL PAVEMENT SUBGRADES SHALL BE PROOFROLLED IMMEDIATELY PRIOR TO THE PLACEMENT OF THE PAVEMENT TO DETECT LOCALIZED AREAS OF INSTABILITY. PROOFROLLING IS NOT RECOMMENDED IN THE AREAS OF THE NEW FUEL TANKS OR DELIVERY LINE INSTALLATION.
12. SUITABLE FILL MATERIALS SHALL BE PLACED IN THIN LIFTS OF 4 TO 8 INCHES LOOSE MEASUREMENT, UNLESS OTHERWISE ALLOWED IN THE GEOTECHNICAL REPORT.
13. IF REQUIRED, THE CONTRACTOR SHALL OBTAIN ALL LOCAL AND STATE PERMITS AND AUTHORIZATION TO DISCHARGE FROM DEWATERING ACTIVITIES.
14. THE CONTRACTOR SHALL DEWATER ALL EXCAVATIONS AND TRENCHES AS NEEDED FOR THE CONSTRUCTION OF THE PROJECT USING MEANS/METHODS OF HIS CHOICE. REFER TO THE GEOTECHNICAL REPORT FOR ANTICIPATED LEVELS OF GROUNDWATER AND DEWATERING RECOMMENDATIONS.
15. ALL EXCAVATIONS AND TRENCHES SHALL BE SLOPED/SHORED/BRACED FOR PROTECTION OF PERSONNEL IN ACCORDANCE WITH OSHA REGULATIONS AND AT THE CONTRACTOR'S FULL DISCRETION BASED ON THE SITE CONDITIONS. OPEN EXCAVATIONS SHALL BE ADEQUATELY PROTECTED AND/OR FENCED AS NECESSARY AND FOR THE SAFETY OF THE PUBLIC.

STORMWATER MANAGEMENT AND EROSION/SEDIMENT CONTROL NOTES

- 1. THIS PROJECT REQUIRES A PERMIT FOR STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITY FROM THE STATE'S GOVERNING AUTHORITY. CONTRACTOR TO COMMENCE WORK ON THIS SITE ONLY AFTER AN ACTIVE PERMIT NUMBER HAS BEEN OBTAINED FROM THE STATE'S GOVERNING AUTHORITY. A LOCAL CONSTRUCTION STORMWATER PERMIT IS ALSO REQUIRED BY SALT LAKE CITY.
2. THE CONTRACTOR SHALL CONTINUOUSLY PROVIDE ADEQUATE STORMWATER MANAGEMENT IN ACCORDANCE WITH THE APPROVED STORMWATER POLLUTION PREVENTION PLAN (SWPPP).
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE PUBLIC STREETS, ACCESS ROUTES, AND WATERWAYS IN THE VICINITY OF THE JOB SITE CLEAN AND FREE OF ROCKS, SOIL AND DEBRIS.
4. THE CONTRACTOR SHALL INSTALL EROSION AND SEDIMENTATION CONTROL "BEST MANAGEMENT PRACTICES" (BMPs) PRIOR TO ANY SITE PREPARATION WORK (E.G., CLEARING, GRUBBING, DEMOLITION, OR EXCAVATION).
5. THE PLACEMENT OF EROSION AND SEDIMENT BMPs SHALL BE IN ACCORDANCE WITH THE EROSION AND SEDIMENT CONTROL PLAN PREPARED FOR THE PROJECT. CONTRACTOR TO ADJUST QUANTITY, LOCATION, AND TYPE OF EROSION AND SEDIMENT CONTROL BMPs AS NECESSARY FOR THE VARIOUS PHASES OF THE WORK AND AS ACTUAL CONDITIONS WARRANT. CONTRACTOR SHALL CONTINUOUSLY MODIFY THE EROSION AND SEDIMENT CONTROL PLAN WITH CURRENT BMPs IN ACCORDANCE WITH THE CONSTRUCTION STORMWATER PERMIT REQUIREMENTS. ADDITIONAL EROSION AND SEDIMENT CONTROL BMPs EMPLOYED BY THE CONTRACTOR AT HIS DISCRETION WILL NOT BE MEASURED OR PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE WORK.
6. A GROUNDWATER DISCHARGE PERMIT MAY BE REQUIRED FROM THE STATE GOVERNING AUTHORITY PRIOR TO DISCHARGE.
7. GROUNDWATER SHALL BE SAMPLED AND SENT TO AN APPROVED LABORATORY FOR TESTING PRIOR TO BEING DISCHARGED. TESTING SHALL BE IN ACCORDANCE WITH THE PERMIT FOR STORMWATER DISCHARGE.
8. APPROVED EROSION AND SEDIMENT CONTROL BMPs SHALL BE MAINTAINED AND KEPT IN GOOD REPAIR FOR THE DURATION OF THIS PROJECT. UNLESS OTHERWISE REQUIRED BY THE STATE'S CONSTRUCTION STORMWATER PERMIT, AT A MINIMUM THE CONTRACTOR SHALL INSPECT ALL BMPs EVERY 14 DAYS, AND AFTER ALL SIGNIFICANT PRECIPITATION EVENTS I.E. RAINFALL, SNOWMELT, ALL NECESSARY MAINTENANCE AND REPAIR ACTIVITIES SHALL BE COMPLETED WITHIN TWENTY-FOUR (24) HOURS AFTER DIRECTION BY THE INSPECTOR. ACCUMULATED SEDIMENT AND CONSTRUCTION DEBRIS SHALL BE REMOVED WEEKLY FROM ALL BMPs, OR AT ANY TIME THAT SEDIMENT OR CONSTRUCTION DEBRIS ADVERSELY IMPACTS THE FUNCTIONING OF THE BMPs.
9. TOPSOIL AND SUITABLE EARTHEN MATERIALS SHALL BE SEGREGATED AND STOCKPILED WITHIN THE LIMITS OF CONSTRUCTION FOR USE ON AREAS TO BE FILLED AND RE-VEGETATED. ANY AND ALL STOCKPILES SHALL BE PLACED IN AN APPROVED LOCATION AND PROTECTED FROM EROSION ELEMENTS USING MEASURES SPECIFIED IN THE EROSION/SEDIMENT CONTROL PLAN AND STORMWATER POLLUTION PREVENTION PLAN (SWPPP).
10. SOILS THAT WILL BE STOCKPILED FOR MORE THAN THIRTY (30) DAYS SHALL BE MULCHED AND SEEDED WITH A TEMPORARY OR PERMANENT GRASS COVER WITHIN FOURTEEN (14) DAYS OF STOCKPILE CONSTRUCTION.
11. ANY SETTLEMENT OR SOIL ACCUMULATIONS BEYOND THE LIMITS OF CONSTRUCTION DUE TO GRADING OR EROSION SHALL BE REPAIRED IMMEDIATELY BY THE CONTRACTOR. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR REMEDIATION OF ANY ADVERSE IMPACTS TO ADJACENT WATERWAYS, WETLANDS, PROPERTIES, ETC. RESULTING FROM WORK DONE AS PART OF THIS PROJECT.
12. A WATER SOURCE MUST BE AVAILABLE ON SITE DURING EARTHWORK OPERATIONS AND UTILIZED AS REQUIRED TO MINIMIZE DUST FROM EARTHWORK EQUIPMENT AND WIND.
13. THE CONTRACTOR MUST KEEP ALL POLLUTANTS, INCLUDING SEDIMENT, CONSTRUCTION DEBRIS, AND TRENCH BACKFILL MATERIALS FROM ENTERING THE STORM SEWER SYSTEM.
14. ALL SPILLS INCLUDING, BUT NOT LIMITED TO, PETROLEUM PRODUCTS, SOLVENTS, AND CEMENT SHALL BE CLEANED UP IMMEDIATELY. THE LOCAL CITY/COUNTY AND STATE'S GOVERNING AUTHORITY SHALL BE NOTIFIED IMMEDIATELY.
15. THE CONTRACTOR SHALL ENSURE THAT ALL LOADS OF CUT AND FILL MATERIAL IMPORTED TO OR EXPORTED FROM THE SITE SHALL BE PROPERLY COVERED TO PREVENT LOSS OF THE MATERIAL DURING TRANSPORT ON PUBLIC RIGHT-OF-WAY. ALL MATERIAL EXPORTED FROM THE SITE SHALL BE DISPOSED OF AT A SITE PERMITTED TO ACCEPT SUCH MATERIAL.
16. THE USE OF REBAR, STEEL STAKES OR STEEL FENCE POSTS FOR STAKING DOWN STRAW OR HAY BALES, OR TO SUPPORT SILT FENCING USED AS AN EROSION CONTROL MEASURE, IS PROHIBITED.
17. THE CLEANING OF CONCRETE DELIVERY TRUCK CHUTES IS RESTRICTED TO APPROVED LOCATIONS ON THE JOB SITE. THE DISCHARGE OF WATER CONTAINING WASTE CEMENT TO THE STORM SEWER SYSTEM IS PROHIBITED. ALL CONCRETE WASTE SHALL BE PROPERLY CLEANED UP AND DISPOSED OF AT AN APPROPRIATE LOCATION.
18. CONTRACTOR SHALL PROVIDE A COMPLETED "NOTICE OF TERMINATION" TO OWNER, FOR OWNERS SUBMITTAL TO THE STATE'S GOVERNING AUTHORITY ONCE THE PROJECT IS COMPLETE. ALL DISTURBED AREAS HAVE BEEN STABILIZED AND TEMPORARY BMPs HAVE BEEN REMOVED.
19. THE CONTRACTOR SHALL CLEAN OUT ALL EXISTING AND PROPOSED INLETS, PIPES AND MANHOLES OF DEBRIS AND SEDIMENTATION AT COMPLETION OF SITEWORK. THIS WORK SHALL BE DONE TO THE SATISFACTION OF THE OWNER AND LOCAL AUTHORITIES. ANY CONSTRUCTION DEBRIS OR MUD DROPPED INTO MANHOLES, INLETS, PIPES OR TRACKED ONTO EXISTING ROADWAYS SHALL BE REMOVED IMMEDIATELY BY THE CONTRACTOR. THE CONTRACTOR SHALL REPAIR ANY EXCAVATIONS OR PAVEMENT FAILURES CAUSED BY HIS CONSTRUCTION.

PAVING NOTES

- 1. ALL PAVING WORK AND SUBGRADE PREPARATION/STABILIZATION SHALL CONFORM TO THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT, PREPARED BY [GSH GEOTECHNICAL

CONSULTANTS, INC., JULY 30, 2021. PROJ. NO. 2774-016-21]. IN CASE OF ANY CONFLICT WITH THESE PLANS, NOTIFY OWNER IMMEDIATELY.

UNLESS PROVIDED FOR IN THE PLANS, CONTRACTOR SHALL DEVELOP A CONCRETE PAVEMENT JOINTING PLAN USING THE PROPOSED PAVING PLAN AND SITE CONDITIONS. JOINT LAYOUT SHALL BE IN ACCORDANCE WITH ACI 330R "GUIDE FOR THE DESIGN AND CONSTRUCTION OF CONCRETE PARKING LOTS," AND STANDARD CONSTRUCTION PRACTICES. JOINT DETAILS SHALL BE IN ACCORDANCE WITH SALT LAKE CITY STANDARD DETAILS, LOCAL UDOT STANDARD DETAILS. CONTRACTOR SHALL PROVIDE A PAVEMENT JOINTING PLAN FOR OWNER APPROVAL.

ALL CONCRETE PAVEMENT AND CONSTRUCTION SHALL MEET SALT LAKE CITY, UDOT SPECIFICATIONS. CONCRETE PAVEMENT SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4000 PSI, TYPE III PORTLAND CEMENT (UNLESS OTHERWISE SPECIFIED IN THE GEOTECHNICAL REPORT FOR HIGHER SULFATE RESISTANCE), A SLUMP OF 4 INCHES +/- 1 INCH, AND AN AIR CONTENT OF 6% +/- 1%.

PAVEMENT MUST HAVE A SOLAR REFLECTANCE INDEX (SRI) OF 29 OR HIGHER.

ALL RADIUS DIMENSIONS SHOWN ON THE PAVING PLAN ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.

ALL PAVEMENT MARKINGS FOR PARKING STALLS SHALL BE 4" WIDE YELLOW MARKINGS, CONFORMING TO AASHTO M248 READY MIXED YELLOW TRAFFIC PAINT.

THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL ACCESSIBLE AREAS AND ROUTES ARE BUILT IN ACCORDANCE WITH THE PLANS AND THE "2010 ADA STANDARDS FOR ACCESSIBLE DESIGN". THE SITE MAY BE INSPECTED BY CITY PERSONNEL FOR COMPLIANCE WITH THE STANDARDS.

ADA ACCESSIBLE PARKING STALLS AND AISLES SHALL BE CONSTRUCTED WITH A MAXIMUM SLOPE OF 2.00% IN ANY DIRECTION. ADA ACCESSIBLE ROUTES SHALL BE CONSTRUCTED WITH A MAXIMUM CROSS SLOPE OF 2.00% AND A MAXIMUM LONGITUDINAL SLOPE OF 5.00%

(UNLESS RAMPS AND LANDINGS ARE PROVIDED PER ADA STANDARDS). CURB RAMPS SHALL HAVE A MAXIMUM LONGITUDINAL SLOPE OF 8.33% (12:1). ACCESSIBLE MANEUVERING AREAS AT DOORS SHALL BE CONSTRUCTED WITH A MAXIMUM 2.00% IN ANY DIRECTION. CONTRACTOR SHALL FIELD VERIFY ADA GRADES AND FORMWORK PRIOR TO PLACING ANY CONCRETE. OWNER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY SHOWN ON THE PLANS.

UTILITY NOTES

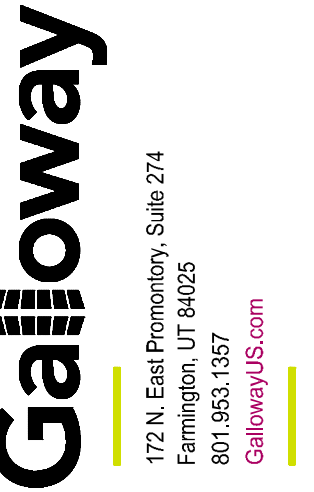
- 1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES AT PROPOSED POINTS OF CONNECTION AND CONFIRM EXACT LOCATIONS/SIZES OF ALL UTILITY SERVICE LINE HOOKUPS TO THE BUILDING (PER MEP PLANS) PRIOR TO UTILITIES CONSTRUCTION.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ARRANGING ONSITE MEETINGS WITH THE CITY, GOVERNING AGENCIES, AND UTILITY OWNERS PRIOR TO THE START OF ANY CONSTRUCTION OR INSTALLATION OF UTILITIES.
3. THE CONTRACTOR SHALL CONSTRUCT ALL WATER AND SANITARY SEWER SERVICE LINES AND CONNECTIONS IN ACCORDANCE WITH THE APPLICABLE STANDARDS AND SPECIFICATIONS OF THE CITY OR LOCAL UTILITY PROVIDER.
4. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING UTILITY SERVICE CONNECTIONS WITH THE APPROPRIATE UTILITY COMPANY/OWNER, AND TO OBTAIN ALL PERMITS AND PAY ALL FEES AS REQUIRED FOR SERVICE CONNECTIONS TO UTILITY MAINS.
5. UTILITY TRENCHES AND STRUCTURE EXCAVATIONS ARE TO BE SLOPED OR BRACED AND SHEETED AS NECESSARY FOR THE SAFETY OF THE WORKMEN AND THE PROTECTION OF OTHER UTILITIES IN COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REQUIREMENTS.
6. UNLESS OTHERWISE NOTED, CONTRACTOR SHALL PROVIDE TRENCHING FOR ALL UTILITY SERVICE LINES.
7. CONTRACTOR TO SET AND ADJUST ALL PROPOSED UTILITY STRUCTURES, CLEANOUTS, VALVES, METER PITS, ETC. TO FINISH GRADE. EXISTING ITEMS AFFECTED BY THE WORK SHALL BE ADJUSTED AS REQUIRED TO MATCH FINISH GRADE.
8. THE CONTRACTOR SHALL COORDINATE WATER MAIN WORK WITH THE FIRE DEPARTMENT TO ENSURE ADEQUATE FIRE PROTECTION IS CONSTANTLY AVAILABLE TO THE SITE AND ADJACENT PROPERTIES. CONTRACTOR WILL BE RESPONSIBLE FOR ARRANGING/PROVIDING ANY REQUIRED WATER MAIN SHUT OFFS WITH THE CITY DURING CONSTRUCTION. ANY COSTS ASSOCIATED WITH WATER MAIN SHUT OFFS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AT HIS EXPENSE.

STORM SEWER NOTES

- 1. STORM SEWER PIPE MATERIALS SHALL MEET THE KUM & GO STANDARD SPECIFICATIONS, UNLESS OTHERWISE SPECIFIED IN THE PLANS. THEY SHALL BE HDPE DOUBLE-WALL, SMOOTH INTERIOR PIPE (ADS N-12 OR APPROVED EQUAL) UNLESS OTHERWISE SPECIFIED IN THE PLANS. ALL JOINTS AND STRUCTURE CONNECTIONS SHALL BE SOIL-TIGHT (MINIMUM).
2. STORM SEWER PIPE SHALL BE BEDDED, INSTALLED, AND BACKFILLED IN ACCORDANCE WITH THE DETAILS INCLUDED IN THE PLANS, MANUFACTURER'S INSTALLATION REQUIREMENTS, AND/OR STANDARD DETAILS INCLUDED BY REFERENCE.
3. ALL CAST-IN-PLACE CONCRETE DRAINAGE STRUCTURES SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4,000 PSI, TYPE II CEMENT (UNLESS OTHERWISE SPECIFIED) WITH AIR ENTRAINING ADMIXTURES AND SHALL CONFORM TO THE LOCAL CITY'S SPECIFICATIONS.
4. SMALL DIAMETER STORM SEWER CONNECTIONS (12 INCH DIAMETER AND LESS) SHALL BE MADE WITH REDUCING WYES, 45 DEGREE BENDS, AND REDUCING COUPLERS, UNLESS OTHERWISE INDICATED. REFER TO PLAN AND DETAILS FOR SYSTEM LAYOUT.
5. ALL CAST-IN-PLACE AND PRE-FABRICATED DRAINAGE STRUCTURES WITHIN PAVED AREAS MUST BE INSTALLED TO MEET (AT A MINIMUM) AASHTO H-20/Hs-20 LOAD RATING. THE GENERAL CONTRACTOR SHALL CONSULT WITH THE MANUFACTURER OF ANY PRE-FABRICATED STRUCTURE TO CONFIRM INSTALLATION MEASURES REQUIRED TO ENSURE THE AFOREMENTIONED LOAD RATING IS ACHIEVED. FOR ALL PRE-FABRICATED NYLOPLAST® DRAIN BASINS, THE GENERAL CONTRACTOR SHALL POUR A CONCRETE COLLAR UNDER THE FRAME/GRATE/HOOD ASSEMBLY IN THE MINIMUM DIMENSIONS SPECIFIED ON THE MANUFACTURER'S STANDARD DETAIL DRAWINGS TO ACHIEVE H-20/Hs-20 LOAD RATING. THE GENERAL CONTRACTOR SHALL CONTACT OWNER FOR ADDITIONAL DIRECTION IF H-20/Hs-20 INSTALLATION GUIDELINES CANNOT BE OBTAINED FROM THE MANUFACTURER OF ANY PROPOSED PRE-FABRICATED STRUCTURE.

CAUTION - NOTICE TO CONTRACTOR

1. ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION. Call before you dig.
2. WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POT-HOLING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.



PRELIMINARY NOT FOR BIDDING NOT FOR CONSTRUCTION



1459 Grand Ave Des Moines, IA 50309 P: 888-458-6646

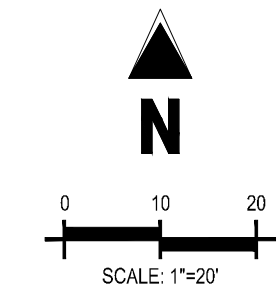
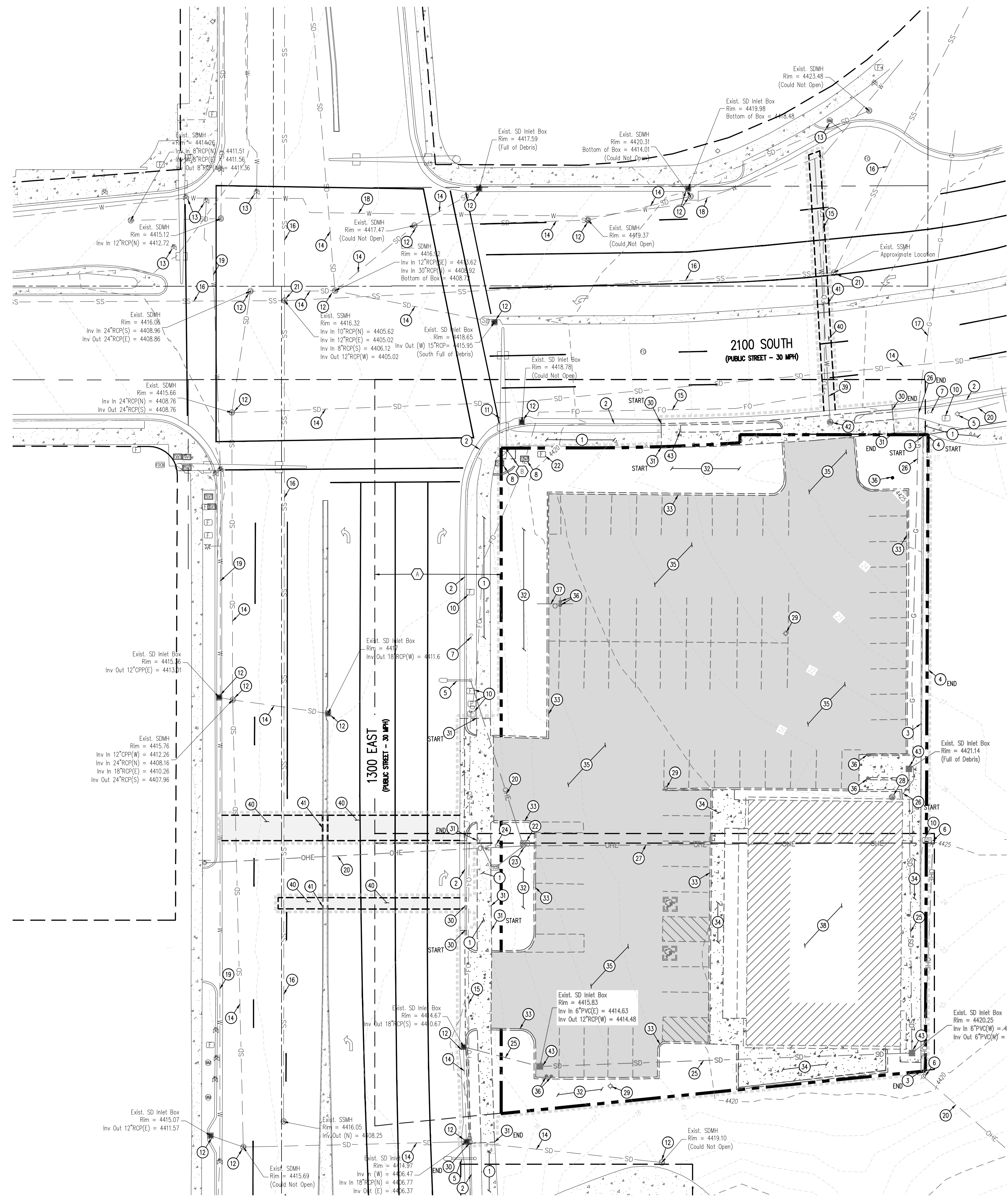
#2506 - SALT LAKE CITY, UTAH 2111 SOUTH 1300 EAST GENERAL NOTES

KG PROJECT TEAM: RDM: SCOTT BARCOCK SDM: RYAN HALDER CPM: SCOTT NEWBURY

Table with 2 columns: REVISION DESCRIPTION, REVISIONS. Includes a revision table with columns for DATE, REVISION DESCRIPTION, and REVISIONS.

DATE: 11.01.2022

SHEET NUMBER: C0.1 2 OF 26



FLAG NOTES

- 1 EXISTING CONCRETE SIDEWALK TO REMAIN.
- 2 EXISTING 30" CURB AND GUTTER TO REMAIN.
- 3 EXISTING CONCRETE RETAINING WALL TO REMAIN. CONTRACTOR TO PROTECT IN PLACE.
- 4 EXISTING CHAIN LINK FENCE TO REMAIN. CONTRACTOR TO PROTECT IN PLACE.
- 5 EXISTING LIGHT POLE TO REMAIN. CONTRACTOR TO PROTECT IN PLACE.
- 6 EXISTING UTILITY POLE TO REMAIN. CONTRACTOR TO PROTECT IN PLACE.
- 7 EXISTING GUY WIRES TO REMAIN. CONTRACTOR TO PROTECT IN PLACE.
- 8 EXISTING TELECOM VAULT TO REMAIN. CONTRACTOR TO PROTECT IN PLACE.
- 9 EXISTING ELECTRICAL VAULT TO REMAIN. CONTRACTOR TO PROTECT IN PLACE.
- 10 EXISTING FIBEROPTIC BOX TO REMAIN. CONTRACTOR TO PROTECT IN PLACE.
- 11 EXISTING TRAFFIC POLE & SIGNAL TO REMAIN. CONTRACTOR TO PROTECT IN PLACE.
- 12 EXISTING STORM DRAIN STRUCTURE TO REMAIN. CONTRACTOR TO PROTECT IN PLACE.
- 13 EXISTING WATER STRUCTURE TO REMAIN. CONTRACTOR TO PROTECT IN PLACE.
- 14 EXISTING STORM DRAIN LINE TO REMAIN.
- 15 EXISTING FIBEROPTIC LINE TO REMAIN.
- 16 EXISTING SANITARY SEWER LINE TO REMAIN.
- 17 EXISTING GAS LINE TO REMAIN.
- 18 EXISTING 6" C.I.P. WATER LINE TO REMAIN.
- 19 EXISTING 12" D.I.P. WATER LINE TO REMAIN.
- 20 EXISTING OVERHEAD ELECTRIC LINE TO REMAIN.
- 21 EXISTING SANITARY SEWER STRUCTURE TO REMAIN. CONTRACTOR TO PROTECT IN PLACE.
- 22 EXISTING FIBEROPTIC BOX TO BE REMOVED AND RELOCATED.
- 23 EXISTING POWER POLE TO BE RELOCATED. CONTRACTOR TO COORDINATE WITH ROCKY MOUNTAIN POWER.
- 24 EXISTING GUY WIRE TO BE REMOVED. CONTRACTOR TO COORDINATE WITH ROCKY MOUNTAIN POWER.
- 25 EXISTING STORM DRAIN LINE TO BE REMOVED.
- 26 EXISTING GAS LINE TO BE REMOVED.
- 27 EXISTING OVERHEAD ELECTRIC LINE TO BE REMOVED.
- 28 EXISTING GAS METER TO BE REMOVED.
- 29 EXISTING LIGHT POLE TO BE REMOVED.
- 30 EXISTING 30" CURB AND GUTTER TO BE REMOVED.
- 31 EXISTING CONCRETE SIDEWALK TO BE REMOVED.
- 32 CLEAR AND GRUB EXISTING LANDSCAPE.
- 33 EXISTING 24" CONCRETE CURB & GUTTER TO BE REMOVED.
- 34 EXISTING CONCRETE SIDEWALK AND THICKENED EDGE WALK TO BE REMOVED.
- 35 EXISTING ASPHALT PAVEMENT TO BE REMOVED.
- 36 EXISTING BOLLARD TO BE REMOVED.
- 37 EXISTING SIGN TO BE REMOVED.
- 38 EXISTING 4,722 S.F. BUILDING TO BE REMOVED.
- 39 EXISTING WATER LINE TO BE CAPPED AND BLOCKED AT THE MAIN.
- 40 EXISTING ASPHALT TO BE REMOVED AND REPLACED FOR UTILITY CUT.
- 41 EXISTING CONCRETE MEDIAN TO BE REMOVED AND REPLACED FOR UTILITY CUT.
- 42 EXISTING WATER METER TO BE REMOVED.
- 43 EXISTING BUS STOP SIGN TO BE REMOVED AND RELOCATED OUT OF PROPOSED DRIVE AISLE.
- 44 EXISTING STORM DRAIN STRUCTURE TO BE REMOVED.

EASEMENT SCHEDULE

- (A) EASEMENT IN FAVOR OF THE STATE ROAD COMMISSION OF UTAH FOR THE PURPOSE OF CONSTRUCTING CUT AND/OR FILL SLOPES MADE NECESSARY BY THE GRADING FOR SIDEWALKS AS SHOWN ON THIS CERTAIN WARRANTY DEED RECORDED MAY 2, 1963 AS ENTRY NO. 1916498 IN BOOK 2046 AT PAGE 121 OF OFFICIAL RECORDS.
- (B) EASEMENT IN FAVOR OF THE UTAH DEPARTMENT OF TRANSPORTATION FOR THE PURPOSE OF CONSTRUCTING AND MAINTAINING A SIGNAL POLE AND APPURTENANCES, RECORDED JANUARY 2, 1981 AS ENTRY NO. 3520184 IN BOOK 5197 AT PAGE 445 OF OFFICIAL RECORDS.

NOTE: CONTRACTOR MUST COORDINATE WORK WITH UTILITY COMPANY AND CITY PRIOR TO BEGINNING WORK AND IS RESPONSIBLE FOR ALL MATERIALS, LABOR, REPAIRS, ETC. TO COMPLETE WORK AND RESTORE AREA TO SAME STATE PRIOR TO STARTING WORK.

CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL INFORMATION FOR FINAL ACCEPTANCE OF WORK FOR ANY LOCAL, STATE OR FEDERAL, AGENCY, UTILITY DISTRICT OR ANY OTHER AGENCY OR DISTRICT HAVING APPROVAL AUTHORITY OVER WORK. THIS INFORMATION MAY INCLUDE, BUT IS NOT LIMITED TO, AS-BUILT PLANS, CERTIFICATIONS, INSPECTIONS AND REPORTS.

NOTE: CONTRACTOR SHALL PROTECT ALL EXISTING SURVEY MONUMENTATION. CONTRACTOR SHALL HAVE LICENSED SURVEYOR REPLACE ANY DAMAGED OR DISTURBED MONUMENTATION AT THEIR COST.

SURVEYOR TO OBTAIN AUTOCAD FILE FROM ENGINEER AND VERIFY ALL HORIZONTAL CONTROL DIMENSIONING PRIOR TO CONSTRUCTION STAKING. SURVEYOR MUST VERIFY ALL BENCHMARK, BASIS OF BEARING, AND DATUM INFORMATION TO ENSURE IMPROVEMENTS WILL BE AT THE SAME HORIZONTAL AND VERTICAL LOCATIONS SHOWN ON THE DESIGN CONSTRUCTION DRAWINGS. PRIOR TO CONSTRUCTION STAKING ANY DISCREPANCY MUST BE REPORTED TO OWNER AND ENGINEER PRIOR TO CONTINUATION OF ANY FURTHER STAKING OR CONSTRUCTION WORK.

SOIL PREPARATION & PAVEMENT DESIGN NOTE

SOIL PREPARATION AND PAVEMENT DESIGN SHALL BE PER RECOMMENDATIONS FROM A GEOTECHNICAL REPORT PREPARED FOR THIS SITE AS FOLLOWS: GEOTECHNICAL ENGINEERING EXPLORATION AND ANALYSIS: PROPOSED PUBLIC STORAGE FACILITY

GEOTECHNICAL ENGINEER: GSH GEOTECHNICAL CONSULTANTS, INC.

PROJECT NO: 2774-019-21 DATE: JANUARY 17, 2022

THE CONTRACTOR MUST FULLY REVIEW THIS REPORT PRIOR TO CONSTRUCTION. INFORMATION IN THE GEOTECHNICAL REPORT SUPERSEDES ANY CONFLICTING INFORMATION CONTAINED IN THE CONSTRUCTION PLANS AND SPECIFICATIONS. REFER TO GENERAL STRUCTURAL NOTES FOR SPECIFIC SOIL PREPARATION AT SITE STRUCTURES.

DEMOLITION LEGEND

- DEMOLITION LIMIT LINE
- 18 ----- EXISTING MAJOR CONTOUR
- 18 ----- EXISTING MINOR CONTOUR
- PROPERTY BOUNDARY LINE
- ADJACENT PROPERTY BOUNDARY LINE
- X ----- EXISTING FENCE
- EXISTING TO REMAIN
- EXISTING TO BE REMOVED
- SAWCUT LINE
- EXISTING CURB AND GUTTER
- EXISTING BOLLARD
- ▽ EXISTING SIGN
- EXISTING ASPHALT TO REMAIN
- ▨ EXISTING ASPHALT TO BE REMOVED
- ▨ EXISTING SIDEWALK TO REMAIN
- ▨ EXISTING SIDEWALK TO BE REMOVED
- W EXISTING WATER
- SD EXISTING STORM DRAIN
- SS EXISTING SANITARY SEWER
- G EXISTING GAS
- UT EXISTING TELEPHONE
- OHE EXISTING OVERHEAD POWER
- FO EXISTING FIBER OPTIC LINE
- EXISTING ELECTRICAL SWITCH BOX
- EM EXISTING ELECTRICAL METER
- E EXISTING ELECTRICAL MANHOLE
- TR EXISTING ELECTRICAL TRANSFORMER
- E EXISTING ELECTRICAL BOX
- F EXISTING FIBER OPTICS BOX
- TL EXISTING TELEPHONE
- EXISTING POWER POLE
- EXISTING LIGHT POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER VALVE
- EXISTING IRRIGATION VALVE
- EXISTING WATER METER
- EXISTING STORM DRAIN MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING STORM DRAIN BOX
- EXISTING GAS METER

BENCHMARK

BENCHMARK: STREET MONUMENT AT 2100 SOUTH AND DOUGLAS AVENUE. NAVD88 ELEVATION = 4401.32'

BASIS OF BEARING

ALL BEARINGS ARE GRID BEARINGS OF THE UTAH STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, NORTH AMERICAN DATUM 1983. THE MONUMENTED CENTERLINE OF 2100 SOUTH STREET BEARS S 89°57'41" E MONUMENTED AS SHOWN HEREON.

LEGAL DESCRIPTION

A PART OF BLOCK 46, 10-ACRE PLAT "A", BIG FIELD SURVEY, SALT LAKE CITY, UTAH, FURTHER DESCRIBED AS FOLLOWS:

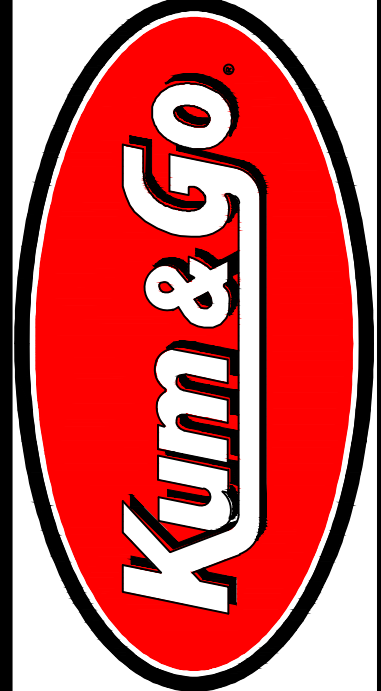
BEGINNING AT A POINT ON THE EAST RIGHT OF WAY LINE OF 1300 EAST STREET WHICH IS 66.00 FEET EAST AND 264.00 FEET SOUTH AND 45.05 FEET NORTH 84°15'00" EAST FROM THE NORTHEAST CORNER OF LOT 10 OF SAID BLOCK 46; RUNNING THENCE NORTH 0°07'00" WEST 235.41 FEET ALONG SAID EAST RIGHT OF WAY TO THE SOUTH RIGHT OF WAY LINE OF 2100 SOUTH STREET; THENCE ALONG SAID SOUTH RIGHT OF WAY LINE (4) FOUR COURSES AS FOLLOWS: NORTH 89°51'00" EAST 33.31 FEET TO A POINT OF CURVATURE, EASTERLY ALONG THE ARC OF A 766.20 FOOT RADIUS CURVE TO THE LEFT A DISTANCE OF 51.16 FEET (CENTRAL ANGLE EQUALS 3°49'33" AND LONG CHORD BEARS NORTH 87°56'14" EAST 51.15 FEET, NORTH 2.84 FEET AND EAST 66.58 FEET TO A POINT ON THE EAST SECTION LINE OF SECTION 20, TOWNSHIP 1 SOUTH, RANGE 1 EAST, SLB8M; THENCE SOUTH 01°34'44" WEST 225.07 FEET ALONG SAID SECTION LINE; THENCE SOUTH 84°15'00" WEST 150.80 FEET TO THE POINT OF BEGINNING. CONTAINS: 34,648 SQ. FT. OR 0.795 ACRES.

