

THE STANDARD IN ENGINEERING

45 W 10000 S, Suite 500

Phone: 801.547.1100

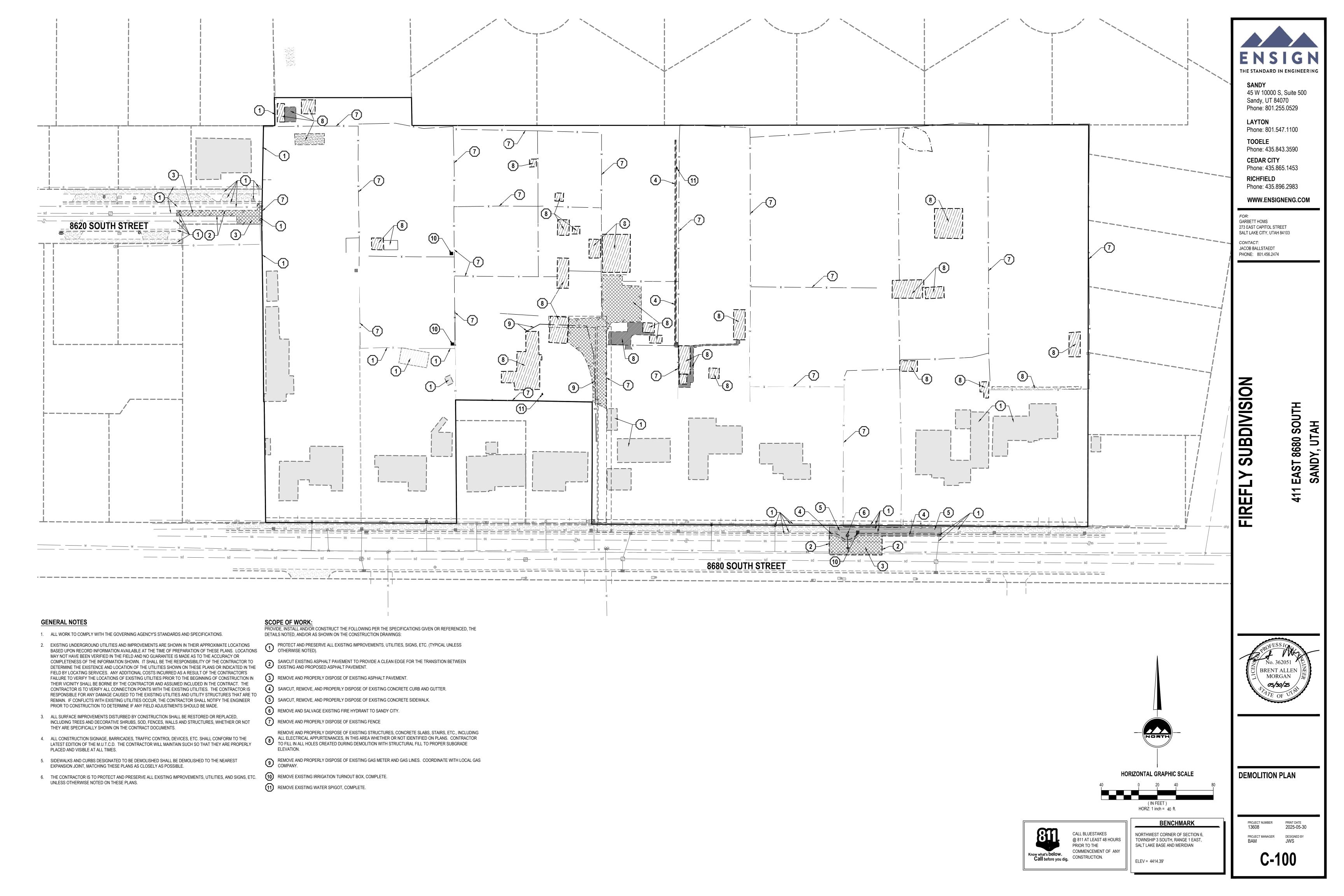
