

GENERAL NOTES:

1. NO WORK IS TO BEGIN UNTIL ALL NECESSARY PERMITS HAVE BEEN OBTAINED. GENERAL CONTRACTOR TO OBTAIN AND PAY FOR ALL NECESSARY PERMITS.
2. REQUIREMENTS SHOWN ON SITE PLAN SHALL GOVERN. GENERAL CONTRACTOR SHALL POINT OUT ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
3. ENTIRE INSTALLATION SHALL MEET ALL APPLICABLE CODES.
4. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS AND DIMENSIONS ON-SITE.
5. GENERAL CONTRACTOR TO PROVIDE ALL EQUIPMENT AND PERSONNEL REQUIRED FOR FINAL CHECKOUT OF ALL FACILITIES BY OWNER'S REPRESENTATIVE.
6. GENERAL CONTRACTOR TO KEEP THE PROJECT SITE NEAT AND ORDERLY. GENERAL YARD CLEAN UP SHALL BE CONDUCTED AT THE END OF EACH DAY AND SHALL MEET THE APPROVAL OF THE OWNER'S REPRESENTATIVE PRIOR TO PROJECT COMPLETION.
7. THE GENERAL CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL DURING CONSTRUCTION.
8. WHERE THERE IS A CONFLICT BETWEEN THESE PLANS AND THE SPECIFICATIONS, OR ANY APPLICABLE STANDARDS, THE HIGHER QUALITY STANDARD SHALL APPLY.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ROADS & WALKWAYS FREE AND CLEAR OF ALL CONSTRUCTION DEBRIS AND DIRT TRACKED FROM THE SITE.
10. DIMENSIONS FOR LAYOUT AND CONSTRUCTION ARE NOT TO BE SCALED FROM ANY DRAWING. IF PERTINENT DIMENSIONS ARE NOT SHOWN, CONTACT THE ENGINEER FOR CLARIFICATION, AND ANNOTATE THE DIMENSION ON THE AS-BUILT RECORD DRAWINGS.
11. CONTRACTOR TO MAINTAIN ACCESS DURING CONSTRUCTION TO ADJACENT BUSINESS FACILITIES.

UTILITY GENERAL NOTES:

1. ALL UTILITY LOCATIONS SHOWN ARE BASED ON FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND ARE TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE ACTUAL 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.
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 POTHOLES OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.
3. GENERAL CONTRACTOR TO COORDINATE ALL UTILITY WORK WITH THE APPROPRIATE UTILITY PROVIDER. GENERAL CONTRACTOR TO VERIFY AND FOLLOW ALL UTILITY PROVIDER REQUIREMENTS, PROCEDURES, STANDARDS AND SPECIFICATIONS.
4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE ACTUAL LOCATION AND ELEVATION OF EXISTING UTILITIES WHICH MAY BE IN CONFLICT WITH THE PROPOSED CONSTRUCTION. IF A CONFLICT DOES EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION SO THAT ADJUSTMENTS CAN BE MADE.

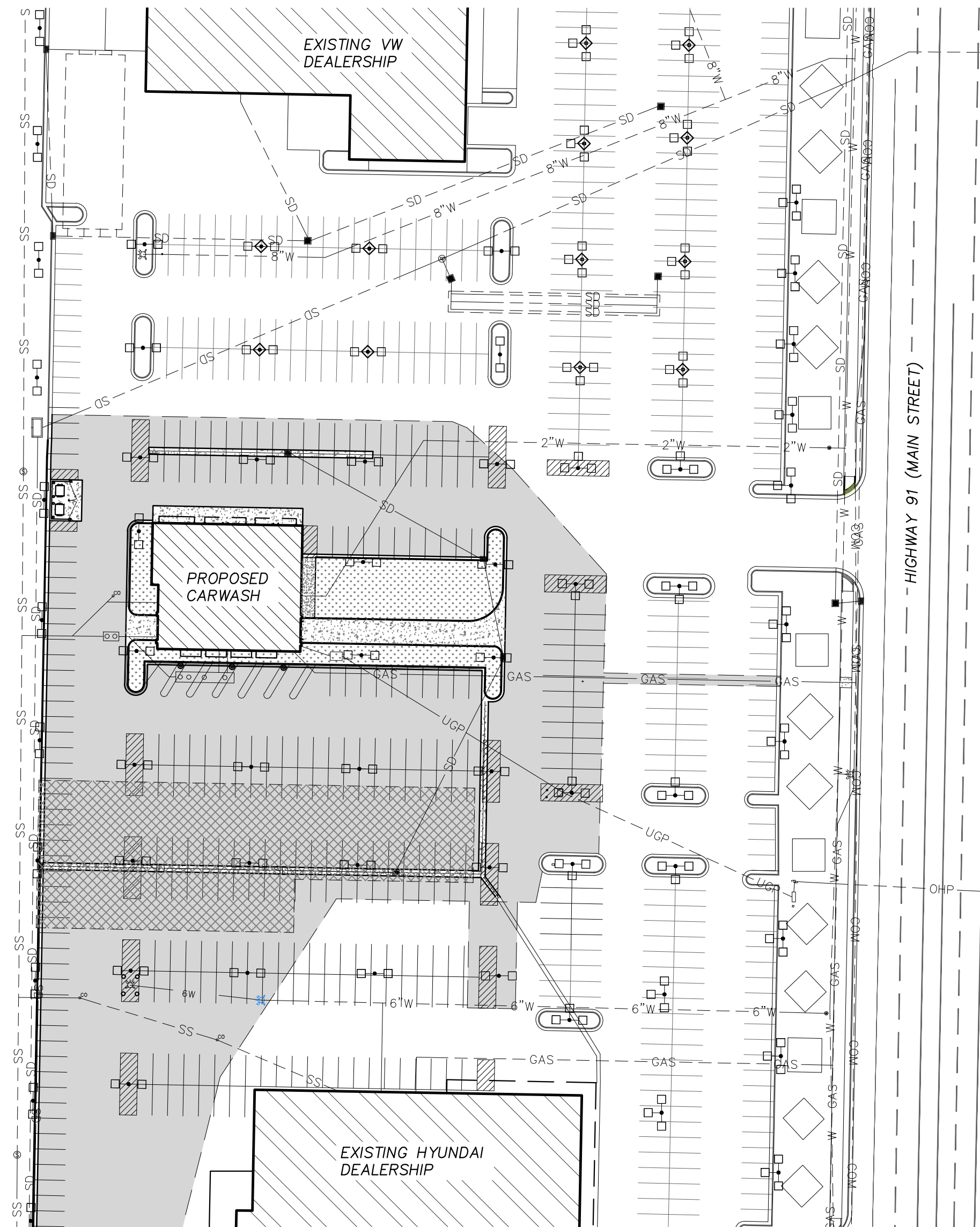
GRADING GENERAL NOTES:

1. FINAL GRADES ARE SUBJECT TO MINOR CHANGES AS APPROVED BY OWNER. NO GRADE CHANGES IN EXCESS OF 0.05 FEET WITHOUT CIVIL ENGINEER'S APPROVAL.
2. ALL FILL MATERIAL SHALL BE CLEAN FILL SOIL APPROVED BY CIVIL ENGINEER.
3. ALL CONSTRUCTION LAYOUT AND STAKING SHALL BE PERFORMED UNDER THE RESPONSIBLE CHARGE OF A LAND SURVEYOR LICENSED IN THE STATE OF UTAH AND BY SURVEY CREW CHIEF OR ENGINEERING TECHNICIAN EXPERIENCED IN CONSTRUCTION LAYOUT AND STAKING TECHNIQUES AS REQUIRED BY THE SPECIFIC TYPE OF WORK BEING PERFORMED.
4. ACCESS AND HAULAGE ROADS SHALL BE MAINTAINED IN A DUST-FREE CONDITION BY SURFACING OR OTHER TREATMENT AS APPROVED BY THE CIVIL ENGINEER. FUGITIVE DUST SHALL BE CONTROLLED IN ALL OTHER OPERATIONAL AREAS OF THE PROJECT SITE. WATER TRUCKS OR OTHER MEANS MAY BE EMPLOYED TO CONTROL DUST AS NECESSARY.
5. CONTRACTOR SHALL MATCH GRADES AT SAWCUT LINE OF EXISTING CONCRETE FLAT WORK, CURB & GUTTER, AND SIDEWALKS.
6. CONTRACTOR SHALL MATCH FINISHED GROUND GRADES AT PROJECT LIMIT LINES.

SITE-CONSTRUCTION DOCUMENTS

MURDOCK CAR WASH

LOCATED AT 3151 NORTH MAIN STREET
HYDE PARK, UTAH 84341



LEGEND

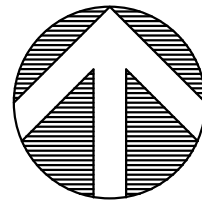
---	EDGE OF NEW ASPHALT/SAWCUT LINE
---	EDGE OF CONCRETE
---	PROPOSED MAJOR CONTOUR
---	PROPOSED MINOR CONTOUR
---	EXISTING MAJOR CONTOUR
---	EXISTING MINOR CONTOUR
---	EXISTING CURB AND GUTTER
---	PROPOSED CATCH-TYPE CURB & GUTTER
---	PROPOSED SPILL-TYPE CURB & GUTTER
---	EXISTING PAINT STRIPE
---	PROPOSED PAINT STRIPE
---	EXISTING UNDERGROUND COMM LINE
---	EXISTING GAS LINE
---	PROPOSED GAS LINE
---	EXISTING OVERHEAD POWER LINE
---	EXISTING UNDERGROUND POWER LINE
---	PROPOSED UNDERGROUND POWER LINE
---	EXISTING STORM DRAIN LINE
---	PROPOSED STORM DRAIN LINE
---	EXISTING SEWER LINE
---	PROPOSED SEWER LINE
---	EXISTING WATER LINE
---	PROPOSED WATER LINE
---	WATER VALVE
---	FIRE HYDRANT
---	WATER METER
---	LIGHTPOLE
---	SEWER MANHOLE

HATCH LEGEND:

---	ASPHALT
---	CONCRETE
---	PROPOSED BUILDING
---	EXISTING BUILDING
---	STORM WATER DETENTION AREA
---	LANDSCAPE AREA

PROJECT CONTACT

KEVIN HUNT
CEO, NEW CONCEPTS CONSTRUCTION
TEL: (801) 463-1021
CELL: (801) 450-5666
Email: kevin.h@nccinc2.com

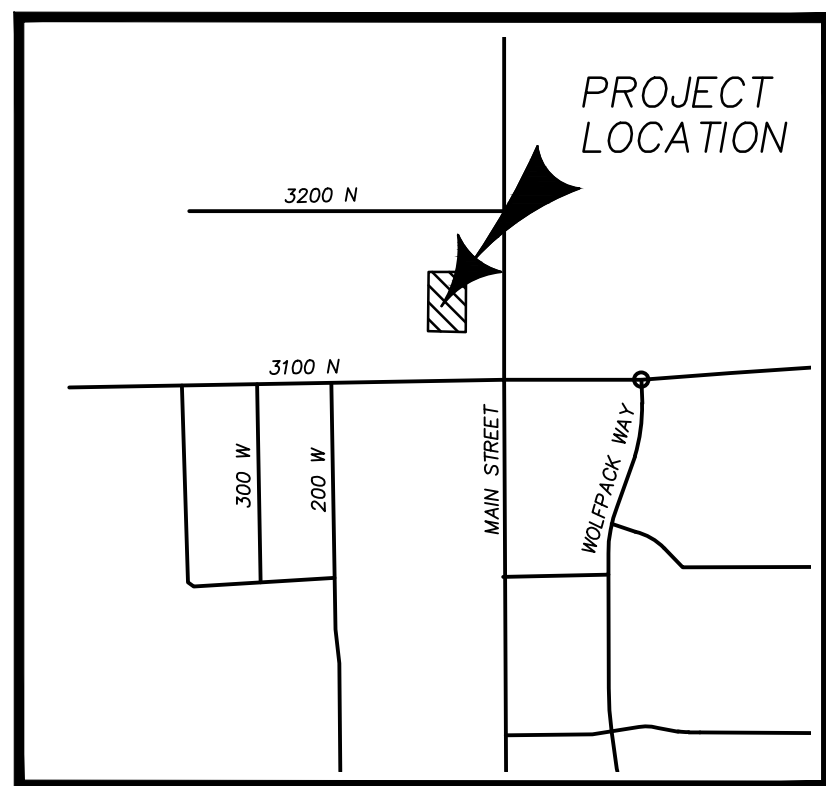


OVERALL SITE MAP

SCALE: 1"=60'

DATE OF PREPARATION:

ORIGINAL ISSUE: 10 FEBRUARY 2021



VICINITY MAP



SHEET INDEX

DESCRIPTION	SHEET
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EROSION CONTROL PLAN	C-6.0
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UTILITY CONTACTS

FIRE PROTECTION:
North Logan Fire Dept.
2005 North 1200 East
North Logan, Utah 84341
TEL: (435) 755-5739

WATER / SEWER:
Hyde Park Public Utilities
113 East Center Street
Hyde Park, UT 84318
TEL: (435) 563-6507

POWER:
Rocky Mountain Power
780 North Main
Smithfield, Utah 84335
CONTACT: Jim Knight
TEL: (435) 563-2953
Email: james.knight@rockymountainpower.net

NATURAL GAS:
Dominion Energy
895 West 800 North
Logan, Utah 84321
CONTACT: Cristi Fiedel
TEL: (435) 755-2206
MOB: (435) 757-5433
Email: cristi.fiedel@dominionenergy.com

COMMUNICATIONS:
Century Link Communications
725 N 600 W
Logan, Utah 84321
CONTACT: Breanna Sperry
TEL: (801) 837-5950

Syringa Networks
1385 West 2200 South
Salt Lake City, Utah 84119
CONTACT: Doug Brooks
TEL: (208) 757-4002
24-HR HOTLINE: (800) 454-7214

Comcast
1034 W RSI Drive #110
Logan, Utah 84321
CONTACT: Alex Vasquez
TEL: (801) 831-6691
Email: alex_vasquez2@cable.comcast.com

CIVIL ENGINEER

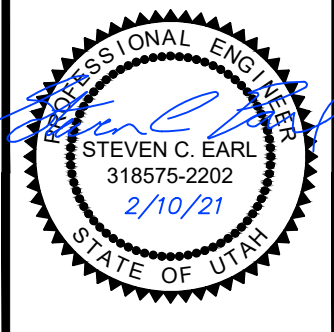
CACHE-LANDMARK ENGINEERING
95 GOLF COURSE RD, SUITE 101
Logan, Utah 84321
TEL: (435) 713-0099
FAX: (435) 713-0055

Project Manager: Jeremy Jensen, EIT
CELL: (435) 770-3441
Email: jjensen@cachelandmark.com

Engineer: Steven Earl, P.E., P.L.S.
CELL: (435) 787-1199
Email: searl@cachelandmark.com



CITY REVIEW SET



COVER SHEET

MURDOCK CAR WASH
3151 NORTH MAIN STREET
HYDE PARK, UTAH 84341



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95 Golf Course Rd.
Suite 101
Logan, UT 84321
435.713.0099

DATE: 10 FEBRUARY 2021

SCALE: 1" = 60'