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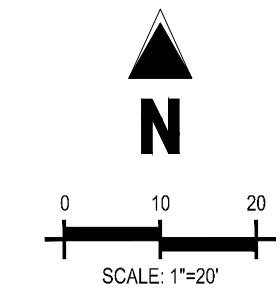
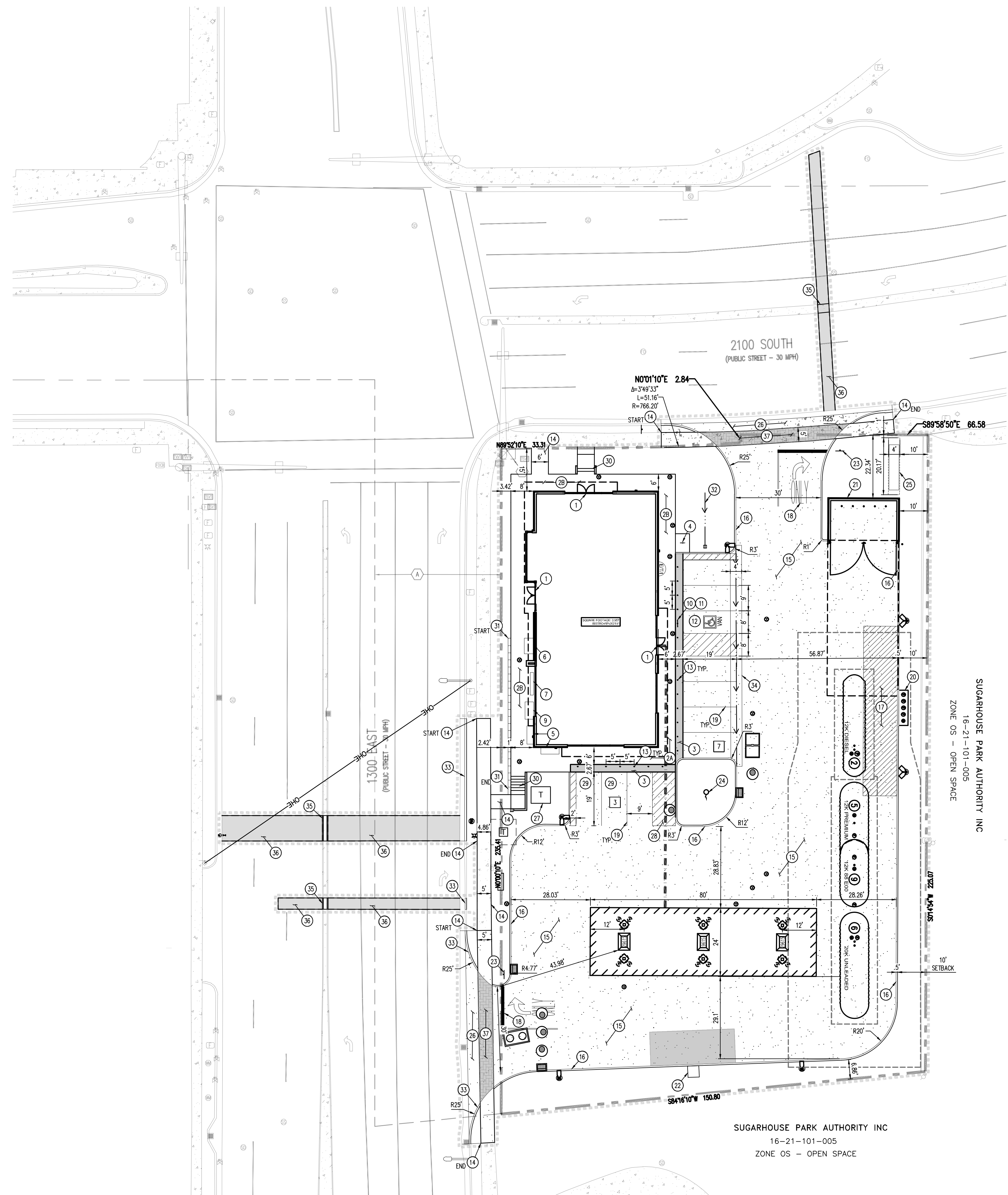
1459 Grand Ave
Des Moines, IA 50309
P: 888-458-6646

#2506 - SALT LAKE CITY, UTAH
2111 SOUTH 1300 EAST
DEMOLITION PLAN

KG PROJECT TEAM:
ROM: SCOTT BARCOCK
SDM: RYAN HALDER
CPM: SCOTT NEWBURY

REVISION DESCRIPTION	DATE

DATE: 11.01.2022
SHEET NUMBER: C0.2
3 OF 26



FLAG NOTES

- 1 PROPOSED BUILDING ENTRY, REFER TO ARCHITECTURAL PLANS
- 2A PROPOSED BUILDING CONCRETE SIDEWALK, 1.5% MAX. CROSS SLOPE.
- 2B PROPOSED BUILDING CONCRETE SIDEWALK ADJACENT TO LANDSCAPE, 1.5% MAX. CROSS SLOPE.
- 3 PROPOSED INTEGRAL-COLORED CONCRETE - 6" MINIMUM PAVEMENT THICKNESS.
- 4 PROPOSED BOLLARD BIKE RACK ON 5.0' X 6.5' X 4" THICK CONCRETE PAD.
- 5 PROPOSED PROPANE CAGE (9' X 9', 4" CONCRETE PAD, 1.5% SLOPE AWAY FROM SIDE WALL OF BUILDING).
- 6 PROPOSED FIREWOOD LOCATION.
- 7 PROPOSED MISCELLANEOUS MERCHANDISE LOCATION.
- 8 NOT USED.
- 9 PROPOSED ICE MERCHANDISE LOCATION.
- 10 PROPOSED BOLLARD MOUNTED ADA VAN PARKING SIGN.
- 11 PROPOSED BOLLARD MOUNTED ADA PARKING SIGN.
- 12 PROPOSED ACCESSIBLE PARKING SPACE.
- 13 PROPOSED 4" DIAMETER BOLLARDS.
- 14 PROPOSED 4" CONCRETE SITE SIDEWALK, 1.5% MAX. CROSS SLOPE.
- 15 PROPOSED STANDARD DUTY CONCRETE PAVEMENT.
- 16 PROPOSED INTEGRAL CONCRETE CURB.
- 17 PROPOSED 12'X60' LOADING ZONE, 45' CROSS HATCH, 2" O.C. STRIPING.
- 18 PROPOSED DRIVEWAY ENTRANCE MARKINGS.
- 19 PROPOSED 4" WIDE YELLOW PAVEMENT MARKINGS, TYP.
- 20 PROPOSED UNDERGROUND FUEL STORAGE TANKS WITH CONCRETE PAD, PAINT CURB IN FRONT OF TANKS AND CONCRETE PAD YELLOW. ALL LIDS SHALL BE 1" ABOVE FINISHED GRADE.
- 21 PROPOSED 14'-8" X 24'-8" TRASH ENCLOSURE WITH NICHHA (REF. ARCHITECTURAL PLANS)
- 22 PROPOSED AIR MACHINE LOCATION, 4'x4' CONCRETE PAD, KEEP AT LEAST #20' AWAY FROM DISPENSERS AND TANK FILL PORTS.
- 23 PROPOSED STOP SIGN AT PUBLIC RIGHT OF WAY.
- 24 PROPOSED 40' FLAGPOLE, MAINTAIN #24' CLEAR SPACE ABOVE GRADE.
- 25 PROPOSED 6' MONUMENT SIGN.
- 26 PROPOSED RADIUS DRIVE APPROACH PER APWA STANDARD PLAN 225.
- 27 PROPOSED PAD-MOUNTED TRANSFORMER.
- 28 PROPOSED ADA STRIPING, 45' CROSS HATCH, 2" O.C. STRIPING.
- 29 PROPOSED DESIGNATED FUTURE EV STALLS.
- 30 PROPOSED CONCRETE STAIRS WITH HANDRAILS.
- 31 PROPOSED SEGMENTAL RETAINING WALL.
- 32 PROPOSED LANDSCAPED SWALE.
- 33 PROPOSED 30" CURB & GUTTER.
- 34 PROPOSED 4" CONCRETE WATER WAY.
- 35 REPAIR AND REPLACE EXISTING CONCRETE MEDIAN BARRIER.
- 36 PROPOSED ASPHALT PATCH, ASPHALT RESTORATION TO BE COMPLETED PER APWA STANDARD PLAN 225.
- 37 PROPOSED STAMPED INTEGRAL-COLORED CONCRETE, 6" MINIMUM PAVEMENT THICKNESS.

SITE LEGEND

- CONSTRUCTION LIMIT LINE
- EXISTING BOUNDARY LINE
- PROPOSED PROPERTY BOUNDARY LINE
- ADJACENT PROPERTY BOUNDARY LINE
- RIGHT OF WAY BOUNDARY LINE
- CENTER LINE OF ROAD
- EXISTING EASEMENT LINE
- ADA PATH
- EXISTING / PROPOSED LIGHT POLE
- EXISTING / PROPOSED BOLLARD
- EXISTING / PROPOSED SIGN
- PROPOSED STALL COUNT
- PROPOSED CURB AND GUTTER
- EXISTING CURB AND GUTTER
- PROPOSED CONCRETE PAVEMENT
- EXISTING CONCRETE SIDEWALK
- PROPOSED SITE CONCRETE PAVEMENT
- PROPOSED ASPHALT PAVEMENT

EASEMENT SCHEDULE

- A EASEMENT IN FAVOR OF THE STATE ROAD COMMISSION OF UTAH FOR THE PURPOSE OF CONSTRUCTING CUT AND/OR FILL SLOPES MADE NECESSARY BY THE GRADING FOR SIDEWALKS AS RESERVED IN THAT CERTAIN WARRANTY DEED RECORDED MAY 2, 1963 AS ENTRY NO. 191648 IN BOOK 2046 AT PAGE 121 OF OFFICIAL RECORDS.
- B EASEMENT IN FAVOR OF THE UTAH DEPARTMENT OF TRANSPORTATION FOR THE PURPOSE OF CONSTRUCTING AND MAINTAINING A SIGNAL POLE AND APPURTENANCES, RECORDED JANUARY 2, 1981 AS ENTRY NO. 3520184 IN BOOK 5197 AT PAGE 445 OF OFFICIAL RECORDS.

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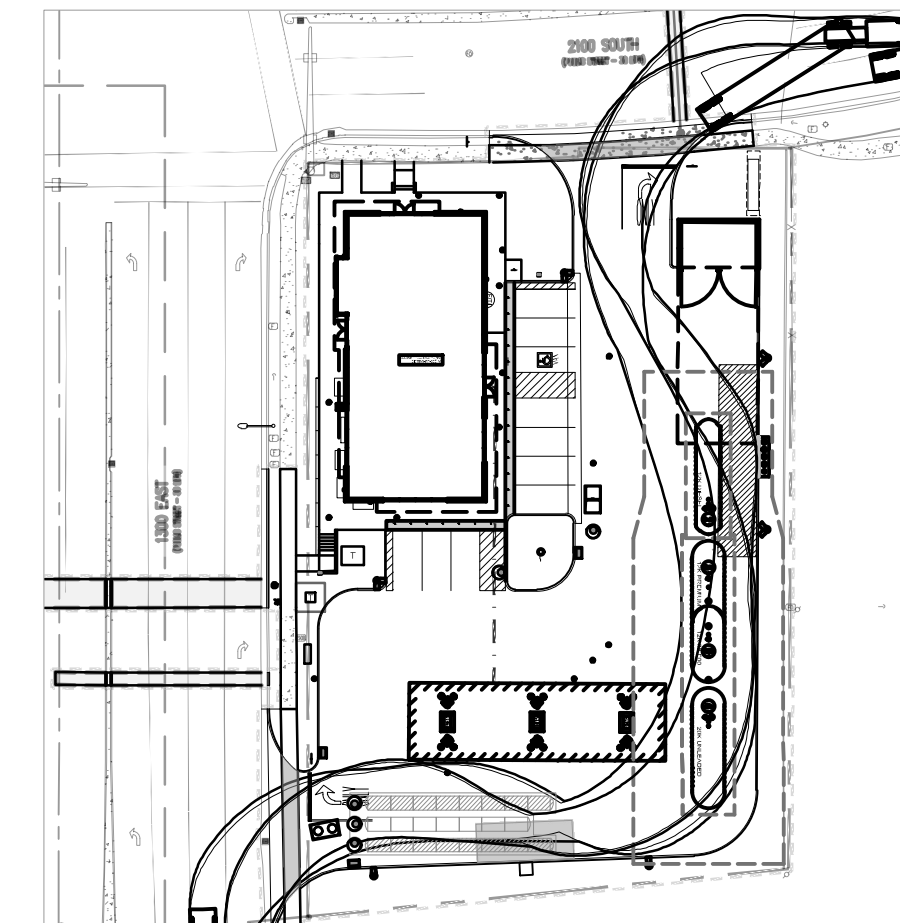
SOIL PREPARATION & PAVEMENT DESIGN NOTE

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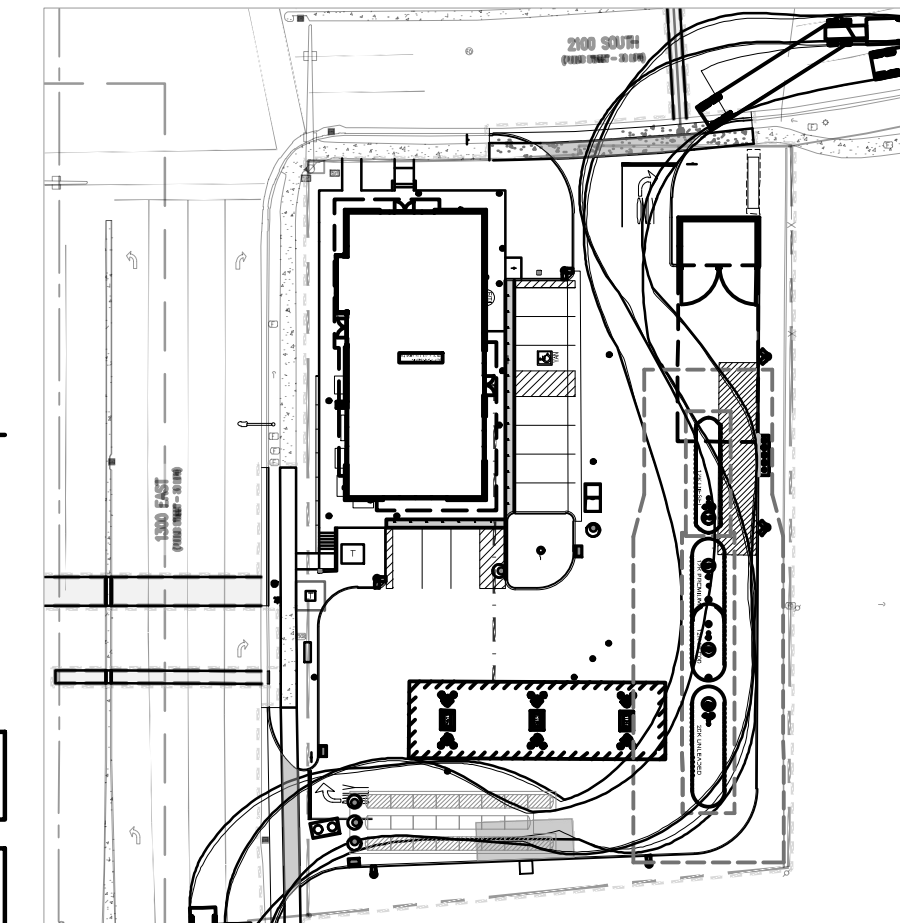
GEOTECHNICAL ENGINEER: GSH GEOTECHNICAL CONSULTANTS, INC.

PROJECT NO: 2774-019-21 DATE: JANUARY 17, 2022

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TRUCK TEMPLATE EXHIBIT:WB-50
SCALE 1" = 60'



TRUCK TEMPLATE EXHIBIT:WB-67
SCALE 1" = 60'

BENCHMARK
BENCHMARK: STREET MONUMENT AT 2100 SOUTH AND DOUGLAS AVENUE. NAVD88 ELEVATION = 4401.32'

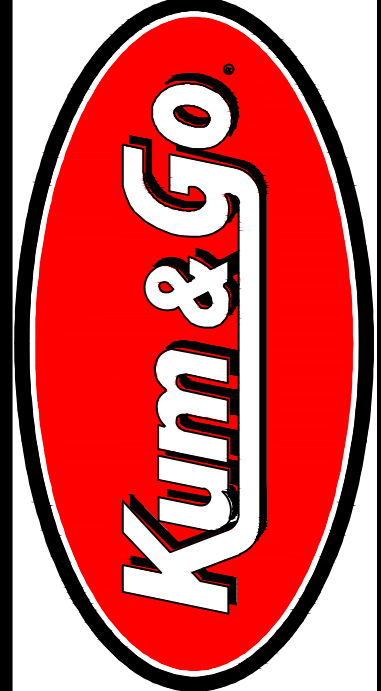
BASIS OF BEARING
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Galloway
172 N. East Promontory, Suite 274
Farmington, UT 84025
801.953.1357
GallowayUS.com

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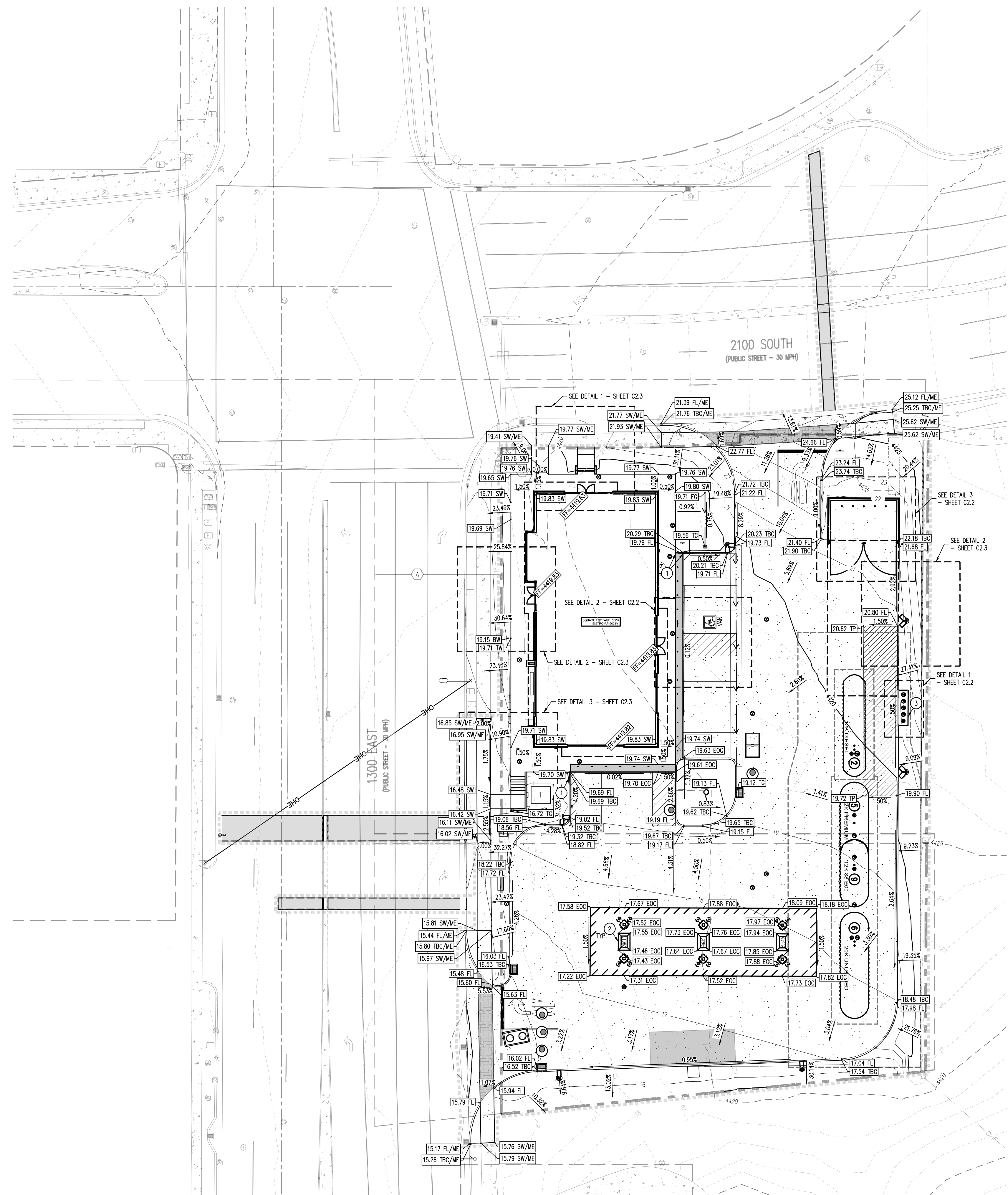
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4 OF 26



GRADING LEGEND

- 4420--- EXISTING MAJOR CONTOUR
- 4421--- EXISTING MINOR CONTOUR
- 4420--- PROPOSED MAJOR CONTOUR
- 21--- PROPOSED MINOR CONTOUR
- PROPOSED GRADE BREAK
- PROPOSED SWALE FLOW LINE
- 15.00 PROPOSED SPOT ELEVATION
- BR BOTTOM OF RAMP
- TR TOP OF RAMP
- FF FINISHED FLOOR
- FG FINISHED GRADE
- FL FLOWLINE
- GB GRADE BREAK
- ME MATCH EXISTING
- TBC TOP BACK OF CURB
- EOC EDGE OF CONCRETE
- TG TOP OF GRATE
- RM RM
- 1.50% EXISTING SLOPE ARROW
- 1.50% PROPOSED SLOPE ARROW

FLAG NOTES

- 1 PROPOSED 3' TRANSITION TO ZERO FACE CURB
- 2 ALL CONCRETE FUELING ISLANDS SHALL BE 2" ABOVE FINISH GRADE.
- 3 ALL FUEL FILL LIDS SHALL BE 1" ABOVE FINISH GRADE.

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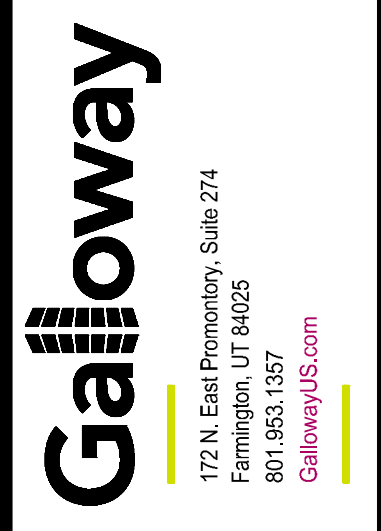
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PROJECT NO: 2774-019-21 DATE: JANUARY 17, 2022

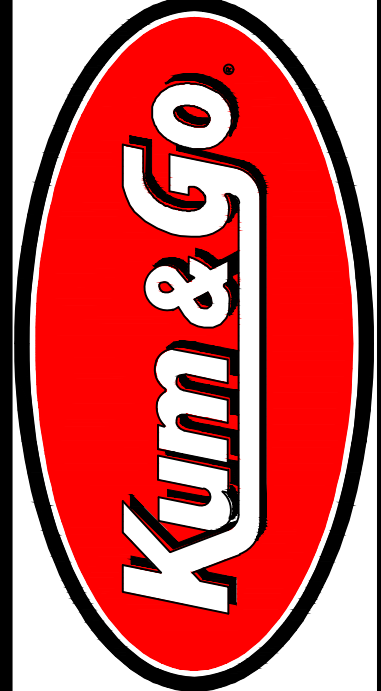
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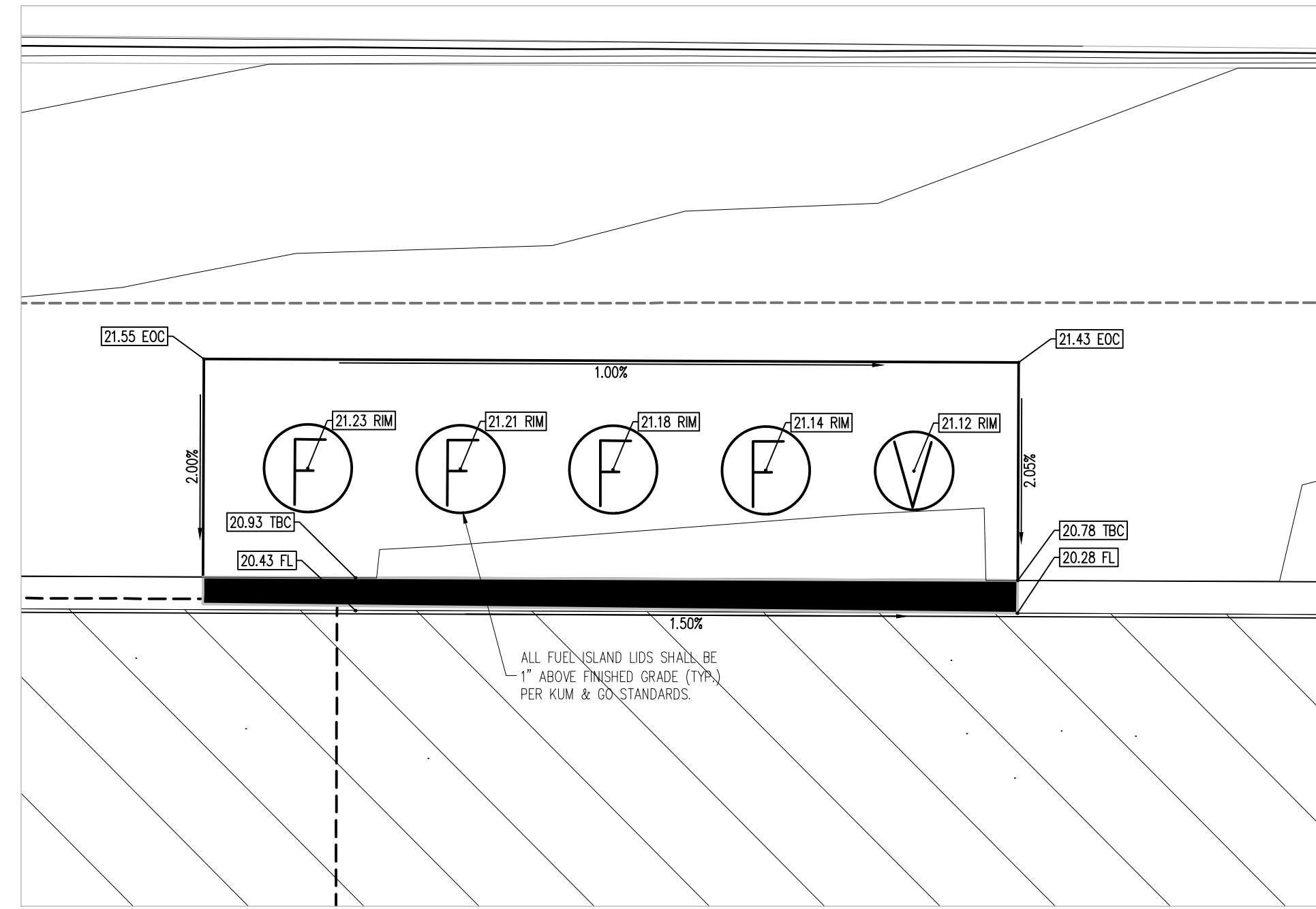
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#2506 - SALT LAKE CITY, UTAH
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GRADING PLAN

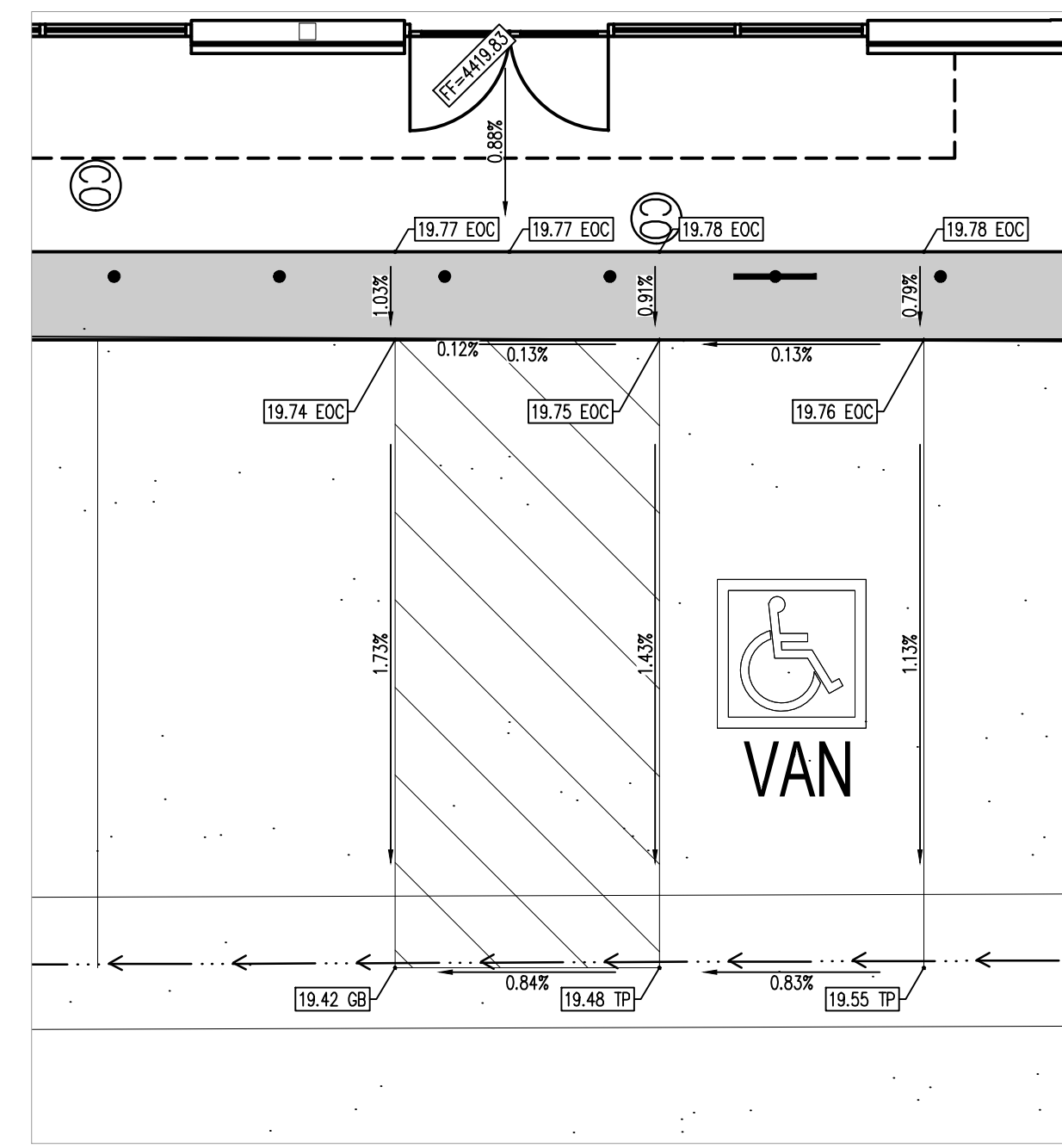
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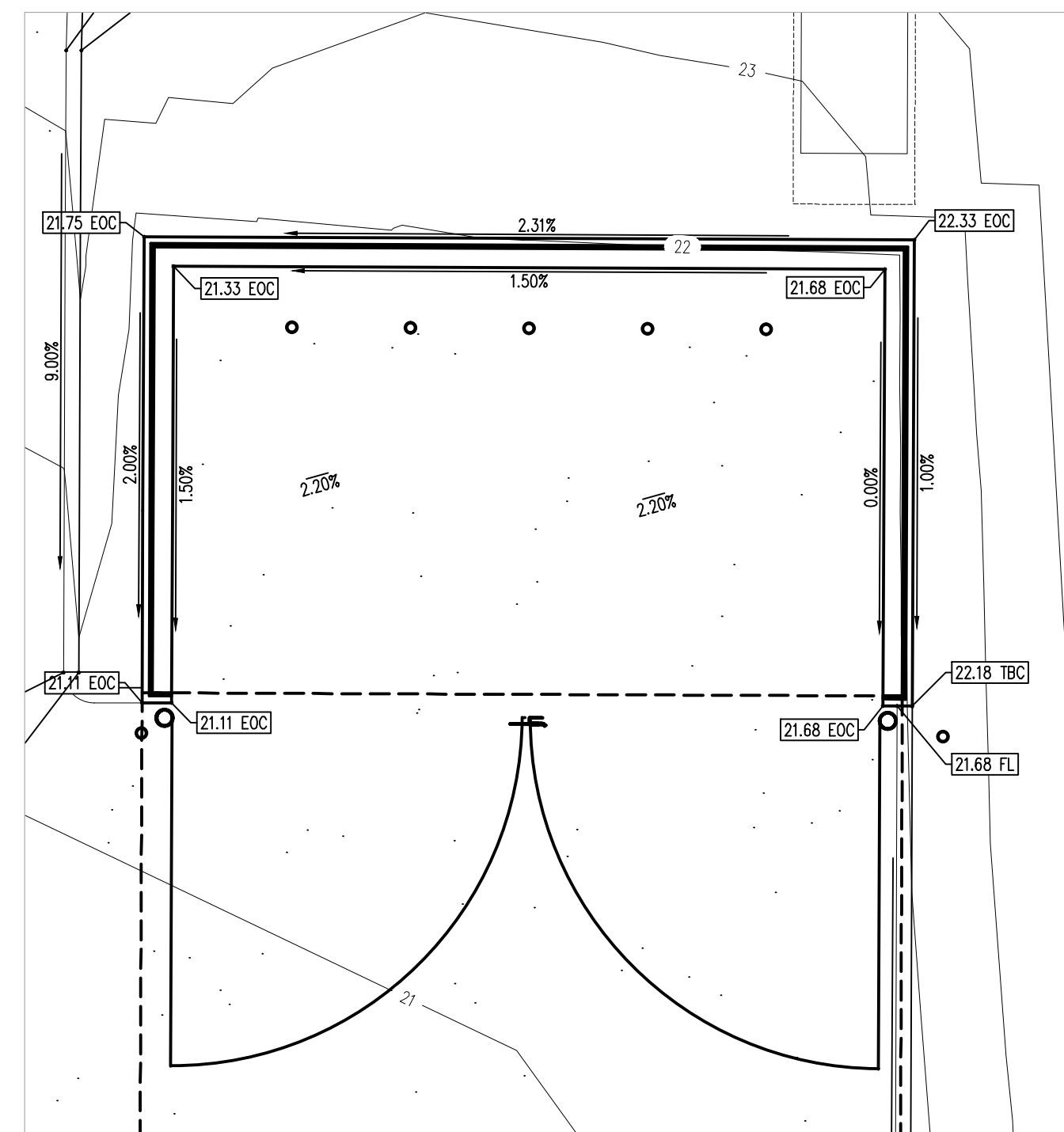
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5 OF 26



DETAIL 1
1"=2'



DETAIL 2
1"=5'



DETAIL 3
1"=5'

GRADING LEGEND

---	4420	EXISTING MAJOR CONTOUR
---	4421	EXISTING MINOR CONTOUR
---	4420	PROPOSED MAJOR CONTOUR
---	21	PROPOSED MINOR CONTOUR
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---	ME	MATCH EXISTING
---	TBC	TOP BACK OF CURB
---	EOC	EDGE OF CONCRETE
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---	RM	RM
---	1.50%	EXISTING SLOPE ARROW
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GEOTECHNICAL ENGINEER: GSH GEOTECHNICAL CONSULTANTS, INC.

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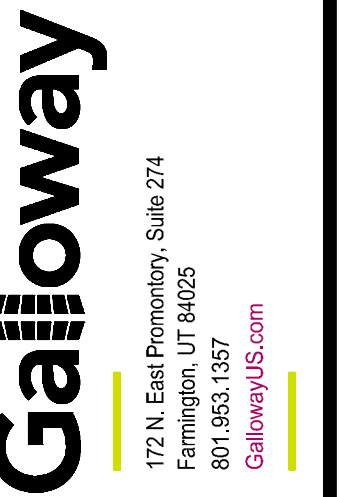
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DETAILED GRADING PLAN

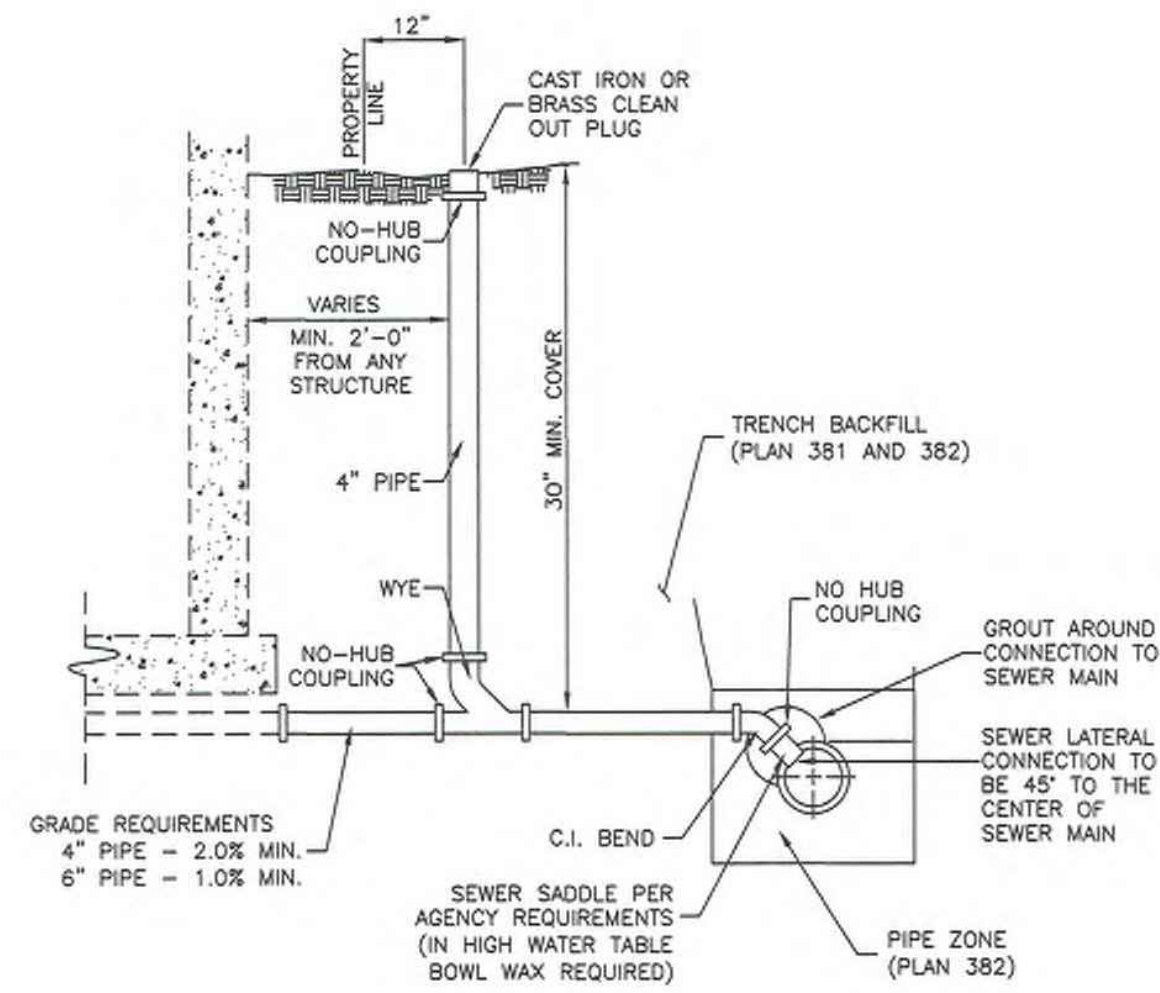
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SDM: RYAN HALDER
CPM: SCOTT NEWBURY

REVISION DESCRIPTION	DATE	REVISIONS

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SHEET NUMBER: C2.2
6 OF 26

Sewer lateral connection

- GENERAL**
 - Before installation, secure acceptance by ENGINEER for all pipe, fittings, and couplings to be used.
 - Before backfilling, secure inspection by ENGINEER. Give at least 24 hours notice.
 - Verify if CONTRACTOR or agency is to install the wye.
- PRODUCTS**
 - Base Course: Untreated base course, APWA Section 32 11 23. Do not use gravel as a base course without ENGINEER's permission.
 - Backfill: Common fill, APWA Section 31 05 13. Maximum particle size 2-inches.
 - Provide agency approved wye or tee with appropriate donut.
 - Stainless steel straps required.
- EXECUTION**
 - Tape wrap pipe as required by soil conditions.
 - Remove core plug from sewer main. Do not break into sewer main to make connection.
 - Base Course and Backfill Placement: Maximum lift thickness is 8-inches before compaction. Compaction is 95 percent or greater relative to a standard proctor density, APWA Section 31 23 26.