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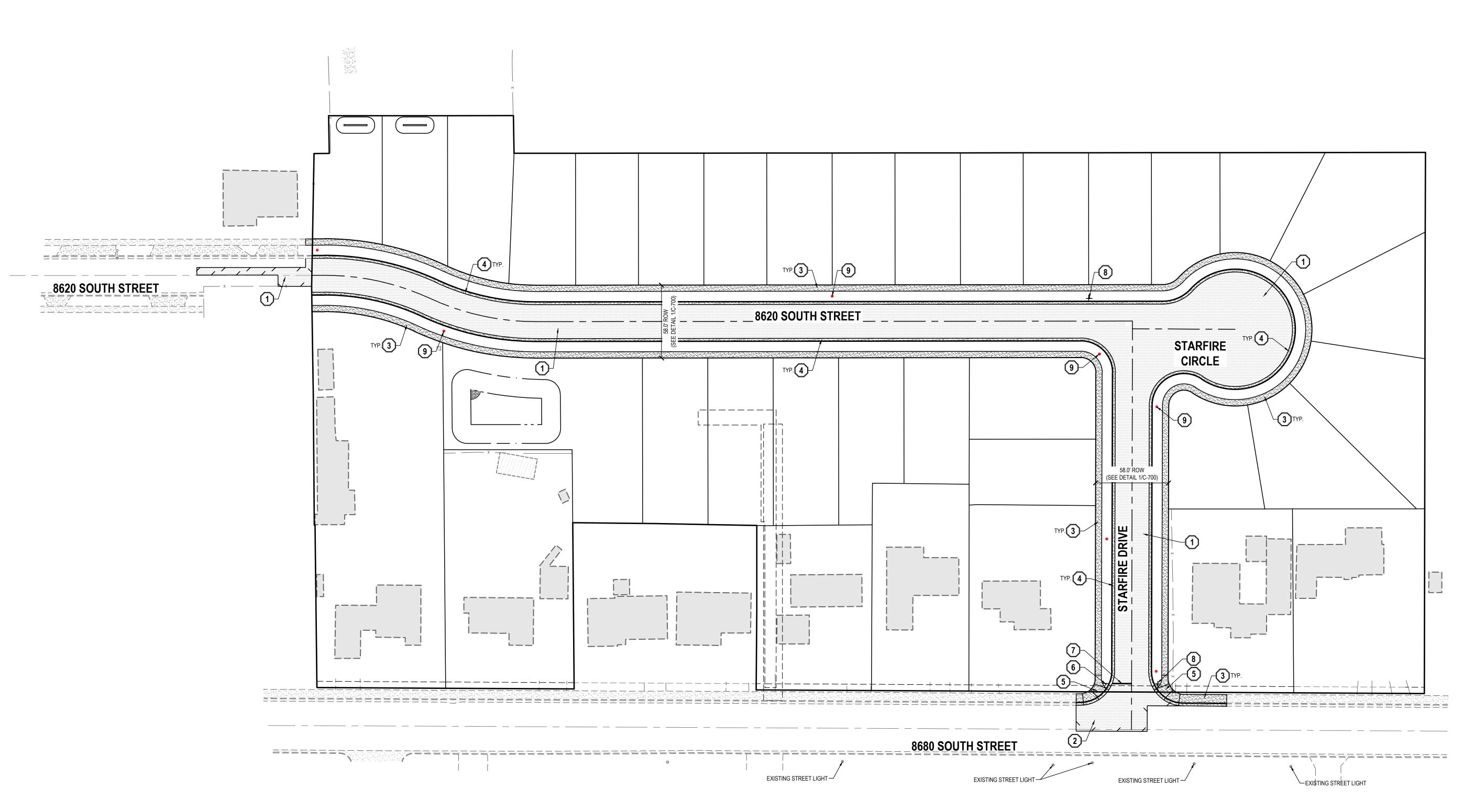
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84070