DESIGN BY: J. JENSEN

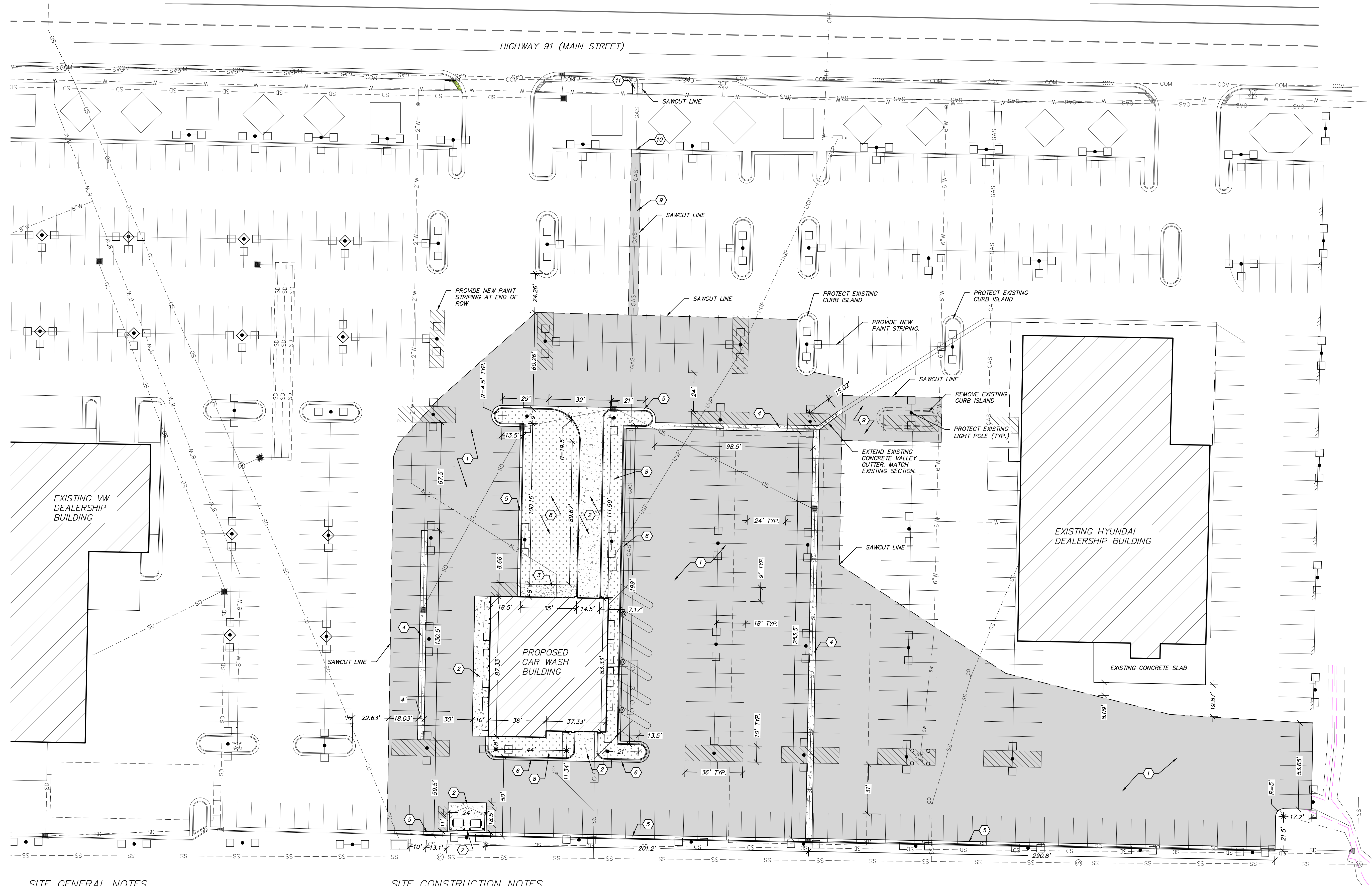
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APPROVED BY: S. EARL

PROJECT NUMBER: 20090MRD

SHEET:

C-0.0

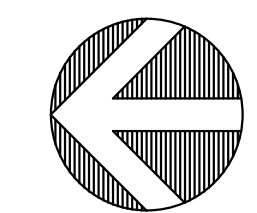
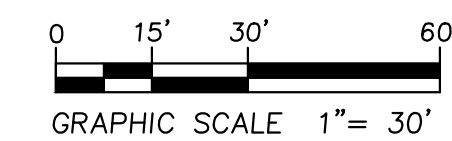


SITE GENERAL NOTES

1. ALL DIMENSIONS AND RADIUS' ARE MEASURED TO TOP BACK OF CURB - UNLESS OTHERWISE NOTED OR WHEN NO CURB IS PRESENT.
2. ALL CONCRETE JOINTING AND SCORING SHALL MEET HYDE PARK CITY STANDARDS AND SPECIFICATIONS FOR CONCRETE PAVING.
3. SEE SHEET C-4.0 FOR GRADING AND DRAINAGE.
4. SEE SHEET C-0.0 FOR GENERAL NOTES AND LEGEND.

SITE CONSTRUCTION NOTES

1. CONSTRUCT STANDARD ASPHALT SECTION. SEE SHEET C-5.0/DETAIL 1.
2. CONSTRUCT HEAVY-DUTY CONCRETE SECTION. SEE SHEET C-5.0/DETAIL 2.
3. CONSTRUCT STANDARD CONCRETE SECTION. SEE SHEET C-5.0/DETAIL 3.
4. CONSTRUCT 4' CONCRETE VALLEY GUTTER. SEE SHEET C-5.0/DETAIL 4.
5. CONSTRUCT STANDARD CATCH TYPE CURB AND GUTTER. SEE SHEET C-5.0/DETAIL 5.
6. CONSTRUCT STANDARD SPILL TYPE CURB AND GUTTER. SEE SHEET C-5.0/DETAIL 5.
7. CONSTRUCT TRASH ENCLOSURE. CONTINUE CURB AND GUTTER FLOW LINE BEHIND WEST WALL OF ENCLOSURE.
8. LANDSCAPE AREA.
9. REPLACE ASPHALT SECTION. MATCH EXISTING GRADES AND SECTION.
10. REPLACE CURB AND GUTTER. MATCH EXISTING GRADES AND SECTION.
11. REPLACE SIDEWALK PER UDOT STANDARDS. MATCH EXISTING GRADES AND SECTIONS. REMOVE SIDEWALK TO NEAREST JOINT.



SITE PLAN
SCALE: 1"=30'

CITY REVIEW SET

DESCRIPTION

NO. DATE



SITE PLAN

SHEET DESCRIPTION

MURDOCK CAR WASH
3151 NORTH MAIN STREET
HYDE PARK, UTAH 84341



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95 Golf Course Rd.
Suite 101
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435.713.0099

DATE:
10 FEBRUARY 2021

SCALE:
1"=30'

DESIGN BY:
J. JENSEN

CHECKED BY:
S. EARL

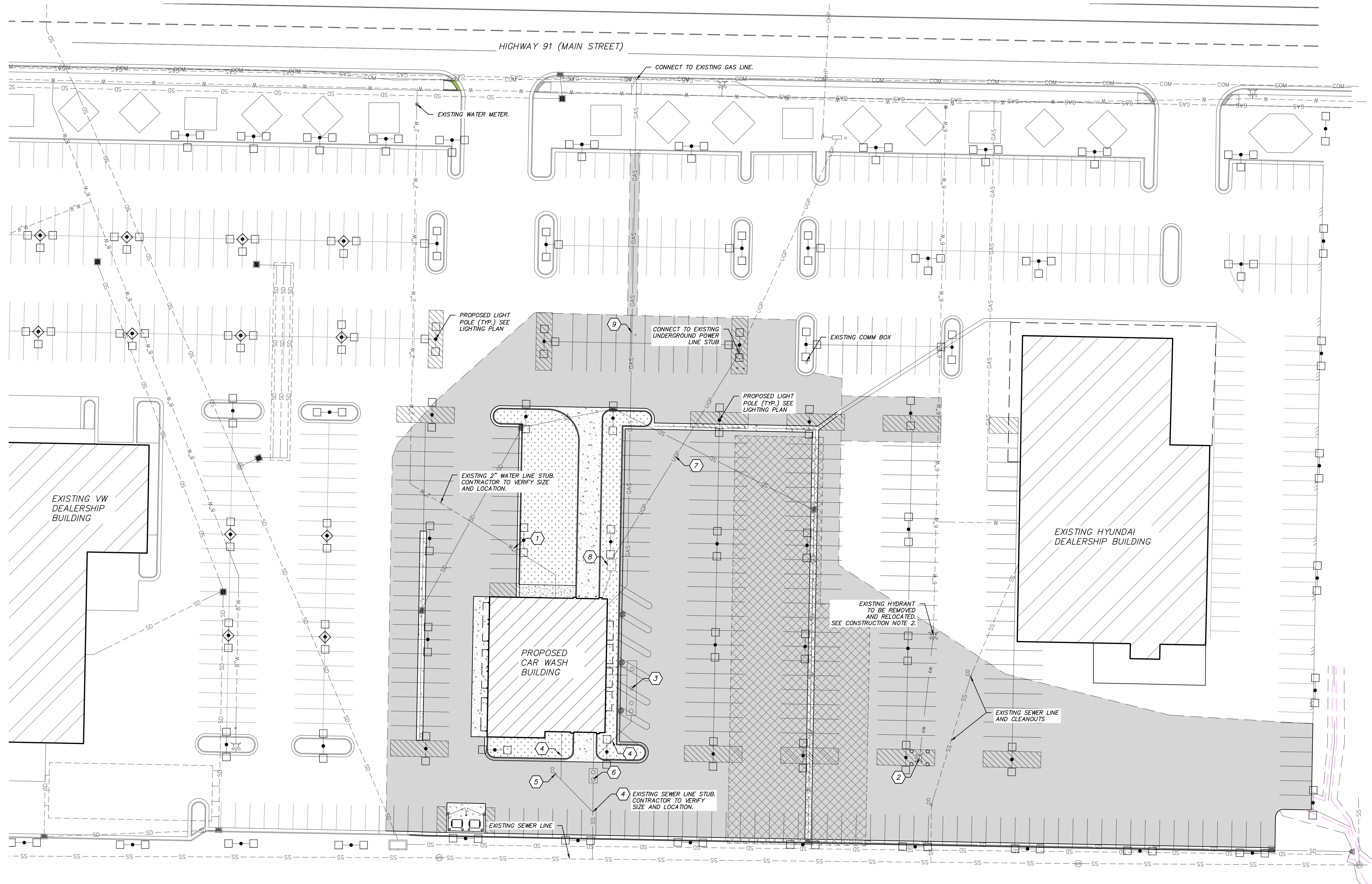
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S. EARL

PROJECT NUMBER:
20090MRD

SHEET:

C-2.0

PLOTTED February 10, 2021 BY Jeremy Jensen FILE 210020 PROJECTS\CONCRETE\MURDOCK CARWASH - HYDE PARK, UT\ACAD\CONSTRUCTION DOCUMENTS\2009090 C-3.0 UTILITY PLAN.dwg

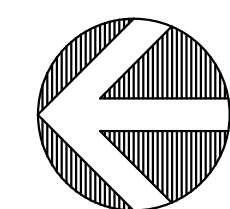
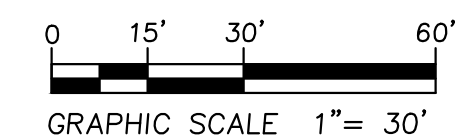


UTILITY GENERAL NOTES

1. ALL WATER MAINS TO BE INSTALLED WITH 5' OF COVER TO FG.
2. CONTRACTOR TO REFER TO GRADING PLAN FOR ALL FINISH GRADE ELEVATIONS.
3. SEE SHEET C-0.0 FOR GENERAL NOTES AND LEGEND.
4. ALL POINTS OF USE OF WATER MUST COMPLY WITH THE 2018 IPC AND UTAH STATE AMENDMENTS DURING AND AFTER CONSTRUCTION.
5. PROJECT SHALL COMPLY WITH ALL CURRENT PLUMBING CODES, UTAH STATE AMENDMENTS, UTAH DIVISION OF DRINKING WATER RULES AND REGULATIONS INCLUDING, BUT NOT LIMITED TO, THOSE PERTAINING TO BACKFLOW PROTECTION AND CROSS CONNECTION PREVENTION.

UTILITY CONSTRUCTION NOTES

1. INSTALL 2" WATER LINE PER HYDE PARK CITY STANDARDS. CONNECT TO EXISTING 2" WATER LINE STUB.
2. INSTALL FIRE HYDRANT PER HYDE PARK CITY STANDARDS. EXTEND 6" WATER LINE TO NEW HYDRANT LOCATION. INSTALL CONCRETE BOLLARDS TO PROTECT HYDRANT.
3. INSTALL UNDERGROUND RECLAMATION TANK. SEE MECHANICAL PLANS FOR DETAILS.
4. INSTALL 4" SEWER LINE. CONNECT TO EXISTING SEWER LINE STUB.
5. INSTALL SEWER LINE CLEANOUT.
6. INSTALL 1000 GALLON GREASE INTERCEPTOR TANK.
7. INSTALL UNDERGROUND POWER CONDUIT.
8. INSTALL POWER TRANSFORMER.
9. INSTALL GAS LINE.



UTILITY PLAN
SCALE: 1"=30'

CITY REVIEW SET

DESCRIPTION

NO. DATE



UTILITY PLAN

SHEET DESCRIPTION

MURDOCK CAR WASH
3151 NORTH MAIN STREET
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DATE:
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SCALE:
1"=30'