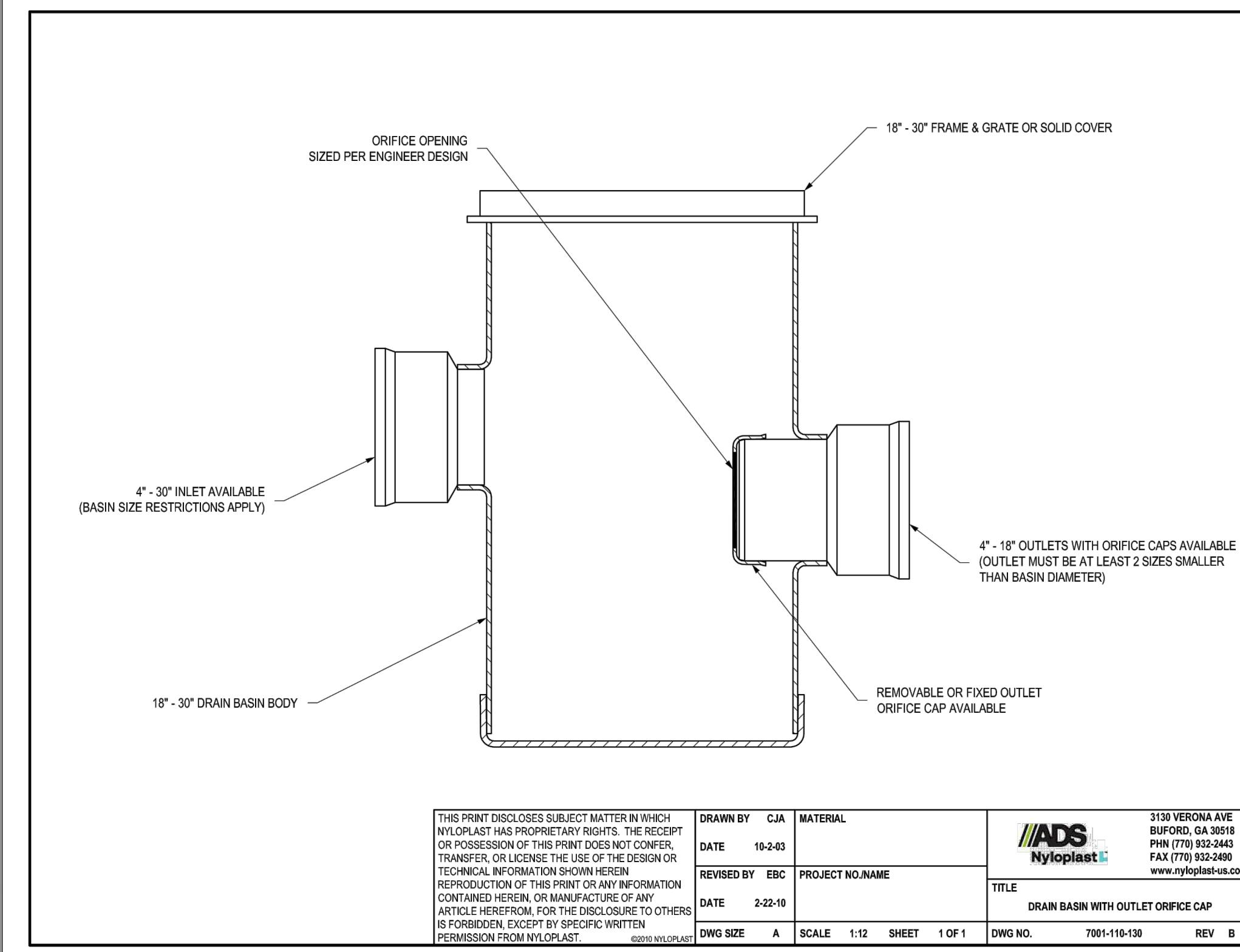


Sewer lateral connection

Plan
431
January 2011

431

1 APWA SEWER LATERAL CONNECTION



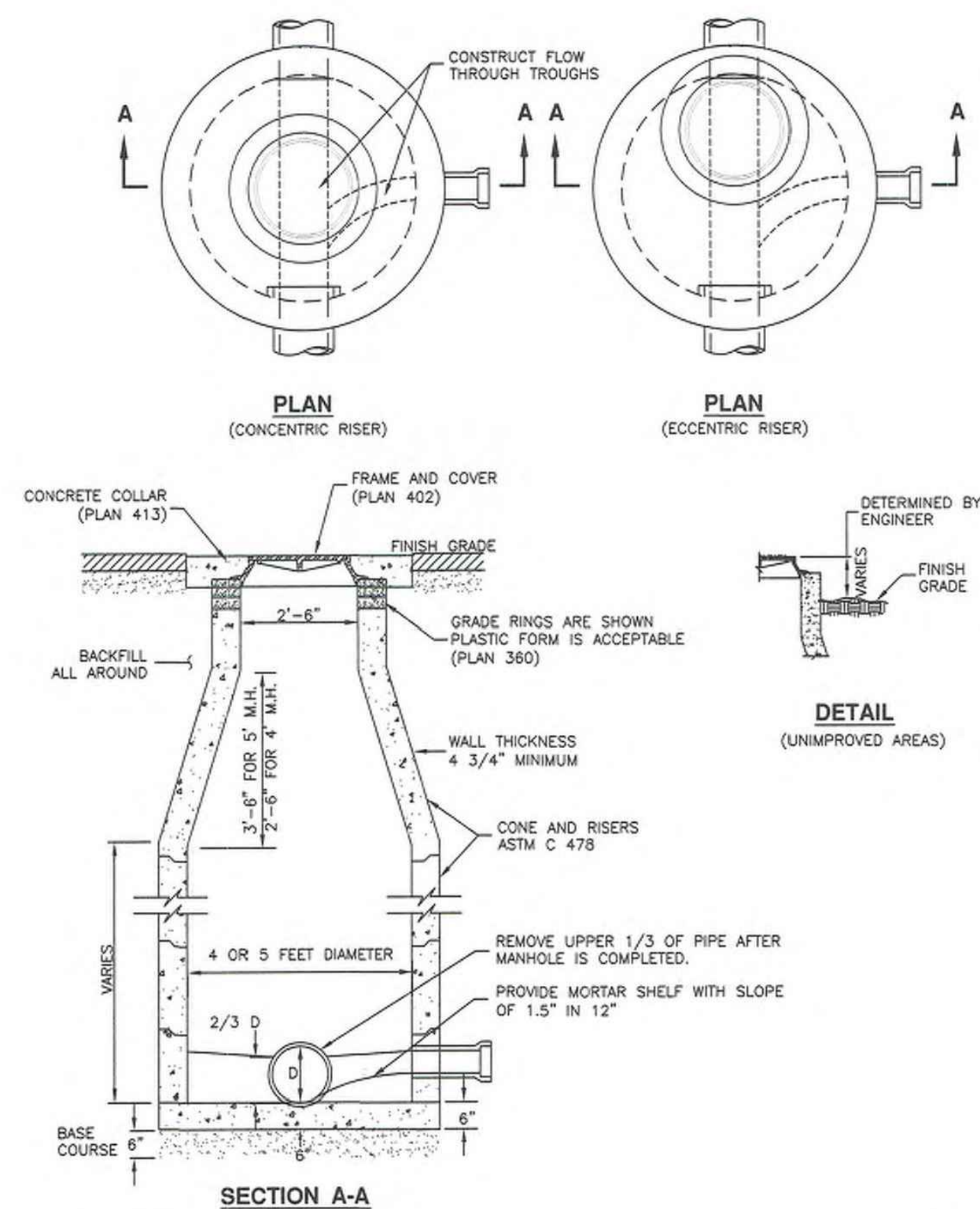
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TITLE: DRAIN BASIN WITH OUTLET ORIFICE CAP DWG NO.: 7001-110-130 REV: B			IADS Nyloplast 3130 VERONA AVE BURFORD, IA 50518 PHN (770) 932-2443 FAX (770) 932-2499 www.nyloplast.com	

2 DRAIN BASIN WITH ORIFICE PLATE

NOT TO SCALE

Sanitary sewer manhole

- GENERAL**
 - The drawing shows typical pipe connections. Refer to construction drawings for connection locations or refer to field location of existing piping when engineering pipe connection to the manhole.
 - Manhole size:
 - Diameter is 4 feet: For sewers under 12" diameter.
 - Diameter is 5 feet: For sewers 12" and larger, or when 3 or more pipes intersect the manhole.
- PRODUCTS**
 - Base Course: Untreated base course, APWA Section 32 11 23. Do not use gravel as a base course without ENGINEER's permission.
 - Backfill: Common fill, APWA Section 31 05 13. Maximum particle size 2-inches.
 - Concrete: Class 4000, APWA Section 03 30 04.
 - Riser and Reducing Riser: ASTM C478.
 - Reinforcement: Deformed, 60 ksi yield grade steel, ASTM A615.
 - Grout: 2 parts sand to 1 part cement mortar, ASTM C1329.
 - Stabilization-Separation Geotextile: Moderate or high at CONTRACTOR's choice, APWA Section 31 05 19.
- EXECUTION**
 - Foundation Stabilization: Get ENGINEER's permission to use a sewer rock or a granular backfill borrow in a geotextile wrap to stabilize an unstable foundation.
 - Base Course Placement: APWA Section 32 11 23. Maximum lift thickness is 8-inches before compaction. Compaction is 95 percent or greater relative to a modified proctor density, APWA Section 31 23 26.
 - Invert Cover. During construction, place invert covers over the top of pipe in manholes that currently convey sewerage. See Plan 412.
 - Pipe Connections: Grout around all pipe openings.
 - Pipe Seal: Install rubber-based pipe seals on all plastic pipes when connecting plastic pipes to manholes. Hold water-stop in place with stainless steel bands.
 - Joints: Place flexible gasket-type sealant in all riser joints. Finish with grout.
 - Adjustment: If the required manhole adjustment is more than 1'-0", remove the cone and grade rings and adjust the manhole elevation with the appropriate manhole section, the cone section, and the grade rings or plastic form to make frame and lid match finish grade.
 - Finish: Provide smooth and neat finishes on interior of cones, shafts, and rings. Imperfect moldings or honeycombs will not be accepted.
 - Backfill: Provide backfill against the manhole shaft. Pea gravel and recycled RAP aggregate is NOT ALLOWED. Water jetting is NOT allowed. Maximum lift thickness is 8-inches before compaction. Compaction is 95 percent or greater relative to a standard proctor density, APWA Section 31 23 26.

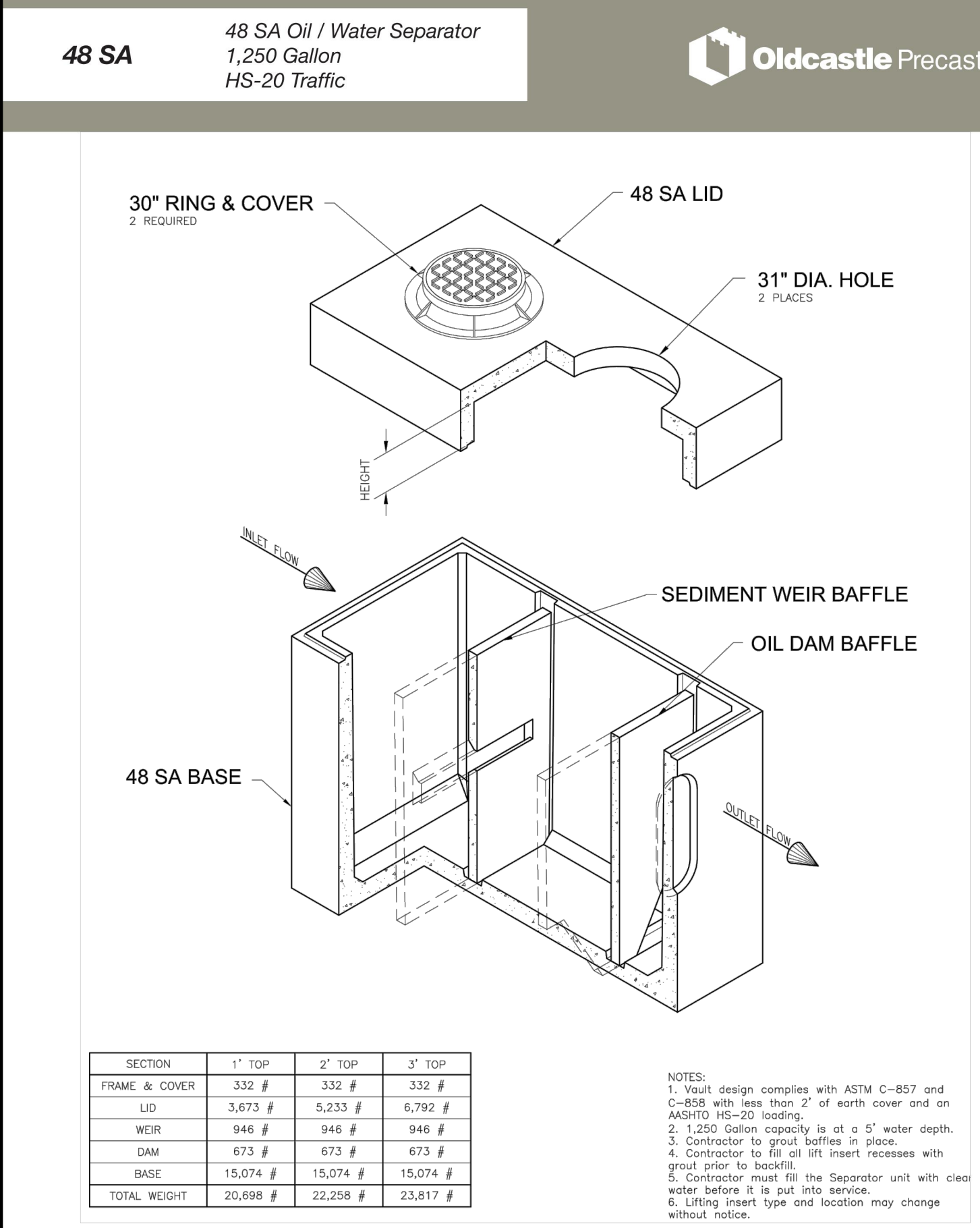


Sanitary sewer manhole

Plan
411
April 2011

411

3 APWA SANITARY SEWER MANHOLE

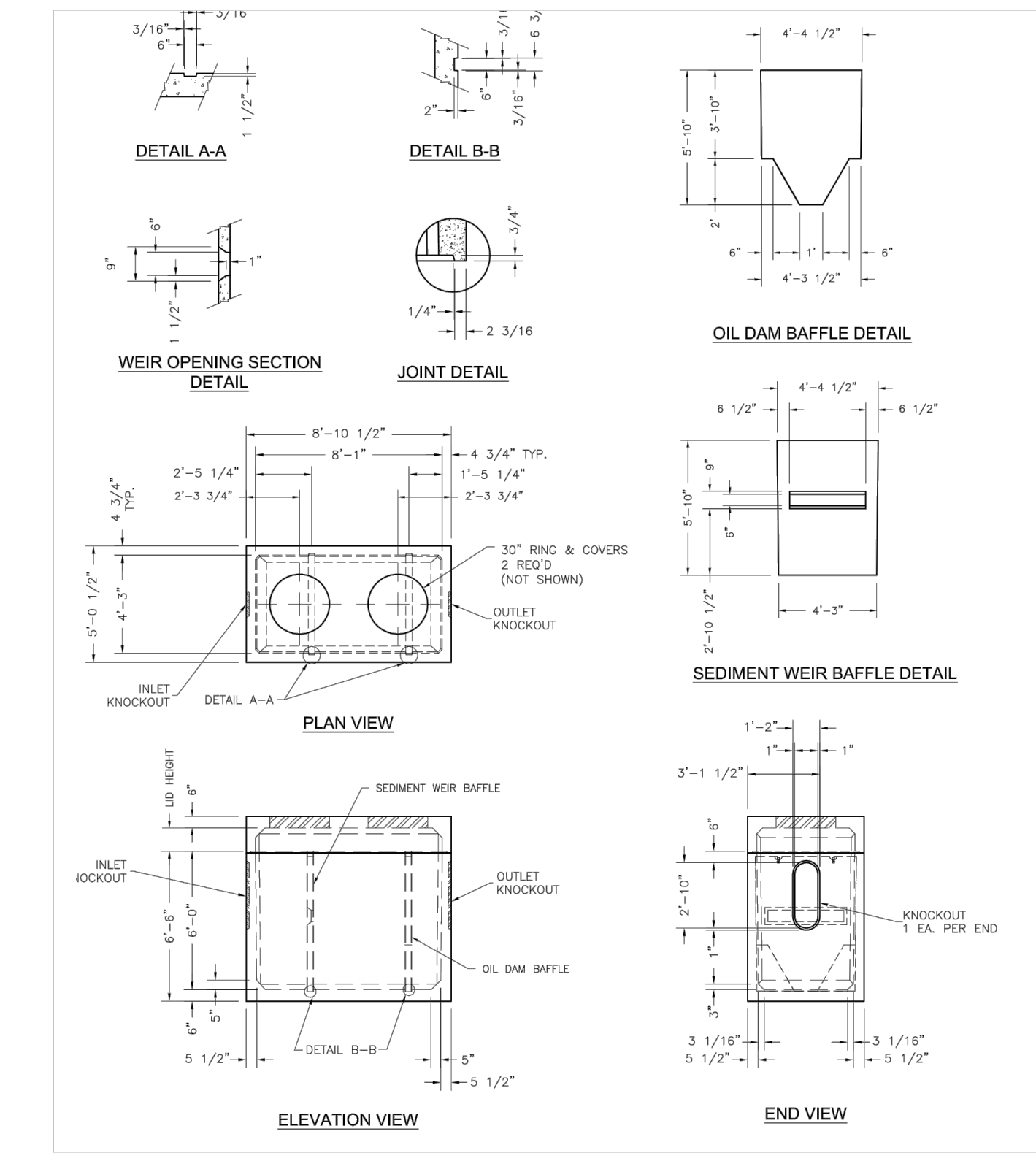


SECTION	1\"/>		
FRAME & COVER	332 #	332 #	332 #
LID	3,673 #	5,233 #	6,792 #
WEIR	946 #	946 #	946 #
DAM	673 #	673 #	673 #
BASE	15,074 #	15,074 #	15,074 #
TOTAL WEIGHT	20,698 #	22,258 #	23,817 #

NOTES:
1. Vault design complies with ASTM C-857 and C-858 with less than 2' of earth cover and on AASHTO HS-20 loading.
2. 1,250 Gallon capacity is at a 5' water depth.
3. Contractor to grout baffles in place.
4. Contractor to fill all lift recesses with grout prior to backfill.
5. Contractor must fill the Separator unit with clean water before it is put into service.
6. Lifting insert type and location may change without notice.

4 1250 GALLON OIL WATER SEPARATOR

NOT TO SCALE



Oldcastle Precast
801 West 12th Street
Ogden, Utah 84404

Phone: (801) 399-1171
Fax: (801) 392-7849

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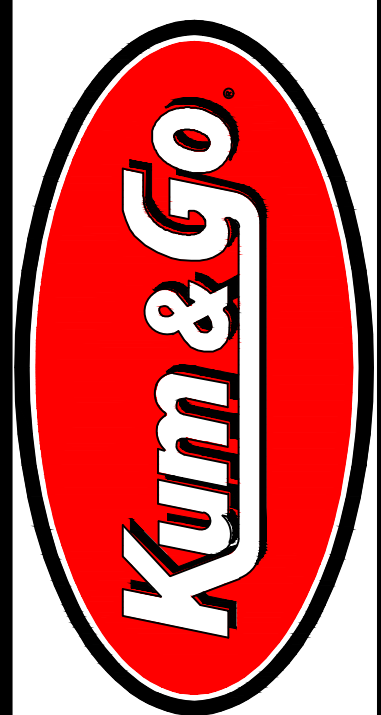
KG PROJECT TEAM:
RDM: SCOTT BARCOCK
SDM: RYAN HALDER
CPM: SCOTT NEWBURY

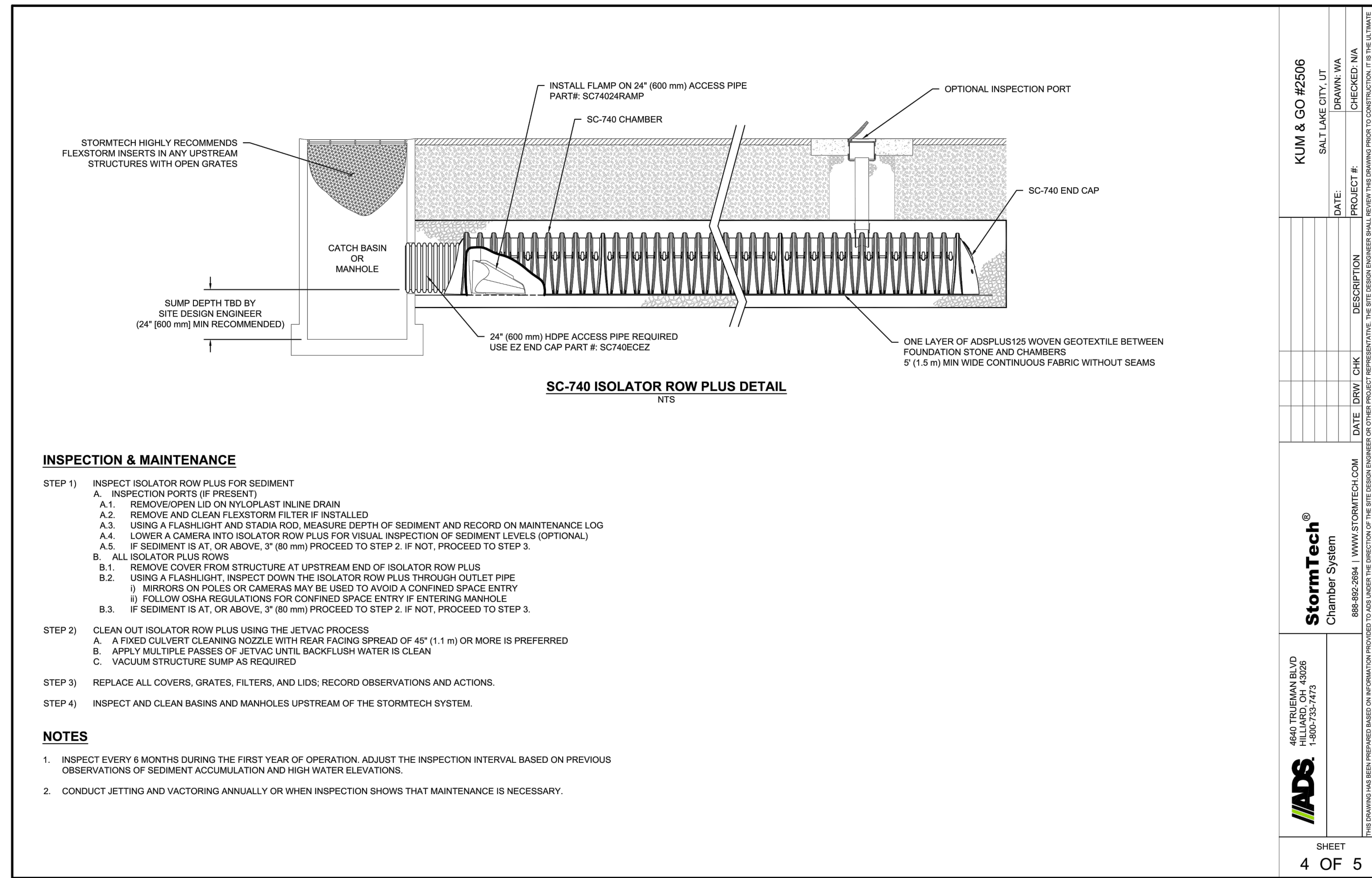
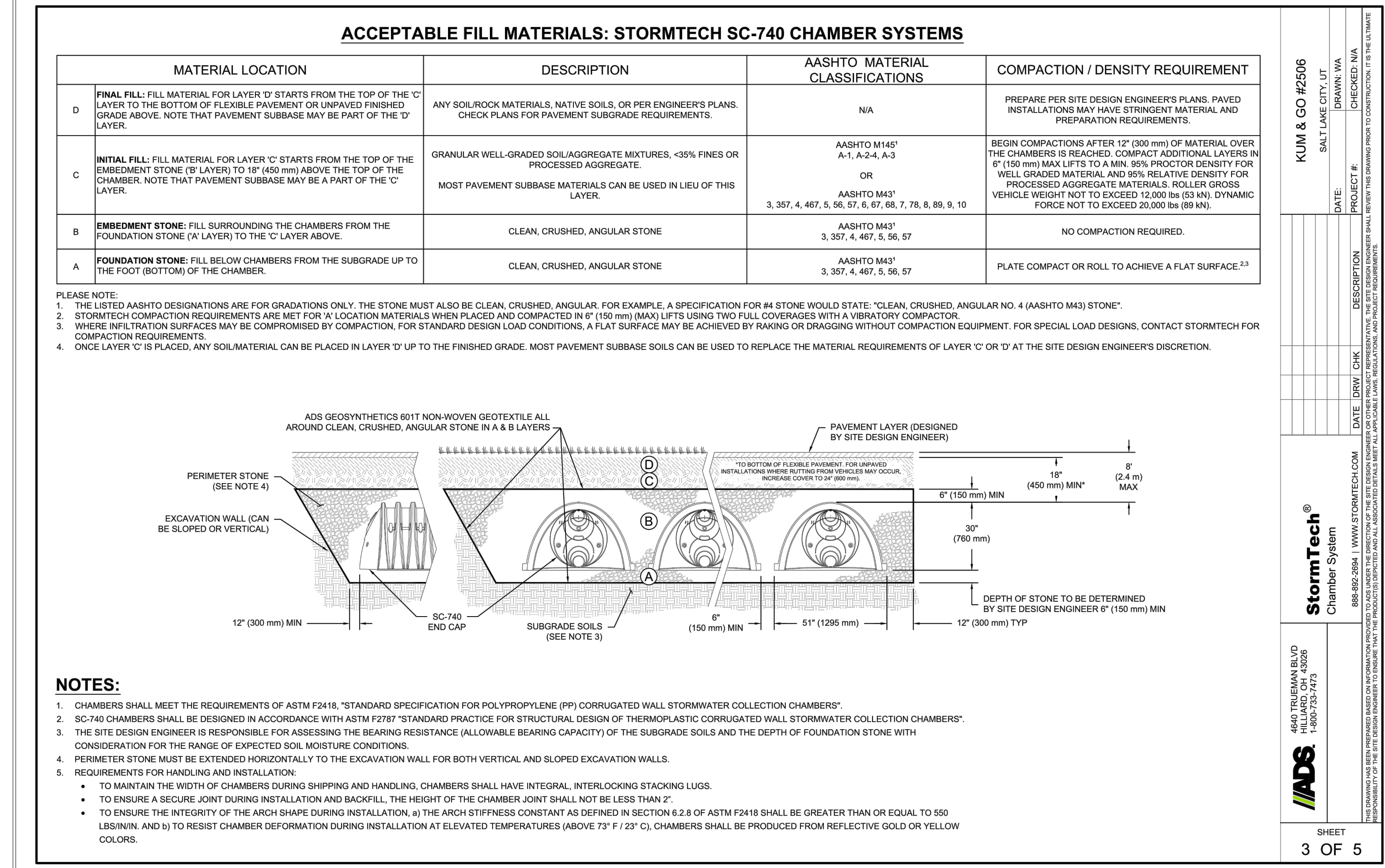
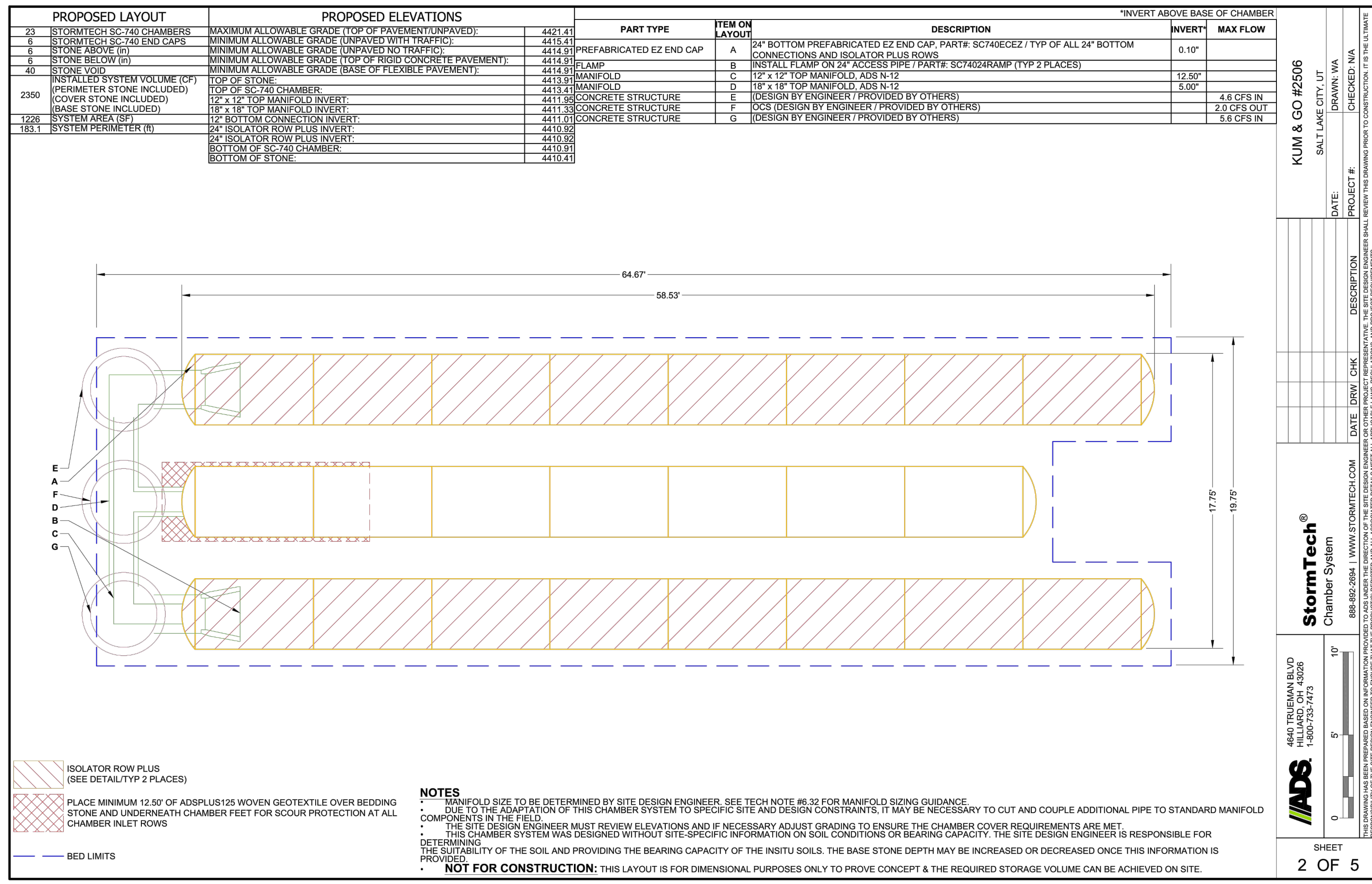
REVISION DESCRIPTION	DATE

DATE: 11.01.2022

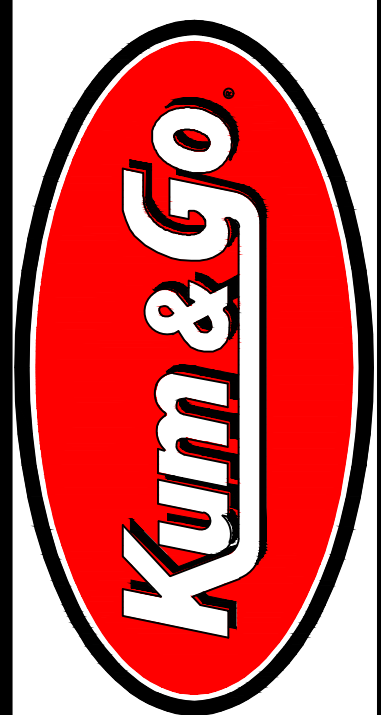
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11 OF 26





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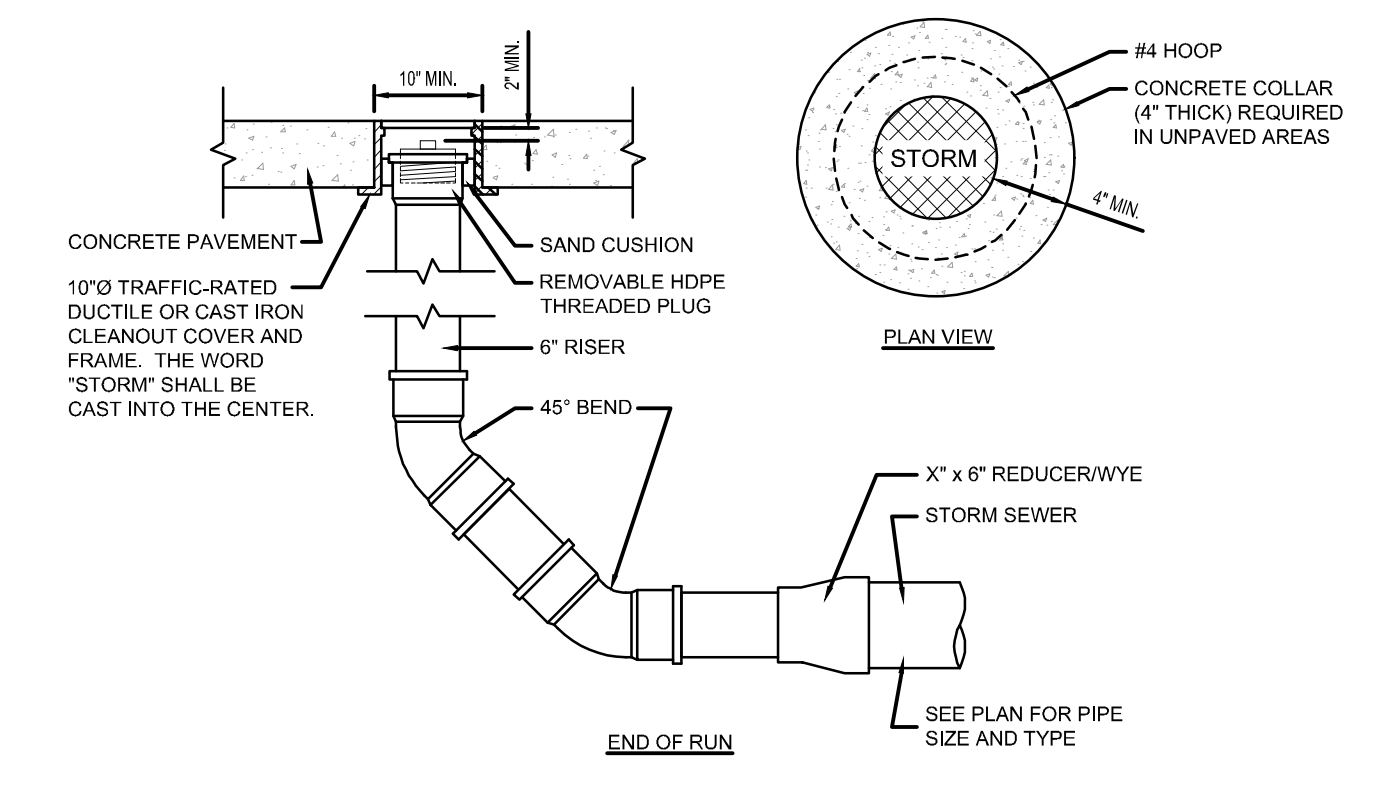
#2506 - SALT LAKE CITY, UTAH
 2111 SOUTH 1300 EAST
 UTILITY DETAILS