5/30/25 Ng. 286882 É | ∕PATRICK M. HARRIS

PRINT DATE 2025-05-30 PROJECT MANAGER DESIGNED BY





- 1. ALL WORK TO COMPLY WITH THE GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
- 2. ALL IMPROVEMENTS MUST COMPLY WITH ADA STANDARDS AND RECOMMENDATIONS.
- THROUGHOUT SITE. 4. ALL PAVEMENT MARKINGS SHALL CONFORM TO THE LATEST EDITION OF THE M.U.T.C.D. (MANUAL ON UNIFORM

3. SEE LANDSCAPE/ARCHITECTURAL PLANS FOR CONCRETE MATERIAL, COLOR, FINISH, AND SCORE PATTERNS

- TRAFFIC CONTROL DEVICES).
- 5. ALL SURFACE IMPROVEMENTS DISTURBED BY CONSTRUCTION SHALL BE RESTORED OR REPLACED, INCLUDING TREES AND DECORATIVE SHRUBS, SOD, FENCES, WALLS AND STRUCTURES, WHETHER OR NOT THEY ARE SPECIFICALLY SHOWN ON THE CONTRACT DOCUMENTS.
- 6. NOTIFY ENGINEER OF ANY DISCREPANCIES IN DESIGN OR STAKING BEFORE PLACING CONCRETE OR ASPHALT. 5. SUBMITTALS ARE REQUIRED TO BE APPROVED BY THE ENGINEER FOR STREETLIGHTS, JUNCTION BOXES, AND 7 12" WIDE SOLID WHITE STOP BAR PER M.U.T.C.D. STANDARD PLANS.
- THE CONTRACTOR IS TO PROTECT AND PRESERVE ALL EXISTING IMPROVEMENTS, UTILITIES, AND SIGNS, ETC. UNLESS OTHERWISE NOTED ON THESE PLANS.

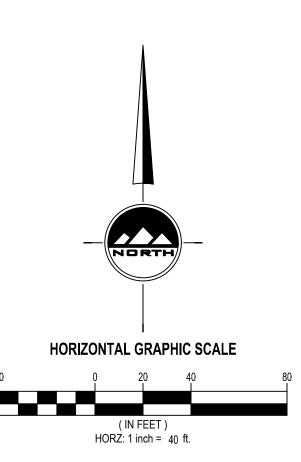
#### STREETLIGHT NOTES

- 1. NOTIFY SANDY CITY PUBLIC UTILITIES INSPECTOR (801-568-7280), AT LEAST ONE BUSINESS DAY (24 HOURS) PRIOR TO BEGINNING CONSTRUCTION.
- 2. THE DEVELOPER IS REQUIRED TO GRANT TO THE CITY A MINIMUM OF 15-FOOT WIDE STREETLIGHT EASEMENT (7.5-FEET EACH SIDE OF PIPE) FOR CONDUIT AND WIRES TO THE POWER SOURCE ON PRIVATE PROPERTY.
- 3. A PRE-CONSTRUCTION MEETING IS REQUIRED ONCE FINAL APPROVAL HAS BEEN GRANTED. THE PRE-CONSTRUCTION MEETING SHALL BE SCHEDULED THROUGH SANDY CITY PUBLIC WORKS DEPARTMENT.
- ALL CONSTRUCTION SHALL CONFORM TO THE LATEST REVISION OF THE SANDY CITY STANDARD SPECIFICATIONS AND DETAILS FOR MUNICIPAL CONSTRUCTION AND/OR OTHER REQUIREMENTS AS SET FORTH IN THE PUBLIC UTILITIES FINAL REVIEW AND APPROVAL LETTER ESTABLISHED FOR THE DEVELOPMENT. SPECIFICATIONS AND DETAILS CAN BE OBTAINED ON THE SANDY CITY WEBSITE.
- ELECTRICAL WIRING. SUBMITTALS MUST HAVE SUFFICIENT INFORMATION TO SHOW THAT THE PROPOSED ITEMS CONFORM TO SANDY CITY STANDARDS AND SPECIFICATIONS.
- INSTALLATIONS SHALL BE LOCATED AS INDICATED ON THE APPROVED PLANS FOR THE PROJECT. FIELD MODIFICATIONS MUST BE APPROVED BY THE SANDY CITY PUBLIC UTILITIES INSPECTOR.
- 7. STREET LIGHT POLES SHALL BE INSTALLED IN A MANNER THAT WILL NOT HINDER THE OPERATION OF FIRE HYDRANTS, UNDERGROUND WATER SYSTEM ISOLATION VALVES, AND OTHER UTILITIES.
- 8. INSTALLATIONS WITHIN CLOSE PROXIMITY TO TREES SHALL BE AVOIDED UNLESS APPROVED BY SANDY CITY
- 9. OVERHEAD POWER LINES FOR STREETLIGHTS ARE NOT ALLOWED.