DESIGN BY:
J. JENSEN

CHECKED BY:
S. EARL

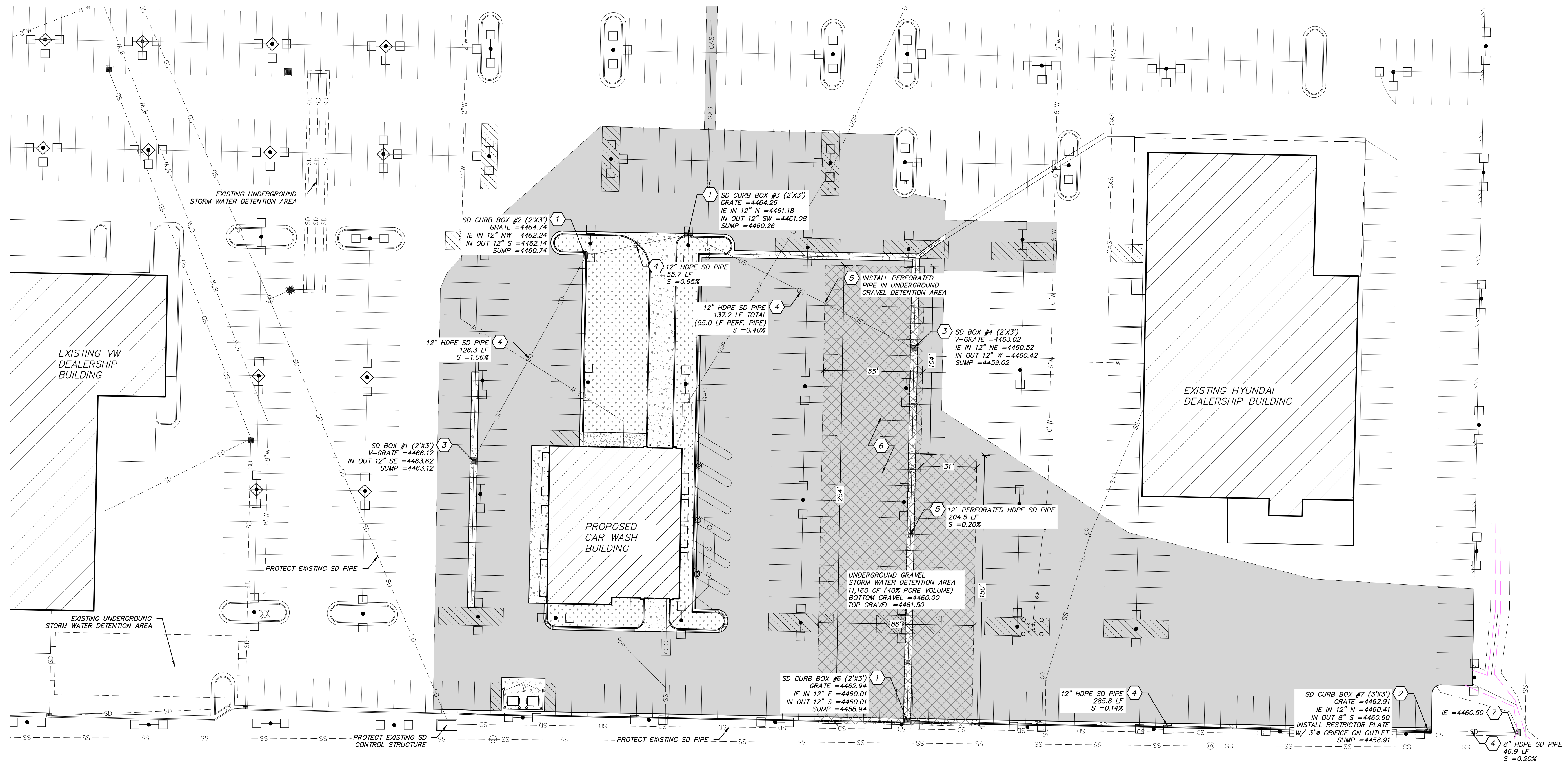
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PROJECT NUMBER:
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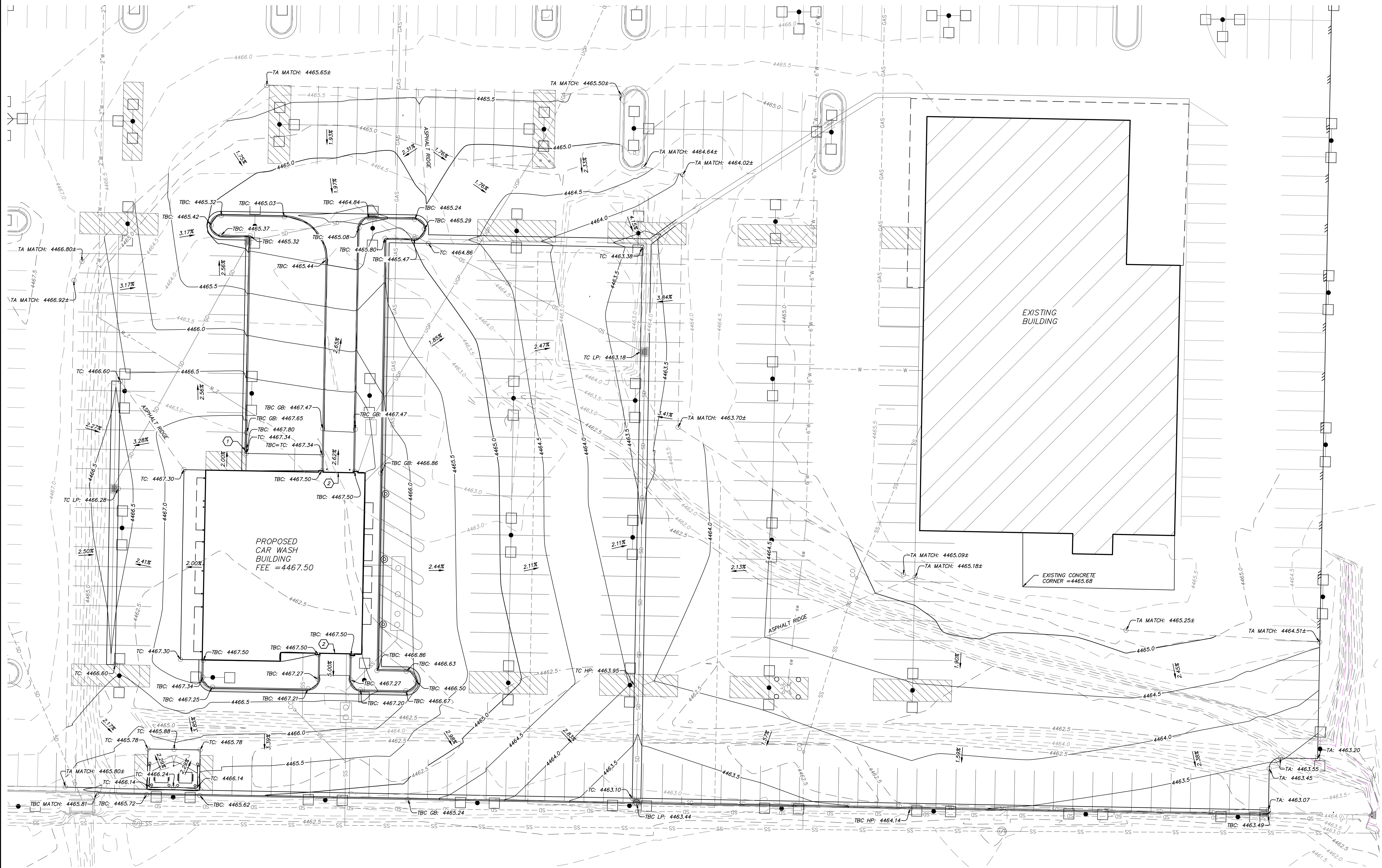
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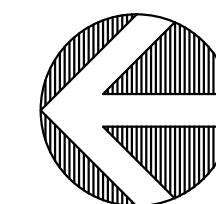
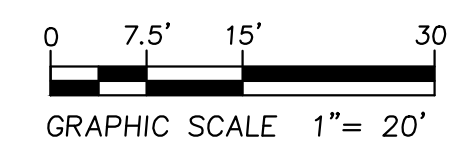


GRADING GENERAL NOTES

1. CONTRACTOR SHALL MATCH GRADES AT EXISTING ASPHALT, CURBS, AND PROPERTY LINES.
2. TYPICAL CONTOUR INTERVAL IS 0.5' FOR EXISTING AND 0.5' FOR PROPOSED.
3. ALL SLOPE ARROWS ARE ORIENTED TOWARD THE DIRECTION OF WATER FLOW ON THE SURFACE.
4. SEE SHEET C-0.0 FOR GENERAL NOTES AND LEGEND.
5. SEE SHEET C-3.1 FOR STORM WATER INSTALLATION NOTES AND ELEVATIONS.

GRADING CONSTRUCTION NOTES

- 1 FLARE DOWN CURB TO MATCH TOP OF CONCRETE WALK. NO LIP ALLOWED ALONG WIDTH OF SIDEWALK.
- 2 CONCRETE DRIVE TO MATCH TBC ELEVATIONS (FFE) AT CARWASH ENTRANCES. TRANSITION FROM MATCHING ELEVATIONS TO 0.5' BELOW TBC ELEVATION WITHIN 12' OF ENTRANCES.



GRADING PLAN
SCALE: 1"=20'

CITY REVIEW SET

DESCRIPTION

NO. DATE



GRADING/DRAINAGE PLAN

MURDOCK CAR WASH
3151 NORTH MAIN STREET
HYDE PARK, UTAH 84341



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DATE:
10 FEBRUARY 2021

SCALE:
1"=20'

DESIGN BY:
J. JENSEN

CHECKED BY:
S. EARL

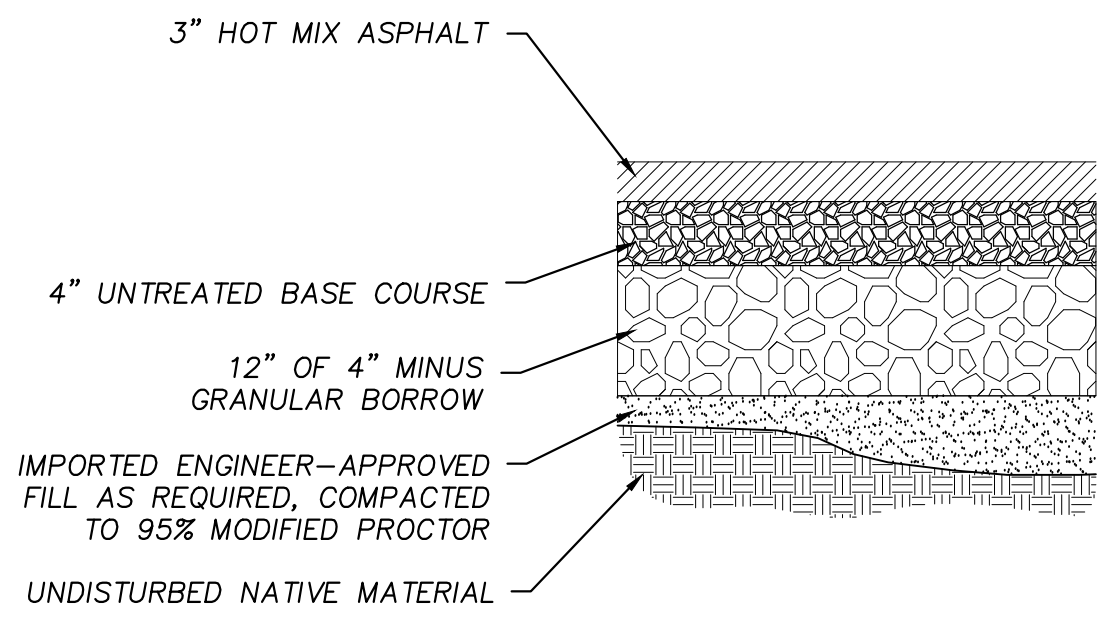
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S. EARL

PROJECT NUMBER:
2009MRD

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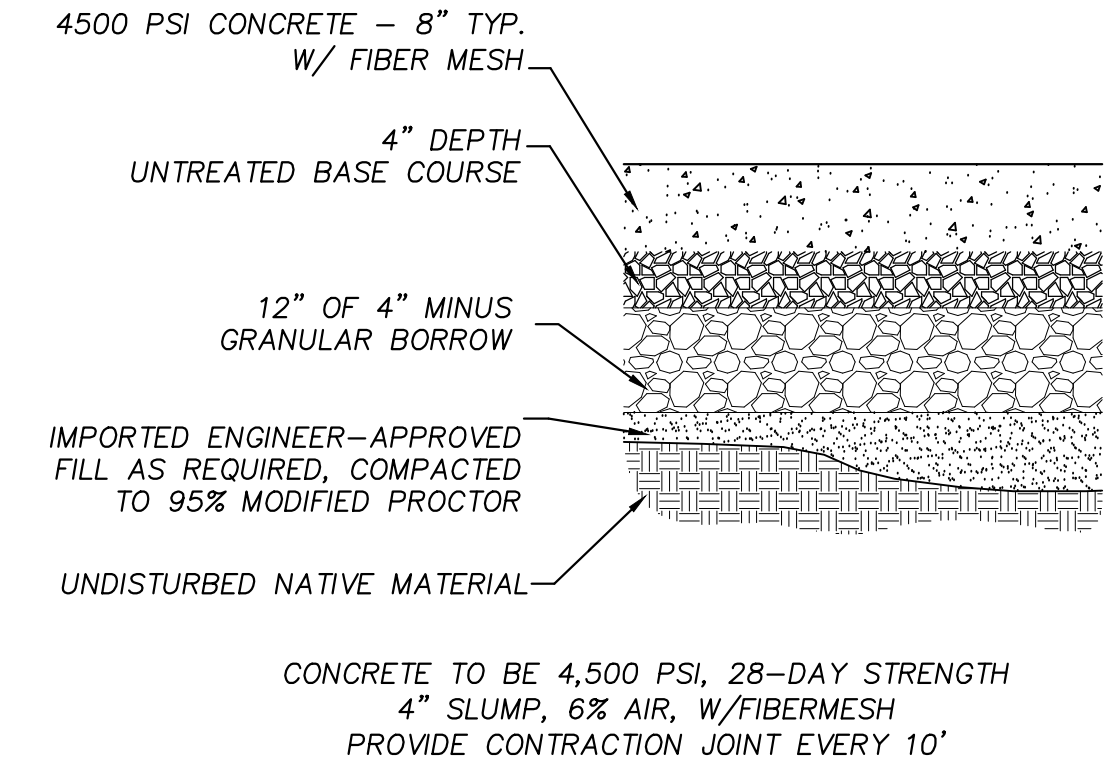
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CONTRACTOR TO REFER TO SOILS REPORT FOR RECOMMENDED PAVEMENT SECTIONS.
REPORT ANY DISCREPANCIES TO ENGINEER PRIOR TO CONSTRUCTION.

NO TOP SOIL TO BE USED FOR FILL MATERIAL.

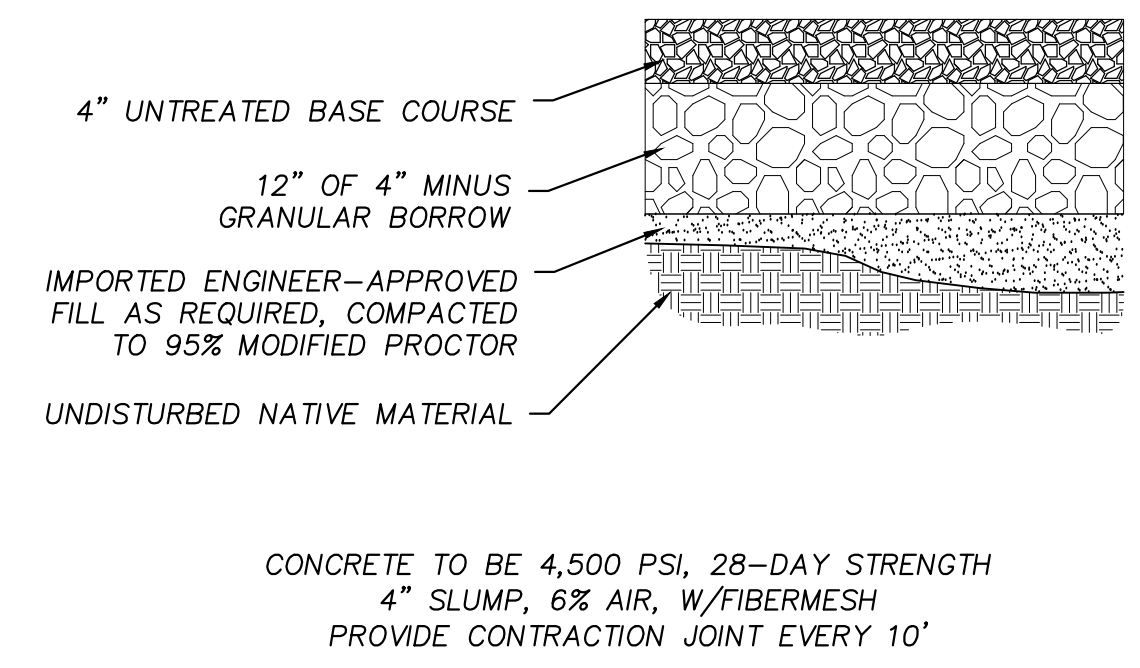
1 STANDARD ASPHALT SECTION
SCALE: NTS



CONTRACTOR TO REFER TO SOILS REPORT FOR RECOMMENDED PAVEMENT SECTIONS.
REPORT ANY DISCREPANCIES TO ENGINEER PRIOR TO CONSTRUCTION.