KG PROJECT TEAM:
 RDM: SCOTT BABCOCK
 SDM: RYAN HALDER
 CPM: SCOTT NEWBURY

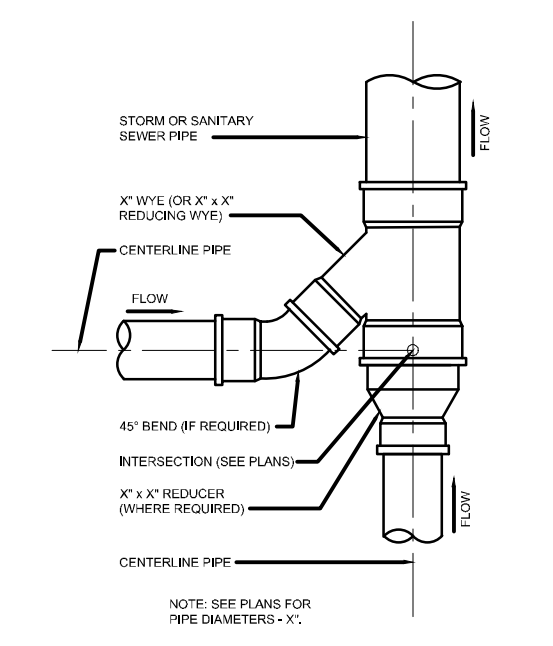
REVISION DESCRIPTION	DATE

DATE: 11.01.2022

SHEET NUMBER:
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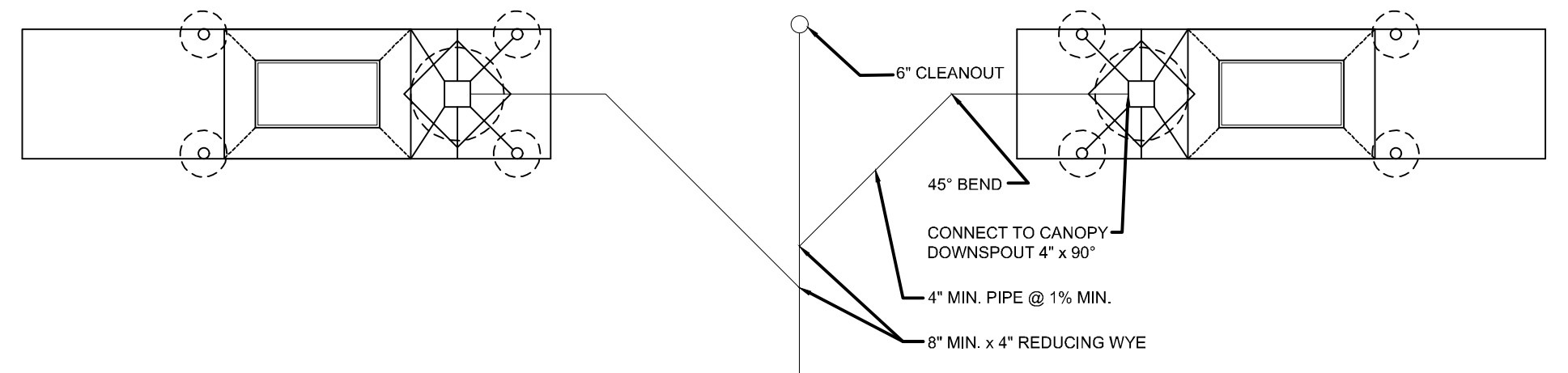


1 STORM SEWER CLEANOUT NOT TO SCALE

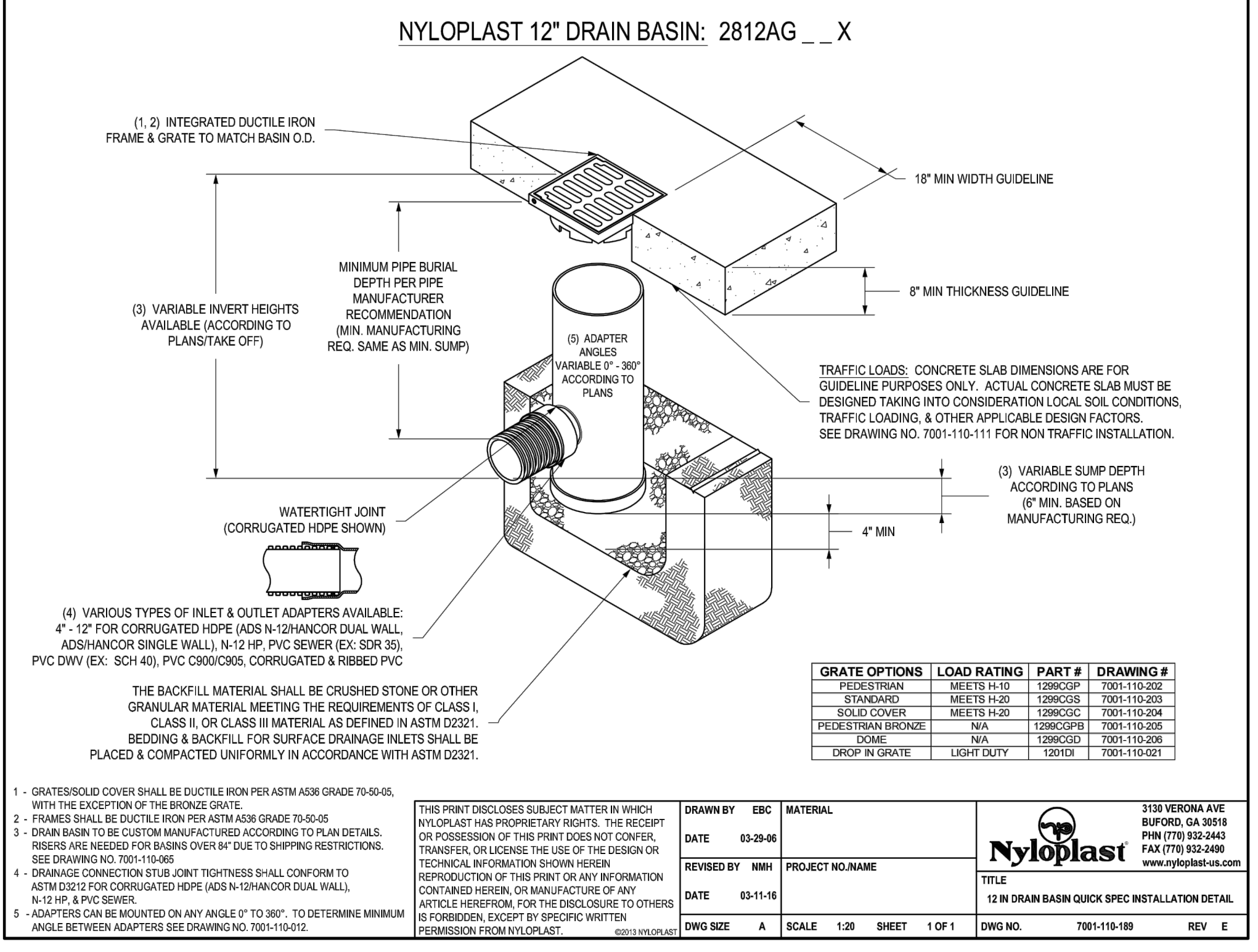


3 WYE CONNECTION NOT TO SCALE

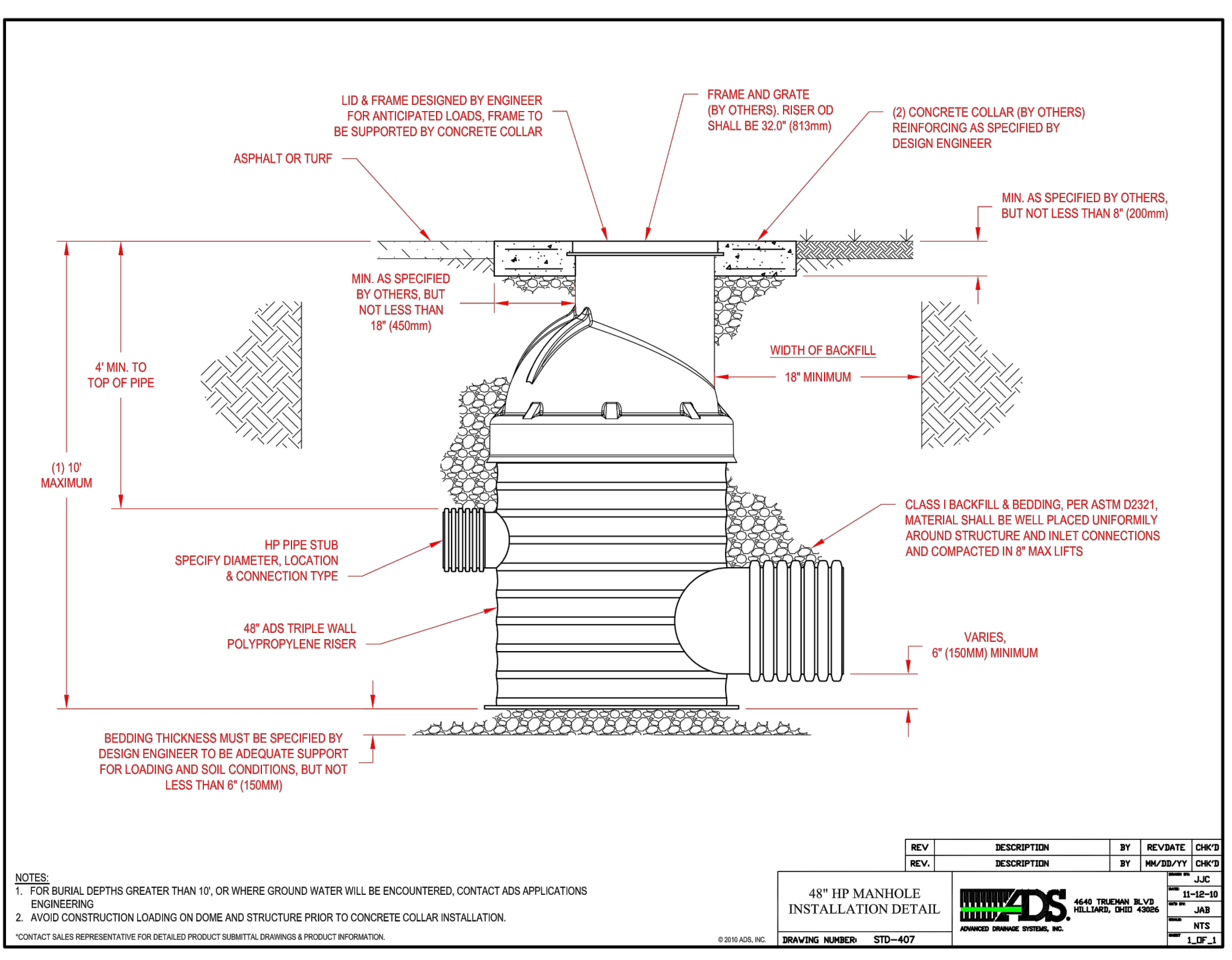
4 CANOPY DRAIN SECTION NOT TO SCALE



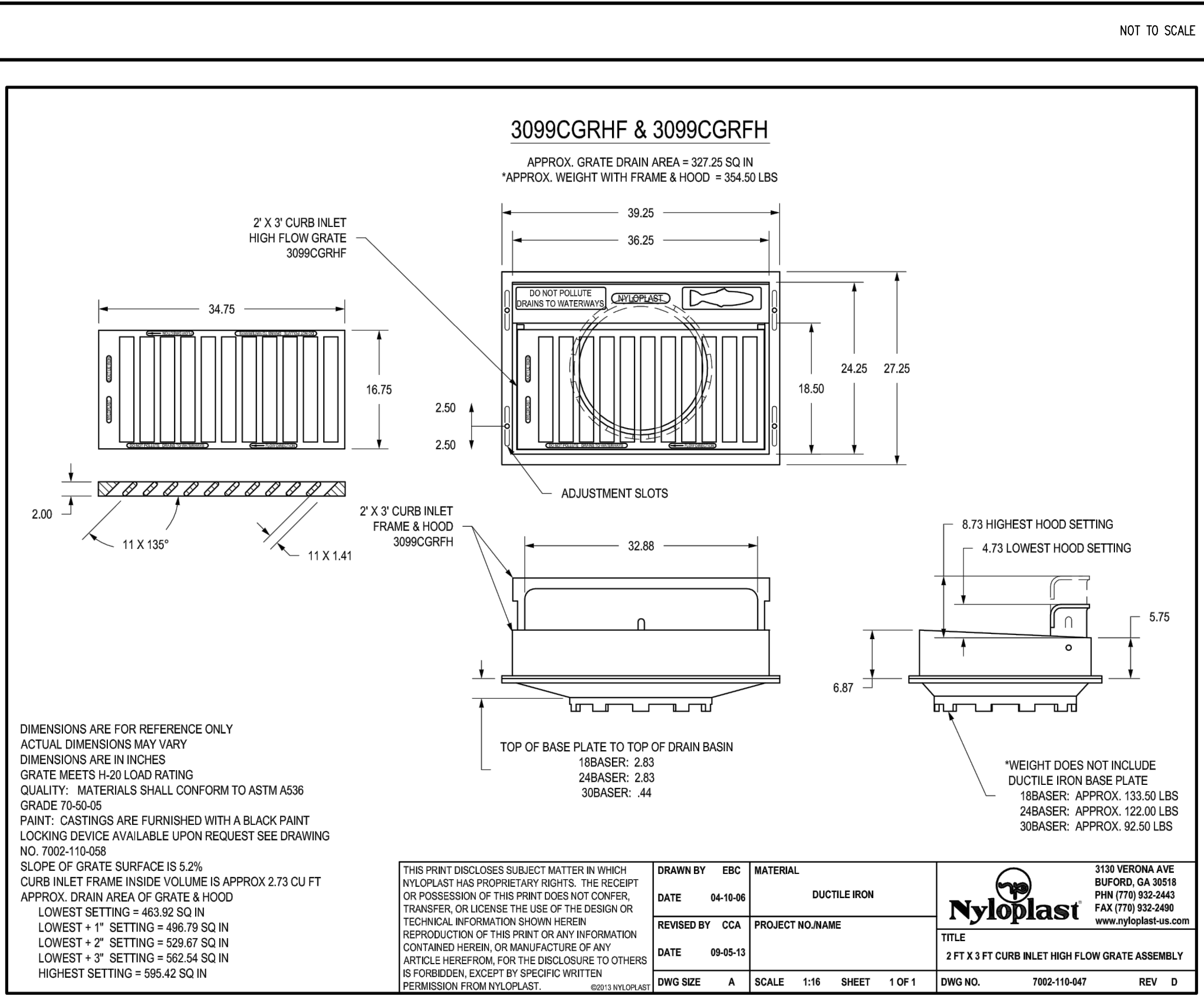
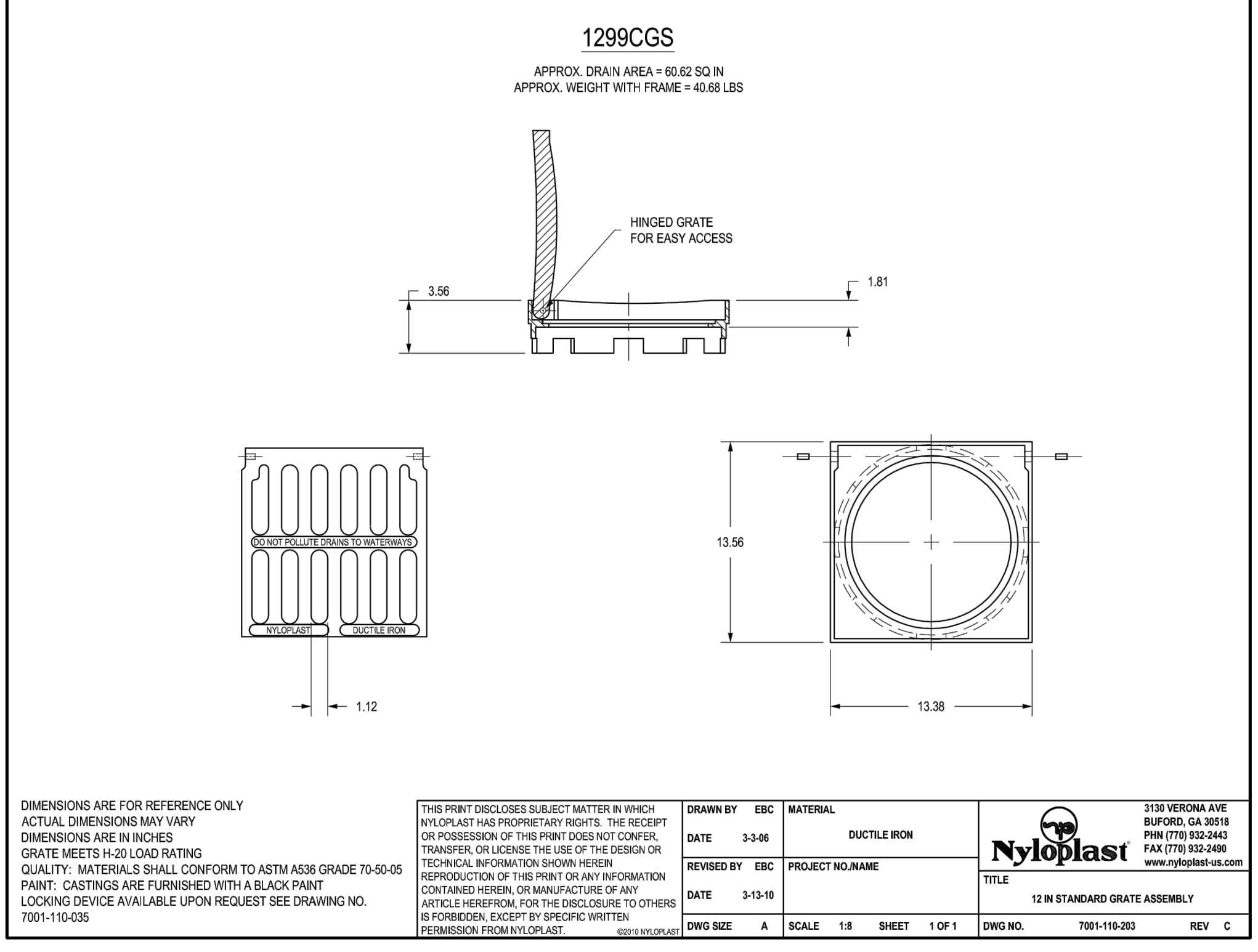
7 CANOPY DRAIN CONNECTION NOT TO SCALE



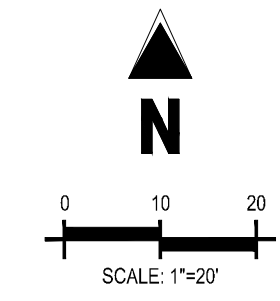
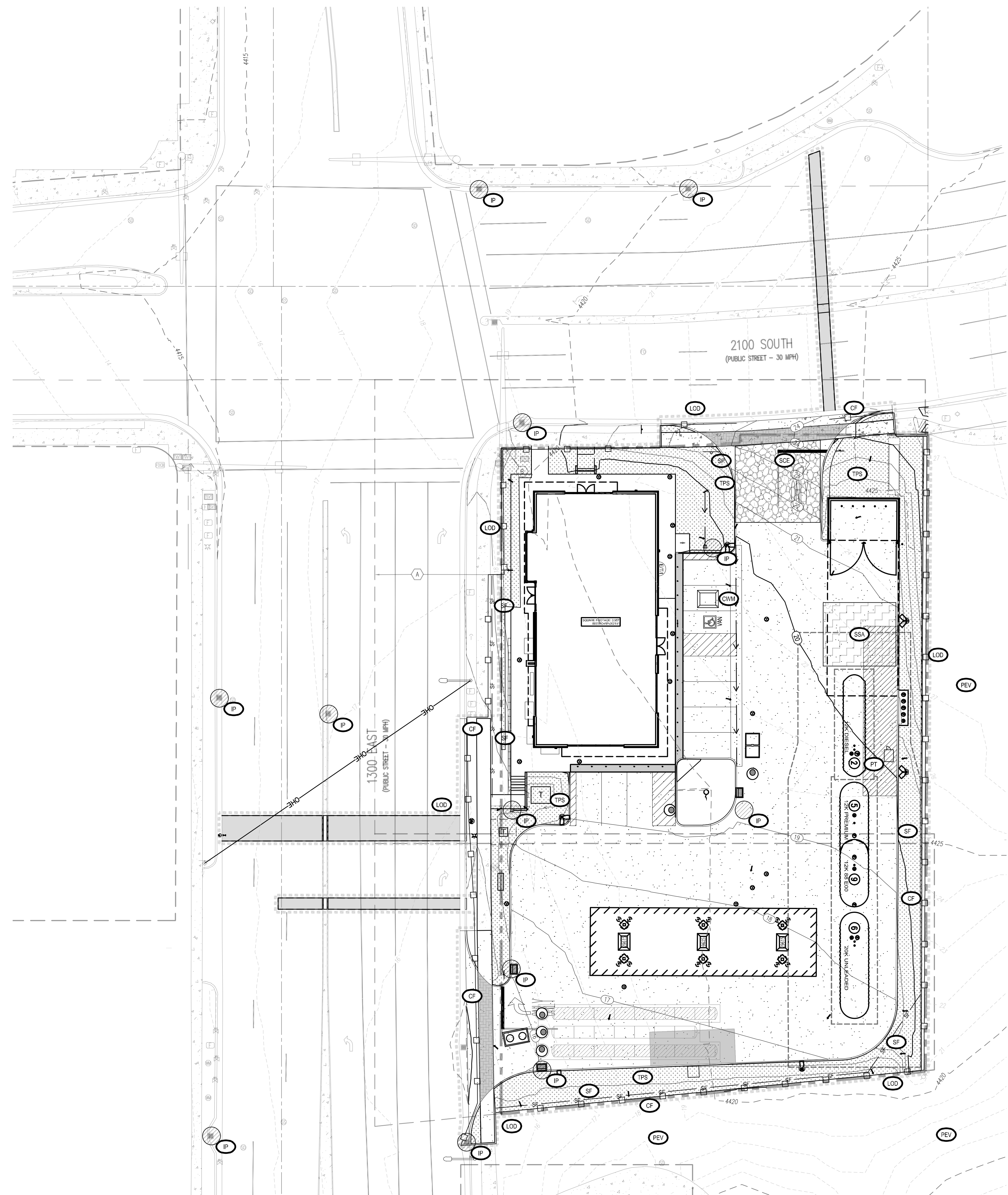
2 NYLOPLAST 12" DRAIN BASIN DETAIL NOT TO SCALE



5 NYLOPLAST 48" MANHOLE DETAIL NOT TO SCALE



6 NYLOPLAST 2' x 3' CURB INLET DETAIL NOT TO SCALE



EROSION CONTROL LEGEND

- LOD LIMITS OF DISTURBANCE = 0.89 ACRES
- SF SILT FENCE OR SAND BAG BARRIER
- CF CONSTRUCTION FENCE
- [Pattern] SCE STABILIZED CONSTRUCTION ENTRANCE
- [Pattern] SSA STABILIZED STAGING AREA
- [Pattern] TPS TEMPORARY OR PERMANENT SEEDING & PLANTING
- [Symbol] IP INLET PROTECTION
- [Symbol] CWM CONCRETE WASTE MANAGEMENT
- [Symbol] PT PORTABLE TOILET
- [Symbol] SP SWPPP INFORMATION SIGN
- FLOW DIRECTION
- [Symbol] CF COMPACTION
- [Symbol] CS CONSTRUCTION SEQUENCING
- [Symbol] DW DEWATERING
- [Symbol] DC DUST CONTROLS
- [Symbol] ET EMPLOYEE TRAINING
- [Symbol] HWM HAZARDOUS WASTE MANAGEMENT
- [Symbol] PEV PRESERVATION OF EXISTING VEGETATION
- [Symbol] MS MATERIAL STORAGE
- [Symbol] MU MATERIAL USE
- [Symbol] SCU SPILL CLEAN UP
- [Symbol] WD WASTE DISPOSAL
- [Symbol] VEF VEHICLE EQUIPMENT FUELING
- [Symbol] VEC VEHICLE EQUIPMENT CLEANING

NOTE: CONTRACTOR MUST COORDINATE WORK WITH UTILITY COMPANY AND CITY PRIOR TO BEGINNING WORK AND IS RESPONSIBLE FOR ALL MATERIALS, LABOR, REPAIRS, ETC. TO COMPLETE WORK AND RESTORE AREA TO SAME STATE PRIOR TO STARTING WORK.

CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL INFORMATION FOR FINAL ACCEPTANCE OF WORK FOR ANY LOCAL, STATE OR FEDERAL AGENCY, UTILITY DISTRICT OR ANY OTHER AGENCY OR DISTRICT HAVING APPROVAL AUTHORITY OVER WORK. THIS INFORMATION MAY INCLUDE, BUT IS NOT LIMITED TO, AS-BUILT PLANS, CERTIFICATIONS, INSPECTIONS AND REPORTS.

NOTE: CONTRACTOR SHALL PROTECT ALL EXISTING SURVEY MONUMENTATION. CONTRACTOR SHALL HAVE LICENSED SURVEYOR REPLACE ANY DAMAGED OR DISTURBED MONUMENTATION AT THEIR COST.

SURVEYOR TO OBTAIN AUTOCAD FILE FROM ENGINEER AND VERIFY ALL HORIZONTAL CONTROL DIMENSIONING PRIOR TO CONSTRUCTION STAKING. SURVEYOR MUST VERIFY ALL BENCHMARK, BASIS OF BEARING AND DATUM INFORMATION TO ENSURE IMPROVEMENTS WILL BE AT THE SAME HORIZONTAL AND VERTICAL LOCATIONS SHOWN ON THE DESIGN CONSTRUCTION DRAWINGS. PRIOR TO CONSTRUCTION STAKING ANY DISCREPANCY MUST BE REPORTED TO OWNER AND ENGINEER PRIOR TO CONTINUATION OF ANY FURTHER STAKING OR CONSTRUCTION WORK.

SOIL PREPARATION & PAVEMENT DESIGN NOTE
 SOIL PREPARATION AND PAVEMENT DESIGN SHALL BE PER RECOMMENDATIONS FROM A GEOTECHNICAL REPORT PREPARED FOR THIS SITE AS FOLLOWS: GEOTECHNICAL ENGINEERING EXPLORATION AND ANALYSIS: PROPOSED PUBLIC STORAGE FACILITY

GEOTECHNICAL ENGINEER: GSH GEOTECHNICAL CONSULTANTS, INC.
PROJECT NO: 2774-019-21 **DATE:** JANUARY 17, 2022

THE CONTRACTOR MUST FULLY REVIEW THIS REPORT PRIOR TO CONSTRUCTION. INFORMATION IN THE GEOTECHNICAL REPORT SUPERSEDES ANY CONFLICTING INFORMATION CONTAINED IN THE CONSTRUCTION PLANS AND SPECIFICATIONS. REFER TO GENERAL STRUCTURAL NOTES FOR SPECIFIC SOIL PREPARATION AT SITE STRUCTURES.

EASEMENT SCHEDULE

- (A) EASEMENT IN FAVOR OF THE STATE ROAD COMMISSION OF UTAH FOR THE PURPOSE OF CONSTRUCTING CUT AND/OR FILL SLOPES MADE NECESSARY BY THE GRADING FOR SIDEWALKS AS RESERVED IN THAT CERTAIN WARRANTY DEED RECORDED MAY 2, 1963 AS ENTRY NO. 1916498 IN BOOK 2046 AT PAGE 121 OF OFFICIAL RECORDS.
- (B) EASEMENT IN FAVOR OF THE UTAH DEPARTMENT OF TRANSPORTATION FOR THE PURPOSE OF CONSTRUCTING AND MAINTAINING A SIGNAL POLE AND APPURTENANCES, RECORDED JANUARY 2, 1981 AS ENTRY NO. 3550184 IN BOOK 5197 AT PAGE 445 OF OFFICIAL RECORDS.

BENCHMARK

BENCHMARK: STREET MONUMENT AT 2100 SOUTH AND DOUGLAS AVENUE. NAVD88 ELEVATION = 4401.32'

BASIS OF BEARING

ALL BEARINGS ARE GRID BEARINGS OF THE UTAH STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, NORTH AMERICAN DATUM 1983. THE MONUMENTED CENTERLINE OF 2100 SOUTH STREET BEARS S 89°57'41" E MONUMENTED AS SHOWN HEREON.

CAUTION – NOTICE TO CONTRACTOR

1. ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT. PRIOR TO CONSTRUCTION, REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION. **Know what's below. Call before you dig.**
2. WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POT-HOLING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.

Galloway
 172 N. East Promontory, Suite 274
 Farmington, UT 84025
 801.953.1357
 GallowayUS.com

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#2506 - SALT LAKE CITY, UTAH
 2111 SOUTH 1300 EAST
 EROSION CONTROL PLAN

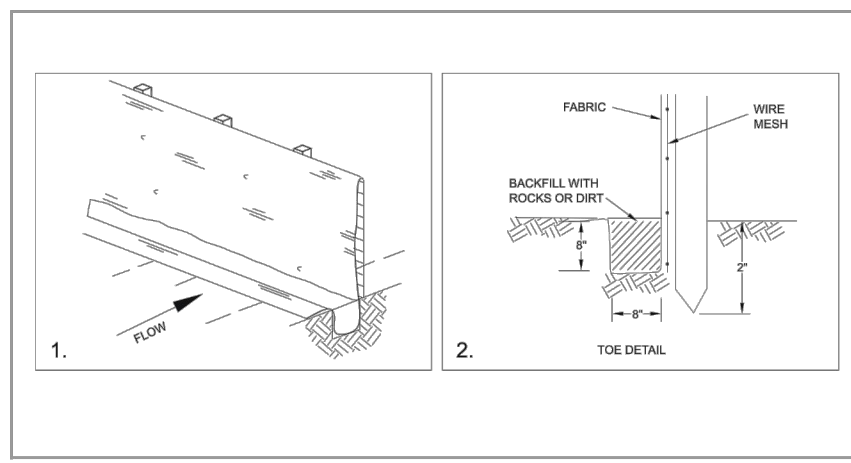
KG PROJECT TEAM:
 RDM: SCOTT BARCOCK
 SDM: RYAN HALDER
 CPM: SCOTT NEWBURY

REVISION DESCRIPTION	DATE	REVISIONS

DATE: 11.01.2022

SHEET NUMBER:
C4.1
 14 OF 26

BMP: Silt Fence SF
Construction



DESCRIPTION:
A temporary sediment barrier consisting of entrenched filter fabric stretched across and secured to supporting posts.

Application:

- ◆ Perimeter control: place barrier at down-gradient limits of disturbance
- ◆ Sediment barrier: place barrier at toe of slope or soil stockpile
- ◆ Protection of existing waterways: place barrier at top of stream bank
- ◆ Inlet protection: place fence surrounding catchbasins

INSTALLATION/APPLICATION CRITERIA:

- ◆ Place posts 6 feet apart on center along contour (or use preassembled unit) and drive 2 feet minimum into ground. Excavate an anchor trench immediately up-gradient of posts.
- ◆ Secure wire mesh (14 gage min. with 6-inch openings) to upslope side of posts. Attach with heavy duty 1 inch long wire staples, tie wires or hog rings.
- ◆ Cut fabric to required width, unroll along length of barrier and drape over barrier. Secure fabric to mesh with twine, staples, or similar, with trailing edge extending into anchor trench.
- ◆ Backfill trench over filter fabric to anchor.

LIMITATIONS:

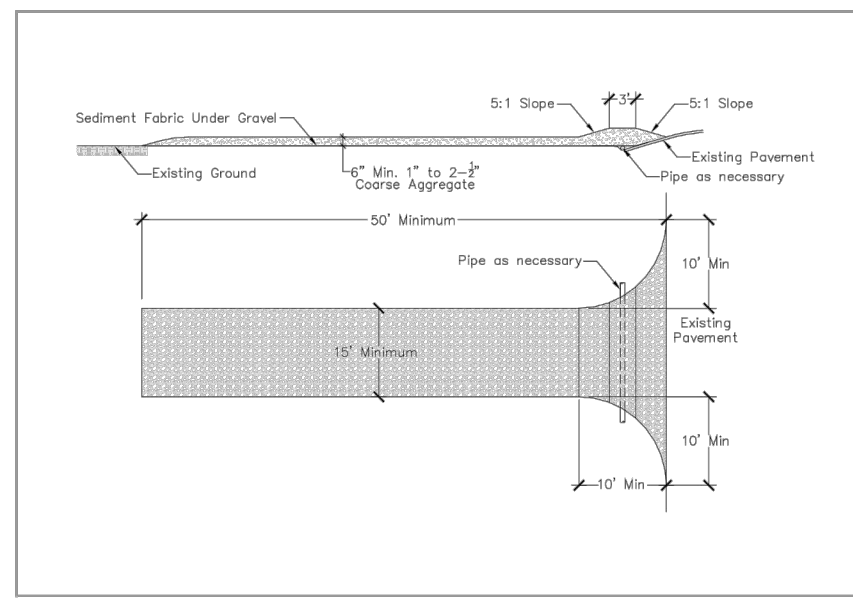
- ◆ Recommended maximum drainage area of 0.5 acre per 100 feet of fence
- ◆ Recommended maximum up-gradient slope length of 150 feet
- ◆ Recommended maximum uphill grade of 2:1 (50%)
- ◆ Recommended maximum flow rate of 0.5 cfs
- ◆ Ponding should not be allowed behind fence

MAINTENANCE:

- ◆ Inspect immediately after any rainfall and at least daily during prolonged rainfall.
- ◆ Look for runoff bypassing ends of barriers or undercutting barriers.
- ◆ Repair or replace damaged areas of the barrier and remove accumulated sediment.
- ◆ Reanchor fence as necessary to prevent shortcutting.
- ◆ Remove accumulated sediment when it reaches 1/2 the height of the fence.

40

BMP: Stabilized Construction Entrance SCE
Construction



DESCRIPTION:
A stabilized pad of crushed stone located where construction traffic enters or leaves the site from or to paved surface.

APPLICATION:
At any point of ingress or egress at a construction site where adjacent traveled way is paved. Generally applies to sites over 2 acres unless special conditions exist.

INSTALLATION/APPLICATION CRITERIA:

- ◆ Clear and grub area and grade to provide maximum slope of 2%.
- ◆ Compact subgrade and place filter fabric if desired (recommended for entrances to remain for more than 3 months).
- ◆ Place coarse aggregate, 1 to 2-1/2 inches in size, to a minimum depth of 8 inches.

LIMITATIONS:

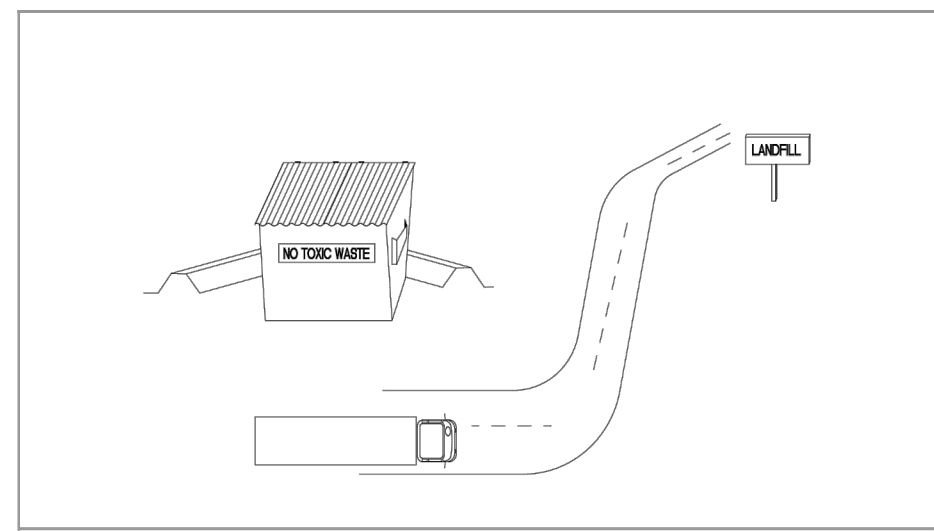
- ◆ Requires periodic top dressing with additional stones.
- ◆ Should be used in conjunction with street sweeping on adjacent public right-of-way.

MAINTENANCE:

- ◆ Inspect daily for loss of gravel or sediment buildup.
- ◆ Inspect adjacent roadway for sediment deposit and clean by sweeping or shoveling.
- ◆ Repair entrance and replace gravel as required to maintain control in good working condition.
- ◆ Expand stabilized area as required to accommodate traffic and prevent erosion at driveways.

43

BMP: Waste Disposal WD
Construction



DESCRIPTION:
Controlled storage and disposal of solid waste generated by construction activities.

APPLICATION:
All construction sites.

INSTALLATION:

- ◆ Designate one or several waste collection areas with easy access for construction vehicles and personnel. Ensure no waterways or storm drainage inlets are located near the waste collection areas.
- ◆ Construct compacted earthen berm (See Earth Berm Barrier Information Sheet), or similar perimeter containment around collection area for impoundment in the case of spills and to trap any windblown trash.
- ◆ Use watertight containers with covers to remain closed when not in use. Provide separate containers for different waste types where appropriate and label clearly.
- ◆ Ensure all on site personnel are aware of and utilize designated waste collection area properly and for intended use only (e.g. all toxic, hazardous, or recyclable materials shall be properly disposed of separately from general construction waste).
- ◆ Arrange for periodic pickup, transfer and disposal of collected waste at an authorized disposal location. Include regular Porta-potty service in waste management activities.