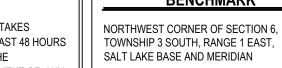
#### SCOPE OF WORK:

PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:

- 1 ASPHALT PAVEMENT PER GEOTECHNICAL REPORT AND DETAIL 3/C-700.
- 2 ASPHALT PAVEMENT PER SANDY CITY PUBLIC WORKS STANDARD DETAIL RC-02.
- (3) 4" THICK CONCRETE SIDEWALK PER SANDY CITY PUBLIC WORKS STANDARD DETAIL SW-03.
- (4) 30" STANDARD CURB AND GUTTER PER SANDY CITY PUBLIC WORKS STANDARD DETAIL CG-01.
- (5) PEDESTRIAN ACCESS RAMP PER SANDY CITY PUBLIC WORKS STANDARD DETAIL SW-01.
- (6) "STOP" SIGN PER M.U.T.C.D. STANDARD PLANS AND SANDY CITY PUBLIC WORKS STANDARD DETAIL SN-01.
- (8) STREET SIGN PER M.U.T.C.D. STANDARD PLANS AND SANDY CITY PUBLIC WORKS STANDARD DETAIL SN-01.
- (9) STREET LIGHT PER SANDY CITY PUBLIC WORKS STANDARD DETAIL SL-01.







ELEV = 4414.39'

BENCHMARK



45 W 10000 S, Suite 500

Sandy, UT 84070 Phone: 801.255.0529

Phone: 801.547.1100

Phone: 435.843.3590

Phone: 435.865.1453

Phone: 435.896.2983

WWW.ENSIGNENG.COM

LAYTON

**TOOELE** 

**CEDAR CITY** 

RICHFIELD

GARBETT HOMS

JACOB BALLSTAEDT PHONE: 801.456.2474

CONTACT:

SUBDIVISION

FIREFL

EAST 8680 SOUTH

MORGAN

2025-05-30

DESIGNED BY

SITE PLAN

PROJECT MANAGER

UTAH

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273 EAST CAPITOL STREET

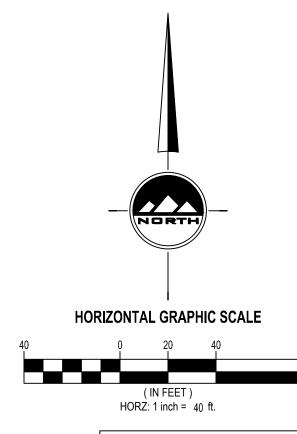
SALT LAKE CITY, UTAH 84103



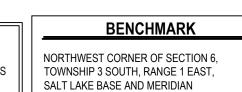
- 1. ALL WORK TO COMPLY WITH THE GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
- 2. ALL IMPROVEMENTS MUST COMPLY WITH ADA STANDARDS AND RECOMMENDATIONS.
- 3. ALL WORK SHALL COMPLY WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER POSSIBLY INCLUDING, BUT NOT LIMITED TO, REMOVAL OF UNCONSOLIDATED FILL, ORGANICS, AND DEBRIS, PLACEMENT OF SUBSURFACE DRAIN LINES AND GEOTEXTILE, AND OVEREXCAVATION OF UNSUITABLE BEARING MATERIALS AND PLACEMENT OF ACCEPTABLE FILL MATERIAL.
- 4. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE EXISTING SOIL CONDITIONS.
- 5. ELEVATIONS HAVE BEEN TRUNCATED FOR CLARITY. XX.XX REPRESENTS AND ELEVATION OF 43XX.XX ON
- 6. LANDSCAPED AREAS REQUIRE SUBGRADE TO BE MAINTAINED AT A SPECIFIC ELEVATION BELOW FINISHED GRADE AND REQUIRE SUBGRADE TO BE PROPERLY PREPARED AND SCARIFIED. SEE LANDSCAPE PLANS FOR
- 7. SLOPE ALL LANDSCAPED AREAS AWAY FROM BUILDING FOUNDATIONS TOWARD CURB AND GUTTER OR STORM DRAIN INLETS.
- 8. EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND LOCATION OF THE UTILITIES SHOWN ON THESE PLANS OR INDICATED IN THE FIELD BY LOCATING SERVICES. ANY ADDITIONAL COSTS INCURRED AS A RESULT OF THE CONTRACTOR'S FAILURE TO VERIFY THE LOCATIONS OF EXISTING UTILITIES PRIOR TO THE BEGINNING OF CONSTRUCTION IN THEIR VICINITY SHALL BE BORNE BY THE CONTRACTOR AND ASSUMED INCLUDED IN THE CONTRACT. THE CONTRACTOR IS TO VERIFY ALL CONNECTION POINTS WITH THE EXISTING UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO THE EXISTING UTILITIES AND UTILITY STRUCTURES THAT ARE TO REMAIN. IF CONFLICTS WITH EXISTING UTILITIES OCCUR, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION TO DETERMINE IF ANY FIELD ADJUSTMENTS SHOULD BE MADE.
- 9. THE CONTRACTOR SHALL ADJUST TO GRADE ALL EXISTING UTILITIES AS NEEDED PER LOCAL GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
- 10. NOTIFY ENGINEER OF ANY DISCREPANCIES IN DESIGN OR STAKING BEFORE PLACING CONCRETE, ASPHALT, OR STORM DRAIN STRUCTURES OR PIPES.
- 11. THE CONTRACTOR IS TO PROTECT AND PRESERVE ALL EXISTING IMPROVEMENTS, UTILITIES, AND SIGNS, ETC. UNLESS OTHERWISE NOTED ON THESE PLANS.

#### **GRADING NOTES**

- 1. NO DRIVEWAY SHALL BE CONSTRUCTED TO CONVEY STORM WATER RUNOFF TOWARD ANY BUILDING.
- 2. EACH RESIDENTIAL LOT IS REQUIRED TO RETAIN STORM WATER ON SITE, EXCEPT FOR THE PORTION OF THE LOT THAT DRAINS TOWARD THE STREET AND/OR TO SUBDIVISION STORM WATER FLOW CONTROL FEATURE(S) AS LONG AS THE DOWNSTREAM STORM WATER SYSTEM CAN ACCOMMODATE THE FLOWS, DURING AND AFTER CONSTRUCTION. THIS CAN BE ACCOMPLISHED BY USE OF SWALES, RETENTION AREAS, BERMS, PLANTER BEDS, UNDERGROUND INFILTRATION, ETC.
- PROPERTIES ARE TO BE GRADED SUCH THAT STORM WATER RUNOFF WILL DRAIN AWAY FROM STRUCTURES AND TOWARDS PROPERTY BOUNDARIES. HOWEVER, NEW DEVELOPMENT OR REDEVELOPMENT SHALL NOT INCREASE THE BURDEN OF STORM WATER ON NEIGHBORING AND/OR DOWNSTREAM PROPERTIES. STORM WATER RUNOFF SHALL BE ENTIRELY CONTROLLED WITHIN THE LIMITS OF PROJECT SITE. PERPETRATING PROPERTY OWNERS MAY BE LIABLE FOR DAMAGES IN CIVIL COURTS DUE TO DAMAGES CAUSED TO ADJACENT PROPERTIES FROM RUNOFF (INCLUDING FLOWS THAT EXISTED BEFORE THE NEW DEVELOPMENT OR REDEVELOPMENT OCCURRED). ANY CONCENTRATED FLOWS LEAVING A SITE SHALL HAVE AN AGREEMENT/EASEMENT WITH THE AFFECTED PROPERTY OWNERS.