NO TOP SOIL TO BE USED FOR FILL MATERIAL.

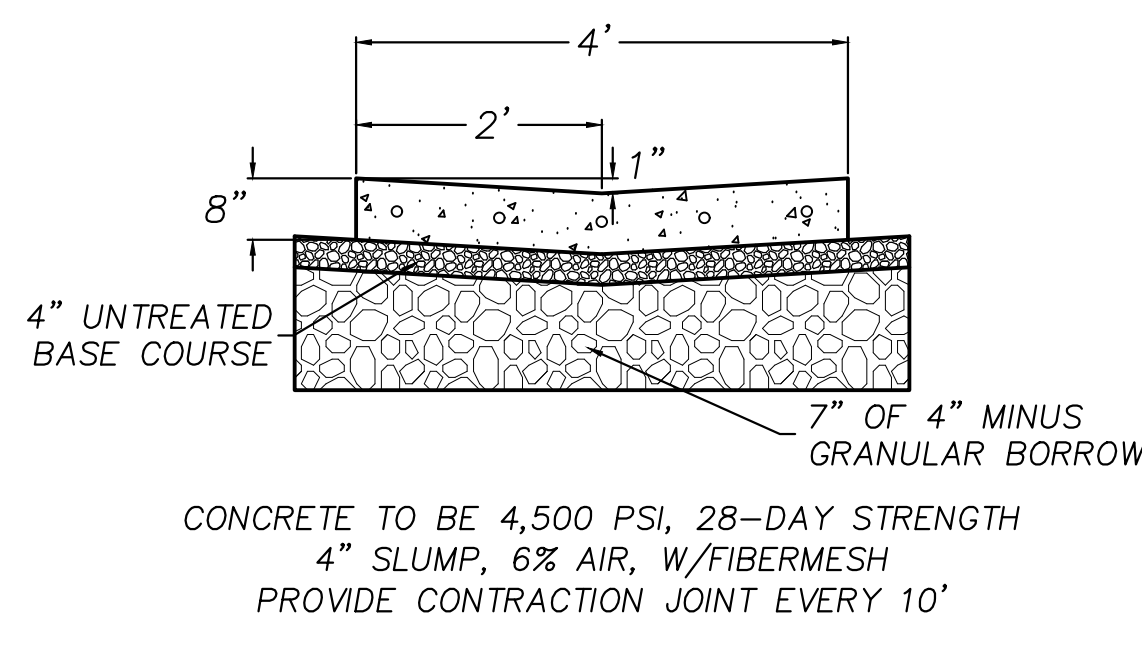
2 HEAVY-DUTY CONCRETE SECTION
SCALE: NTS



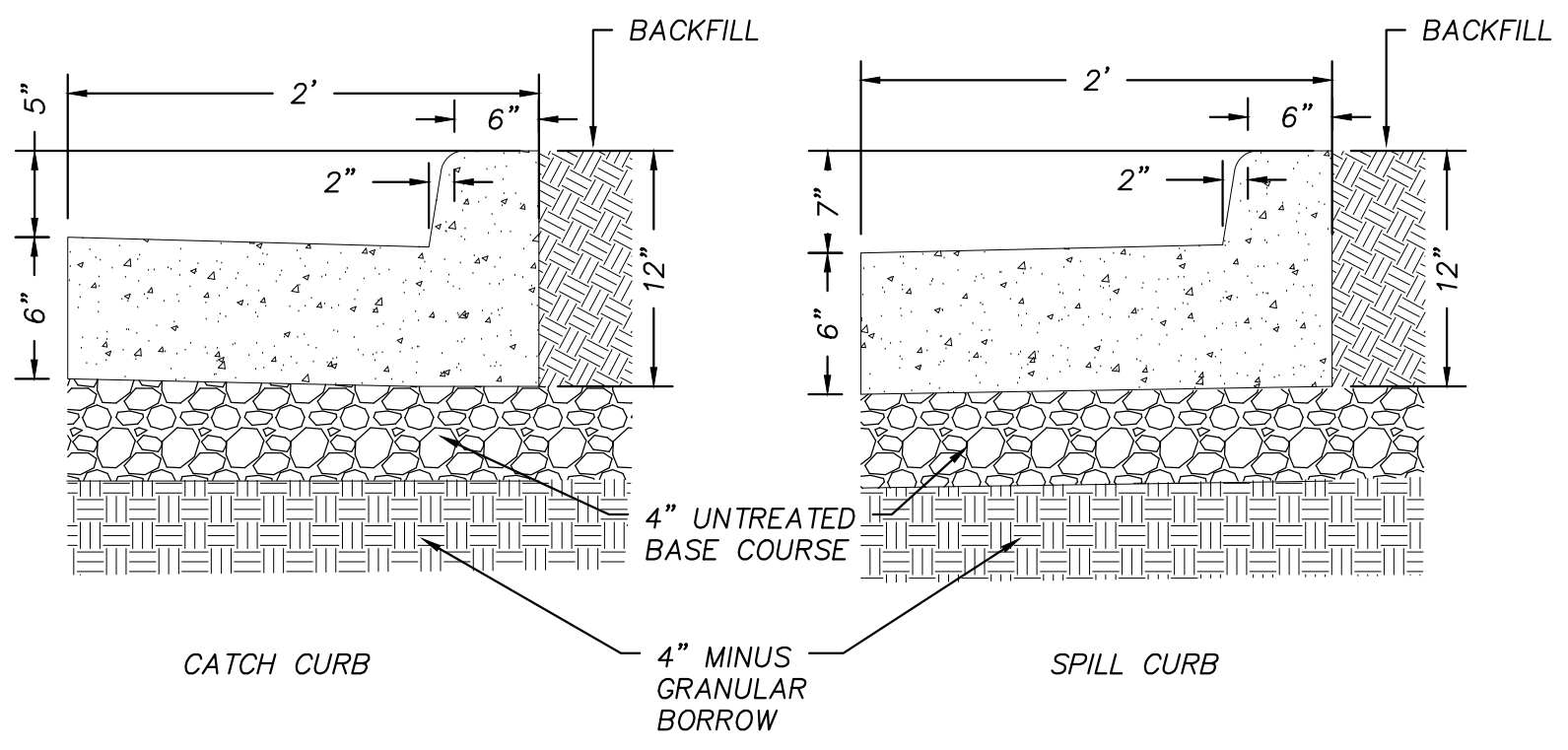
CONTRACTOR TO REFER TO SOILS REPORT FOR RECOMMENDED PAVEMENT SECTIONS.
REPORT ANY DISCREPANCIES TO ENGINEER PRIOR TO CONSTRUCTION.

NO TOP SOIL TO BE USED FOR FILL MATERIAL.

3 STANDARD-DUTY CONCRETE SECTION
SCALE: NTS



4 4' CONCRETE VALLEY GUTTER SECTION
SCALE: NTS

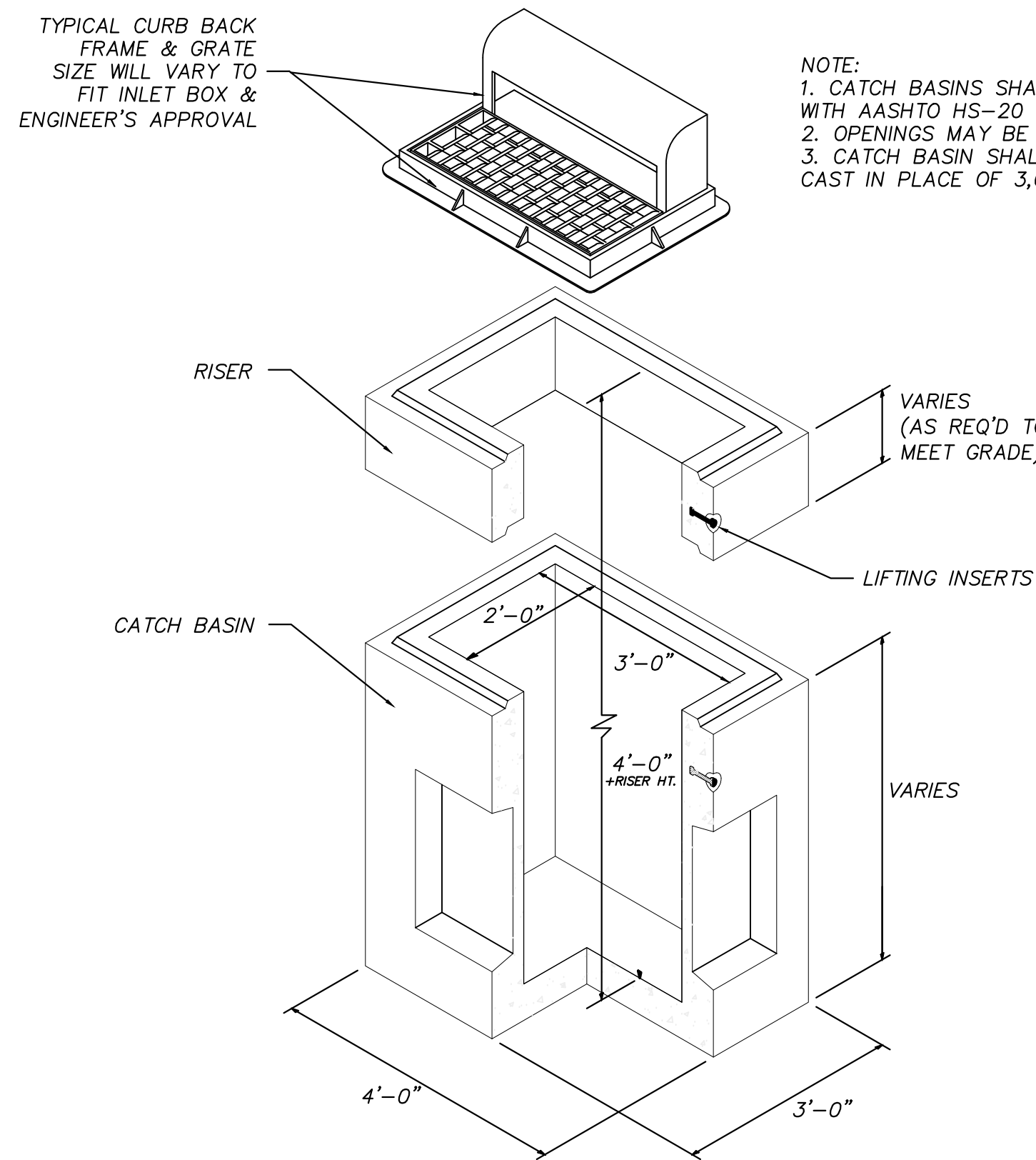


- NOTES:
1. CONCRETE SHALL BE 4500 PSI - 28 DAY STRENGTH
 2. PROVIDE CONTRACTION JOINTS @ 10'-0" O.C.
 3. PROVIDE EXPANSION JOINTS @ 50'-0" O.C.

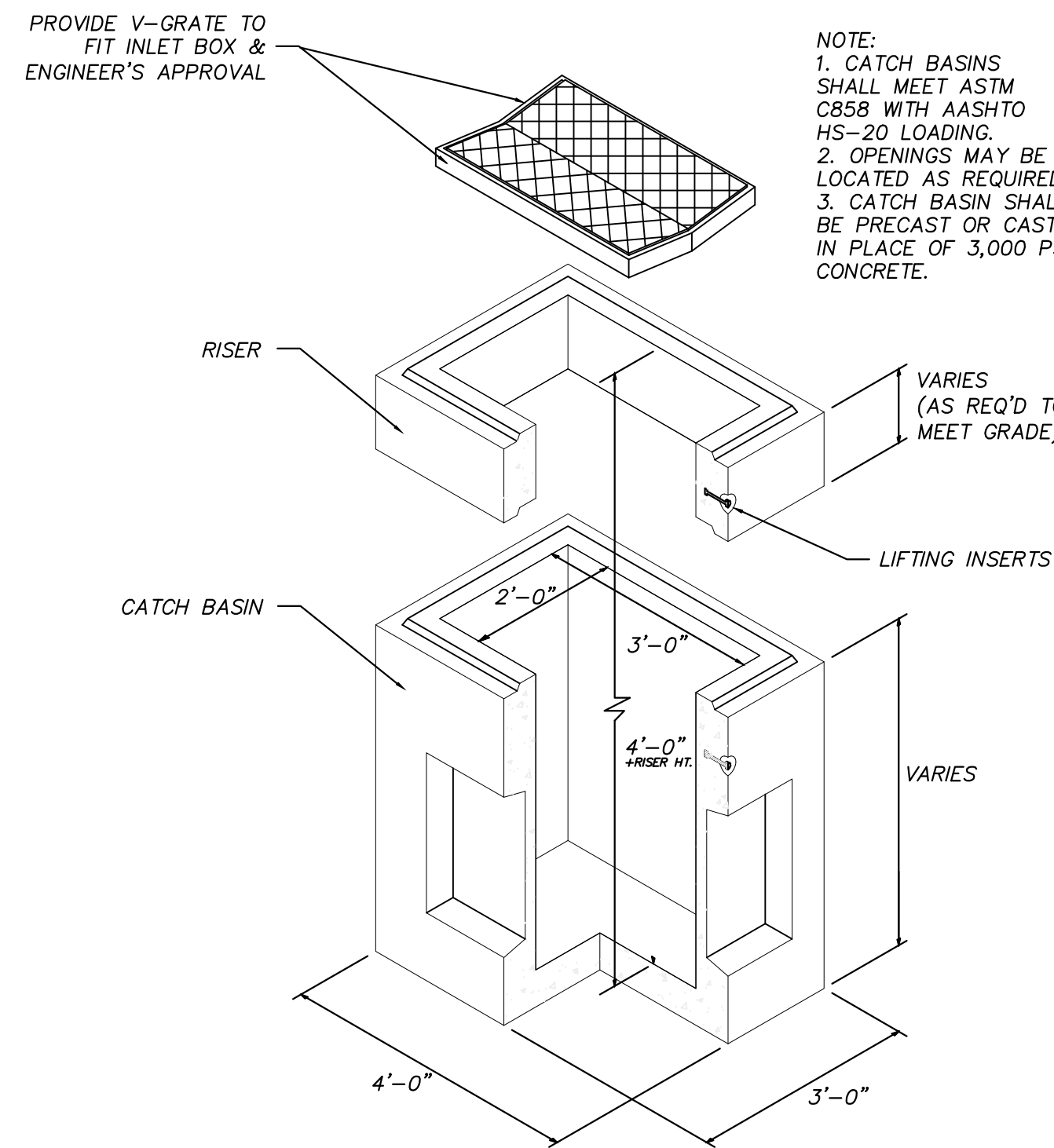
5 ON-SITE CURB AND GUTTER SECTION
SCALE: NTS

DESCRIPTION					
NO.	DATE				
DETAIL SHEET					
MURDOCK CAR WASH 3151 NORTH MAIN STREET HYDE PARK, UTAH 84341					
Cache • Landmark Engineers Surveyors Planners 95 Golf Course Rd. Suite 101 Logan, UT 84321 435.713.0099					
DATE: 10 FEBRUARY 2021					
SCALE: NTS					
DESIGN BY: J. JENSEN					
CHECKED BY: S. EARL					
APPROVED BY: S. EARL					
PROJECT NUMBER: 20090MRD					
SHEET: C-5.0					