LIMITATIONS:

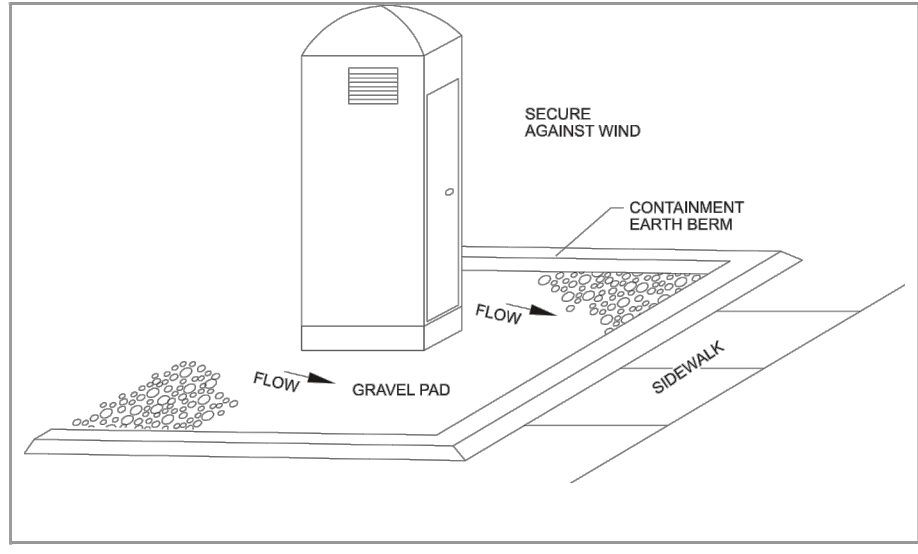
- ◆ On-site personnel are responsible for correct disposal of waste.

MAINTENANCE:

- ◆ Discuss waste management procedures at progress meetings.
- ◆ Collect site trash daily and deposit in covered containers at designated collection areas.
- ◆ Check containers for leakage or inadequate covers and replace as needed.
- ◆ Randomly check disposed materials for any unauthorized waste (e.g. toxic materials).
- ◆ During daily site inspections check that waste is not being incorrectly disposed of on-site (e.g. burial, burning, surface discharge, discharge to storm drain).

53

BMP: Portable Toilets PT
Construction



DESCRIPTION:
Temporary on-site sanitary facilities for construction personnel.

APPLICATION:
All sites with no permanent sanitary facilities or where permanent facility is too far from activities.

INSTALLATION/APPLICATION CRITERIA:

- ◆ Locate portable toilets in convenient locations throughout the site.
- ◆ Prepare level, gravel surface and provide clear access to the toilets for servicing and for on-site personnel.
- ◆ Construct earth berm perimeter (6" tall by 6" wide), control for spill/protection leak.

LIMITATIONS:


- ◆ No limitations.

MAINTENANCE:

- ◆ Portable toilets should be maintained in good working order by licensed service with daily observation for leak detection.
- ◆ Regular waste collection should be arranged with licensed service.
- ◆ All waste should be deposited in sanitary sewer system for treatment with appropriate agency approval.

35

BMP: Hazardous Waste Management HWM
Construction



DESCRIPTION:
Prevent or reduce the discharge of pollutants to stormwater from hazardous waste through proper material use, waste disposal, and training of employees and subcontractors.

APPLICATION:
Many of the chemicals used on-site can be hazardous materials which become hazardous waste upon disposal. These wastes may include:

- ◆ Paints and solvents;
- ◆ Petroleum products such as oils, fuels, and grease;
- ◆ Herbicides and pesticides;
- ◆ Acids for cleaning masonry; and
- ◆ Concrete curing compounds.

In addition, sites with existing structures may contain wastes which must be disposed of in accordance with Federal, State, and local regulations, including:

- ◆ Sandblasting grit mixed with lead, cadmium, or chromium-based paints;
- ◆ Asbestos; and
- ◆ PCBs.

INSTALLATION/APPLICATION CRITERIA:
The following steps will help reduce storm water pollution from hazardous wastes:

- ◆ Use all of the product before disposing of the container.
- ◆ Do not remove the original product label, it contains important safety and disposal information.
- ◆ Do not over-apply herbicides and pesticides. Prepare only the amount needed. Follow the recommended usage instructions. Over-application is expensive and environmentally harmful.
- ◆ Apply surface dressings in several smaller applications, as opposed to one large application, to allow time for infiltration and to avoid excess material being carried off-site by runoff. Do not apply these chemicals just before it rains. People applying pesticides must be certified in accordance with Federal and State regulations.

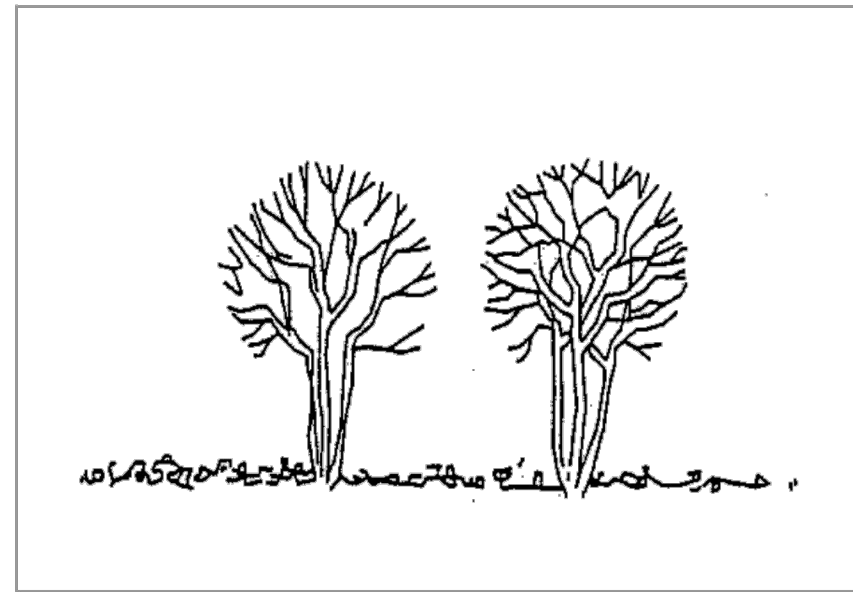
LIMITATIONS:
Hazardous waste that cannot be reused or recycled must be disposed of by a licensed hazardous waste hauler.

MAINTENANCE:

- ◆ Inspect hazardous waste receptacles and area regularly.
- ◆ Arrange for regular hazardous waste collection.

21

BMP: Preservation of Existing Vegetation PEV
Construction



DESCRIPTION:
Carefully planned preservation of existing vegetation minimizes the potential of removing or injuring existing trees, vines, shrubs and/or grasses that serve as erosion controls.

APPLICATIONS:
This technique is applicable to all types of sites. Areas where preserving vegetation can be particularly beneficial are floodplains, wetlands, stream banks, steep slopes, and other areas where erosion controls would be difficult to establish, install, or maintain.

INSTALLATION/APPLICATION CRITERIA:

- ◆ Clearly mark, flag or fence vegetation or areas where vegetation should be preserved.
- ◆ Prepare landscaping plans which include as much existing vegetation as possible and state proper care during and after construction.
- ◆ Define and protect with berms, fencing, signs, etc. a setback area from vegetation to be preserved.
- ◆ Propose landscaping plans which do not include plant species that compete with the existing vegetation.
- ◆ Do not locate construction traffic routes, spoil piles, etc. where significant adverse impact on existing vegetation may occur.

LIMITATIONS:

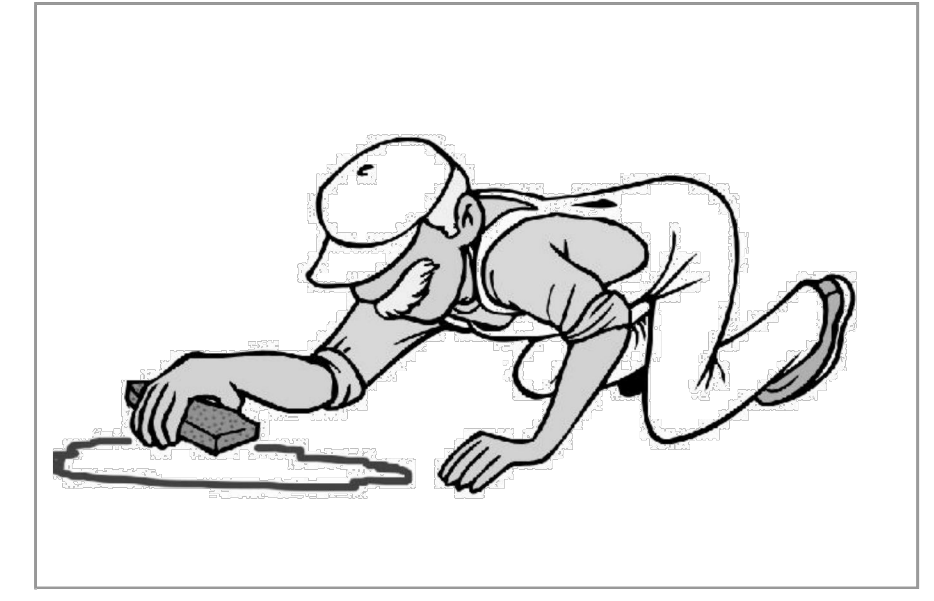
- ◆ Requires forward planning by the owner/developer, contractor and design staff.
- ◆ For sites with diverse topography, it is often difficult and expensive to save existing trees while grading the site satisfactorily for the planned development.
- ◆ May not be cost effective with high land costs.

MAINTENANCE:

- ◆ Inspection and maintenance requirements for protection of vegetation are low.
- ◆ Maintenance of native trees or vegetation should conform to landscape plan specifications.

36

BMP: Spill Clean-Up SCU
Construction



DESCRIPTION:
Practices to clean-up leakage/spillage of on-site materials that may be harmful to receiving waters.

APPLICATION:
All sites

GENERAL:

- ◆ Store controlled materials within a storage area.
- ◆ Educate personnel on prevention and clean-up techniques.
- ◆ Designate an Emergency Coordinator responsible for employing preventative practices and for providing spill response.
- ◆ Maintain a supply of clean-up equipment on-site and post a list of local response agencies with phone numbers.

METHODS:

- ◆ Clean-up spills/leaks immediately and remediate cause.
- ◆ Use as little water as possible. NEVER HOSE DOWN OR BURY SPILL CONTAMINATED MATERIAL.
- ◆ Use rags or absorbent material for clean-up. Excavate contaminated soils. Dispose of clean-up material and soil as hazardous waste.
- ◆ Document all spills with date, location, substance, volume, actions taken and other pertinent data.
- ◆ Contact the Salt Lake County Health Department (313-6700) for any spill of reportable quantity.

42

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Farmington, UT 84025
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GallowayUS.com

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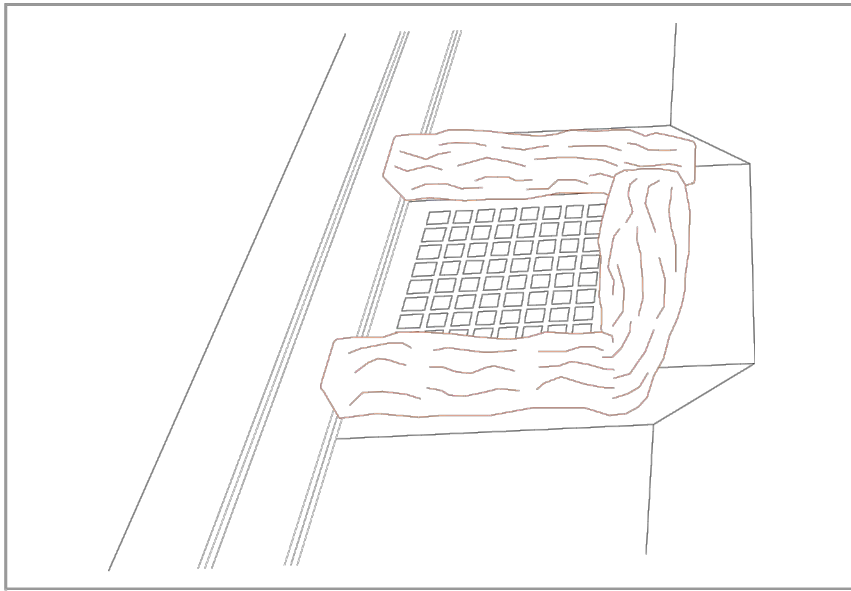
#2506 - SALT LAKE CITY, UTAH
2111 SOUTH 1300 EAST
EROSION CONTROL DETAILS

KG PROJECT TEAM:
RDM: SCOTT BABCOCK
SDM: RYAN HALDER
CPM: SCOTT NEWBURY

REVISION DESCRIPTION	DATE	REVISIONS

DATE: 11.01.2022
SHEET NUMBER:
C4.5
15 OF 26

BMP: Inlet Protection – Wattle IP-W
CONSTRUCTION



DESCRIPTION:
Sediment barrier erected around storm drain inlet.

APPLICATION:
Construct at storm drainage inlets located down-gradient of areas to be disturbed by construction.

INSTALLATION/APPLICATION CRITERIA:

- ◆ Provide up-gradient sediment controls, such as silt fence during construction of inlet
- ◆ When construction of curb and gutter and roadways is complete, install gravel filled wattles around perimeter of inlet

LIMITATIONS:


- ◆ Recommended maximum contributing drainage area of one acre
- ◆ Requires shallow slopes adjacent to inlet

MAINTENANCE:

- ◆ Inspect inlet protection following storm event and at a minimum of once every 14 days.
- ◆ Remove accumulated sediment when it reaches 4 inches in depth.
- ◆ Look for bypassing or undercutting and repair or realign as needed.

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BMP: Employee Training ET
CONSTRUCTION



DESCRIPTION:
Employee training, like equipment maintenance, is a method by which to implement BMPs. Employee training should be used in conjunction with all other BMPs as part of the facility's SWPPP.

The specific employee training aspects of each of the source controls are highlighted in the individual information sheets. The focus of this information sheet is more general, and includes the overall objectives and approach for assuring employee training in stormwater pollution prevention. Accordingly, the organization of this information sheet differs somewhat from the other information sheets in this chapter.

OBJECTIVES:
Employee training should be based on four objectives:

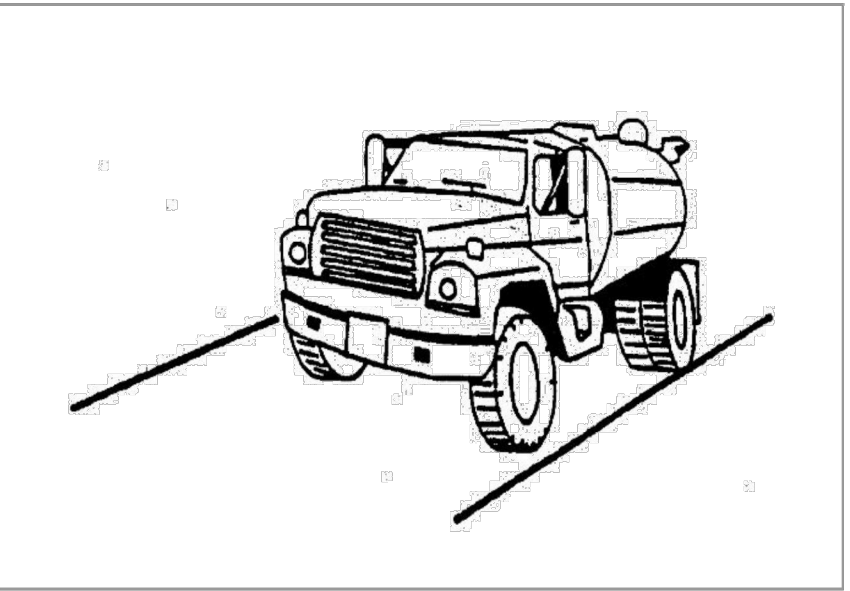
- ◆ Promote a clear identification and understanding of the problem, including activities with the potential to pollute stormwater;
- ◆ Identify solutions (BMPs);
- ◆ Promote employee ownership of the problems and the solutions; and
- ◆ Integrate employee feedback into training and BMP implementation.

APPROACH:

- ◆ Integrate training regarding stormwater quality management with existing training programs that may be required for your business by other regulations.
- ◆ Businesses that are not regulated in Federal, State, or local regulations, may use the information in this handbook to develop a training program to reduce their potential to pollute stormwater.
- ◆ Employee training is a vital component of many of the individual source control BMPs included in this manual.

15

BMP: Dust Controls DC
CONSTRUCTION



DESCRIPTION:
Dust control measures are used to stabilize soil from wind erosion, and reduce dust by construction activities.

APPLICATION:
Dust control is useful in any process area, loading and unloading area, material handling areas, and transfer areas where dust is generated. Street sweeping is limited to areas that are paved.

INSTALLATION/APPLICATION CRITERIA:

- ◆ Mechanical dust collection systems are designed according to the size of dust particles and the amount of air to be processed. Manufacturers' recommendations should be followed for installation (as well as the design of the equipment).
- ◆ Two kinds of street sweepers are common: brush and vacuum. Vacuum sweepers are more efficient and work best when the area is dry.
- ◆ Mechanical equipment should be operated according to the manufacturers' recommendations and should be inspected regularly.

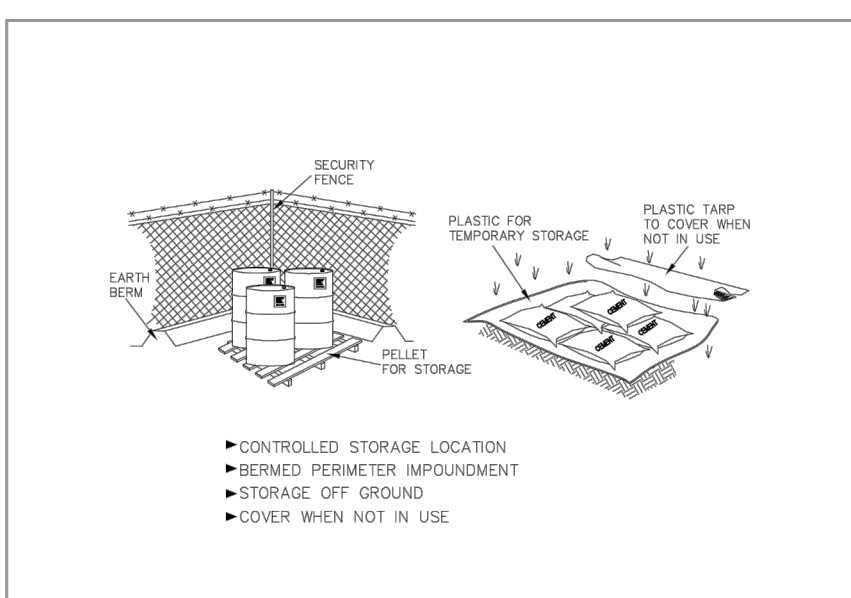
LIMITATIONS:

- ◆ Generally more expensive than manual systems.
- ◆ May be impossible to maintain by plant personnel (the more elaborate equipment).
- ◆ Labor and equipment intensive and may not be effective for all pollutants (street sweepers).

MAINTENANCE:
If water sprayers are used, dust-contaminated waters should be collected and taken for treatment. Areas will probably need to be resprayed to keep dust from spreading.

13

BMP: Material Storage MS
CONSTRUCTION



DESCRIPTION:
Controlled storage of on-site materials.

APPLICATION:

- ◆ Storage of hazardous, toxic, and all chemical substances.
- ◆ Any construction site with outside storage of materials.

INSTALLATION/APPLICATION CRITERIA:

- ◆ Designate a secured area with limited access as the storage location. Ensure no waterways or drainage paths are nearby.
- ◆ Construct compacted earthen berm (See Earth Berm Barrier Information Sheet), or similar perimeter containment around storage location for impoundment in the case of spills.
- ◆ Ensure all on-site personnel utilize designated storage area. Do not store excessive amounts of material that will not be utilized on site.
- ◆ For active use of materials away from the storage area ensure materials are not set directly on the ground and are covered when not in use. Protect storm drainage during use.

LIMITATIONS:

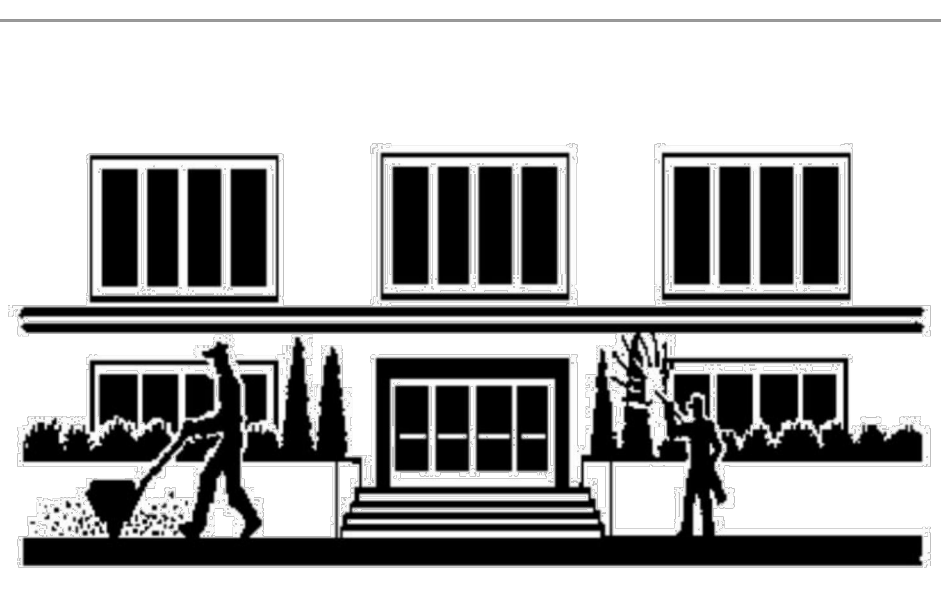
- ◆ Does not prevent contamination due to mishandling of products.
- ◆ Spill Prevention and Response Plan still required.
- ◆ Only effective if materials are actively stored in controlled location.

MAINTENANCE:

- ◆ Inspect daily and repair any damage to perimeter impoundment or security fencing.
- ◆ Check materials are being correctly stored (i.e. standing upright, in labeled containers, tightly capped) and that no materials are being stored away from the designated location.

30

BMP: Material Use MU
CONSTRUCTION



DESCRIPTION:
Prevent or reduce the discharge of pollutants to storm water from material use by using alternative products, minimizing hazardous material use on-site, and training employees and subcontractors.

APPLICATION:
The following materials are commonly used on construction sites:

- ◆ Pesticides and herbicides, fertilizers, detergents, plaster and other products, petroleum products such as fuel, oil, and grease.
- ◆ Other hazardous chemicals such as acids, lime, glues, paints, solvents, and curing compounds.

INSTALLATION/APPLICATION CRITERIA:

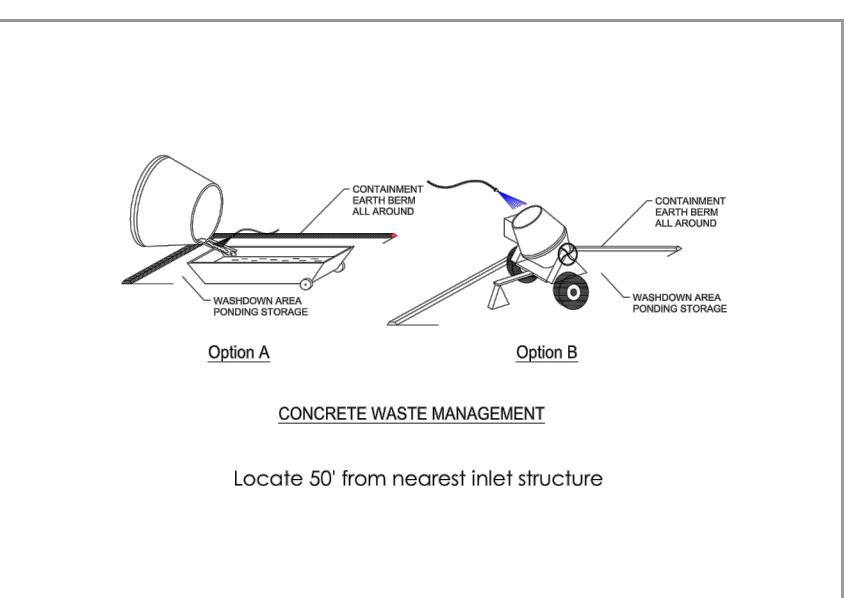
- ◆ Use less hazardous, alternative materials as much as possible.
- ◆ Minimize use of hazardous materials on-site.
- ◆ Use only materials where and when needed to complete the construction activity.
- ◆ Follow manufacturer's instructions regarding uses, protective equipment, ventilation, flammability, and mixing of chemicals.
- ◆ Personnel who use pesticides should be trained in their use.
- ◆ Do not over apply fertilizers, herbicides, and pesticides. Prepare only the amount needed.
- ◆ Unless on steep slopes, till fertilizers in to the soil rather than hydroseeding.
- ◆ Do not apply these chemicals just before it rains.

LIMITATIONS:
Alternative materials may not be available, suitable, or effective in every case.

MAINTENANCE:
Maintenance of this best management practice is minimal.

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BMP: Concrete Waste Management CWM
CONSTRUCTION



DESCRIPTION:
Prevent or reduce the discharge of pollutants to storm water from concrete waste by conducting washout off-site, performing on-site washout in a designated area, and training employees and subcontractors.

APPLICATION:
This technique is applicable to all types of sites.

INSTALLATION/APPLICATION CRITERIA:

- ◆ Store dry materials under cover, away from drainage areas.
- ◆ Minimize excess mixing of fresh concrete, mortar or cement on-site.
- ◆ Perform washout of concrete trucks off-site or in designated areas only.
- ◆ Do not wash out concrete trucks into storm drains, open ditches, streets, or streams.
- ◆ Do not allow excess concrete to be dumped on-site, except in designated areas.
- ◆ When washing concrete to remove fine particles and expose the aggregate, avoid creating runoff by draining the water within a bermed or level area. (6" tall by 6" wide).
- ◆ Train employees and subcontractors in proper concrete waste management.

LIMITATIONS:
◆ Off-site washout of concrete wastes may not always be possible.

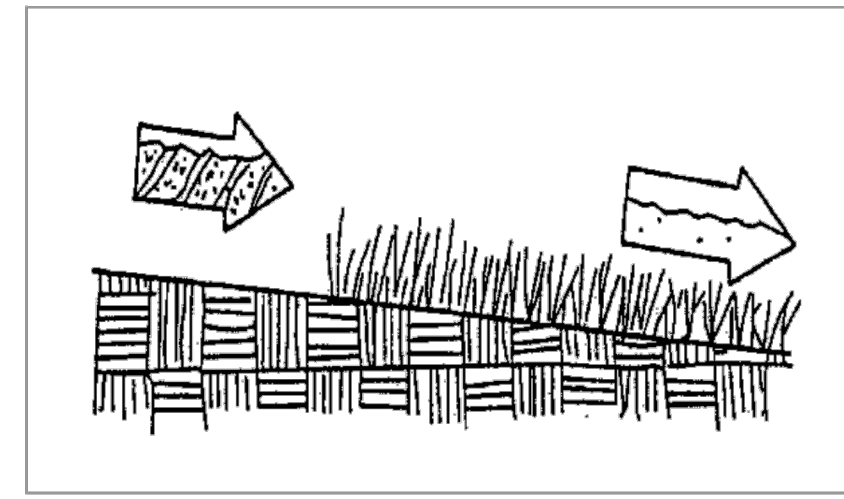
MAINTENANCE:

- ◆ Inspect subcontractors to ensure that concrete wastes are being properly managed.
- ◆ If using a temporary pit, dispose hardened concrete on a regular basis.

8

REVISION DESCRIPTION	DATE	BY

BMP: Temporary and Permanent Seeding and Planting **TPSP**
Construction



DESCRIPTION:
Seeding of grass and plantings of trees, shrubs, vines and ground covers provide long-term stabilization of soil. In some areas, with suitable climates, grasses can be planted for stabilization.

Temporary seeding - establishment of short term cover by application of rapidly germinating seed mix (alternatively hydro-seeding may be utilized).

Permanent seeding - establishment of final term cover by application of perennial seed mix (alternatively sod may be utilized).

APPLICATION:

- ◆ Appropriate for site stabilization both during construction and post-construction.
- ◆ Any graded/cleared areas where construction activities have ceased.
- ◆ Open space cut and fill areas.
- ◆ Steep slopes, spoil piles, vegetated swales, landscape corridors, stream banks.

INSTALLATION/APPLICATION CRITERIA:
Type of vegetation, site and seedbed preparation, planting time, fertilization and water requirements should be considered for each application. The recommended seed mix will be dependent on site specific information such as elevation, exposure, soils, water availability and topography. Appropriate ground preparation and fertilizer must be considered.

LIMITATIONS:

- ◆ Permanent and temporary vegetation may not be appropriate in dry periods without irrigation.
- ◆ Fertilizer requirements may have potential to create stormwater pollution.

MAINTENANCE:

- ◆ Shrubs and trees must be adequately watered and fertilized and if needed pruned.
- ◆ Grasses may need to be watered and mowed.
- ◆ Provide irrigation as required to establish growth and to maintain plant cover through duration of project.
- ◆ Reseed as necessary to provide 75% coverage
- ◆ Remediate any areas damaged by erosion or traffic.
- ◆ When 75% coverage is achieved inspect monthly for damage and remediate as necessary.

Dewatering **BMP 46**

Description To assess and appropriately dispose of rising groundwater or rainwater from excavations and other collection areas.

Applications Public or private properties with the following:

- ◆ Foundation work excavations
- ◆ Utilities and infrastructure installation and repair projects, including installation, repair and maintenance of:
 - ✓ Electrical conduits
 - ✓ Vaults/tanks
 - ✓ Sewer and storm drain systems
 - ✓ Phone and cable lines
 - ✓ Gas or other fuel lines
- ◆ Other excavations or graded areas requiring dewatering

Limitations

Drainage area - N/A	Maximum slope - N/A
Minimum bedrock depth - N/A	Minimum water table - N/A
NRCS soil type - N/A	Freeze/thaw - N/A
Drainage/flood control - yes	

Targeted Pollutants Sediment

Design Parameters Depending on season, flow rate, volume, or residual contamination, the discharge will be allowed to flow to:

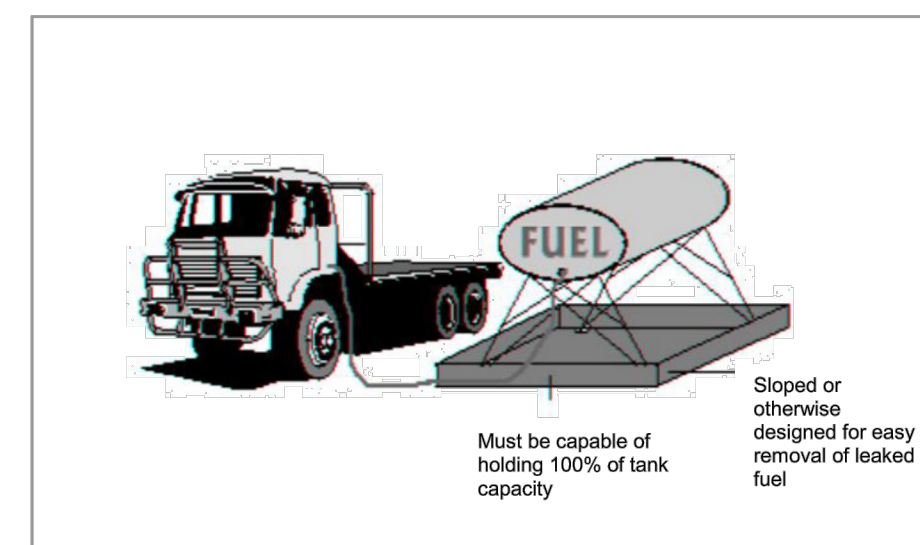
- ◆ The ground in a manner that ensures no runoff leaving the site. This may require a permit or other authorization from the local drainage authority.
- ◆ The storm drain system. A permit or letter of authorization with discharge restrictions may be required.
- ◆ The sanitary sewer. A permit or letter of authorization with discharge restrictions may be required.

The site should be assessed for the issues listed below to assist the local drainage authority in determining which discharge option to approve:

- ◆ Water clarity. If the water is cloudy or turbid, there are dissolved and/or settleable solids in the water that should be filtered or settled out prior to discharge. Determine if contaminants are present in impounded water. Check for odors, discoloration, or oily sheen. Check any soils and/or groundwater testing results.
- ◆ If contamination may be or is present, a certified laboratory should test the proposed discharge waters with results submitted to the local drainage authority. Sampling and testing requirements will be determined on a case-by case basis depending on site history or suspected pollutants. Contact DEQ or the local authority responsible for receiving system before testing to get assistance in identifying the required parameters of concern and any specific sampling requirements. After review, the local drainage authority will specify if any pretreatment is required prior to discharge.



BMP: Vehicle And Equipment Fueling **VEF**
Construction



DESCRIPTION:
Prevent fuel spills and leaks, and reduce their impacts to storm water by using off-site facilities, fueling in designated areas only, enclosing or covering stored fuel, implementing spill controls, and training employees and subcontractors.

INSTALLATION/APPLICATION:

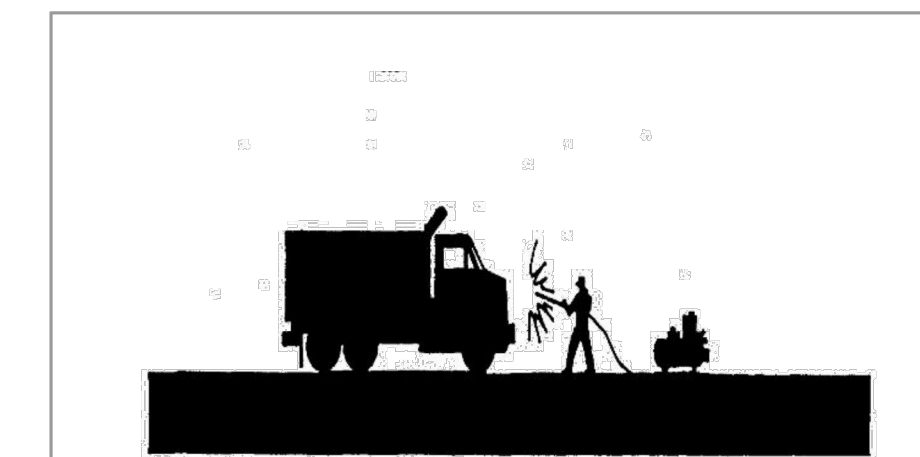
- ◆ Use off-site fueling stations as much as possible. Fueling vehicles and equipment outdoors or in areas where fuel may spill/leak onto paved surfaces or into drainage pathways can pollute storm water. If you fuel a large number of vehicles or pieces of equipment, consider using an off-site fueling station. These areas are better equipped to handle fuel and spills properly. Performing this work off-site can also be economical by eliminating the need for a separate fueling area at your site.
- ◆ If fueling must occur on-site, use designated areas, located away from drainage courses, to prevent the runoff of storm water and the runoff of spills. Discourage "topping-off" of fuel tanks.
- ◆ Always use secondary containment, such as a drain pan or drop cloth, when fueling to catch spills/leaks. Place a stockpile of spill cleanup materials where it will be readily accessible. Use adsorbent materials on small spills rather than hosing down or burying the spill. Remove the adsorbent materials promptly and dispose of properly.
- ◆ Carry out all Federal and State requirements regarding stationary above ground storage tanks, (40 CF Sub. J.) Avoid mobile fueling of mobile construction equipment around the site; rather, transport the equipment to designated fueling areas. With the exception of tracked equipment such as bulldozers and perhaps forklifts, most vehicles should be able to travel to a designated area with little lost time. Train employees and subcontractors in proper fueling and cleanup procedures.

LIMITATIONS:
Sending vehicles/equipment off-site should be done in conjunction with Stabilized Construction Entrance.

MAINTENANCE:

- ◆ Keep ample supplies of spill cleanup materials on-site.
- ◆ Inspect fueling areas and storage tanks on a regular schedule.

BMP: Vehicle And Equipment Cleaning **VEC**
Construction



DESCRIPTION:
Prevent or reduce the discharge of pollutants to storm water from vehicle and equipment cleaning by washing in designated, contained areas only, eliminating discharges to the storm drain by infiltrating or recycling the wash water, and/or training employees and subcontractors.

INSTALLATION/APPLICATION:

- ◆ Use designated, bermed wash areas to prevent wash water contact with storm water, creeks, rivers, and other water bodies. The wash area can be sloped for wash water collection and subsequent infiltration into the ground.
- ◆ Use as little water as possible to avoid having to install erosion and sediment controls for the wash area. Use phosphate-free biodegradable soaps. Educate employees and subcontractors on pollution prevention measures. Do not permit steam cleaning on-site. Steam cleaning can generate significant pollutant concentrations.

LIMITATIONS:

- ◆ Even phosphate-free, biodegradable soaps have been shown to be toxic to fish before the soap degrades.
- ◆ Sending vehicles/equipment off-site should be done in conjunction with Stabilized Construction Entrance.