ELEV = 4414.39'





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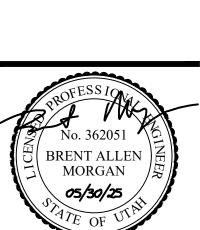
GARBETT HOMS 273 EAST CAPITOL STREET SALT LAKE CITY, UTAH 84103

CONTACT: JACOB BALLSTAEDT PHONE: 801.456.2474

SUBDIVISION

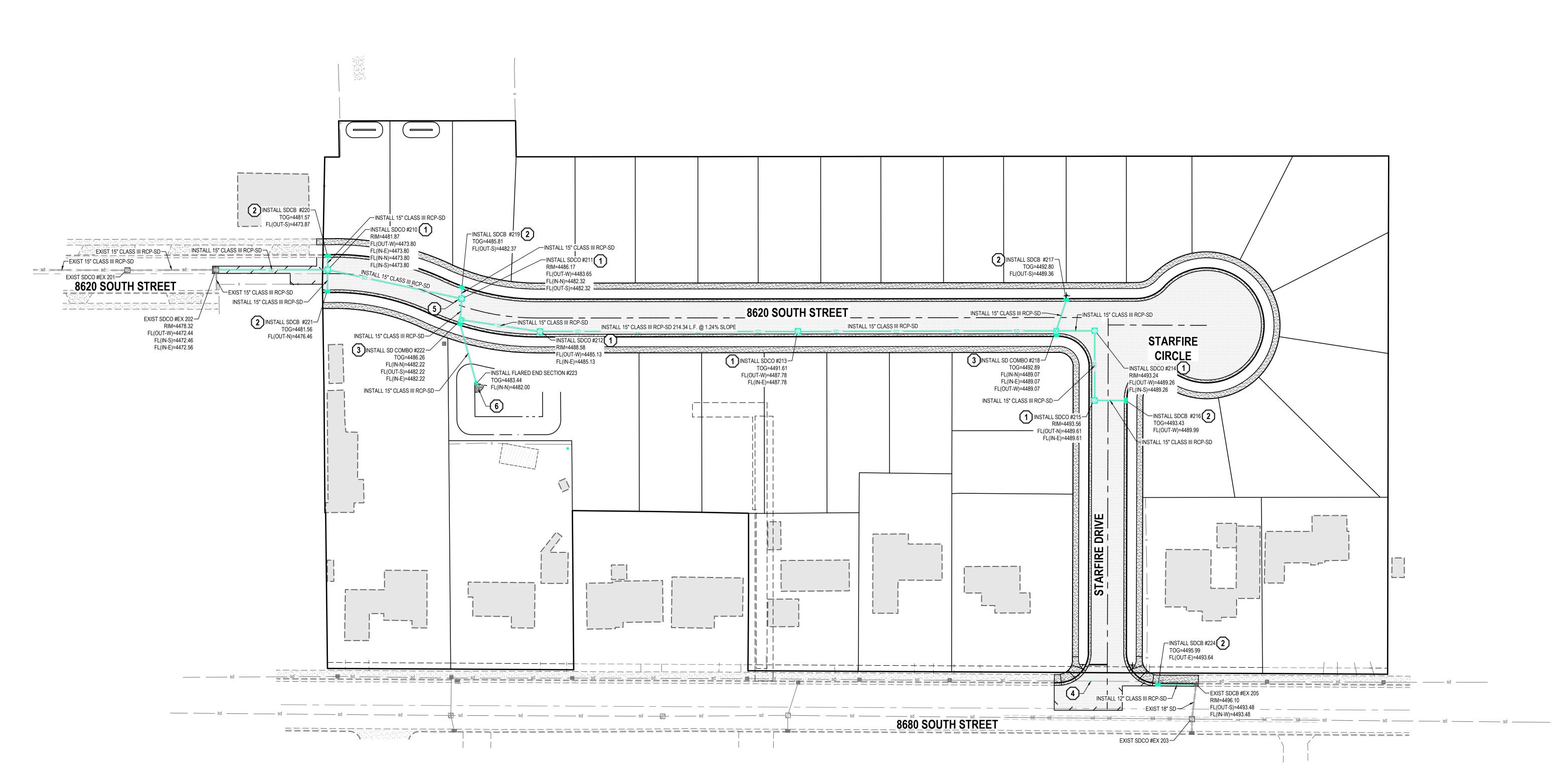
FIREFL

8680 SOUTH 5 ďDΥ, **EAST** 



**GRADING PLAN** 

2025-05-30 PROJECT MANAGER DESIGNED BY



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- 2. ALL IMPROVEMENTS MUST COMPLY WITH ADA STANDARDS AND RECOMMENDATIONS.
- 3. ALL WORK SHALL COMPLY WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER POSSIBLY INCLUDING, BUT NOT LIMITED TO, REMOVAL OF UNCONSOLIDATED FILL, ORGANICS, AND DEBRIS, PLACEMENT OF SUBSURFACE DRAIN LINES AND GEOTEXTILE, AND OVEREXCAVATION OF UNSUITABLE BEARING MATERIALS AND PLACEMENT OF ACCEPTABLE FILL MATERIAL.
- 4. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE EXISTING SOIL CONDITIONS.
- 5. SLOPE ALL LANDSCAPED AREAS AWAY FROM BUILDING FOUNDATIONS TOWARD CURB AND GUTTER OR STORM DRAIN INLETS.
- EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND LOCATION OF THE UTILITIES SHOWN ON THESE PLANS OR INDICATED IN THI FIELD BY LOCATING SERVICES. ANY ADDITIONAL COSTS INCURRED AS A RESULT OF THE CONTRACTOR'S FAILURE TO VERIFY THE LOCATIONS OF EXISTING UTILITIES PRIOR TO THE BEGINNING