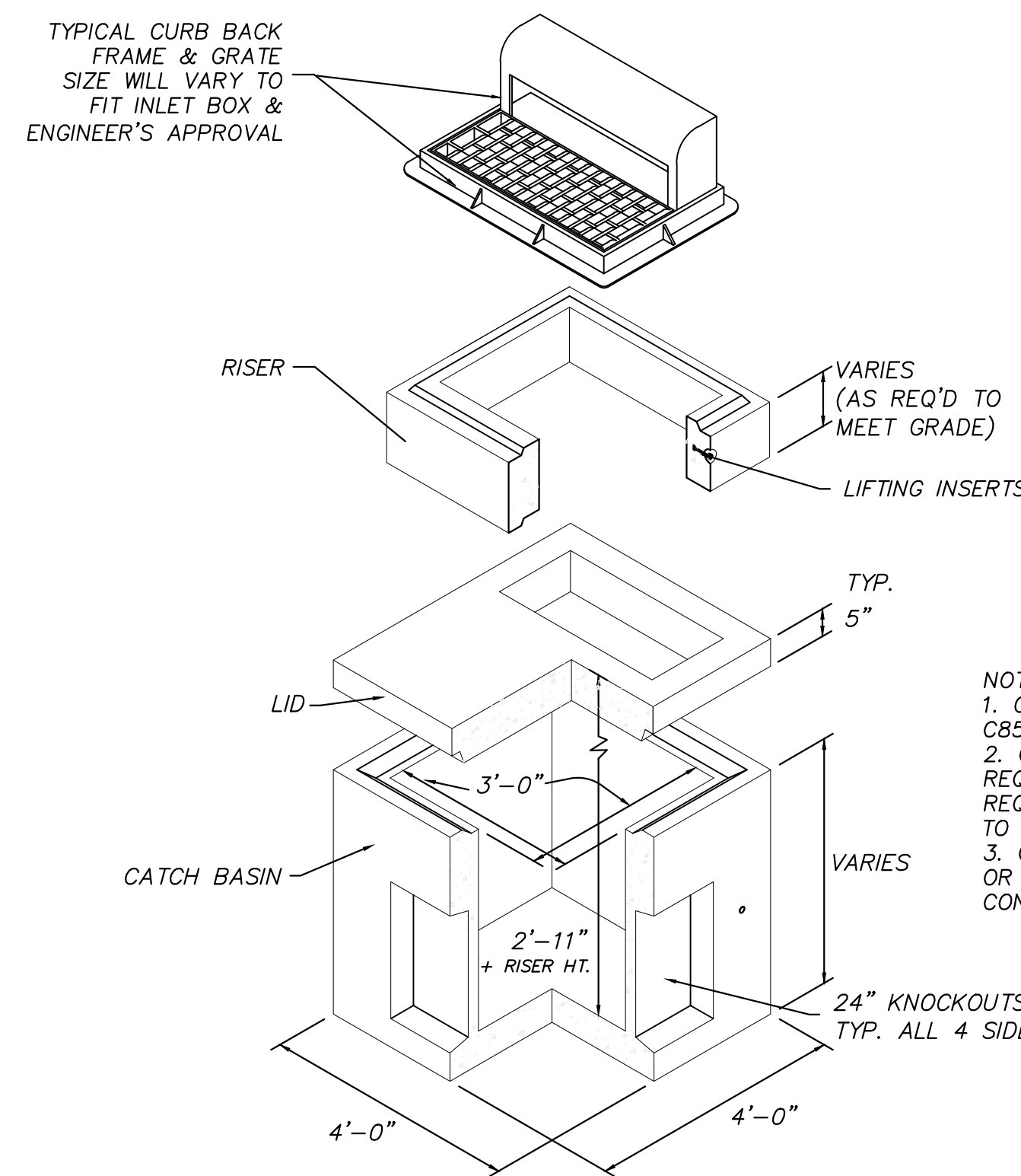
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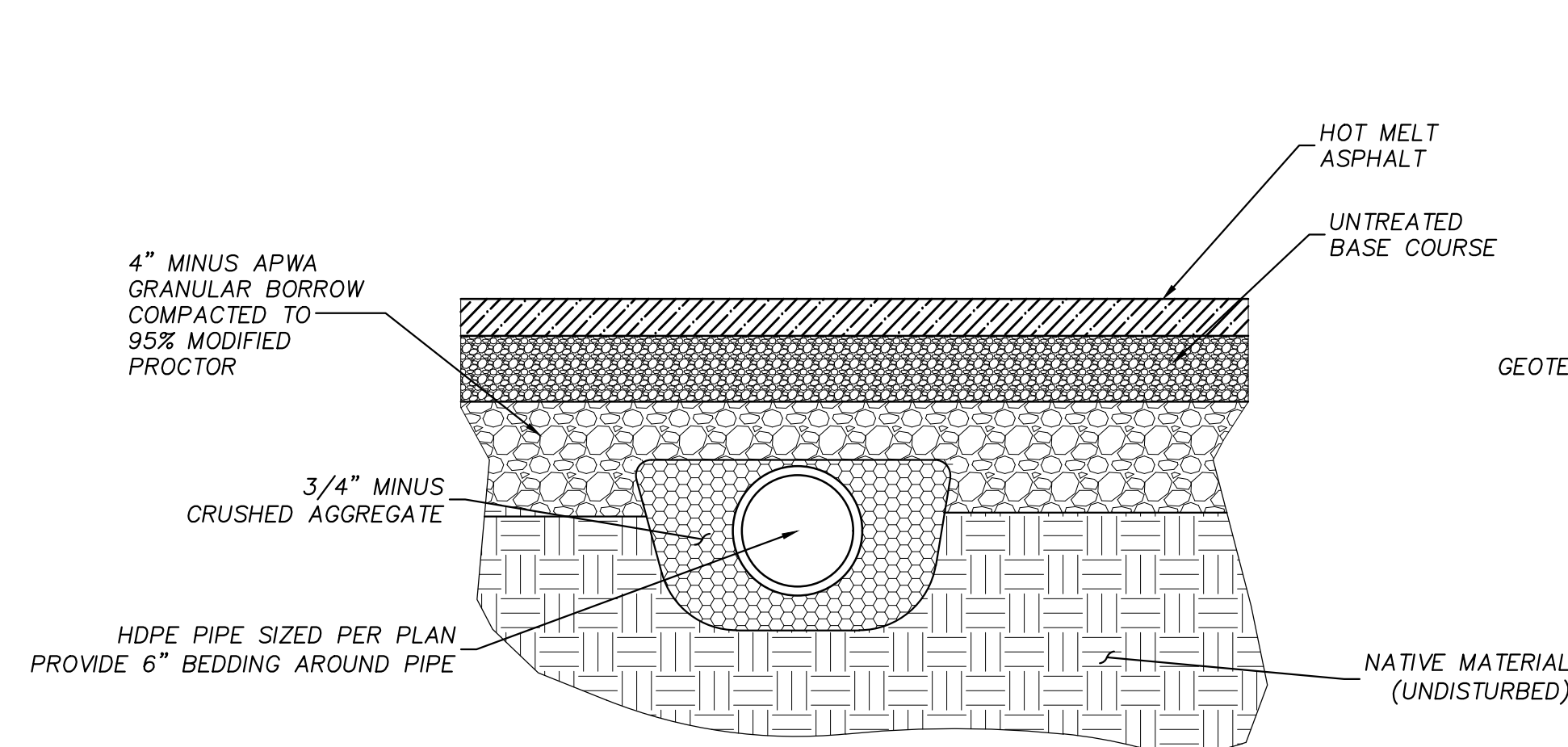
6 2'X3' STORM DRAIN CURB BOX
SCALE: NTS



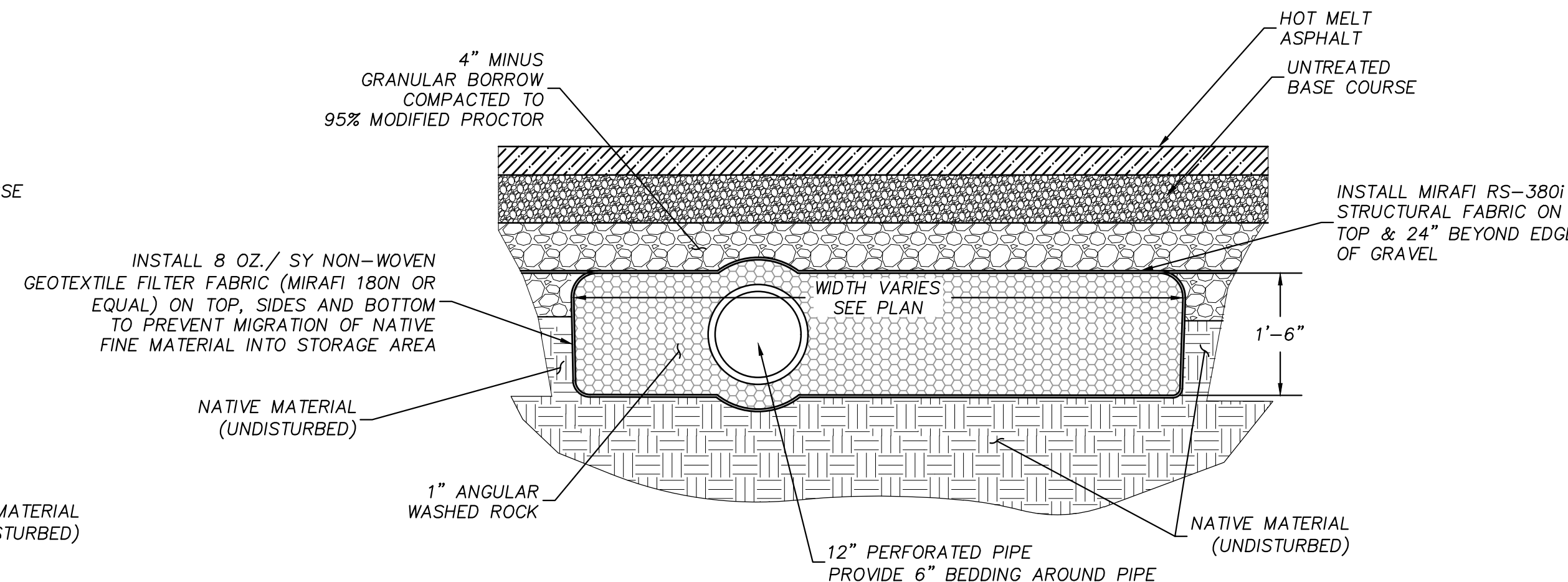
7 2'X3' STORM DRAIN BOX W/ V-GRATE
SCALE: NTS



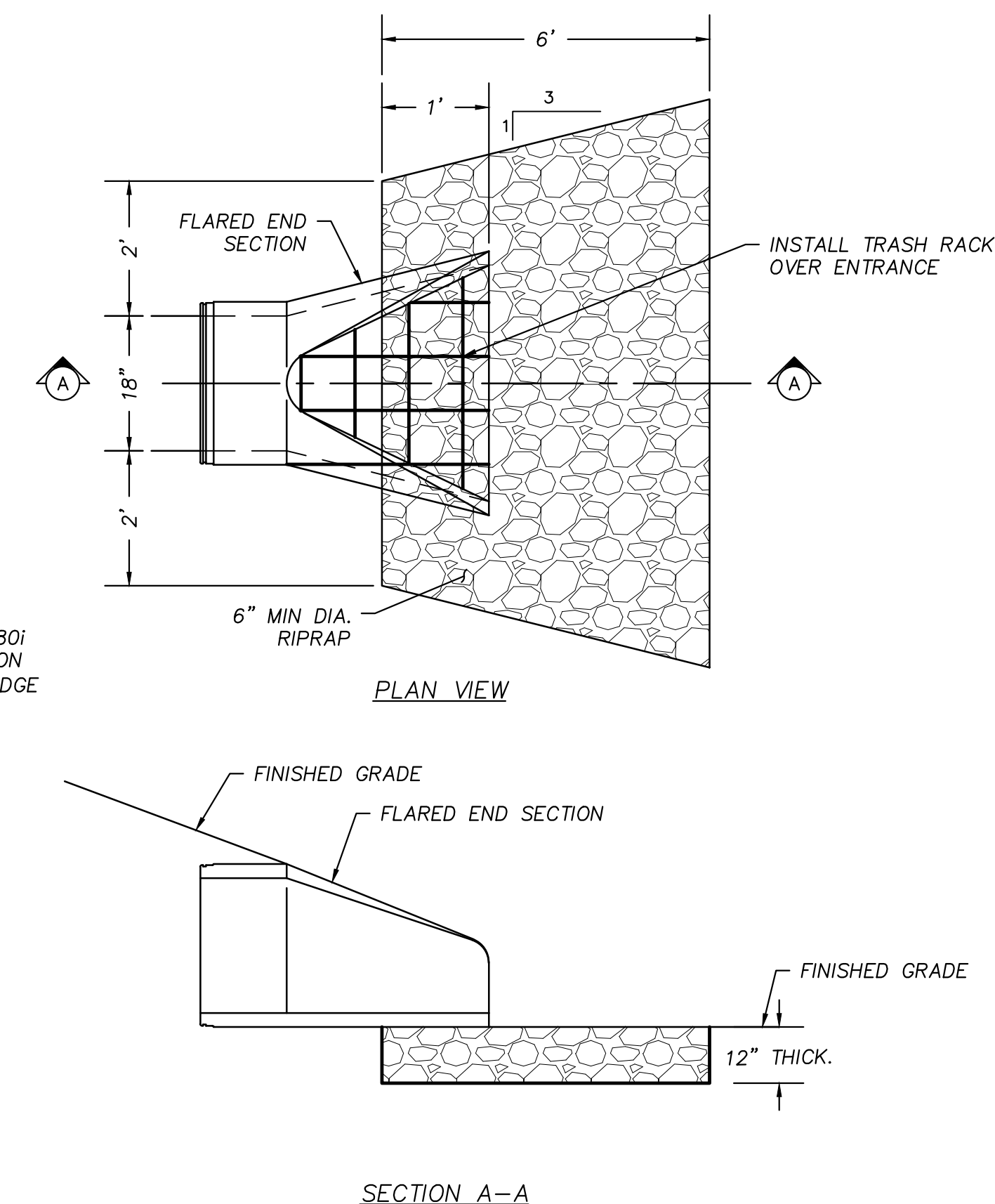
8 3'X3' JUNCTION BOX W/ SNOUT
SCALE: NTS



9 HDPE STORM DRAIN PIPE SECTION
SCALE: NTS



10 UNDERGROUND STORM WATER GRAVEL DETENTION
SCALE: NTS



11 FLARED END WITH TRASH RACK
SCALE: NTS



DETAIL SHEET

MURDOCK CAR WASH
3151 NORTH MAIN STREET
HYDE PARK, UTAH 84341



Engineers
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Planners

95 Golf Course Rd.
Suite 101
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DATE:
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SCALE:
NTS

DESIGN BY:

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S. EARL

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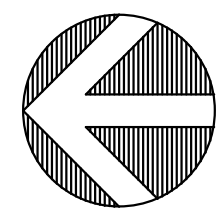
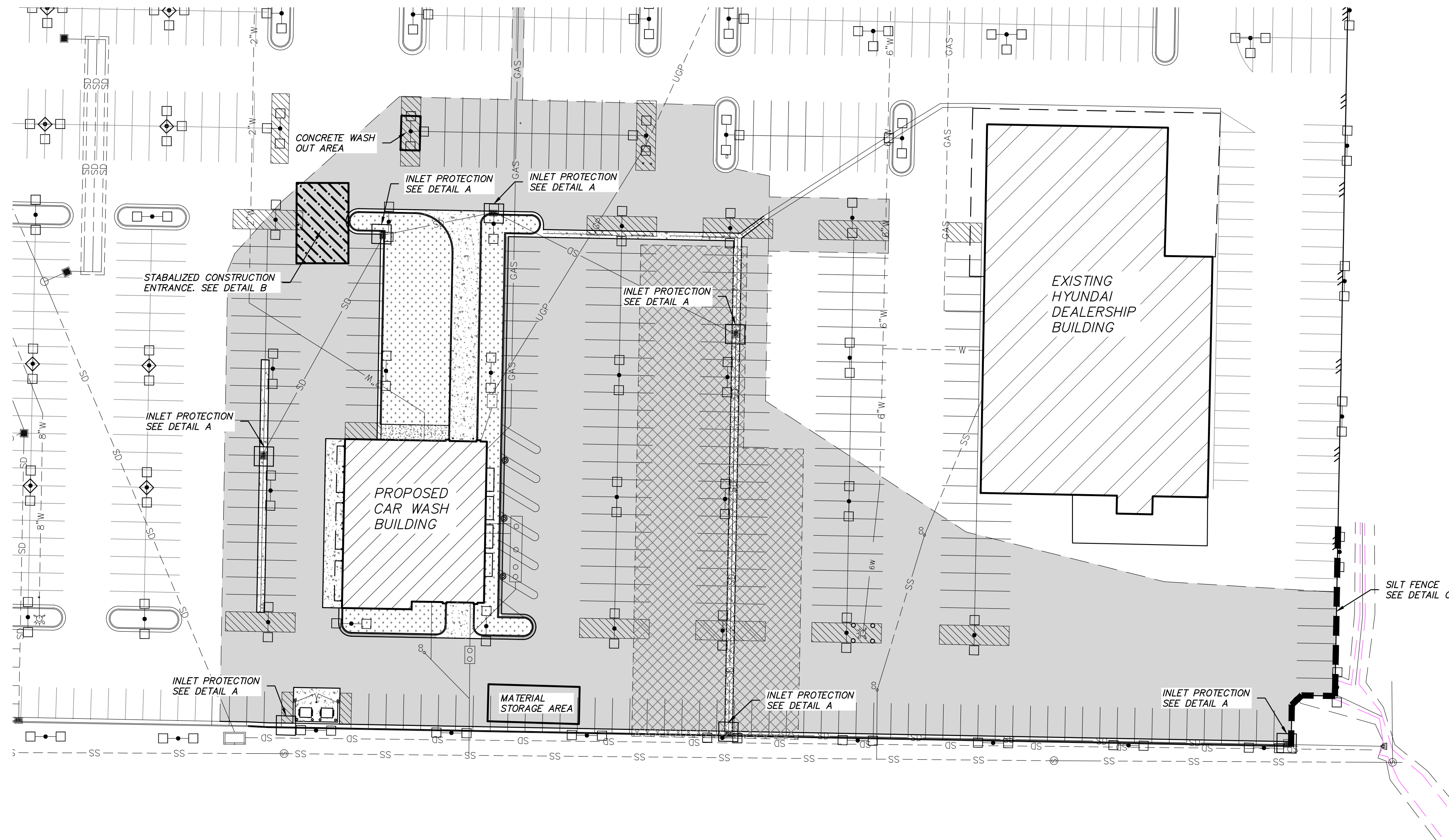
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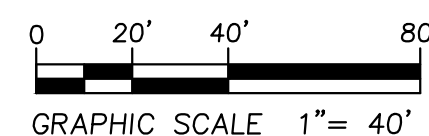
CITY REVIEW SET

PLOTTED February 10, 2021 By Jeremy Jensen FILE 2:2020 PROJECTS\2020\0408 MURDOCK CARWASH - HYDE PARK, UT\A040 CONSTRUCTION DOCUMENTS\04080408 C-6.0 EROSION CONTROL PLAN.dwg



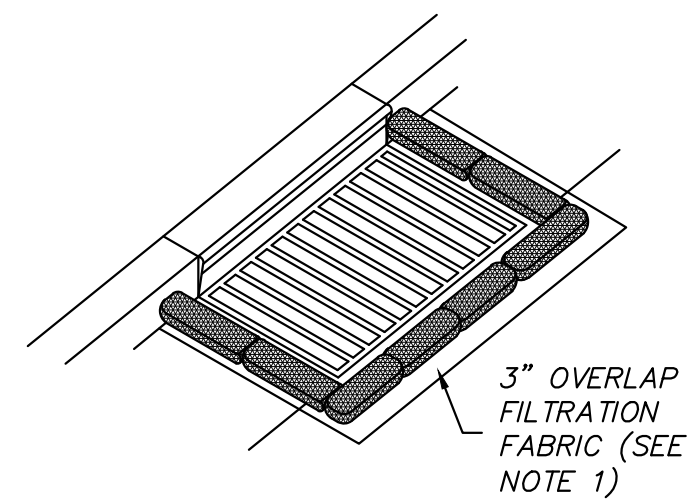
EROSION CONTROL PLAN

SCALE: 1"=40'

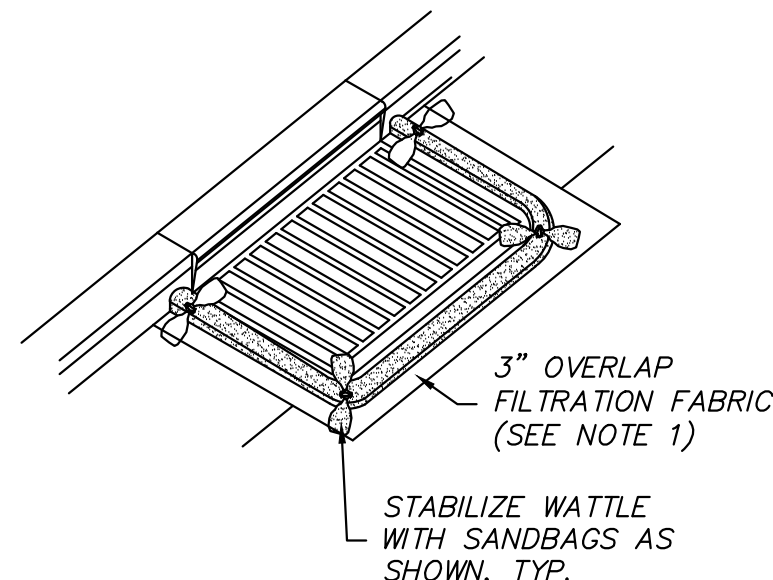


STABILIZATION & POST-CONSTRUCTION BEST MANAGEMENT PRACTICES (BMP(S)):

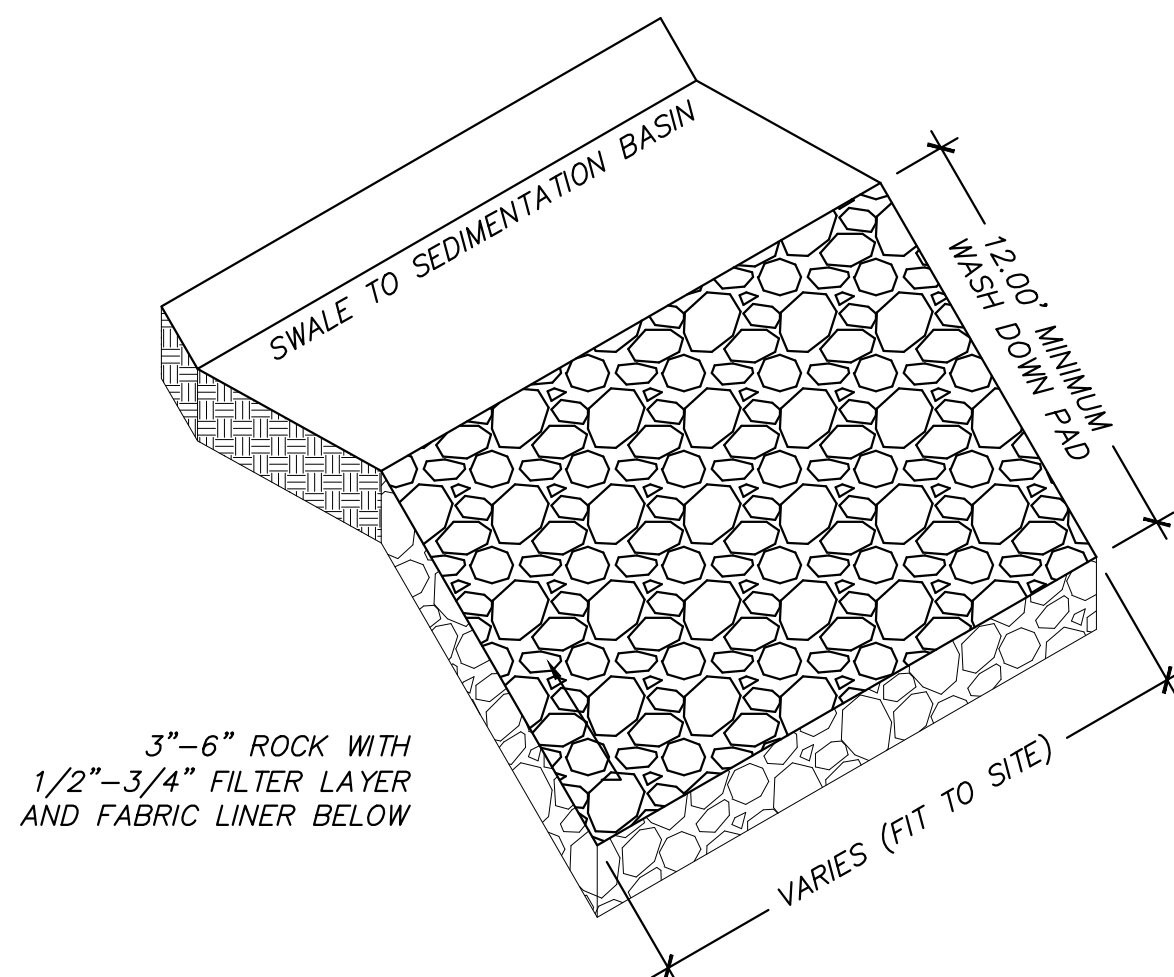
1. THE SITE SHALL BE STABILIZED ONCE FINAL GRADE HAS BEEN ACHIEVED AND LANDSCAPING HAS BEEN INSTALLED.
2. ONCE CONSTRUCTION IS COMPLETE, THE STORM DRAIN AND STORMWATER DETENTION SYSTEM SHALL BE STABILIZED, INSPECTED, AND MAINTAINED.
3. MAINTENANCE SHALL INCLUDE THE REMOVAL OF DEPOSITED SEDIMENT AS NECESSARY, ENSURING NO OBSTRUCTIONS OCCUR WHICH MAY IMPEDE DESIRED FLOWS.
4. INSPECTIONS SHALL TAKE PLACE AS DEFINED IN THE SWPPP OR FOLLOWING STORM EVENTS.
5. REFER TO THE CITY OF LOGAN STORMWATER MANAGEMENT BMP MAINTENANCE AGREEMENT FOR ADDITIONAL POST-CONSTRUCTION STORMWATER BMP MAINTENANCE INSTRUCTIONS.



SANDBAG OPTION

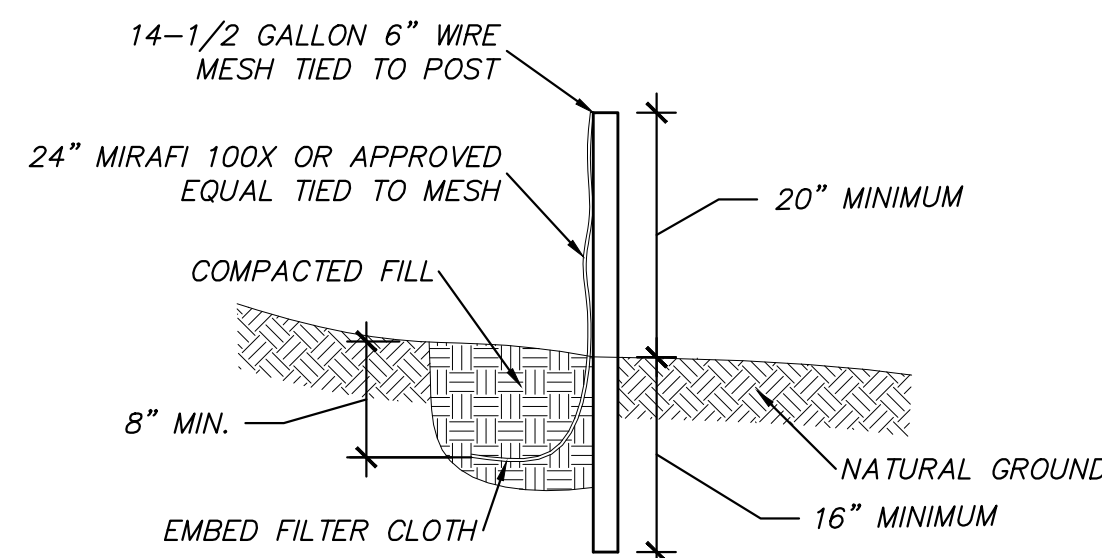


WATTLE OPTION



B STABILIZED CONSTRUCTION ENTRANCE

SCALE: NTS



EROSION CONTROL NOTES:

1. NO EARTH SHALL BE MOVED UNTIL EROSION CONTROL MEASURES ARE IN PLACE.
2. EROSION CONTROL MEASURES SHALL BE MAINTAINED AND REMAIN IN PLACE UNTIL RE-VEGETATION MEASURES HAVE BEEN ESTABLISHED.

SILT FENCE INSTALLATION NOTES:

1. POSTS SPACED 10' O.C. MAX.
2. FILTER CLOTH TO BE TIED TO MESH EVERY 24" AT TOP AND MIDDLE WITH 6" FOLDED OVERLAP AT VERTICAL SEAMS.
3. FENCE SHALL BE MAINTAINED AND ACCUMULATED MATERIAL REMOVED.

EROSION CONTROL GENERAL NOTES:

1. GENERAL INFORMATION

THE EROSION CONTROL PLAN IS DIAGRAMMATIC AND IS INTENDED TO BE VIEWED AS A GUIDELINE FOR LOCATING AND IMPLEMENTING EROSION CONTROL BEST MANAGEMENT PRACTICES (BMPs). IT IS THE CONTRACTOR'S RESPONSIBILITY TO FINALIZE THE TYPE AND LOCATION OF ALL BMPs IN ORDER TO MEET THE REGULATIONS OF THE STATE OF UTAH.

CONTRACTOR TO IMPLEMENT CONSTRUCTION SEQUENCE IDENTIFIED IN THE STORMWATER POLLUTION PREVENTION PLAN.

2. LIMITS OF DISTURBANCE

THE LIMITS OF DISTURBANCE LINE SHOWN ON THIS DRAWING IS FOR MAJOR DEMOLITION AND EXCAVATION OF CIVIL RELATED ELEMENTS. IT IS ANTICIPATED THAT THERE MAY BE SOME ADDITIONAL DISTURBANCE OUTSIDE OF THESE LIMITS, PRIMARILY RELATED TO IRRIGATION/REVEGETATION IMPROVEMENTS. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING EROSION CONTROL BMPs ARE IMPLEMENTED FOR ALL EARTH DISTURBING ACTIVITIES, AND THAT DISCHARGE OF SEDIMENT LADEN RUN-OFF IS NOT PERMITTED.