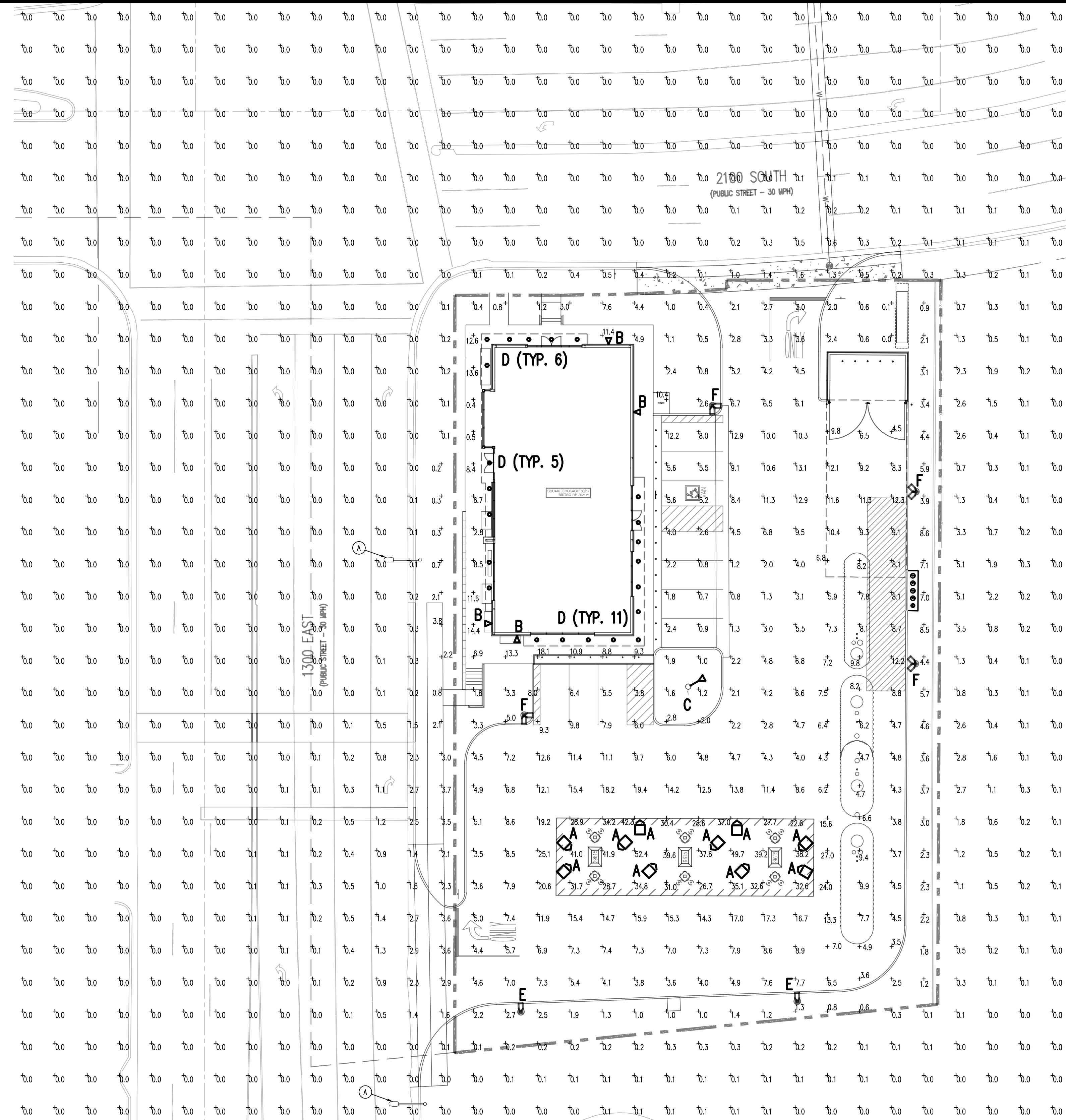
MAINTENANCE:

- ◆ Minimal, some berm repair may be necessary.

REVISION DESCRIPTION	DATE

DATE: 11.01.2022

SHEET NUMBER:



DESIGN NOTES

- EXISTING STREET LIGHT HEADS TO BE REPLACED PER SLCPU STREET LIGHTING PROGRAM. PLEASE COORDINATE WITH DAVE PEARSON, STREET LIGHTING PROGRAM MANAGER, SLCPU.
- REPLACEMENT HEADS TO BE:
 AMERICAN ELECTRIC LIGHTING, AUTOBAHN SERIES, MODEL NUMBER
 ATBO-P305-MVOLT-R3-BLANK (GRAY)-BLANK (STANDARD SURGE)-BLANK (TERMINAL BLOCK)-97-FULL
 CONTRACTOR TO COORDINATE WITH WADE LONG WITH BLACK McDONALD (801.381.9654) FOR PROCUREMENT AND INSTALLATION OF AFOREMENTIONED STREET LIGHT HEADS

LUMINAIRE SCHEDULE

LABEL	SYMBOL	QTY	ARRANGEMENT	MODEL NUMBER	DESCRIPTION	LUMENS	TOTAL WATTS
A		10	SINGLE	SCV-LED-13L-SC-50-WHT	LSI LIGHTING, SCOTTSDALE VERTEX SERIES, 13L LUMEN PACKAGE, SYMMETRIC DISTRIBUTION, 5000K, WHITE, LED CANOPY FIXTURE, MOUNTED AT 15'-6"	13444	90
B		4	SINGLE	WST-LED-P2-40K-VW-MVOLT	LITHONIA LIGHTING, WST LED SERIES, 3,000 LUMEN PACKAGE, 4000K, VISUAL COMFORT WIDE DISTRIBUTION, LED DECORATIVE WALL SCONCE, MOUNTED AT 11'-0"	3512	25
C		1	SINGLE	TLFL LED-20L-UNV-DIM-40-BLK	LSI LIGHTING, TLFL SERIES, 20L LUMEN PACKAGE, 4000K, BLACK COLOR, LED FLOODLIGHT, MOUNTED AT 4'-0", AIMED TO ILLUMINATE FLAG	19790	188
D		22	SINGLE	DNR-52609 LED6-40K	ATLANTIC LIGHTING, RECESSED 6" LENSED LED DOWNLIGHT, 4000K, FROSTED LENS, SPECULAR CLEAR FINISH MOUNTED AT 9'-0"	1579	23.8
E		2	SINGLE	SLM-18L-SL-FI-UNV-50-70-BRZ-IL-S WITH EHS-SLM-B-BLK-60	LSI LIGHTING, SLICE MEDIUM LED SERIES AREA LIGHT, 18,000 LUMENS PACKAGE, 5000K, 70 CRI, SINGLE HEAD FLAT LENS FIXTURE, WITH INTERNAL LOUVER SHIELDING AND 6" EXTERNAL REAR SHIELD, FORWARD THROW MOUNTED ON 16' POLE WITH 2'-6" CONCRETE BASE	15531	135
F		4	2 @ 90 DEGREES	(2) SLM-18L-SL-FI-UNV-50-70-BRZ-IH-D90 WITH (2) EHS-SLM-B-BLK-60	LSI LIGHTING, SLICE MEDIUM LED SERIES AREA LIGHT, 18,000 LUMENS PACKAGE, 5000K, 70 CRI, DOUBLE HEAD FLAT LENS FIXTURE, WITH INTERNAL LOUVER SHIELDING AND 6" EXTERNAL REAR SHIELD, FORWARD THROW MOUNTED ON 16' POLE WITH 2'-6" CONCRETE BASE	15531	270

NOTES: REFER TO MEP PLANS FOR SITE LIGHTING ELECTRICAL AND POLE BASE DETAIL.
 DISTANCE FROM CENTER OF POLE TO BACK OF CURB = 4'-0" UNLESS NOTED OTHERWISE.

CALCULATION SUMMARY

LABEL	UNITS	UNIFORMITY RATIOS			
		AVG	MAX	MIN	AVG/MIN
CANOPY AREA	FC	34.30	52.4	22.6	1.52 to 1
PARKING AREAS	FC	4.17	21.9	0.7	5.96 to 1
DRIVE AREAS	FC	8.30	27.0	0.8	10.04 to 1

CAUTION - NOTICE TO CONTRACTOR

1. ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION. **Call before you dig.**

2. WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POT-HOLING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.



REVISION DESCRIPTION

DATE

DATE: 09.19.2022

SHEET NUMBER:

PP.10
18 OF 26

REVISIONS

#2506 - SALT LAKE CITY, UTAH
 2111 SOUTH 1300 EAST
 PHOTOMETRIC PLAN

KG PROJECT TEAM:
 RDM: SCOTT BARCOCK
 SDM: RYAN HALDER
 CPM: SCOTT NEWBURY

1459 Grand Ave
 Des Moines, IA 50309
 P: 888-458-6646



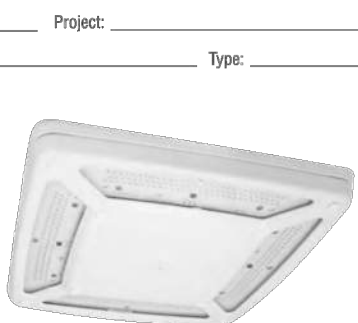
PRELIMINARY
 NOT FOR BIDDING
 NOT FOR CONSTRUCTION

Galloway
 172 N. East Promontory, Suite 274
 Farmington, UT 84025
 801.953.1357
 GallowayUS.com

Catalog # **A & A1** Project: _____
Prepared By: _____ Date: _____ Type: _____

Scottsdale Vertex™ (SCV)

Petroleum Canopy LED Luminaire



OVERVIEW

Lumen Package	9,000 - 23,000
Wattage Range	67 - 188
Efficiency Range (LMW)	109 - 154
Weight (back)	35.6 (L4)

QUICK LINKS

Ordering Guide Performance Photometrics Dimensions

FEATURES & SPECIFICATIONS

Construction

- Rugged low-profile die-cast aluminum housing, optical unit, and driver cover.
- Below canopy access to optical chamber and driver housing for serviceability.
- IP66 rated luminaire protects integral components from dust and water.
- Features are finished with LSI's DuraGrip™ polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling.
- Four fasteners secure the door frame to housing. Door frame also provides quick and easy access to the electrical compartment for servicing.
- Shipping weight: 35.6 lbs in cartons.

Optical System

- Symmetrical distribution utilizes a clear tempered flat glass lens to uniformly illuminate the area under the canopy.
- Combination Forward Throw distribution uses clear tempered flat glass and optical grade PMMA acrylic lens to create an industry leading unique distribution pattern to illuminate the area under the canopy and the area between the canopy and convenience store eliminating the need for extra footlights.
- Available in 5000K, 4000K and 3000K color temperatures.
- Minimum CR of 80.

Electrical

- High-performance programmable driver features over-voltage, under-voltage, short-circuit and over-temperature protection. Custom lumen and wattage packages available.

Installation

- 0-10V dimming (0% - 100%) standard.
- Standard Universal Voltage (120-277 Vac) Input 50/60 Hz or optional High Voltage (347-480 Vac).
- L40 Calculated Life: >100K Hours (See Lumen Maintenance on Page 2)
- Total harmonic distortion: <20%
- Operating temperature: -40°C to +50°C (-40°F to +122°F) when mounted to Steel/Aluminum surfaces for L40, L3L, & L5L Lumen Packages, +42°C for L2L Lumen Package, and +35°C for 2SL Lumen Package. If mounted to a non-metallic surface, reduce ambient by 5°C.
- Power factor: >0.90
- Field-replaceable surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C82.41.2).
- High-efficiency LEDs are mounted to a (4) circuit boards to maximize heat dissipation.
- Driver components are fully enclosed in potting material for moisture resistance. Driver complies with FCC standards.

Warranty

- LSI LED Fixtures carry a 5-year warranty or 50,000 hours with registration for petroleum applications only (contact your LSI representative for details).

Accessories

- LSI LED Fixtures carry a 5-year warranty or 50,000 hours with registration for petroleum applications only (contact your LSI representative for details).

Notes

- 1 - IP66 is not configurable via the LSI app but can be downloaded from your smartphone using the LSI app.
- 2 - L40 is for 0-10V dimming.
- 3 - L40 is not compatible with ALPCA or IP66 controls or 3000K color temperature.
- 4 - Not available in US.
- 5 - Custom lumen and wattage packages available contact factory. Values are within industry standard.
- 6 - Not available in US.
- 7 - L40 is not compatible with ALPCA or IP66 controls or 3000K color temperature.

LSI Industries Inc. 10000 Alliance Rd. Cincinnati, OH 45242 • www.lsi.com
(513) 372-3300 • ©2020 LSI Industries Inc. All Rights Reserved. Specifications subject to change without notice.

Catalog # **E & F** Project: _____
Prepared By: _____ Date: _____ Type: _____

Scottsdale Vertex SCV Petroleum

Outdoor LED Area Light

ORDERING GUIDE

Back to Quick Links

TYPICAL ORDER EXAMPLE: **SCV LED 13L SC UNV DIM 50 WHT IMBS72**

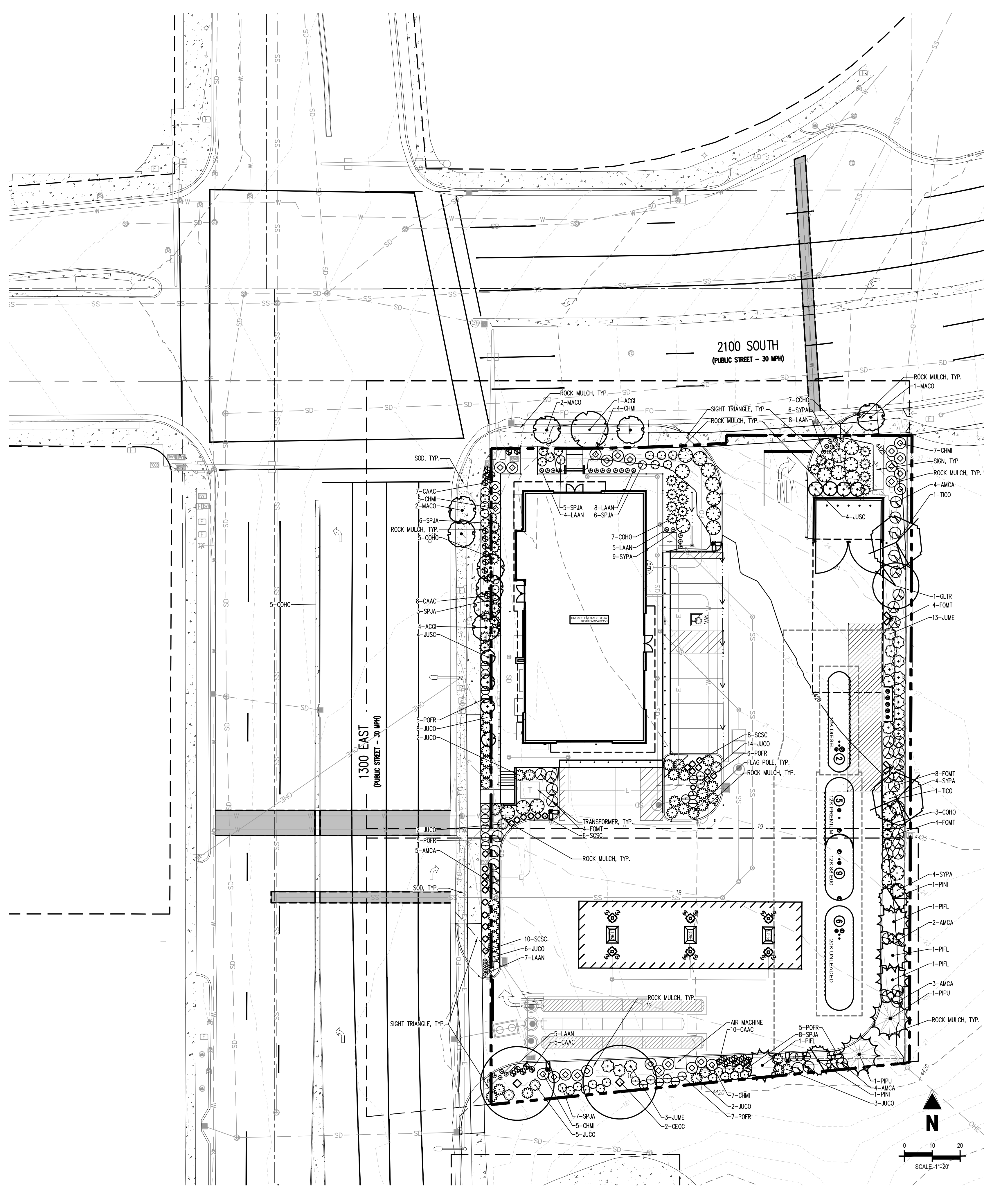
Family	Light Package	Lumen Package	Base	Standard	Voltage	Driver	Color Temperature	Finish	Options
SCV Petroleum (Canopy Luminaire)	13L	13000 Lumens	SC - Standard Symmetric	UNV - Universal Voltage (120-277V)	50W	50W (0-10V dimming)	5000K	White	IMBS72 - Integral Bluetooth™ Motion and Protocol Sensor (24" mounting height)

Accessories Ordering Information

Description	Part Number	Description	Part Number
Mounting Pole (6' - 12' (2.74m - 3.66m) w/ 1" (25.4mm) dia. galv. steel pipe)	675092	Adjuster Bolt	301461
Mounting Pole (12' - 15' (3.66m - 4.57m) w/ 1 1/2" (38.1mm) dia. galv. steel pipe)	675092	4" - 1/2" Hex Nut and Washer (length for 24" mounting)	103940
Mounting Pole (15' - 20' (4.57m - 6.10m) w/ 2" (50.8mm) dia. galv. steel pipe)	675092	Receptor to Pole (4 includes 4 pole and adjust)	61029294
Mounting Pole (20' - 25' (6.10m - 7.62m) w/ 2 1/2" (63.5mm) dia. galv. steel pipe)	675092	Surface Mount Base	675092
Mounting Pole (25' - 30' (7.62m - 9.14m) w/ 3" (76.2mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (30' - 35' (9.14m - 10.67m) w/ 3 1/2" (88.9mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (35' - 40' (10.67m - 12.19m) w/ 4" (101.6mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (40' - 45' (12.19m - 13.72m) w/ 4 1/2" (114.3mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (45' - 50' (13.72m - 15.24m) w/ 5" (127mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (50' - 55' (15.24m - 16.77m) w/ 5 1/2" (139.7mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (55' - 60' (16.77m - 18.29m) w/ 6" (152.4mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (60' - 65' (18.29m - 19.81m) w/ 6 1/2" (165.1mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (65' - 70' (19.81m - 21.34m) w/ 7" (177.8mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (70' - 75' (21.34m - 22.87m) w/ 7 1/2" (190.5mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (75' - 80' (22.87m - 24.39m) w/ 8" (203.2mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (80' - 85' (24.39m - 25.91m) w/ 8 1/2" (215.9mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (85' - 90' (25.91m - 27.44m) w/ 9" (228.6mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (90' - 95' (27.44m - 28.96m) w/ 9 1/2" (241.3mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (95' - 100' (28.96m - 30.48m) w/ 10" (254mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (100' - 105' (30.48m - 31.99m) w/ 10 1/2" (266.7mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (105' - 110' (31.99m - 33.51m) w/ 11" (279.4mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (110' - 115' (33.51m - 35.03m) w/ 11 1/2" (292.1mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (115' - 120' (35.03m - 36.55m) w/ 12" (304.8mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (120' - 125' (36.55m - 38.07m) w/ 12 1/2" (317.5mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (125' - 130' (38.07m - 39.59m) w/ 13" (330.2mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (130' - 135' (39.59m - 41.11m) w/ 13 1/2" (342.9mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (135' - 140' (41.11m - 42.63m) w/ 14" (355.6mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (140' - 145' (42.63m - 44.15m) w/ 14 1/2" (368.3mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (145' - 150' (44.15m - 45.67m) w/ 15" (381mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (150' - 155' (45.67m - 47.19m) w/ 15 1/2" (393.7mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (155' - 160' (47.19m - 48.71m) w/ 16" (406.4mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (160' - 165' (48.71m - 50.23m) w/ 16 1/2" (419.1mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (165' - 170' (50.23m - 51.75m) w/ 17" (431.8mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (170' - 175' (51.75m - 53.27m) w/ 17 1/2" (444.5mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (175' - 180' (53.27m - 54.79m) w/ 18" (457.2mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (180' - 185' (54.79m - 56.31m) w/ 18 1/2" (469.9mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (185' - 190' (56.31m - 57.83m) w/ 19" (482.6mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (190' - 195' (57.83m - 59.35m) w/ 19 1/2" (495.3mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (195' - 200' (59.35m - 60.87m) w/ 20" (508mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (200' - 205' (60.87m - 62.39m) w/ 20 1/2" (520.7mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (205' - 210' (62.39m - 63.91m) w/ 21" (533.4mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (210' - 215' (63.91m - 65.43m) w/ 21 1/2" (546.1mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (215' - 220' (65.43m - 66.95m) w/ 22" (558.8mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (220' - 225' (66.95m - 68.47m) w/ 22 1/2" (571.5mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (225' - 230' (68.47m - 69.99m) w/ 23" (584.2mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (230' - 235' (69.99m - 71.51m) w/ 23 1/2" (596.9mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (235' - 240' (71.51m - 73.03m) w/ 24" (609.6mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (240' - 245' (73.03m - 74.55m) w/ 24 1/2" (622.3mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (245' - 250' (74.55m - 76.07m) w/ 25" (635mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (250' - 255' (76.07m - 77.59m) w/ 25 1/2" (647.7mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (255' - 260' (77.59m - 79.11m) w/ 26" (660.4mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (260' - 265' (79.11m - 80.63m) w/ 26 1/2" (673.1mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (265' - 270' (80.63m - 82.15m) w/ 27" (685.8mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (270' - 275' (82.15m - 83.67m) w/ 27 1/2" (698.5mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (275' - 280' (83.67m - 85.19m) w/ 28" (711.2mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (280' - 285' (85.19m - 86.71m) w/ 28 1/2" (723.9mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (285' - 290' (86.71m - 88.23m) w/ 29" (736.6mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (290' - 295' (88.23m - 89.75m) w/ 29 1/2" (749.3mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (295' - 300' (89.75m - 91.27m) w/ 30" (762mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (300' - 305' (91.27m - 92.79m) w/ 30 1/2" (774.7mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (305' - 310' (92.79m - 94.31m) w/ 31" (787.4mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (310' - 315' (94.31m - 95.83m) w/ 31 1/2" (800.1mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (315' - 320' (95.83m - 97.35m) w/ 32" (812.8mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (320' - 325' (97.35m - 98.87m) w/ 32 1/2" (825.5mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (325' - 330' (98.87m - 100.39m) w/ 33" (838.2mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (330' - 335' (100.39m - 101.91m) w/ 33 1/2" (850.9mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (335' - 340' (101.91m - 103.43m) w/ 34" (863.6mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (340' - 345' (103.43m - 104.95m) w/ 34 1/2" (876.3mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (345' - 350' (104.95m - 106.47m) w/ 35" (889mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (350' - 355' (106.47m - 107.99m) w/ 35 1/2" (901.7mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (355' - 360' (107.99m - 109.51m) w/ 36" (914.4mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (360' - 365' (109.51m - 111.03m) w/ 36 1/2" (927.1mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (365' - 370' (111.03m - 112.55m) w/ 37" (939.8mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (370' - 375' (112.55m - 114.07m) w/ 37 1/2" (952.5mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (375' - 380' (114.07m - 115.59m) w/ 38" (965.2mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (380' - 385' (115.59m - 117.11m) w/ 38 1/2" (977.9mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (385' - 390' (117.11m - 118.63m) w/ 39" (990.6mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (390' - 395' (118.63m - 120.15m) w/ 39 1/2" (1003.3mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (395' - 400' (120.15m - 121.67m) w/ 40" (1016mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (400' - 405' (121.67m - 123.19m) w/ 40 1/2" (1028.7mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (405' - 410' (123.19m - 124.71m) w/ 41" (1041.4mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (410' - 415' (124.71m - 126.23m) w/ 41 1/2" (1054.1mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (415' - 420' (126.23m - 127.75m) w/ 42" (1066.8mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (420' - 425' (127.75m - 129.27m) w/ 42 1/2" (1079.5mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (425' - 430' (129.27m - 130.79m) w/ 43" (1092.2mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (430' - 435' (130.79m - 132.31m) w/ 43 1/2" (1104.9mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (435' - 440' (132.31m - 133.83m) w/ 44" (1117.6mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (440' - 445' (133.83m - 135.35m) w/ 44 1/2" (1130.3mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (445' - 450' (135.35m - 136.87m) w/ 45" (1143mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (450' - 455' (136.87m - 138.39m) w/ 45 1/2" (1155.7mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (455' - 460' (138.39m - 139.91m) w/ 46" (1168.4mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (460' - 465' (139.91m - 141.43m) w/ 46 1/2" (1181.1mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (465' - 470' (141.43m - 142.95m) w/ 47" (1193.8mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (470' - 475' (142.95m - 144.47m) w/ 47 1/2" (1206.5mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (475' - 480' (144.47m - 145.99m) w/ 48" (1219.2mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (480' - 485' (145.99m - 147.51m) w/ 48 1/2" (1231.9mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (485' - 490' (147.51m - 149.03m) w/ 49" (1244.6mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (490' - 495' (149.03m - 150.55m) w/ 49 1/2" (1257.3mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292
Mounting Pole (495' - 500' (150.55m - 152.07m) w/ 50" (1270mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	610292

Accessories

Description	Part Number	Description	Part Number
Mounting Pole (6' - 12' (2.74m - 3.66m) w/ 1" (25.4mm) dia. galv. steel pipe)	675092	Adjuster Bolt	301461
Mounting Pole (12' - 15' (3.66m - 4.57m) w/ 1 1/2" (38.1mm) dia. galv. steel pipe)	675092	4" - 1/2" Hex Nut and Washer (length for 24" mounting)	103940
Mounting Pole (15' - 20' (4.57m - 6.10m) w/ 2" (50.8mm) dia. galv. steel pipe)	675092	Receptor to Pole (4 includes 4 pole and adjust)	61029294
Mounting Pole (20' - 25' (6.10m - 7.62m) w/ 2 1/2" (63.5mm) dia. galv. steel pipe)	675092	Surface Mount Base	675092
Mounting Pole (25' - 30' (7.62m - 9.14m) w/ 3" (76.2mm) dia. galv. steel pipe)	675092	Anchor - Concrete (4)	61029



PLANTING LEGEND

QTY	LEGEND	BOTANIC NAME	COMMON NAME	PLANTING SIZE (MINIMUM)	MATURE SIZE	WATER USE (V,L,L,M,H)	SUN/SHADE
DECIDUOUS TREES							
2	CEOC	CELTIS OCCIDENTALIS	COMMON HACKBERRY	2" CAL. B&B	60'X40'	L	SUN/PART SHADE
1	GLTR	GLEDTISIA TRIACANTHOS 'INERMIS 'IMPERIAL'	IMPERIAL HONEYLOCUST	2" CAL. B&B	35'X25'	L	SUN
2	TICO	TILIA CORDATA	LITTLELEAF LINDEN	2" CAL. B&B	40'X30'	M	SUN/PART SHADE
EVERGREEN TREES							
2	PIPU	PICEA PUNGENS	COLORADO BLUE SPRUCE	6" HEIGHT B&B	60'X25'	L	SUN/PART SHADE
4	PIFL	PINUS FLEXILIS 'VANDERWOLF'S PYRAMID'	LIMBER PINE	6" HEIGHT B&B	20'X10'	M	SUN/PART SHADE
2	PINI	PINUS NIGRA	AUSTRIAN PINE	6" HEIGHT B&B	50'X20'	L	SUN/PART SHADE
UPRIGHT JUNIPERS							
8	JUSC	JUNIPERUS SCOPULORUM 'MOONGLOW'	MOONGLOW JUNIPER	#5 CONT. 3" HEIGHT	20'X5'	VL	SUN
ORNAMENTAL TREES							
10	ACGI	ACER GINNALA 'FLAME'	FLAME GINNALA MAPLE	1.5" CAL. B&B	20'X20'	L/M	SUN/PART SHADE
5	MACO	MALUS 'CORALBURST'	CORALBURST CRABAPPLE	1.5" CAL. B&B	12'X10'	L	SUN
DECIDUOUS SHRUBS							
18	AMCA	AMORPHA CANESCENS	LEADPLANT	#5 CONT. 18-24"	4'X4'	VL	SUN
27	CHMI	CHAMAEBATIARA MILLEFOLIUM	FERNBUSH	#5 CONT. 18-24"	4'X4'	VL	SUN
20	FOMT	FOTHERGILLA 'MT. AIRY'	DWARF FOTHERGILLA	#5 CONT. 18-24"	5'X4'	M	SUN/PART SHADE
33	POFR	POTENTILLA FRUTICOSA 'TANGERINE'	TANGERINE POTENTILLA	#5 CONT. 18-24"	2'X3'	L/M	SUN/PART SHADE
35	SPJA	SPIREA JAPONICA 'NEON FLASH'	NEON FLASH SPIREA	#5 CONT. 18-24"	3'X3'	L/M	SUN
26	SYPA	SYRINGA PATULA 'MISS KIM'	MISS KIM LILAC	#5 CONT. 18-24"	5'X5'	VL	SUN/PART SHADE
EVERGREEN SHRUBS							
27	COHO	COTONEASTER HORIZONTALIS	ROCK COTONEASTER	#5 CONT. 18-24"	2'X4'	M	SUN/PART SHADE
40	JUCO	JUNIPERUS COMMUNIS 'MONDAP'	ALPINE CARPET JUNIPER	#5 CONT. 18-24"	8'X4'	L	SUN/PART SHADE
16	JUME	JUNIPERUS X MEDIA 'OLD GOLD'	OLD GOLD JUNIPER	#5 CONT. 18-24"	3'X4'	VL	SUN/PART SHADE
ORNAMENTAL GRASSES							
30	CAAC	CALAMAGROSTIS ACUTIFLORA 'KARL FOERSTER'	FEATHER REED GRASS	#1 CONT. 5'X2'		L	SUN
24	SCSC	SCHIZACHYRIUM SCOPARIUM	LITTLE BLUESTEM	#1 CONT. 3'X2'		VL	SUN
PERENNIALS							
37	LAAN	LAVANDULA ANGUSTIFOLIA 'MUNSTEAD'	ENGLISH LAVENDER	#1 CONT. 18"X18"		VL	SUN
MISC.							
626 SF	FESCUE SOD	RTF (RHIZOMATOUS TALL FESCUE)	SOD			M	
7,178 SF	ROCK COBBLE MULCH	2"-4" ROCK COBBLE MULCH WITH WOOD MULCH RING AROUND ALL PLANT MATERIAL, SEE PLANTING NOTES & DETAILS	MULCH			NA	
AS NEEDED	WOOD MULCH	DARK BROWN SHREDDED HARDWOOD MULCH	MULCH			NA	

LANDSCAPE CALCULATIONS

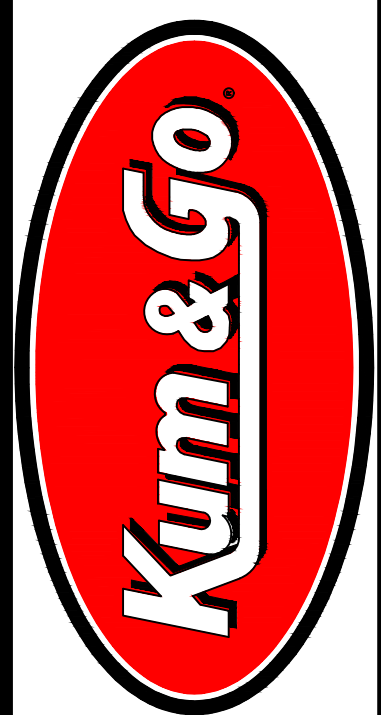
LANDSCAPE CODE	FORMULA	LENGTH	REQUIRED	PROVIDED
21A.48.080 LANDSCAPE BUFFER	1 TREE PER 30 LF	225 LF - EAST 150 LF - SOUTH	8 TREES - EAST 5 TREES - SOUTH	8 TREES - EASTERN BUFFER 5 TREES - SOUTHERN BUFFER
21A.48.060 PARKING STRIP LANDSCAPING	1 TREE PER 30 LF OF STREET FRONTAGE.	120 LF - 2100 S 235 LF - 1300 E	4 TREES - 2100 S 8 TREES - 1300 E	4 TREES* 11 TREES*

*DUE TO UTILITY CONFLICTS IN THE PARK STRIP, TREES REQUIRED FOR PARK STRIP LANDSCAPING HAVE BEEN RELOCATED TO THE BACK OF THE PEDESTRIAN WALK AND OVERLAP WITH THE BUFFER REQUIREMENT.

CAUTION
UTILITIES EXIST WITHIN CONSTRUCTION LIMITS. CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING THEIR LOCATION PRIOR TO CONSTRUCTION.

- UTILITY NOTES**
- THE LANDSCAPE CONTRACTOR IS REQUIRED TO CONTACT THE COUNTY PUBLIC WORKS DEPARTMENT, AND ANY OTHER PUBLIC OR PRIVATE AGENCY NECESSARY FOR UTILITY LOCATION PRIOR TO ANY CONSTRUCTION.
 - THIS DRAWING IS A PART OF A COMPLETE SET OF BID DOCUMENTS, SPECIFICATIONS, ADDITIONAL DRAWINGS, AND EXHIBITS. UNDER NO CIRCUMSTANCES SHOULD THESE PLANS BE USED FOR CONSTRUCTION PURPOSES WITHOUT EXAMINING ACTUAL LOCATIONS OF UTILITIES ON SITE, AND REVIEWING ALL RELATED DOCUMENTS.
 - THE LOCATION OF THE ALL UNDERGROUND UTILITIES ARE LOCATED ON THE ENGINEERING DRAWINGS FOR THIS PROJECT. THE MOST CURRENT REVISION IS HERE IN MADE PART OF THIS DOCUMENT. UNDERGROUND UTILITIES EXIST THROUGHOUT THIS SITE AND MUST BE LOCATED PRIOR TO ANY CONSTRUCTION ACTIVITY. WHERE UNDERGROUND UTILITIES EXIST, FIELD ADJUSTMENT MAY BE NECESSARY AND MUST BE APPROVED BY A REPRESENTATIVE OF THE OWNER. NEITHER THE OWNER NOR THE LANDSCAPE ARCHITECT ASSUMES ANY RESPONSIBILITY WHATSOEVER, IN RESPECT TO THE CONTRACTORS ACCURACY IN LOCATING THE INDICATED PLANT MATERIAL, AND UNDER NO CIRCUMSTANCES SHOULD THESE PLANS BE USED WITHOUT REFERENCING THE ABOVE MENTIONED DOCUMENTS.

- ADDITIONAL NOTES**
- TREES ARE REQUIRED TO BE PLANTED ON THE NORTH AND WEST SIDE OF THE SITE ALONG 2100 SOUTH STREET AND 1300 WEST STREET, REGARDLESS OF PROXIMITY TO FIBER OPTIC UTILITY LINES. AGAINST THE RECOMMENDATION OF THE LANDSCAPE ARCHITECT.
 - LANDSCAPE CONTRACTOR IS TO HAND EXCAVATE THE AREA FOR STREET TREES TO BE PLANTED IN PROXIMITY TO UTILITY LINES WITH EXTREME CAUTION. REFER TO UTILITY NOTES ABOVE FOR RESPONSIBILITY AND LOCATION.