OF CONSTRUCTION IN THEIR VICINITY SHALL BE BORNE BY THE CONTRACTOR AND ASSUMED INCLUDED IN THE CONTRACT. THE CONTRACTOR IS TO VERIFY ALL CONNECTION POINTS WITH THE EXISTING UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO THE EXISTING UTILITIES AND UTILITY STRUCTURES THAT ARE TO REMAIN. IF CONFLICTS WITH EXISTING UTILITIES OCCUR, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION TO DETERMINE IF ANY FIELD ADJUSTMENTS SHOULD BE MADE.
- ALL STORM DRAIN INFRASTRUCTURE TO BE INSTALLED PER GOVERNING AGENCY OR APWA STANDARD PLANS AND SPECIFICATIONS.
- 8. ENSURE MINIMUM COVER OVER ALL STORM DRAIN PIPES PER MANUFACTURER'S RECOMMENDATIONS. NOTIFY ENGINEER IF MINIMUM COVER CANNOT BE ATTAINED.
- 9. ALL FACILITIES WITH DOWNSPOUTS/ROOF DRAINS SHALL BE CONNECTED TO THE STORM DRAIN SYSTEM. SEE PLUMBING PLANS FOR DOWNSPOUT/ROOF DRAIN LOCATIONS AND SIZES. ALL ROOF DRAINS TO HAVE MINIMUM 1% SLOPE.
- 10. THE CONTRACTOR SHALL ADJUST TO GRADE ALL EXISTING UTILITIES AS NEEDED PER LOCAL GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
- 11. NOTIFY ENGINEER OF ANY DISCREPANCIES IN DESIGN OR STAKING BEFORE PLACING CONCRETE, ASPHALT, OR STORM DRAIN STRUCTURES OR PIPES.
- 12. THE CONTRACTOR IS TO PROTECT AND PRESERVE ALL EXISTING IMPROVEMENTS, UTILITIES, AND SIGNS, ETC. UNLESS OTHERWISE NOTED ON THESE PLANS.