3. STREET CLEANING:

IF SEDIMENT IS TRANSPORTED ON TO THE STREET AND/OR EXISTING PARKING AREAS IT SHALL BE REMOVED ON A DAILY BASIS. SEDIMENT SHOULD BE SHOVELED AND/OR SWEEPED FROM THE ASPHALT OR CONCRETE SURFACE AND DISPOSED OF IN A MANNER, WHICH PREVENTS CONTAMINATION WITH STORMWATER OR SURFACE WATER (E.G., COVERED SOIL STOCKPILE). IN ADDITION, A STREET SWEEPER MAY BE USED TO MAINTAIN CLEAN HARDSCAPE AREAS ON AN AS-NEEDED BASIS. ALL ADJACENT PARKING LOT AREAS TO THE SITE SHALL ALSO BE SWEEPED DURING WORK DAYS AND AT OTHER TIMES AS NEEDED IN ORDER TO KEEP THE TRAVELED WAY CLEAN FROM MUD, DUST, SILT, AND DEBRIS.

4. VEHICLE WASH-DOWN:

THE STABILIZED CONSTRUCTION ACCESSSES MAY BE CONSTRUCTED TO SERVE AS A TEMPORARY TRUCK WASH STATION TO ENSURE CONTROL OF SEDIMENT AT THE CONSTRUCTION EXIT POINT OR A SEPARATE WASH-DOWN AREA SHALL BE PROVIDED. THE WASH-DOWN SYSTEM CONSISTS OF A COBBLE PAD (STABILIZED AREA) LINED BELOW WITH FILTER FABRIC, GRADED TO DRAIN AND CONNECT TO THE ADJACENT DRAINAGE SWALE AND CONVEY WATER TO A TEMPORARY SEDIMENTATION BASIN TO COLLECT WASH WATER FOR SETTLEMENT OF DEBRIS. WASH WATER MAY BE RE-USED AFTER SETTLING, INFILTRATED ON SITE, OR TRANSPORTED OFF SITE FOR DISPOSAL. ACCUMULATED SEDIMENTS MAY BE REUSED ON SITE OR DISPOSED OF OFF SITE.

5. CONCRETE CLEANOUT BASIN:

A DUMPSTER OR LINED BASIN SHALL BE PLACED NEAR THE ENTRANCE/EXIT TO THE SITE AND ALL CONCRETE DELIVERY VEHICLES SHALL BE REQUIRED TO WASH OUT ONLY INTO THE DUMPSTER/BASIN. CONTRACTOR SHALL REMOVE WASTE AND DISPOSE OF IN A LAWFUL MANNER AS NECESSARY. CONCRETE WASH OUT MAY NOT BE DISPOSED OF ON-SITE OR ALLOWED TO INFILTRATE.

6. DUST CONTROL:

SOILS, GRAVELS, AND ETC., WHETHER STOCKPILED OR PLACED, SHALL BE KEPT COVERED AND/OR ADEQUATELY MOIST TO PREVENT AIRBORNE DUST FROM LEAVING THE SITE. ALL CONSTRUCTION AREAS AND EXISTING PAVED AREAS SHALL BE KEPT ADEQUATELY MOIST TO PREVENT AIRBORNE DUST FROM LEAVING THE SITE.

7. DRAIN INLET PROTECTION:

ALL EXISTING STORM DRAIN INLETS WITHIN THE PROJECT AREA OR WHICH MAY RECEIVE RUNOFF FROM THE PROJECT AREA SHALL BE PROTECTED ON-SITE. INLET PROTECTION TO BE INSTALLED AND APPROVED/INSPECTED PRIOR TO ANY EARTH DISTURBING ACTIVITIES.

ALL STORM DRAINS, SUMPS, AND STORM DRAIN PIPES THAT ARE INSTALLED OR MADE OPERABLE DURING CONSTRUCTION SHALL BE PROTECTED TO PREVENT STORM WATER FROM ENTERING WITHOUT FIRST BEING FILTERED OR TREATED TO REMOVE SEDIMENT. METHOD OF PROTECTION SHALL BE AS SHOWN OR APPROPRIATE TO NEED.

8. SILT FENCING:

SILT FENCING SHALL BE INSTALLED ALONG GRADING LIMIT LINE AS SHOWN ON PLAN AND ALL OTHER LOW AREAS ALONG THE LIMIT OF DISTURBANCE LINE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO WALK THE PERIMETER OF THE CONSTRUCTION SITE AND TO DETERMINE ALL APPROPRIATE LOCATIONS FOR SILT FENCING TO PREVENT SEDIMENT LADEN DISCHARGE FROM LEAVING THE SITE. SILT FENCING MAY BE COORDINATED AND INSTALLED IN CONJUNCTION WITH OTHER BMPs TO PREVENT RUNOFF FROM LEAVING THE SITE DURING CONSTRUCTION.

9. TEMPORARY SWALE:

A TEMPORARY SWALE MAY BE INSTALLED PROVIDING CONVEYANCE FROM THE CONSTRUCTION WASHDOWN AREA TO A TEMPORARY SEDIMENTATION BASIN LOCATED ON-SITE. THE SWALE SHALL BE SIZED AS NECESSARY TO MEET THE NEED, BUT SHALL NOT EXCEED 4' WIDE AND 6" DEEP. THE SWALE SHALL BE INSTALLED IN CONJUNCTION WITH THE OTHER SELECTED BMPs TO ENSURE NO UNFILTERED RUNOFF LEAVES THE SITE.

10. TEMPORARY SEDIMENTATION BASIN:

A TEMPORARY SEDIMENTATION BASIN MAY BE USED TO ALLOW SEDIMENT TO FALL OUT OF RUNOFF FROM STORM EVENTS AND FROM THE WASHOUT AREA AND OTHER AREAS ON SITE WHERE RUNOFF IS NOT CONTAINED AND IS LIKELY TO CONTAIN SEDIMENT.

11. SANDBAGGING:

SANDBAGS MAY BE REQUIRED TO PREVENT RUNOFF ON HARDSCAPE AREAS THAT MAY NOT BE REMOVED AS PART OF DEMOLITION, AND DO NOT ALLOW FOR PROPER INSTALLATION OF SILT FENCE. SANDBAGS MAY BE USED ON EXISTING CONCRETE, ASPHALT, OR CURB AND GUTTER AREAS. SANDBAGS ARE TO BE USED TO ENSURE NO UNTREATED RUNOFF ESCAPES THE SITE.

12. INSTALLATION SEQUENCING:

INLET PROTECTION, TEMPORARY SEDIMENT BASINS, SILT FENCE, AND OTHER BMPs INTENDED TO TRAP SEDIMENT ON SITE SHALL BE INSTALLED BEFORE LAND-DISTURBING ACTIVITIES TAKE PLACE. TEMPORARY SWALE/CONVEYANCE AND STABILIZED CONSTRUCTION ACCESS AND WASH-DOWN AREAS SHOULD BE CREATED IMMEDIATELY UPON INITIAL REMOVAL OF EXISTING MATERIAL AS A PRELIMINARY STEP IN THE SITE DEMOLITION PROCESS. INLET PROTECTION MEASURES SHOULD REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE AND ALL FINISH GRADE MATERIALS HAVE BEEN PLACED.

13. OTHER SELECTED BMPs:

AS DETERMINED BY CONTRACTOR.

A INLET PROTECTION DETAIL

SCALE: NTS

B STABILIZED CONSTRUCTION ENTRANCE

SCALE: NTS

C SILT FENCE

SCALE: NTS

CITY REVIEW SET

DESCRIPTION

NO. DATE



EROSION CONTROL PLAN

MURDOCK CAR WASH
3151 NORTH MAIN STREET
HYDE PARK, UTAH 84341



Cache • Landmark
Engineers
Surveyors
Planners

95 Golf Course Rd.
Suite 101
Logan, UT 84321
435.713.0099

DATE:
10 FEBRUARY 2021

SCALE:
1"=40'

DESIGN BY:
J.JENSEN

CHECKED BY:
S. EARL

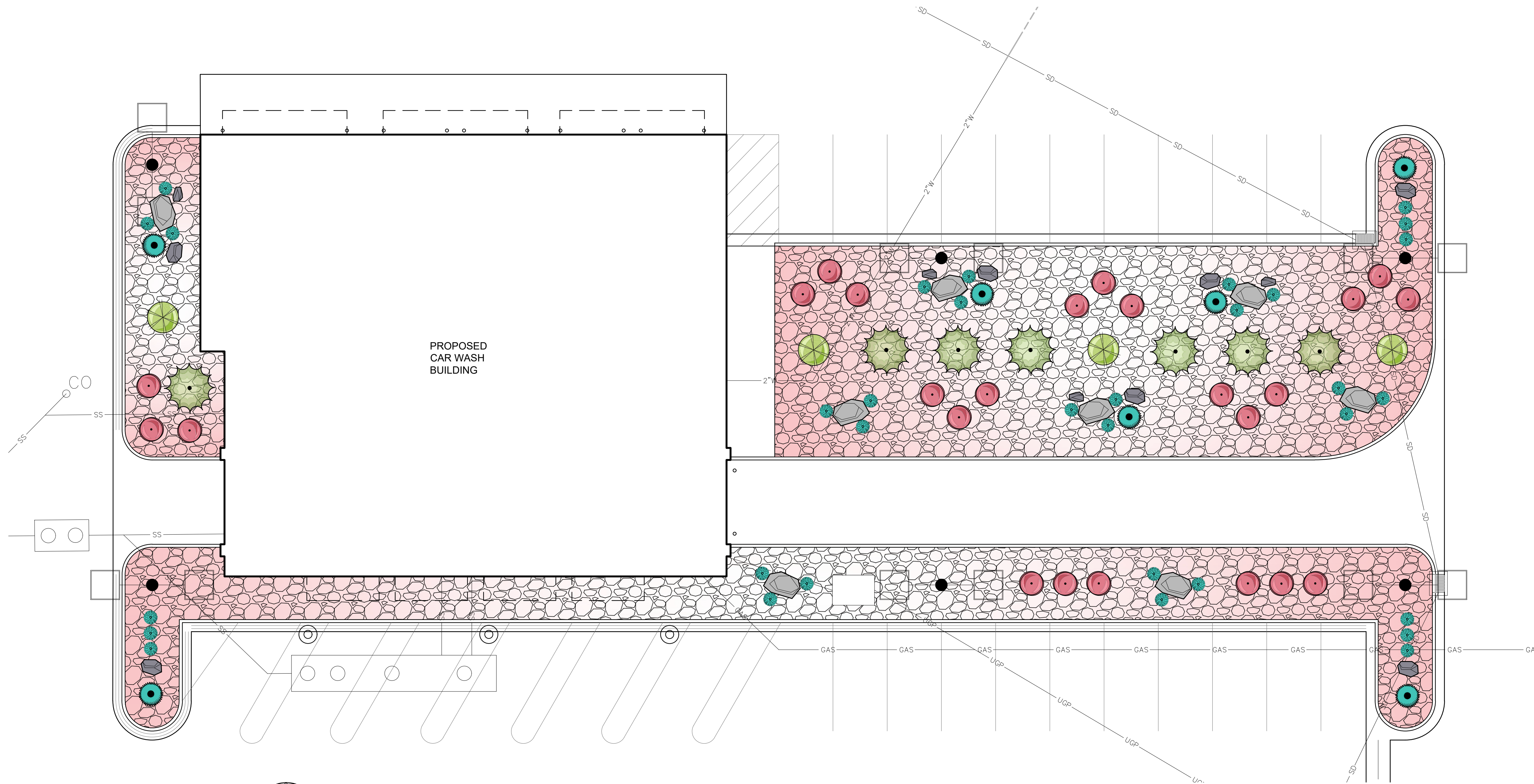
APPROVED BY:
S. EARL

PROJECT NUMBER:
20090MRD

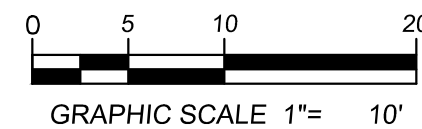
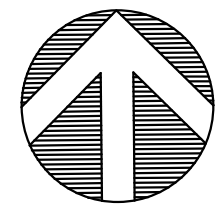
SHEET:

C-6.0

PLOTTED February 24, 2021 BY Jennifer Maughan FILE 2\2020 PROJECTS\2009MRD\MURDOCK CARWASH - HYDE PARK UTV ROAD CONSTRUCTION DOCUMENTS\2009MRD L-1.D LANDSCAPE PLAN.DWG



LANDSCAPE PLAN
SCALE: 1" = 10'



PLANT SCHEDULE

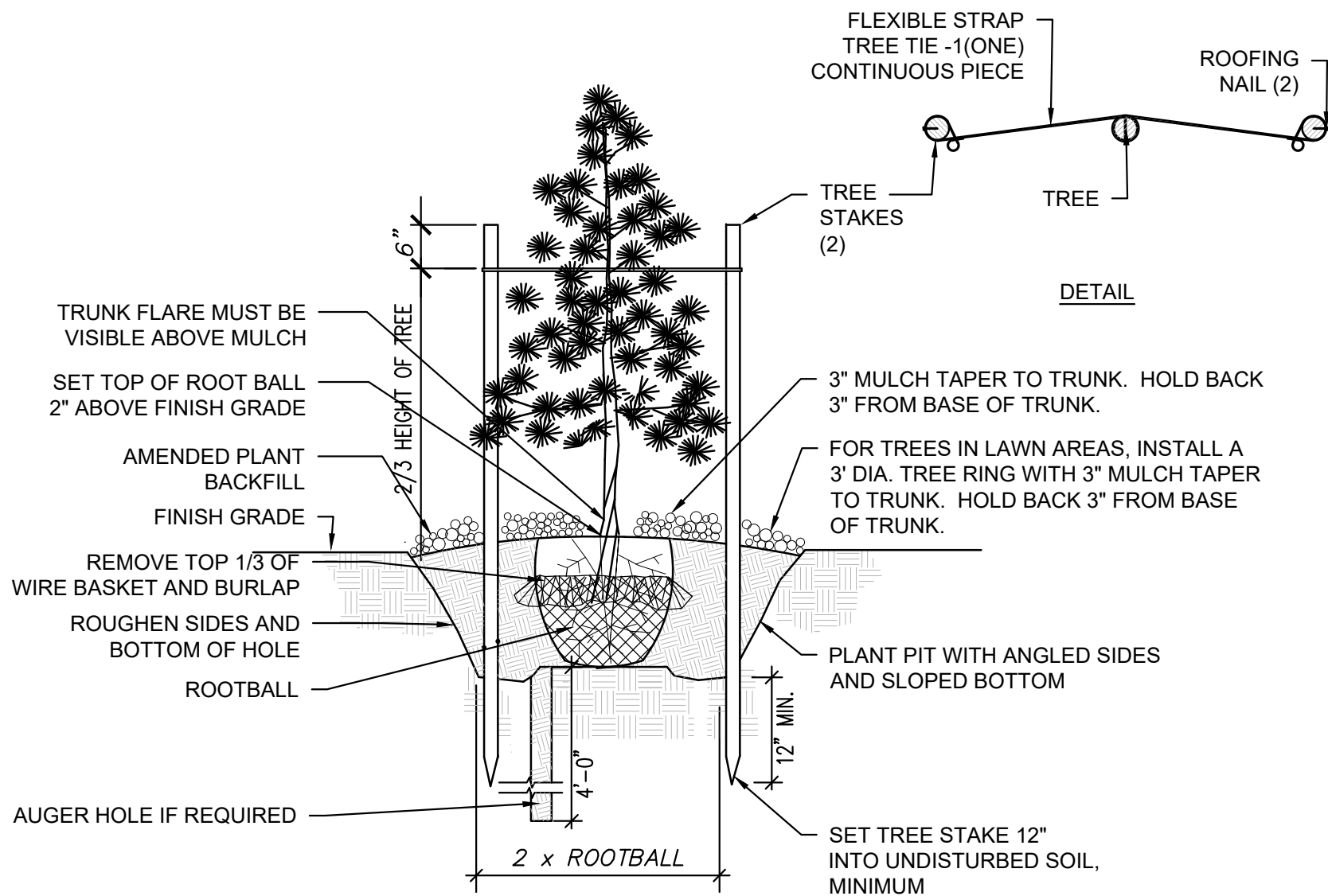
TREES	BOTANICAL NAME	COMMON NAME	QTY	
	PICEA GLAUCA 'PENDULA'	WEeping WHITE SPRUCE	7	B&B - 6' MIN DETAIL A, SHEET L-1.1
SHRUBS	BOTANICAL NAME	COMMON NAME	QTY	
	SPIRAEA BUMALDA 'B10601' PP24553	'LITTLE BONNIE' DWARF SPIRAEA	24	5 GAL DETAIL B, SHEET L-1.1
	PINUS MUGO 'SLOWMOUND'	SLOWMOUNg DWARF MUGO PINE	7	5 GAL DETAIL B, SHEET L-1.1
GRASSES	BOTANICAL NAME	COMMON NAME	QTY	
	CORTADERIA SELLOANA 'PUMILA'	IVORY FEATHERS DWARF PAMPAS GRASS	4	3 GAL DETAIL C, SHEET L-1.1
	HELIOTOTRICHON SEMPERVIRENS 'SAPPHIRE'	BLUE OAT GRASS	33	3 GAL DETAIL C, SHEET L-1.1
GROUND COVERS	BOTANICAL NAME	COMMON NAME	QTY	
	4" DEEP, 1.5" SOUTHTOWN COBBLE, FOUND AT UTAH LANDSCAPING ROCK		6,613 SF	DETAIL D, SHEET L-1.1
	2' - 4' GREY LANDSCAPE BOULDERS, 2' MIN SIZE ANY DIRECTION		19	DETAIL E, SHEET L-1.1