REVISION DESCRIPTION	DATE

PLANTING NOTES

- GENERAL**
- ALL WORK SHALL CONFORM TO ALL APPLICABLE STATE AND LOCAL CODES, STANDARDS, AND SPECIFICATIONS.
 - LANDSCAPE DESIGN IS DIAGRAMMATIC IN NATURE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN TAKEOFFS AND QUANTITY CALCULATIONS. IN THE EVENT OF A DISCREPANCY BETWEEN THE PLAN AND THE LANDSCAPE LEGEND, THE PLANT QUANTITY AS SHOWN ON THE PLAN SHALL TAKE PRECEDENCE AND NOTIFY THE LANDSCAPE ARCHITECT OF THESE DISCREPANCIES. MINOR ADJUSTMENTS TO THE LANDSCAPE MATERIAL AND LOCATIONS MAY BE PROPOSED FOR CITY CONSIDERATION AT THE CONSTRUCTION DOCUMENT STAGE TO RESPOND TO MARKET AND FIELD CONDITIONS. HOWEVER, THERE SHALL BE NO REDUCTION IN THE NUMBER AND SIZE OF MATERIALS.
 - CONTRACTOR SHALL MAKE HIMSELF AWARE OF THE LOCATIONS OF EXISTING AND PROPOSED UTILITIES, AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE UTILITIES AND/OR ANY INJURY TO ANY PERSON. THIS DRAWING IS PART OF A COMPLETE SET OF CONTRACT DOCUMENTS. UNDER NO CIRCUMSTANCES SHOULD THIS PLAN BE USED FOR CONSTRUCTION PURPOSES WITHOUT EXAMINING ACTUAL LOCATIONS OF UTILITIES ON SITE AND REVIEW ALL RELATED PLANS AND DOCUMENTS.
 - ALL UTILITY EASEMENTS SHALL REMAIN UNOBSTRUCTED AND FULLY ACCESSIBLE ALONG THEIR ENTIRE LENGTH FOR MAINTENANCE EQUIPMENT.
 - THE CONTRACTOR SHALL TAKE EXTREME CARE NOT TO DAMAGE ANY EXISTING PLANTS INDICATED AS "TO REMAIN". ANY SUCH PLANTS DAMAGED BY THE CONTRACTOR SHALL BE REPLACED WITH THE SAME SPECIES, SIZE, AND QUANTITY AT THE CONTRACTOR'S OWN EXPENSE, AND AS ACCEPTABLE TO THE OWNER. REFER TO THE TREE PROTECTION NOTES ON THE PLANS (AS APPLICABLE).
 - LANDSCAPE CONTRACTOR SHALL EXAMINE THE SITE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED AND NOTIFY THE GENERAL CONTRACTOR IN WRITING OF UNSATISFACTORY CONDITIONS. IF SITE CONDITIONS OR PLANT AVAILABILITY REQUIRE CHANGES TO THE PLAN, THEN AN APPROVAL WILL BE OBTAINED FROM THE CITY. DO NOT PROCEED UNTIL CONDITIONS HAVE BEEN CORRECTED.
 - ALL CONSTRUCTION DEBRIS AND MATERIAL SHALL BE REMOVED AND CLEANED OUT PRIOR TO INSTALLATION OF TOPSOIL, TREES, SHRUBS, AND TURF.
 - FOR ALL INFORMATION ON SURFACE MATERIAL OF WALKS, DRIVES, AND PARKING LOTS, SEE THE SITE PLAN. SEE PHOTOMETRIC PLAN FOR FREE STANDING LIGHTING INFORMATION.
 - THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT ONE WEEK PRIOR TO BEGINNING CONSTRUCTION.
 - WINTER WATERING SHALL BE AT THE EXPENSE OF THE CONTRACTOR UNTIL SUCH TIME AS FINAL ACCEPTANCE IS RECEIVED.
 - ALL LANDSCAPE CONSTRUCTION PRACTICES, WORKMANSHIP, AND ETHICS SHALL, BE IN ACCORDANCE WITH INDUSTRY STANDARDS IN THE STATE OF UTAH.
 - LANDSCAPE AND IRRIGATION WORK SHALL BE COMPLETED PRIOR TO THE ISSUANCE OF THE FINAL CERTIFICATE OF OCCUPANCY.
- FINISH GRADING AND SOIL PREPARATION**
- CONTRACTOR SHALL CONSTRUCT AND MAINTAIN FINISH GRADES AS RECOMMENDED BY THE GEOTECHNICAL REPORT. ALL LANDSCAPE AREAS SHALL HAVE POSITIVE DRAINAGE AWAY FROM STRUCTURES AT THE MINIMUM SLOPE SPECIFIED IN THE REPORT, AND AREAS OF POTENTIAL PONDING SHALL BE REGRADED TO BLEND IN WITH THE SURROUNDING GRADES AND ELIMINATE PONDING POTENTIAL. SHOULD ANY CONFLICTS AND/OR DISCREPANCIES ARISE BETWEEN THE GEOTECHNICAL REPORT, THE GRADING PLANS, THESE NOTES, AND ACTUAL CONDITIONS, THE CONTRACTOR SHALL IMMEDIATELY BRING SUCH ITEMS TO THE ATTENTION OF THE LANDSCAPE ARCHITECT AND OWNER.
 - AFTER FINISH GRADES HAVE BEEN ESTABLISHED, IT IS RECOMMENDED THAT THE CONTRACTOR SHALL HAVE SOIL SAMPLES TESTED BY AN ESTABLISHED SOIL TESTING LABORATORY FOR THE FOLLOWING: GENERAL SOIL FERTILITY, PH, ORGANIC MATTER CONTENT, SALT (CEC), LIME, SODIUM ADSORPTION RATIO (SAR) AND BORON CONTENT. EACH SAMPLE SUBMITTED SHALL CONTAIN NO LESS THAN ONE QUART OF SOIL. CONTRACTOR SHALL ALSO SUBMIT THE PROJECT'S PLANT LIST TO THE LABORATORY ALONG WITH THE SOIL SAMPLES. THE SOIL REPORT PRODUCED BY THE LABORATORY SHALL CONTAIN RECOMMENDATIONS FOR THE FOLLOWING (AS APPROPRIATE): GENERAL SOIL PREPARATION AND BACKFILL MIXES, PRE-PLANT FERTILIZER APPLICATIONS, AND ANY OTHER SOIL RELATED ISSUES. THE REPORT SHALL ALSO PROVIDE A FERTILIZER PROGRAM FOR THE ESTABLISHMENT PERIOD AND FOR LONG-TERM MAINTENANCE.
 - THE CONTRACTOR SHALL RECOMMEND INSTALLATION OF SOIL AMENDMENTS AND FERTILIZERS PER THE SOILS REPORT FOR THE OWNER/OWNER'S REPRESENTATIVE CONSIDERATION.
 - AT A MINIMUM, ALL TOPSOIL SHALL BE AMENDED WITH NITROGEN STABILIZED ORGANIC AMENDMENT COMPOST AT A RATE OF 5.0 CUBIC YARDS AND AMMONIUM PHOSPHATE 16-20-0 AT A RATE OF 15 POUNDS PER THOUSAND SQUARE FEET OF LANDSCAPE AREA. COMPOST SHALL BE MECHANICALLY INTEGRATED INTO THE TOP 6" OF SOIL BY MEANS OF ROTOTILLING AFTER CROSS-RIPPING. GROUND COVER & PERENNIAL BED AREAS SHALL BE AMENDED AT A RATE OF 8 CUBIC FEET PER THOUSAND SQUARE FEET OF NITROGEN STABILIZED ORGANIC AMENDMENT AND 10 LBS. OF 12-12-12

CAUTION
UTILITIES EXIST WITHIN CONSTRUCTION LIMITS.
CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING
THEIR LOCATION PRIOR TO CONSTRUCTION.

UTILITY NOTES

- THE LANDSCAPE CONTRACTOR IS REQUIRED TO CONTACT THE COUNTY PUBLIC WORKS DEPARTMENT, AND ANY OTHER PUBLIC OR PRIVATE AGENCY NECESSARY FOR UTILITY LOCATION PRIOR TO ANY CONSTRUCTION.
- THIS DRAWING IS A PART OF A COMPLETE SET OF BID DOCUMENTS, SPECIFICATIONS, ADDITIONAL DRAWINGS, AND EXHIBITS. UNDER NO CIRCUMSTANCES SHOULD THESE PLANS BE USED FOR CONSTRUCTION PURPOSES WITHOUT EXAMINING ACTUAL LOCATIONS OF UTILITIES ON SITE, AND REVIEWING ALL RELATED DOCUMENTS.
- THE LOCATION OF THE ALL UNDERGROUND UTILITIES ARE LOCATED ON THE ENGINEERING DRAWINGS FOR THIS PROJECT. THE MOST CURRENT REVISION IS HEREIN MADE PART OF THIS DOCUMENT. UNDERGROUND UTILITIES EXIST THROUGHOUT THIS SITE AND MUST BE LOCATED PRIOR TO ANY CONSTRUCTION ACTIVITY. WHERE UNDERGROUND UTILITIES EXIST, FIELD ADJUSTMENT MAY BE NECESSARY AND MUST BE APPROVED BY A REPRESENTATIVE OF THE OWNER. NEITHER THE OWNER NOR THE LANDSCAPE ARCHITECT ASSUMES ANY RESPONSIBILITY WHATSOEVER, IN RESPECT TO THE CONTRACTORS ACCURACY IN LOCATING THE INDICATED PLANT MATERIAL, AND UNDER NO CIRCUMSTANCES SHOULD THESE PLANS BE USED WITHOUT REFERENCING THE ABOVE MENTIONED DOCUMENTS.

FERTILIZER PER CU. YD., ROTOTILLED TO A DEPTH OF 8". NO MANURE OR ANIMAL-BASED PRODUCTS SHALL BE USED FOR ORGANIC AMENDMENTS.

PLANTING

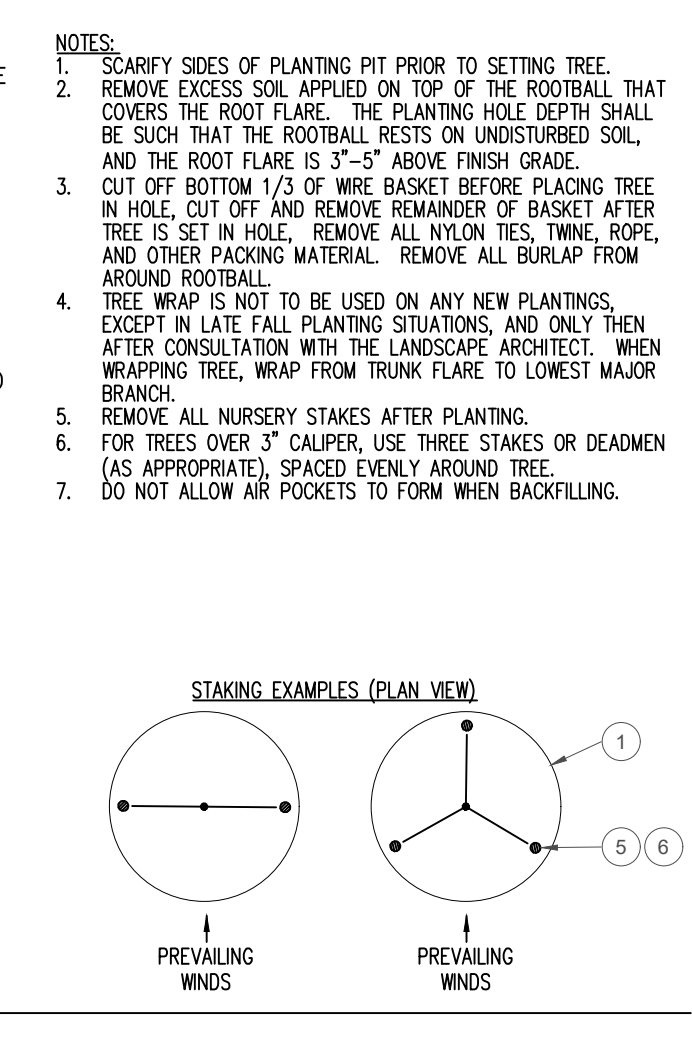
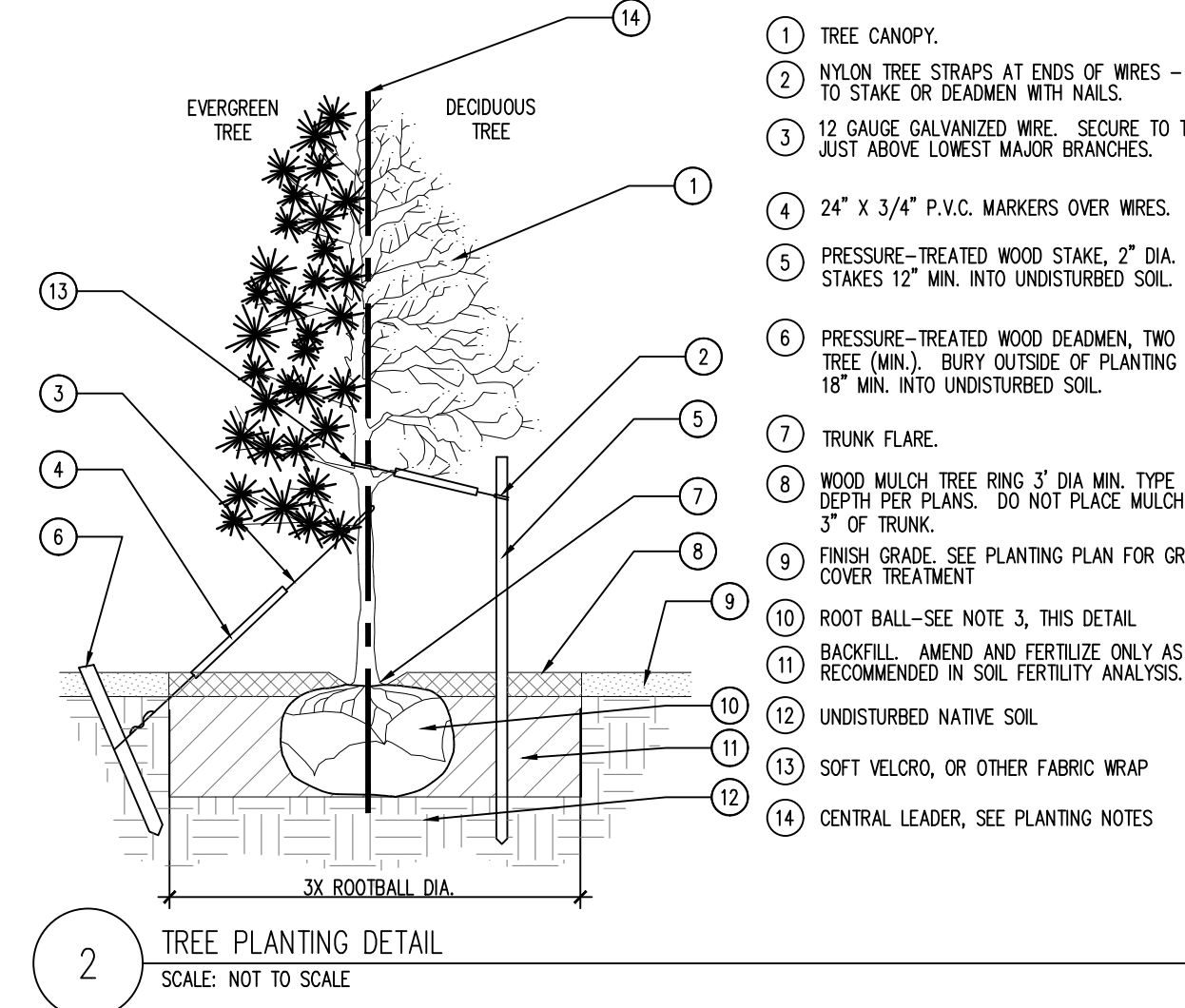
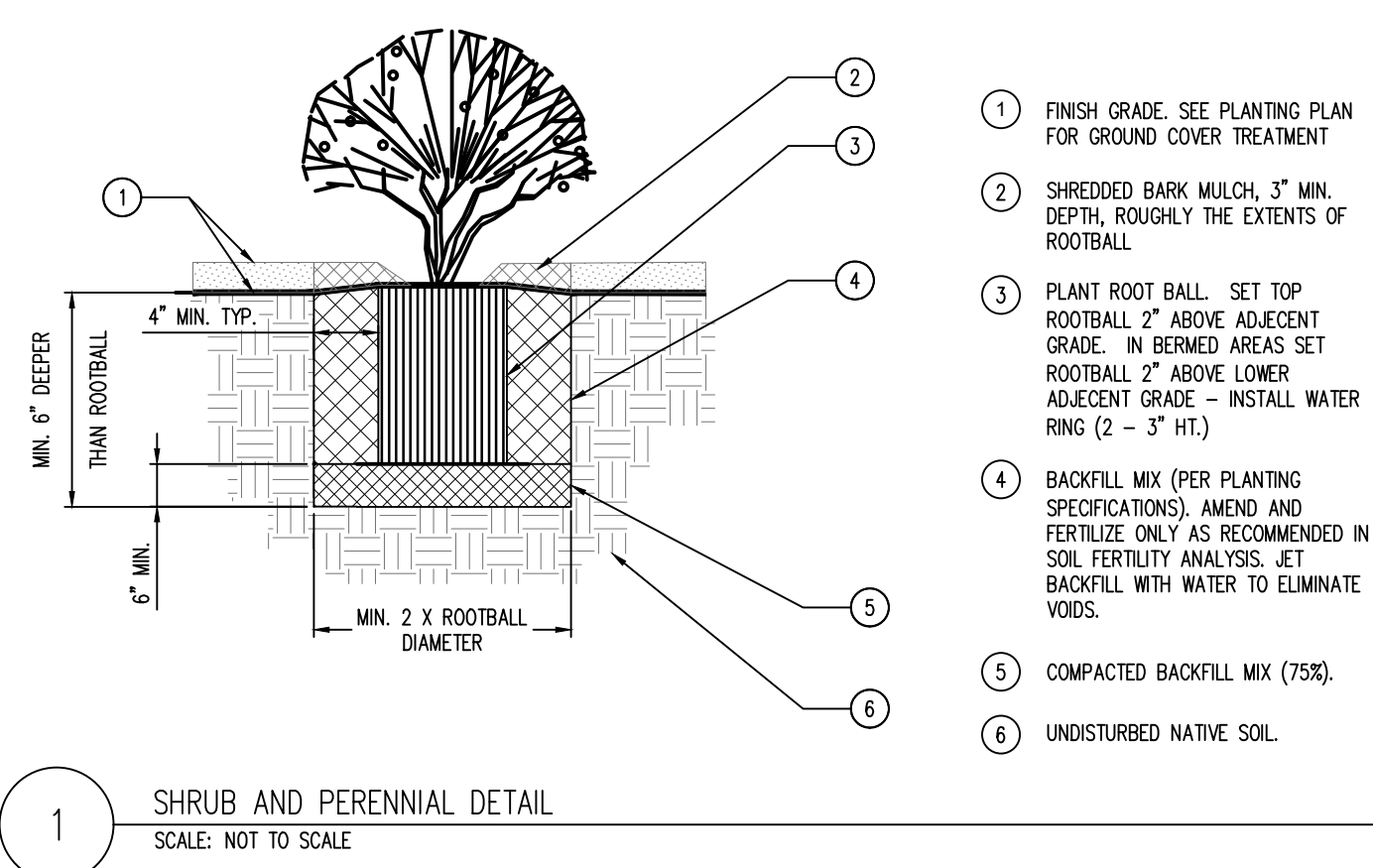
- ALL DECIDUOUS TREES SHALL HAVE FULL, WELL-SHAPED HEADS/ALL EVERGREENS SHALL BE UNSHEARED AND FULL TO THE GROUND; UNLESS OTHERWISE SPECIFIED. TREES WITH CENTRAL LEADERS WILL NOT BE ACCEPTED IF LEADER IS DAMAGED OR REMOVED. PRUNE ALL DAMAGED TWIGS AFTER PLANTING.
 - ALL PLANTS WITHIN A SPECIES SHALL HAVE SIMILAR SIZE, AND SHALL BE OF A FORM TYPICAL FOR THE SPECIES. ANY PLANT DEEMED UNACCEPTABLE BY THE LANDSCAPE ARCHITECT SHALL BE IMMEDIATELY REMOVED FROM THE SITE AND SHALL BE REPLACED WITH AN ACCEPTABLE PLANT OF LIKE TYPE AND SIZE AT THE CONTRACTOR'S OWN EXPENSE. ANY PLANTS APPEARING TO BE UNHEALTHY, EVEN IF DETERMINED TO STILL BE ALIVE, SHALL NOT BE ACCEPTED. THE LANDSCAPE ARCHITECT SHALL BE THE SOLE JUDGE AS TO THE ACCEPTABILITY OF PLANT MATERIAL.
 - ALL TREES SHALL BE CUYED AND WOOD STAKED AS PER DETAILS. NO "T-STAKES" SHALL BE USED FOR TREES.
 - ALL PLANT MATERIALS SHALL BE TRUE TO TYPE, SIZE, SPECIES, QUALITY, AND FREE OF INJURY, BROKEN ROOT BALLS, PESTS, AND DISEASES, AS WELL AS CONFORM TO THE MINIMUM REQUIREMENTS DESCRIBED IN THE "AMERICAN STANDARD FOR NURSERY STOCK". FOLLOW GREENCO TREE PLANTING RECOMMENDATIONS FOR MINIMUM QUALITY REQUIREMENTS FOR TREES.
 - ALL TREE AND SHRUB BED LOCATIONS ARE TO BE STAKED OUT ON SITE FOR APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
 - ALL TREES PLANTED ADJACENT TO PUBLIC AND/OR PEDESTRIAN WALKWAYS SHALL BE PRUNED CLEAR OF ALL BRANCHES BETWEEN GROUND AND A HEIGHT OF EIGHT (8) FEET FOR THAT PORTION OF THE PLAN LOCATED OVER THE SIDEWALK AND/OR ROAD.
 - ALL PLANT MATERIAL SHALL NOT BE PLANTED PRIOR TO INSTALLATION OF TOPSOIL.
 - ALL PLANT BEDS SHALL BE CONTAINED WITH STEEL EDGER. STEEL EDGER IS NOT REQUIRED ALONG CURBS, WALKS OR BUILDING FOUNDATIONS. ALL EDGING SHALL OVERLAP AT JOINTS A MINIMUM OF 6-INCHES, AND SHALL BE FASTENED WITH A MINIMUM OF 4 PINS PER EACH 10 FOOT SECTION. THE TOP OF ALL EDGING MATERIAL SHALL BE A ROLLED TOP AND 1/2 INCH ABOVE THE FINISHED GRADE OF ADJACENT LAWN OR MULCH AREAS. COLOR: BLACK.
 - THE DEVELOPER, HIS SUCCESSOR, OR ASSIGNEE SHALL BE RESPONSIBLE FOR ESTABLISHING AND CONTINUING A REGULAR PROGRAM OF MAINTENANCE FOR ALL LANDSCAPED AREAS. SEE LANDSCAPE GUARANTEE AND MAINTENANCE NOTE.
 - A 3-FOOT CLEAR SPACE SHALL BE MAINTAINED AROUND THE CIRCUMFERENCE OF ALL FIRE HYDRANTS.
 - LANDSCAPE CONTRACTOR TO SUBMIT SAMPLES OF MISCELLANEOUS LANDSCAPING MATERIALS TO THE LANDSCAPE ARCHITECTS AND OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO INSTALLATION, I.E.; MULCH, EDGER, LANDSCAPE FABRIC, ETC.
- MULCHING**
- AFTER ALL PLANTING IS COMPLETE, THE CONTRACTOR SHALL INSTALL A MINIMUM 4" THICK LAYER OF MULCH AS SPECIFIED IN THE PLANTING LEGEND. INSTALL A 4" THICK RING OF DOUBLE SHREDED CEDAR BARK MULCH AROUND ALL PLANT MATERIAL IN ROCK MULCH BEDS WHERE LANDSCAPING IS SHOWN ON THE PLANS. WOOD MULCH RING SIZE SHALL BE THE CONTAINER SIZE OF THE SHRUBS, PERENNIALS, AND ORNAMENTAL GRASSES. TREE RING SIZE SHALL BE GREEN INDUSTRIES OF COLORADO INDUSTRY STANDARD WIDTH.
 - ALL MULCH SHALL BE HARVESTED IN A SUSTAINABLE MANNER FROM A LOCAL SOURCE.
 - INSTALL DENTIT PRO-5 NEED BARRIER FABRIC UNDER ALL ROCK MULCH SHRUB BEDS SPECIFIED ON THE PLANS ONLY. NO LANDSCAPE FABRIC SHALL BE USED IN WOOD MULCH AREAS. NO PLASTIC NEED BARRIERS SHALL BE SPECIFIED.
 - ABSOLUTELY NO EXPOSED GROUND SHALL BE LEFT SHOWING ANYWHERE ON THE PROJECT AFTER MULCH HAS BEEN INSTALLED.
 - ALL PLANTING AREAS WITH LESS THAN A 4:1 GRADIENT SHALL RECEIVE A LAYER OF MULCH, TYPE AND DEPTH PER PLANS. SUBMIT 1 CUBIC FOOT SAMPLE OF MULCH (ONE SAMPLE PER TYPE) TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION. THE MULCH SHALL BE SPREAD EVENLY THROUGHOUT ALL PLANTING AREAS EXCEPT SLOPES 4:1 OR STEEPER, OR AS OTHERWISE DENOTED ON THE PLAN. ABSOLUTELY NO EXPOSED GROUND SHALL REMAIN IN AREAS TO RECEIVE MULCH AFTER MULCH HAS BEEN INSTALLED.
 - ALL PLANTING AREAS ON SLOPES OVER 4:1 SHALL RECEIVE COCONUT FIBER EROSION CONTROL NETTING FROM ROLLS. NETTING SHALL BE JCT-125, AS MANUFACTURED BY NORTH AMERICAN GREEN (OR EQUAL). INSTALL AND STAKE PER MANUFACTURER'S SPECIFICATIONS. SEE ALSO THE CIVIL ENGINEER'S EROSION CONTROL PLAN.

IRRIGATION CONCEPT

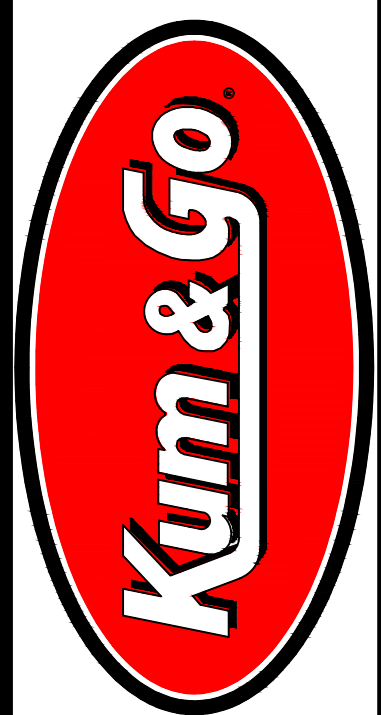
- AN AUTOMATIC IRRIGATION SYSTEM SHALL BE INSTALLED AND OPERATIONAL BY THE TIME OF FINAL INSPECTION. THE ENTIRE IRRIGATION SYSTEM SHALL BE INSTALLED BY A QUALIFIED IRRIGATION CONTRACTOR.
- THE IRRIGATION SYSTEM WILL HAVE APPROPRIATE BACKFLOW PREVENTION DEVICES INSTALLED TO PREVENT CONTAMINATION OF THE WATER SOURCE IF APPLICABLE.
- ALL NON-TURF/SEED PLANTED AREAS WILL BE DRIP IRRIGATED. TURF SOG/SEED SHALL RECEIVE POP-UP SPRAY IRRIGATION FOR HEAD TO HEAD COVERAGE.
- ALL PLANTS SHARING SIMILAR HYDROZONE CHARACTERISTICS SHALL BE PLACED ON A VALVE DEDICATED TO PROVIDE THE NECESSARY WATER REQUIREMENTS SPECIFIC TO THAT HYDROZONE.
- THE IRRIGATION SYSTEM SHALL BE DESIGNED AND INSTALLED, TO THE MAXIMUM EXTENT POSSIBLE, TO CONSERVE WATER BY USING THE FOLLOWING DEVICES AND SYSTEMS: MATCHED PRECIPITATION RATE TECHNOLOGY ON ROTOR AND SPRAY HEADS (WHEREVER POSSIBLE), RAIN SENSORS, AND SMART MULTI-PROGRAM COMPUTERIZED IRRIGATION CONTROLLERS FEATURING SENSORY INPUT CAPABILITIES.

LANDSCAPE GUARANTEE AND MAINTENANCE

- THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL TREES, SHRUBS, PERENNIALS, SOG, SEEDED AREAS, AND IRRIGATION SYSTEMS FOR A PERIOD OF ONE YEAR FROM THE DATE OF THE OWNER'S ACCEPTANCE. THE CONTRACTOR SHALL REPLACE, AT HIS OWN EXPENSE, ANY PLANTS WHICH DIE IN THAT TIME, OR REPAIR ANY PORTIONS OF THE IRRIGATION SYSTEM WHICH OPERATE IMPROPERLY.
- THE LANDSCAPE CONTRACTOR SHALL MAINTAIN THE LANDSCAPE IN A NEAT, CLEAN, AND HEALTHY CONDITION FOR A PERIOD OF 90 DAYS. THIS SHALL INCLUDE PROPER PRUNING, MOWING AND AERATION OF LAWNS, WEEDING, REPLACEMENT OF MULCH, REMOVAL OF LITTER, AND THE APPROPRIATE WATERING OF ALL PLANTINGS. IRRIGATION SHALL BE MAINTAINED IN PROPER WORKING ORDER, WITH SCHEDULING ADJUSTMENTS BY SEASON AND TO MAXIMIZE WATER CONSERVATION. IF SITE OPENS DURING WINTER, TO AVOID FREEZE DAMAGE ON PLANTINGS, THE 90 DAYS SHOULD BEGIN AFTER ACCEPTANCE OF THE WORK.
- DURING THE LANDSCAPE MAINTENANCE PERIOD, THE LANDSCAPE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AWAY FROM STRUCTURES IN ALL LANDSCAPE AREAS AT THE MINIMUM SLOPE SPECIFIED IN THE GEOTECHNICAL REPORT. LANDSCAPE AREAS WHICH SETTLE AND CREATE THE POTENTIAL FOR PONDING SHALL BE REPAIRED TO ELIMINATE PONDING POTENTIAL AND BLEND IN WITH THE SURROUNDING GRADES. SHOULD ANY CONFLICTS AND/OR DISCREPANCIES ARISE BETWEEN THE GEOTECHNICAL REPORT, THE GRADING PLANS, THESE NOTES, AND ACTUAL CONDITIONS, THE CONTRACTOR SHALL IMMEDIATELY BRING SUCH ITEMS TO THE ATTENTION OF THE LANDSCAPE ARCHITECT AND OWNER.



- NOTES:**
- SCARIFY SIDES OF PLANTING PIT PRIOR TO SETTING TREE.
 - REMOVE EXCESS SOIL APPLIED ON TOP OF THE ROOTBALL THAT COVERS THE ROOT FLARE. THE PLANTING HOLE DEPTH SHALL BE SUCH THAT THE ROOTBALL RESTS ON UNDISTURBED SOIL, AND THE ROOT FLARE IS 3"-5" ABOVE FINISH GRADE.
 - CUT OFF BOTTOM 1/3 OF WIRE BASKET BEFORE PLACING TREE IN HOLE. CUT OFF AND REMOVE REMAINDER OF BASKET AFTER TREE IS SET IN HOLE. REMOVE ALL NYLON TIES, TWINE, ROPE, AND OTHER PACKING MATERIAL. REMOVE ALL BURLAP FROM AROUND ROOTBALL.
 - TREE WRAP IS NOT TO BE USED ON ANY NEW PLANTINGS, EXCEPT IN LATE FALL PLANTING SITUATIONS, AND ONLY THEN AFTER CONSULTATION WITH THE LANDSCAPE ARCHITECT. WHEN WRAPPING TREE, WRAP FROM TRUNK FLARE TO LOWEST MAJOR BRANCH.
 - REMOVE ALL NURSERY STAKES AFTER PLANTING.
 - FOR TREES OVER 3" CALIPER, USE THREE STAKES OR DEADEN (AS APPROPRIATE), SPACED EVENLY AROUND TREE. DO NOT ALLOW AIR POCKETS TO FORM WHEN BACKFILLING.



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#2506 - SALT LAKE CITY, UTAH
2111 SOUTH 1300 EAST
LANDSCAPE DETAILS

KG PROJECT TEAM:
ROM: SCOTT BARCOCK
SDM: RYAN HALDER
CPM: SCOTT NEWBURY

REVISION DESCRIPTION	DATE

DATE: 04.26.2022

SHEET NUMBER:
L1.1
21 OF 26

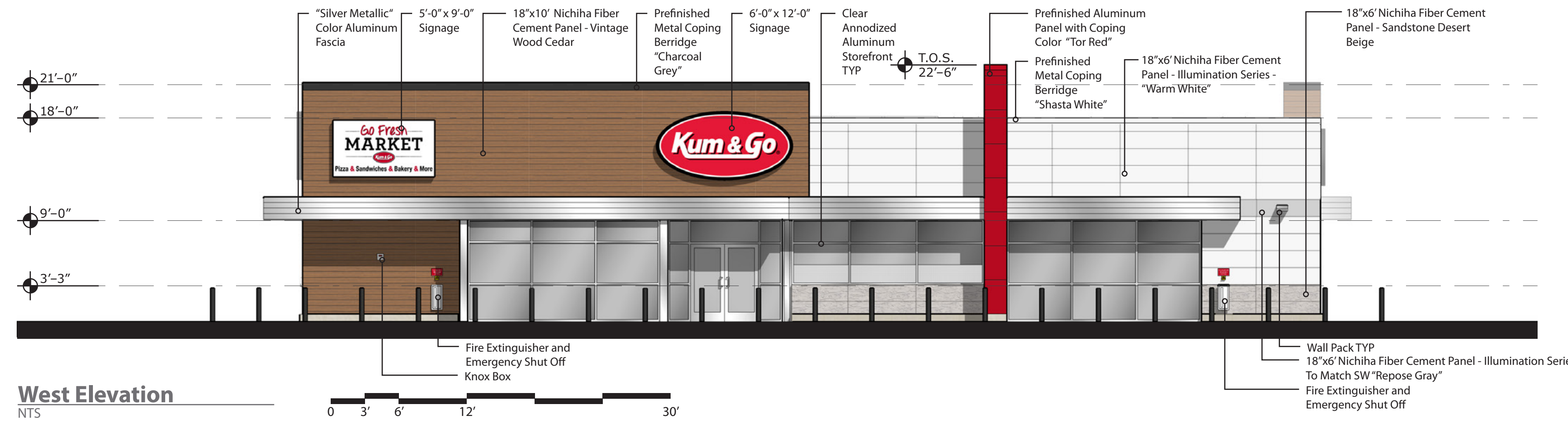
Proposed Building Signage

Location	Sign	Size	Area
West Elevation	"Kum & Go" Sign	6' x 12'	72 SF
	"Go Fresh Market" Sign	5' x 9'	45 SF
East Elevation	"Kum & Go" Sign	3' x 6'	18 SF
North Elevation	"Kum & Go" Sign	6' x 12'	72 SF
South Elevation	"Kum & Go" Sign	5' x 10'	50 SF
Total			257 SF

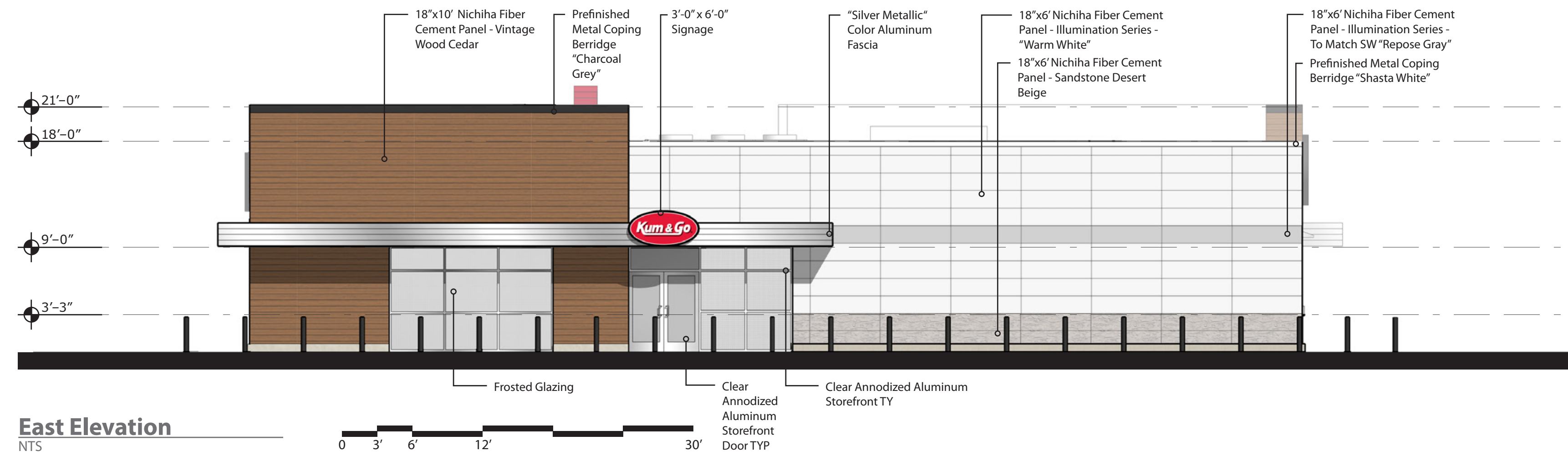
Glazing Calculations

West Elevation			
	Square Feet	% of Glazing	
Glazing	317	70%	
Total	450		

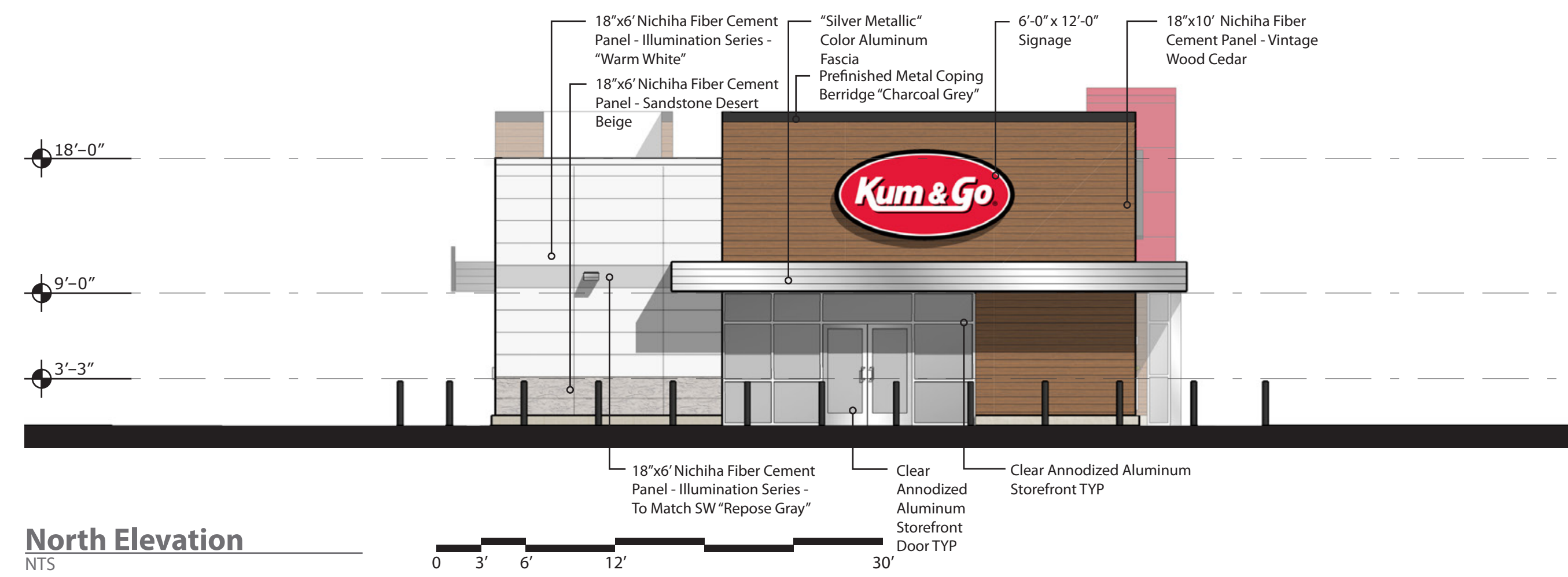
North Elevation			
	Square Feet	% of Glazing	
Glazing	93	40%	
Total	230		