GENERAL PLANTING NOTES

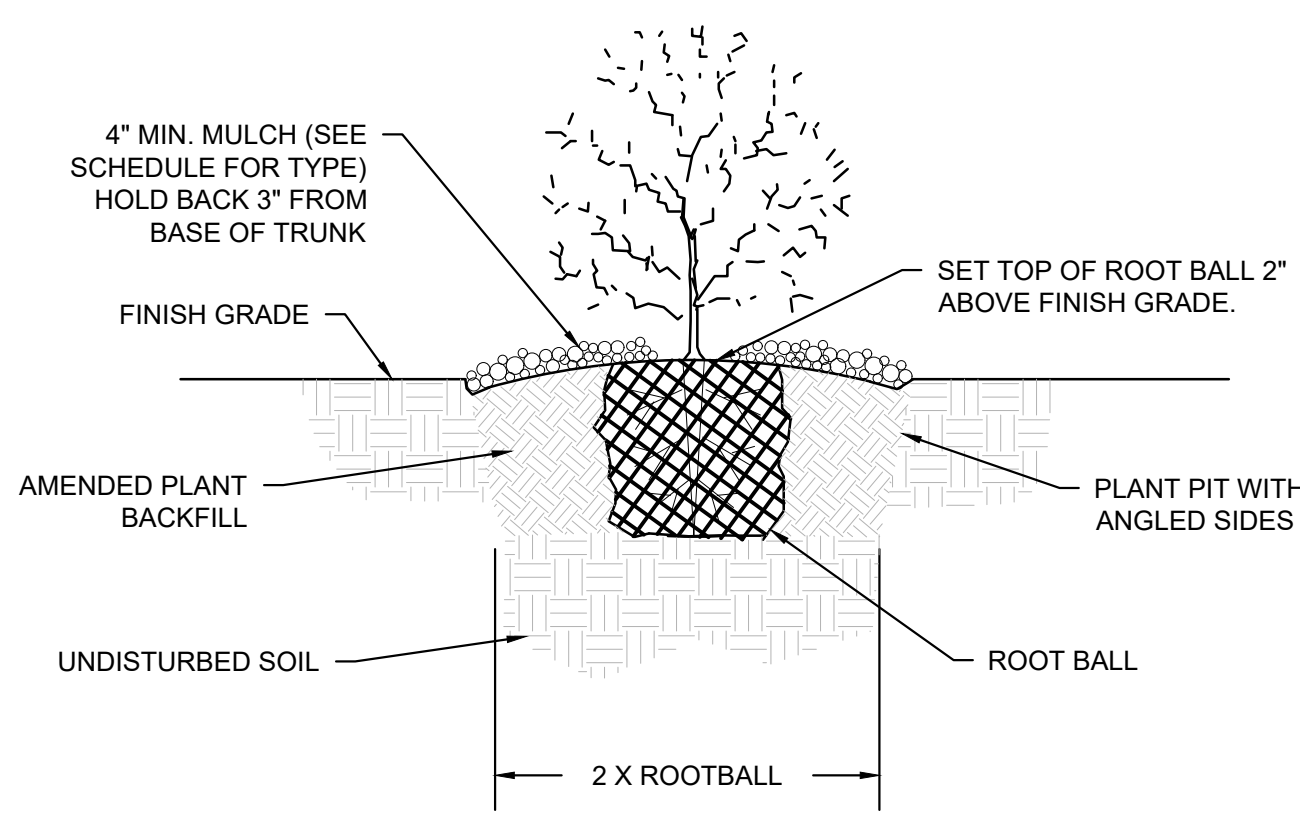
1. PLANTING PLAN IS DIAGRAMMATIC. CONTRACTOR SHALL VERIFY PLANT QUANTITIES AND NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES BETWEEN PLANT SYMBOLS AND QUANTITIES PRIOR TO PURCHASE ORDER.
2. THE LANDSCAPE PLAN IS TO BE USED IN CONJUNCTION WITH THE IRRIGATION, CIVIL, MECHANICAL, ELECTRICAL AND ARCHITECTURAL SITE PLANS TO FORM COMPLETE INFORMATION REGARDING THIS SITE. CONTRACTOR TO COORDINATE ALL UTILITIES WITH PLANTINGS AS SHOWN HERE.
3. **UNLESS OTHERWISE INDICATED ON PLAN,** ALL PLANTING BEDS TO RECEIVE 4" DEPTH OF 1 1/2" COBBLE MULCH, OVER APPROVED WEED BARRIER FABRIC. FABRIC SHALL BE INSTALLED AFTER PRE-EMERGENT HAS BEEN APPLIED. SEE PLANT SHEET L-1.1 DETAIL E.
4. AUTOMATIC IRRIGATION SYSTEM REQUIRED AND TO BE PROVIDED BY CONTRACTOR (DESIGN-BUILD). CONTRACTOR TO INSTALL BACKFLOW PREVENTION TO MEET STATE AND LOCAL STANDARDS.

DESCRIPTION	
NO.	DATE
PLANTING PLAN	
MURDOCK CAR WASH 3151 NORTH MAIN STREET HYDE PARK, UTAH 84341	
Cache • Landmark Engineers Surveyors Planners 95 Golf Course Rd. Suite 101 Logan, UT 84321 435.713.0099	
DATE:	10 FEBRUARY 2021
SCALE:	1"=10'
DESIGN BY:	J. MAUGHAN
CHECKED BY:	S. EARL
APPROVED BY:	S. EARL
PROJECT NUMBER:	20090MRD
SHEET:	L-1.0

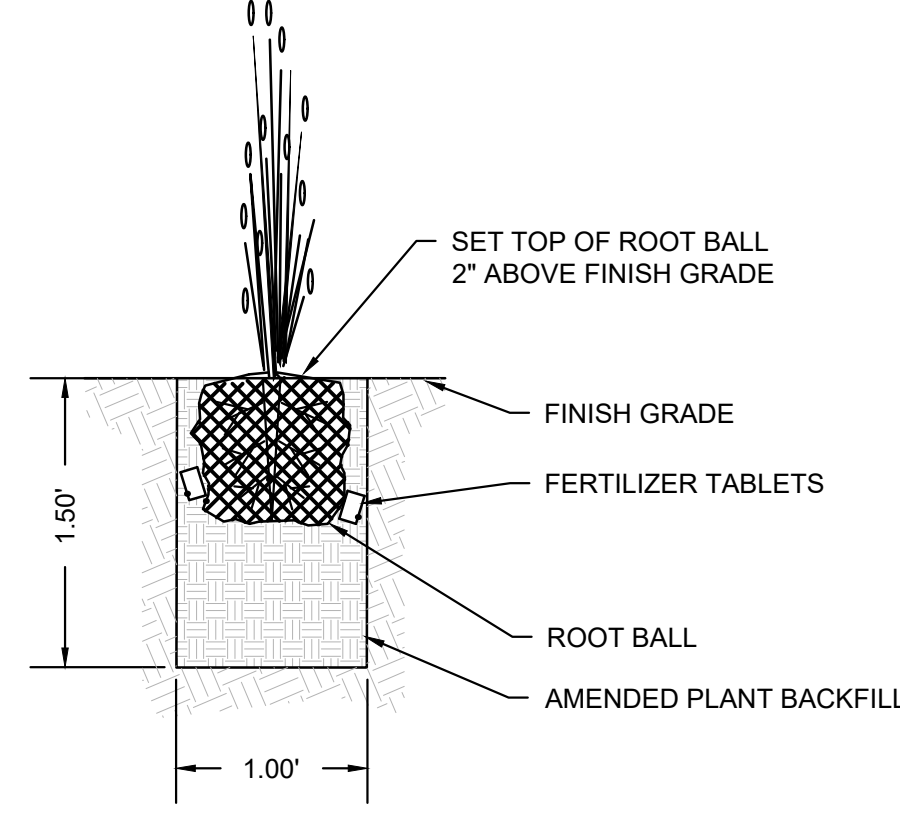
CITY REVIEW SET



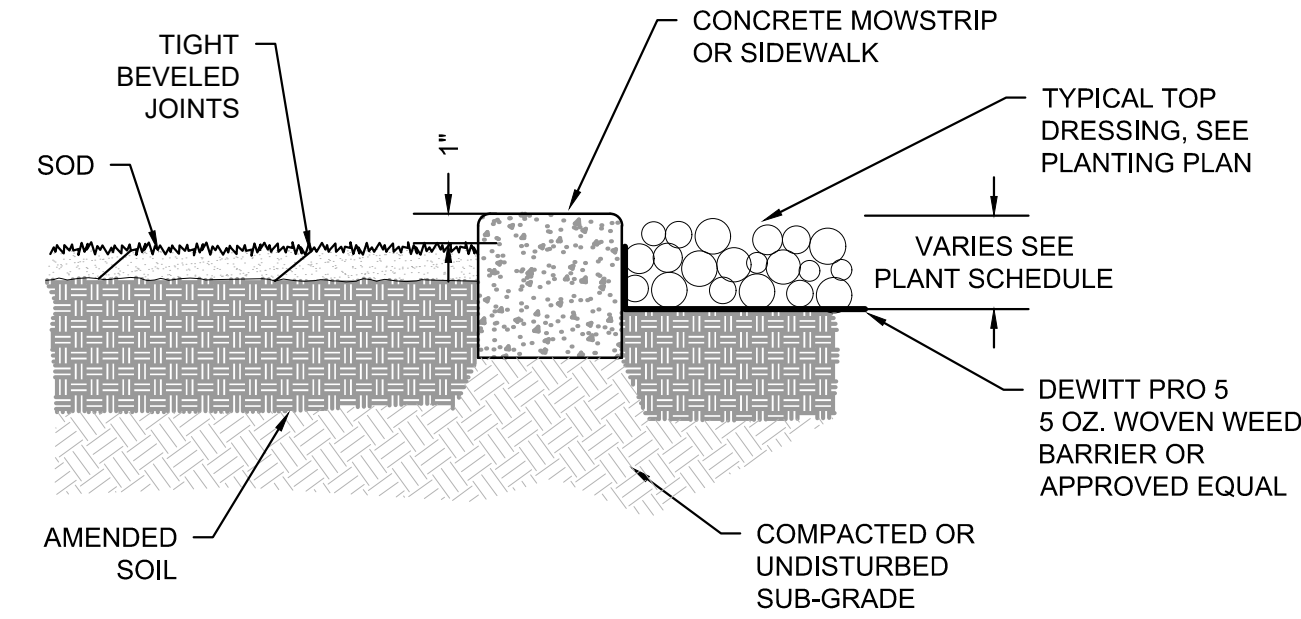
A EVERGREEN PLANTING DETAIL
1" = 1'-0" T-PL-CLM-07



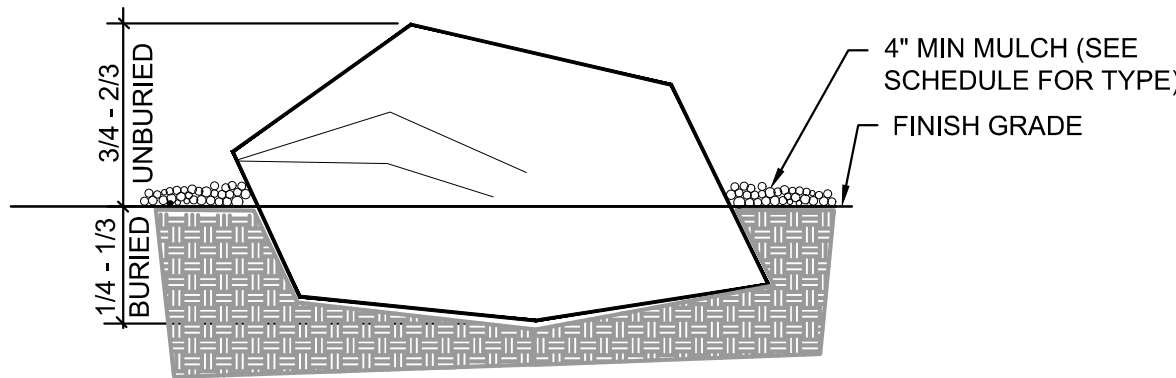
B SHRUB PLANTING DETAIL
N.T.S. T-PL-CLM-01



C PERENNIAL PLANTING DETAIL
N.T.S. T-PL-CLM-03



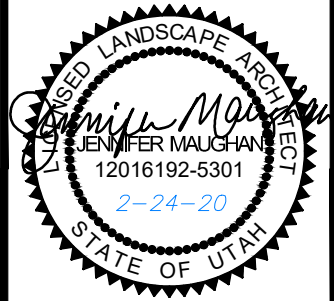
F SOD, AND MULCH DETAIL
N.T.S. T-PL-CLM-06



E BOULDER PLACEMENT DETAIL
N.T.S. T-PL-CLM-08

PLOTTED February 24, 2021 BY Jennifer Maguin FILE 23\2020 PROJECTS\2009MRD\MURDOCK CARWASH - HYDE PARK UT\ROAD CONSTRUCTION DOCUMENTS\2009MRD - L-1.D LANDSCAPE PLANNING

DESCRIPTION	NO.	DATE



PLANTING DETAILS

MURDOCK CAR WASH
3151 NORTH MAIN STREET
HYDE PARK, UTAH 84341



Cache • Landmark
Engineers
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95 Golf Course Rd.
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SHEET:

L-1.1

CITY REVIEW SET