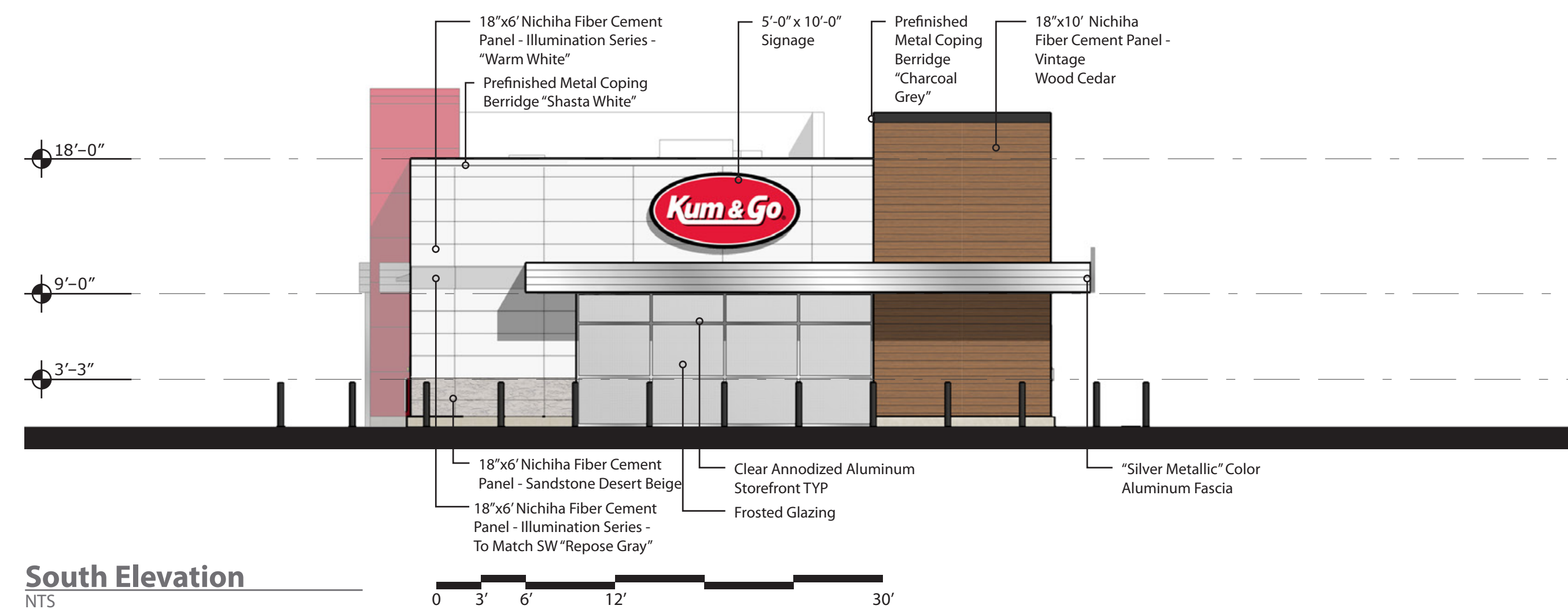
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East Elevation
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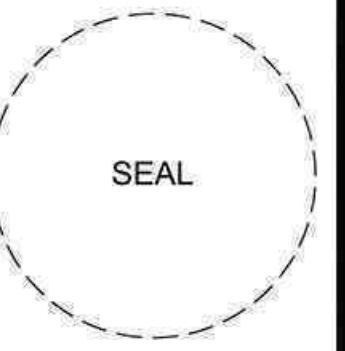
North Elevation
NTS



South Elevation
NTS

brr

ARCHITECT OF RECORD:
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50309
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2506 - SALT LAKE CITY, UT
2100 S & 1300 E

EXTERIOR ELEVATIONS

KG PROJECT TEAM:
RDM:
SDM:
CPM:

REVISION DESCRIPTION	DATE

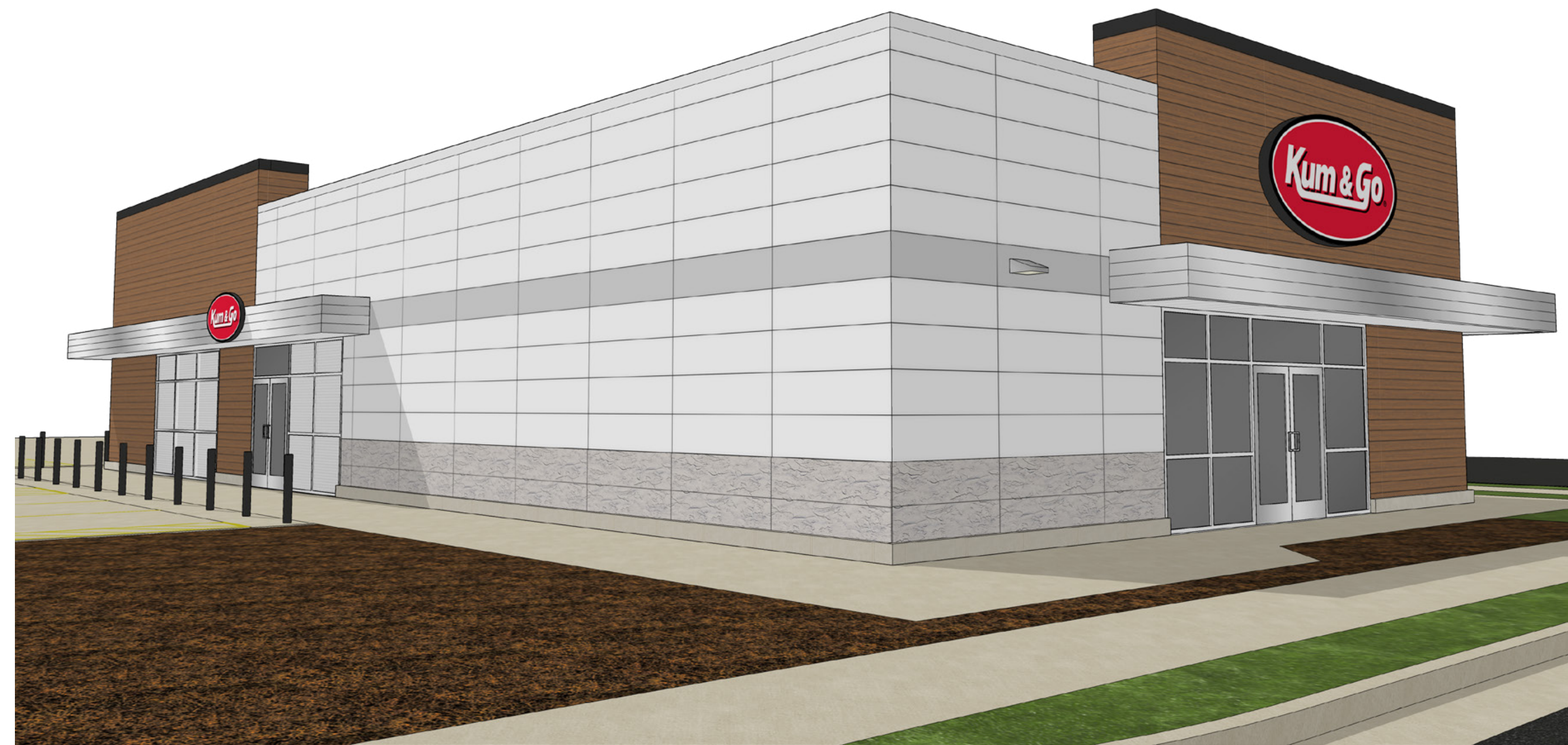
DATE: 07/26/2022

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REVISIONS



Northwest Perspective



Northeast Perspective



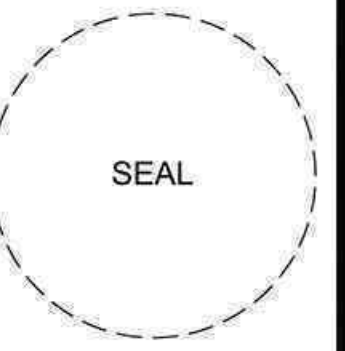
Southwest Perspective



Southeast Perspective

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EXTERIOR PERSPECTIVES

KG PROJECT TEAM:
RDM:
SDM:
CPM:

REVISION DESCRIPTION	DATE

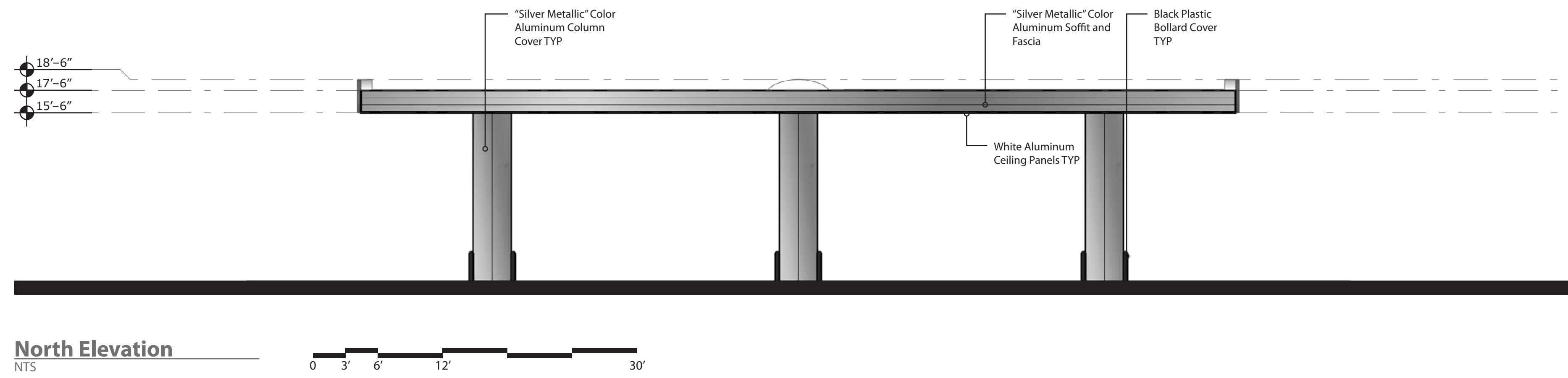
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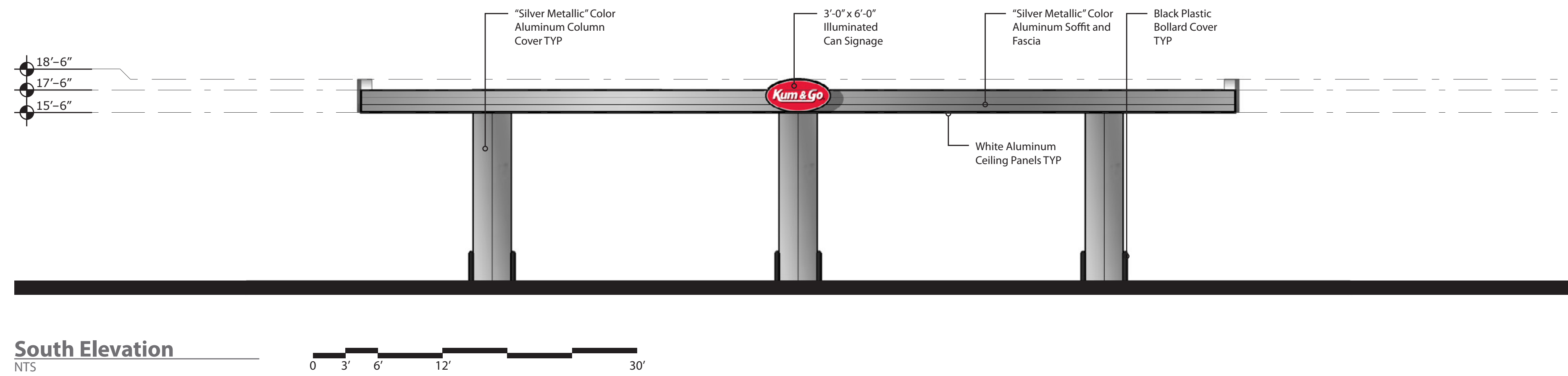
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Proposed Canopy Signage

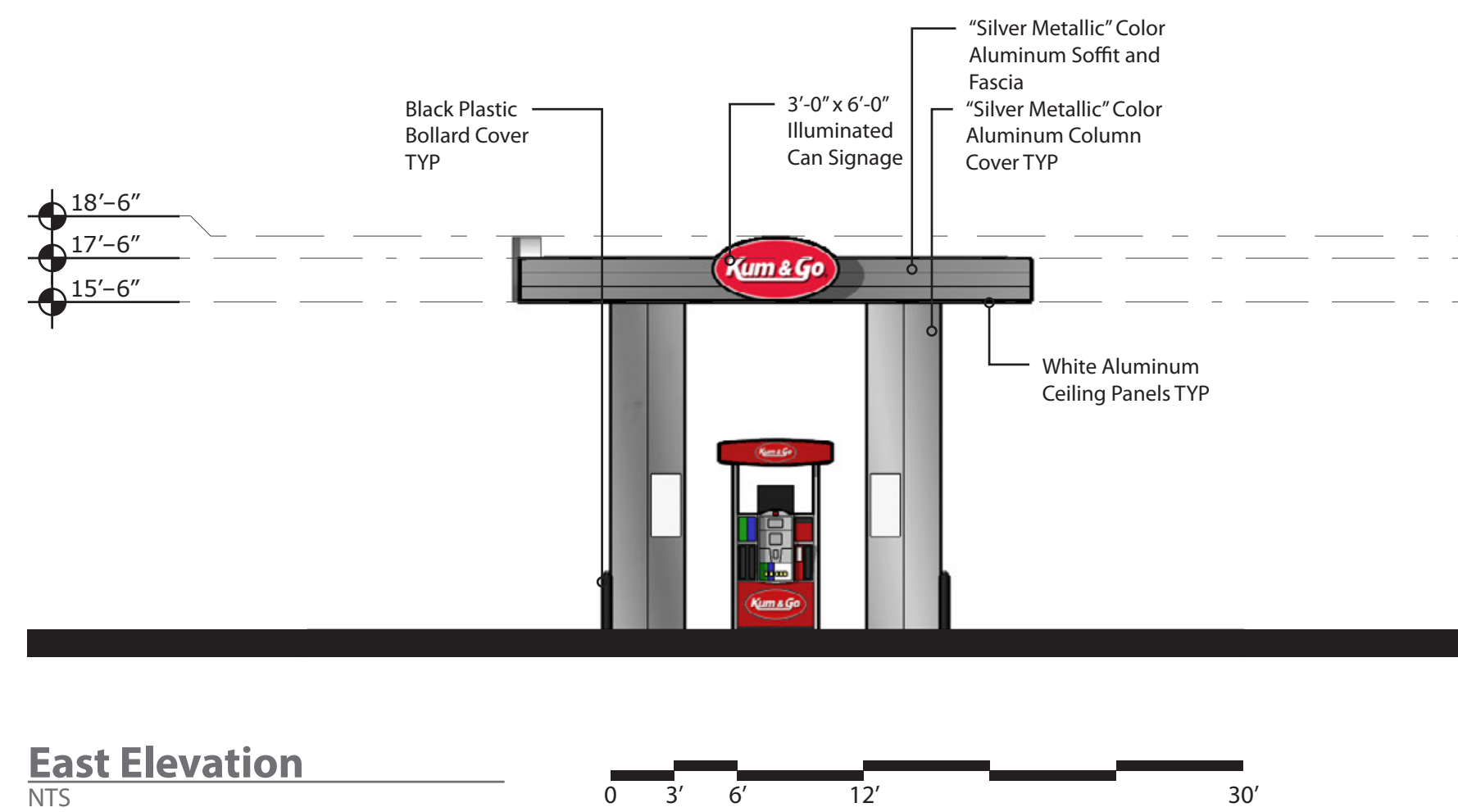
Location	Sign	Size	Area
North Elevation	No Signage	---	0 SF
South Elevation	"Kum & Go" Sign	3' x 6'	18 SF
East Elevation	"Kum & Go" Sign	3' x 6'	18 SF
West Elevation	"Kum & Go" Sign	3' x 6'	18 SF
Total			54 SF



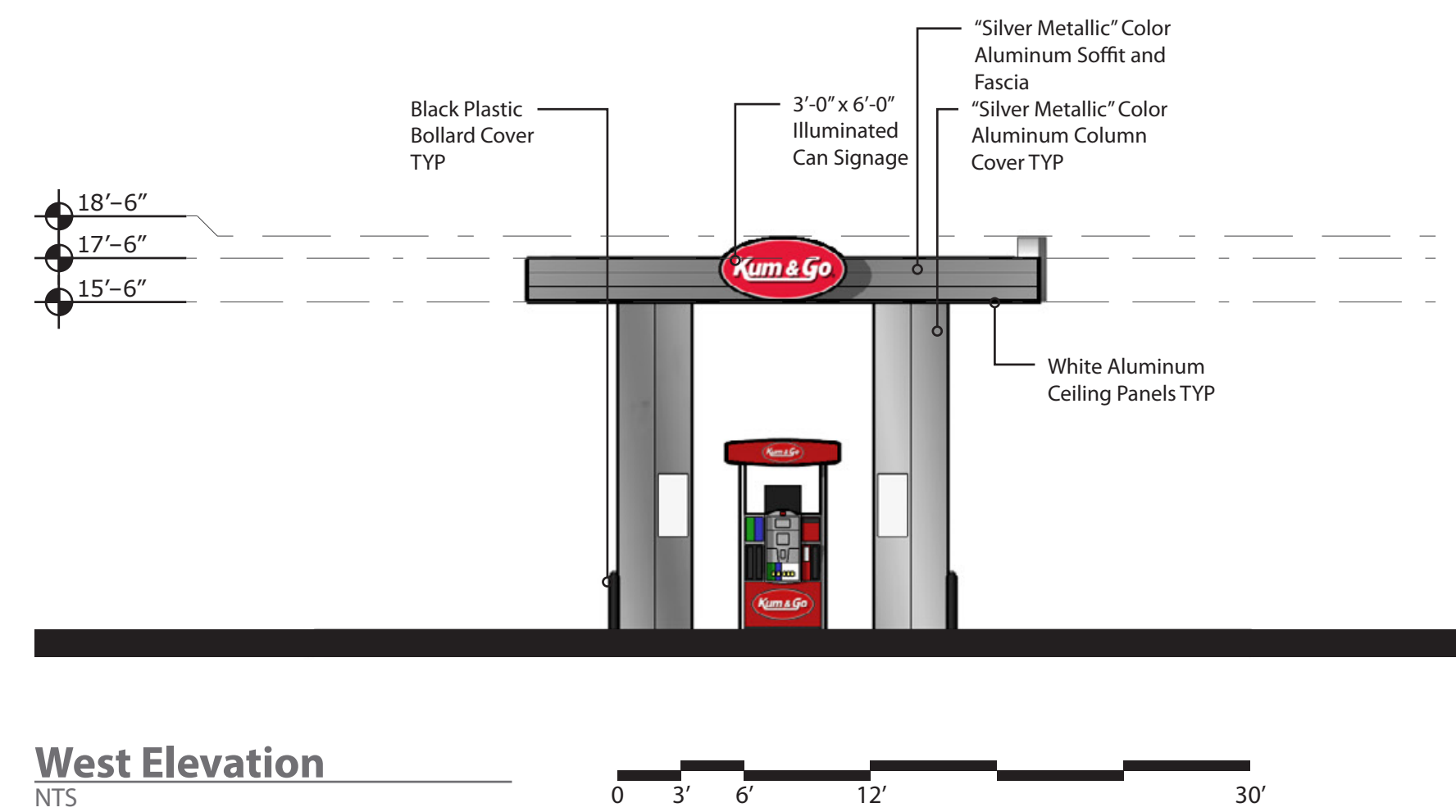
North Elevation
NTS



South Elevation
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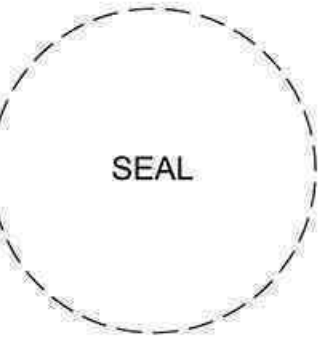
East Elevation
NTS



West Elevation
NTS

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CANOPY ELEVATIONS

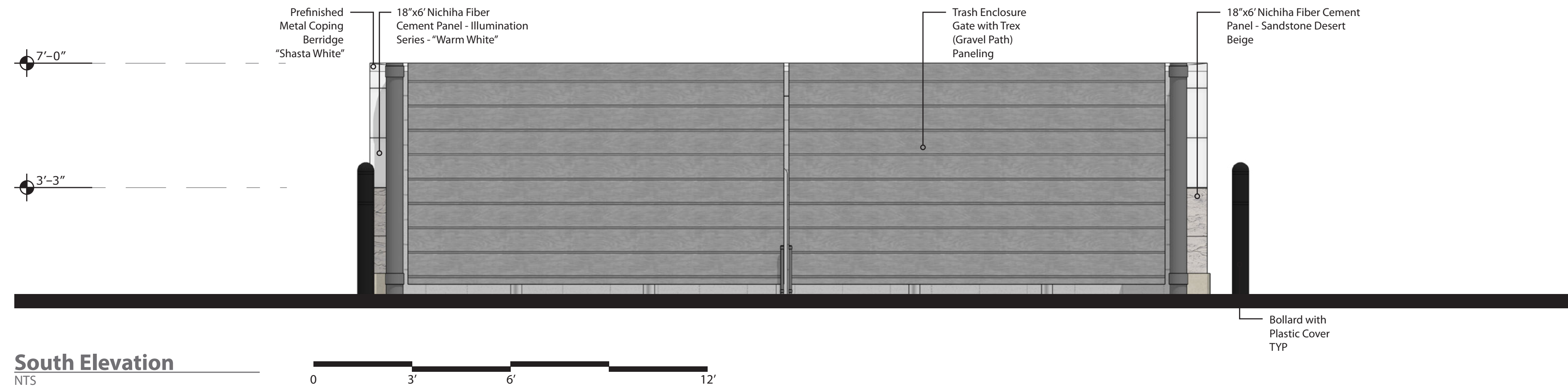
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CPM:

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DATE: 07/26/2022

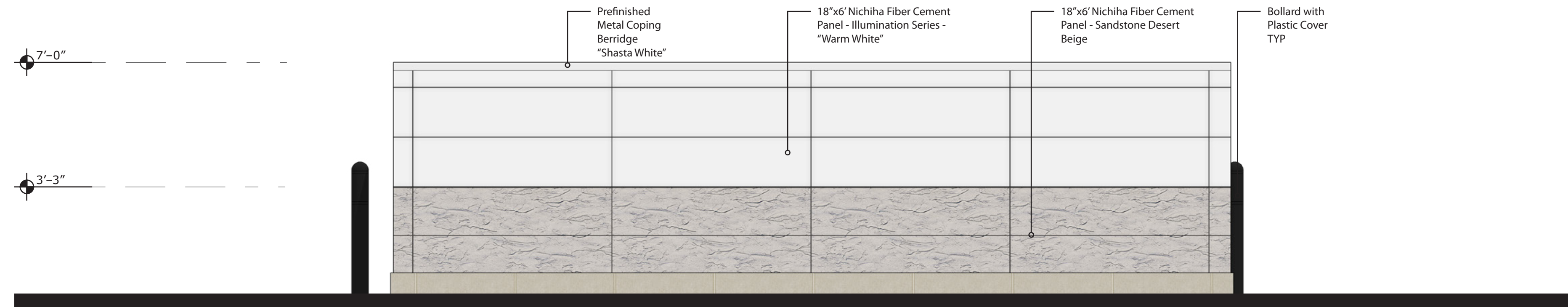
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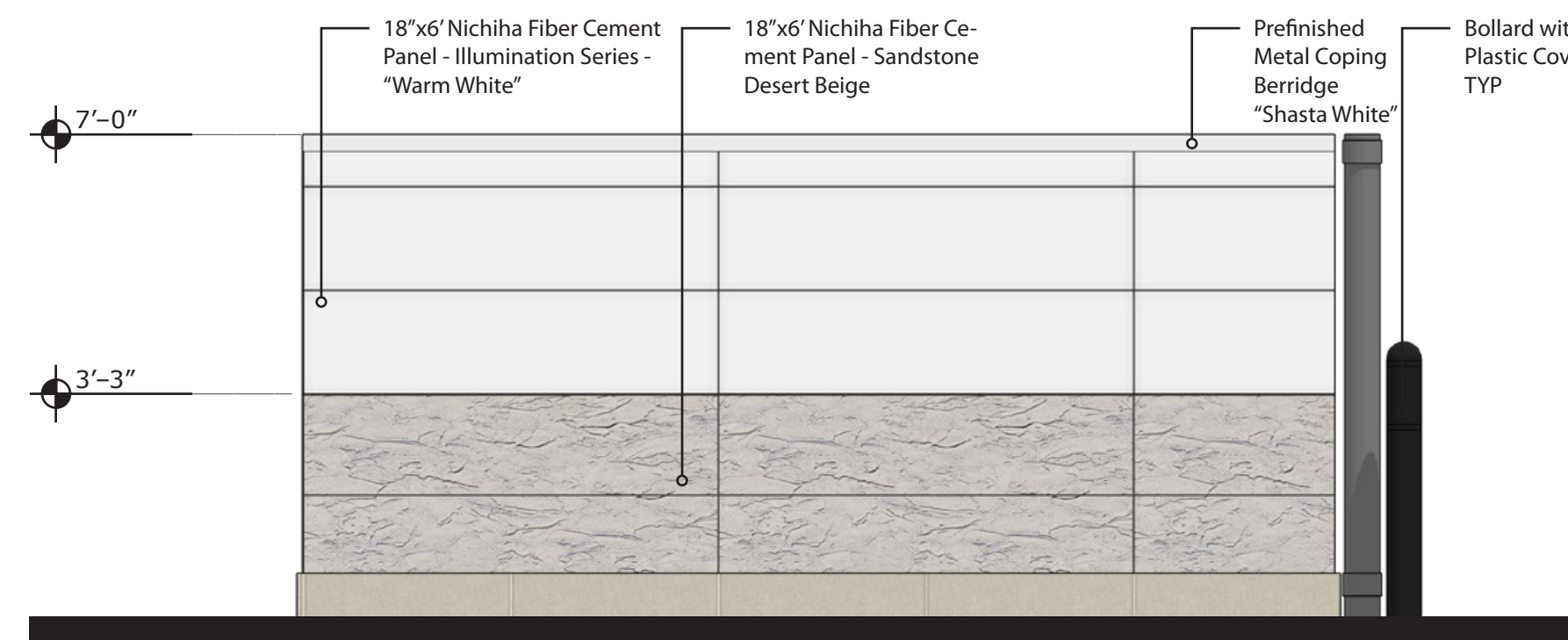
South Elevation

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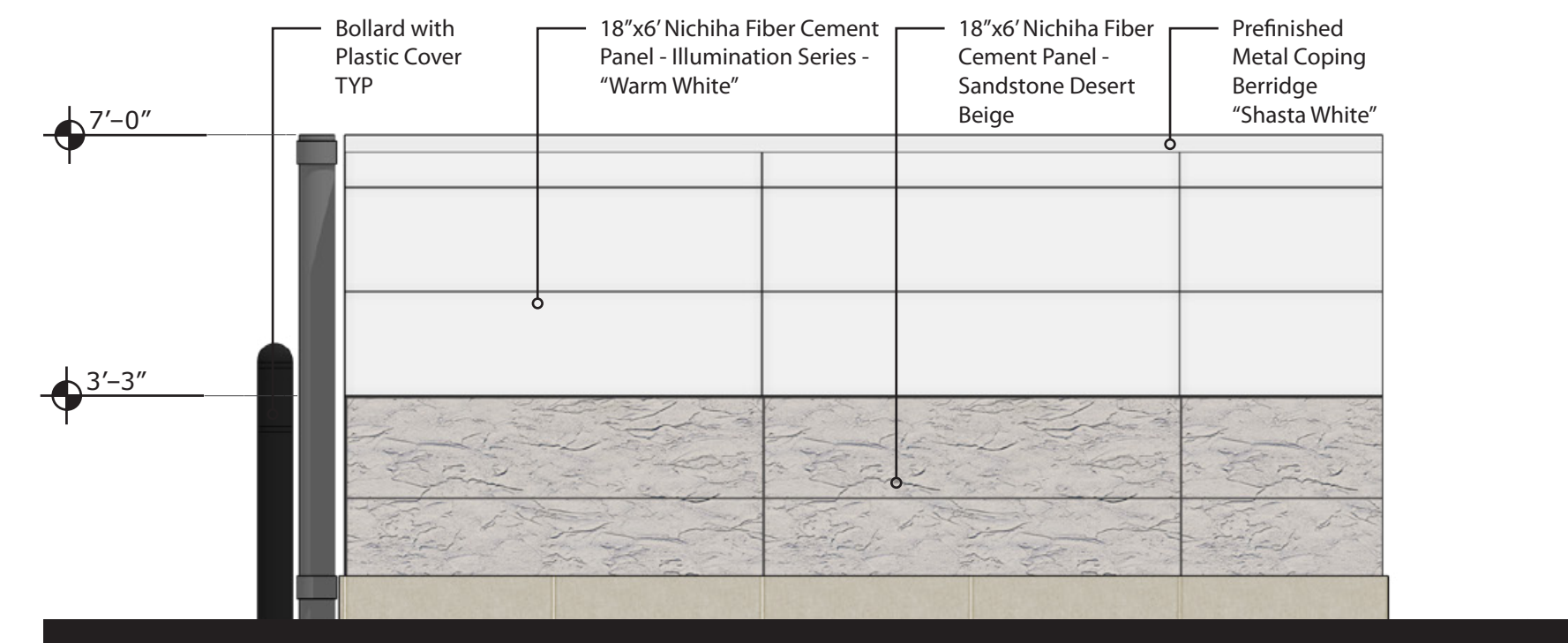
North Elevation

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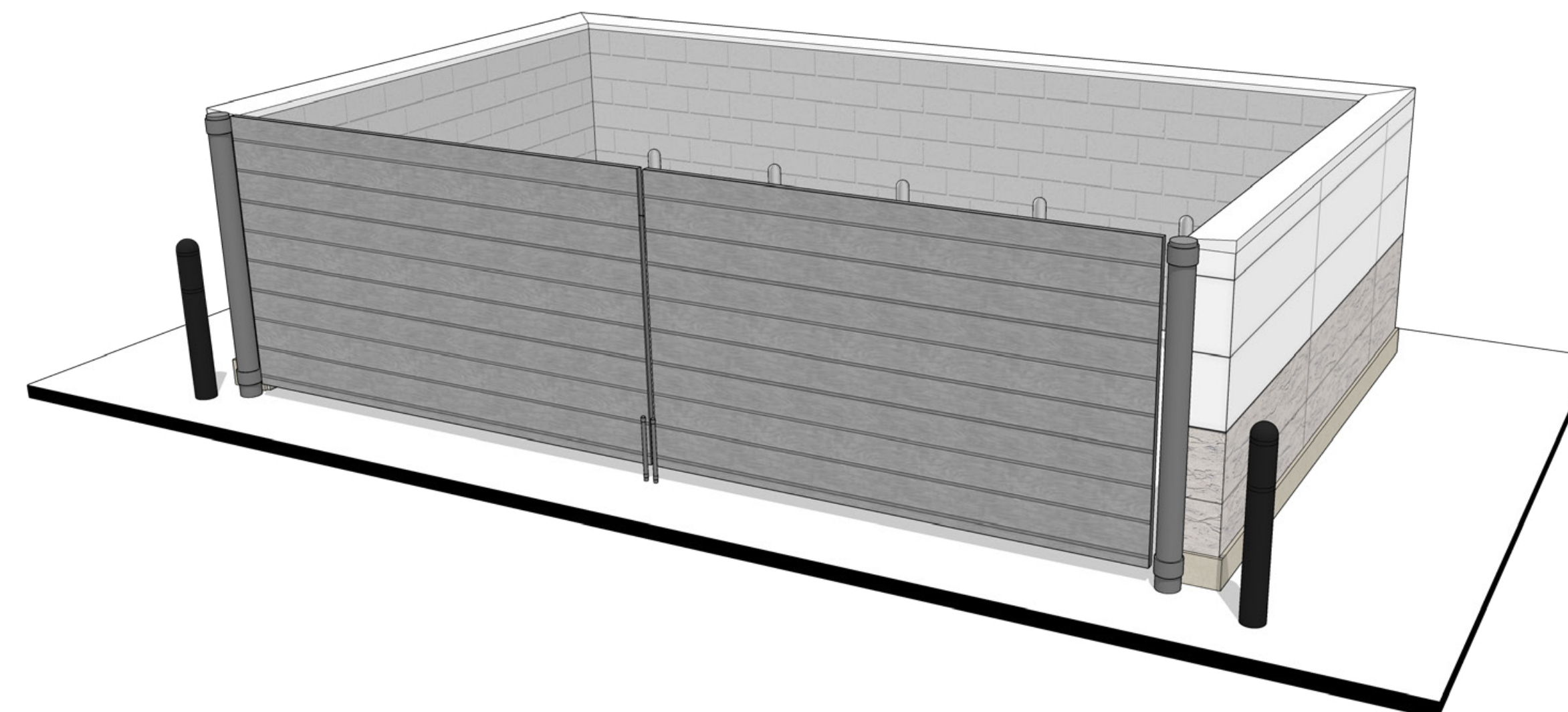
West Elevation

NTS



East Elevation

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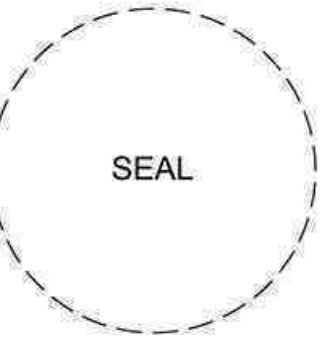


Perspective

NTS

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TRASH ENCLOSURE ELEVATIONS

KG PROJECT TEAM:
RDM:
SDM:
CPM:

REVISION DESCRIPTION	DATE

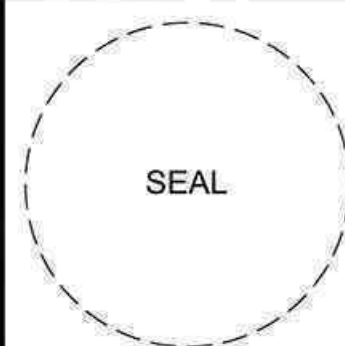
DATE: 07/26/2022

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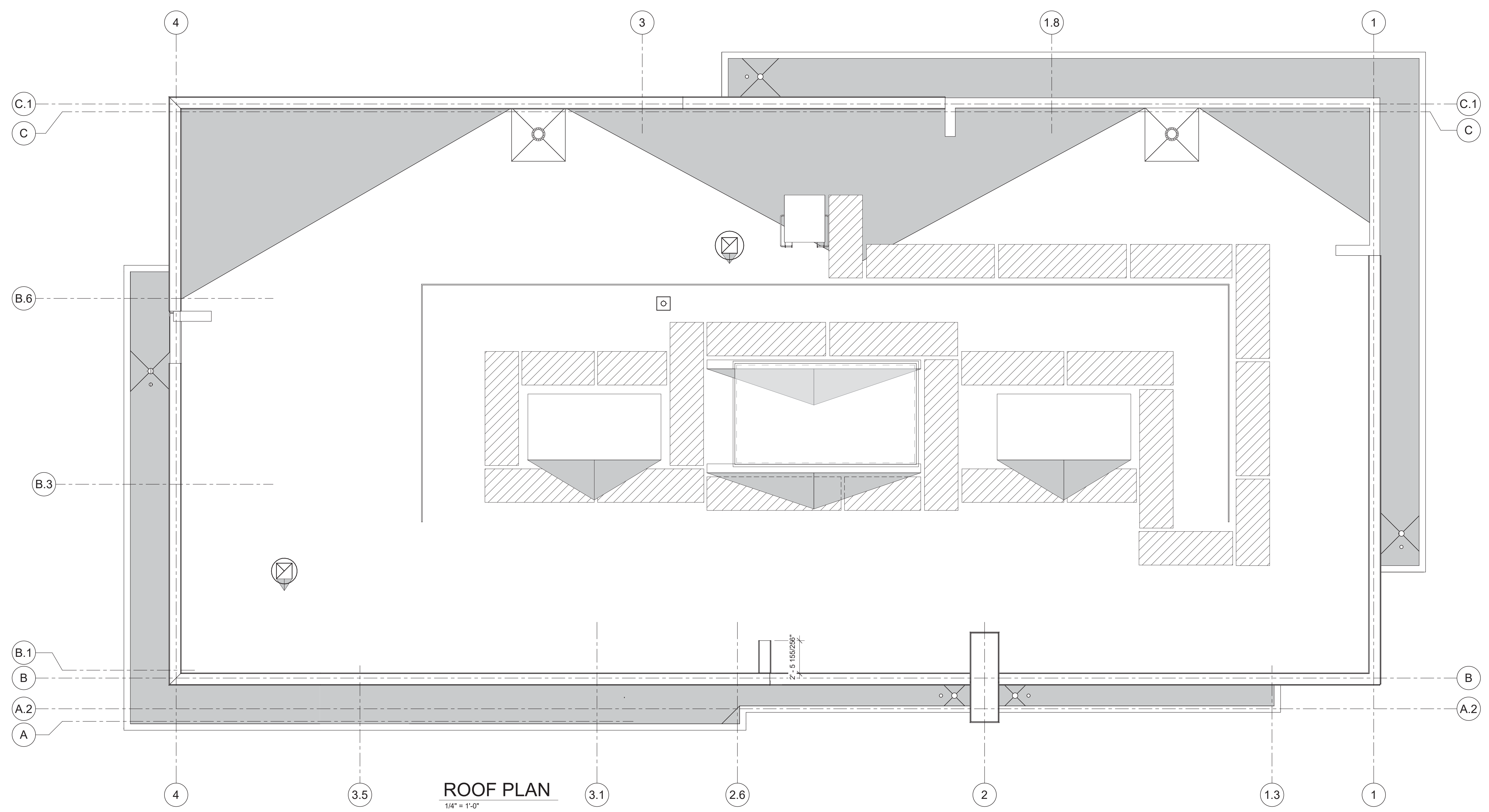
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KG PROJECT TEAM:
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 CPM:

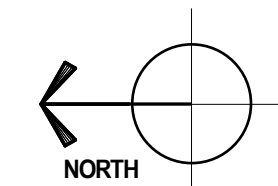
REVISION DESCRIPTION	DATE

DATE: 07/26/2022

SHEET NUMBER:



ROOF PLAN
 1/4" = 1'-0"



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