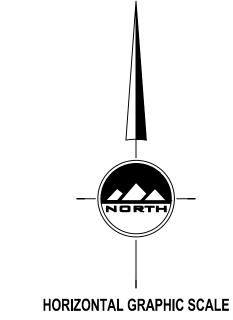
#### STORM DRAIN NOTES

- NOTIFY SANDY CITY PUBLIC UTILITIES INSPECTOR (801-568-7280), AT LEAST ONE BUSINESS DAY (24 HOURS) PRIOR TO BEGINNING CONSTRUCTION.
- 2. A PRE-CONSTRUCTION MEETING IS REQUIRED ONCE FINAL APPROVAL HAS BEEN GRANTED. THE PRE-CONSTRUCTION MEETING SHALL BE SCHEDULED THROUGH SANDY CITY PUBLIC WORKS DEPARTMENT.
- ALL CONSTRUCTION SHALL CONFORM TO THE LATEST REVISION OF THE SANDY CITY STANDARD SPECIFICATIONS AND DETAILS FOR MUNICIPAL CONSTRUCTION AND/OR OTHER REQUIREMENTS AS SET FORTH IN THE PUBLIC UTILITIES FINAL REVIEW AND APPROVAL LETTER ESTABLISHED FOR THE DEVELOPMENT. SPECIFICATIONS AND DETAILS CAN BE OBTAINED ON THE SANDY CITY WEBSITE.
- SUBMITTALS ARE REQUIRED TO BE APPROVED BY THE ENGINEER FOR ALL BEDDING, BACKFILL, PIPE, AND STRUCTURES (INLET BOXES, COMBO BOXES, AND JUNCTION BOXES). SUBMITTALS MUST HAVE SUFFICIENT INFORMATION TO SHOW THAT THE PROPOSED ITEMS CONFORM TO SANDY CITY STANDARDS AND
- 5. CONSTRUCTION WORK SHALL BE CONDUCTED IN ACCORDANCE WITH THE UTAH POLLUTION DISCHARGE ELIMINATION SYSTEM (UPDES) REGULATIONS.
- ALL MATERIALS AND WORK DONE IN UDOT RIGHT-OF-WAY SHALL CONFORM TO UDOT STANDARDS AND SPECIFICATIONS (DELETE IF NOT APPLICABLE).
- NON-SHRINK GROUT SHALL BE USED WHEREVER GROUT IS REQUIRED FOR THE STORM DRAIN FACILITIES.
- CUT PIPES OFF FLUSH WITH THE INSIDE WALL OF THE BOX OR MANHOLE AND GROUT AT CONNECTION OF PIPE TO BOX TO A SMOOTH FINISH. ADDITIONALLY, ALL JAGGED OR SHARP EDGES AT PIPE CONNECTIONS ARE TO BE REMOVED AND GROUTED SMOOTH.
- GROUT BETWEEN GRADE RINGS. FOR EACH INLET BOX THAT IS LOCATED NEXT TO A CURB, THE CURB AND GUTTER CONTRACTOR IS RESPONSIBLE TO REMOVE ALL PROTRUDING, JAGGED OR SHARP CONCRETE EDGES AND TO GROUT BETWEEN BOTTOM OF INLET LID FRAME AND TOP OF CONCRETE BOX. GROUT TO CREATE A SMOOTH, BEVELED TRANSITION AT ALL EDGES IN CLEAN OUT AND INLET BOXES. GROUT AROUND ALL EDGES OF THE RESTRICTIVE ORIFICE PLATE.
- 10. REMOVE SNAP TIES, NAILS, REBAR AND OTHER PROTRUSIONS FROM THE BOX OR PIPE INSIDE SURFACE, AS WELL AS ALL FORM WORK, PLASTIC AND CARDBOARD.
- 11. SILT AND DEBRIS ARE TO BE CLEANED OUT OF ALL INLET BOXES, COMBO BOXES, JUNCTION BOXES, AND PIPE. THE BOXES AND PIPES ARE TO BE MAINTAINED IN A CLEAN CONDITION UNTIL AFTER THE FINAL BOND RELEASE
- 12. CLEAN OFF ALL MANHOLE LIDS AND INLET GRATES OF ASPHALT, CONCRETE, TAR OR OTHER ADHESIVES TO

- CONSTRUCTION TO PROVIDE AN OPPORTUNITY TO CHECK THE VOLUME OF GRAVEL AND GRAVEL GRADATION. 14. SIGNS MUST BE POSTED NEAR EACH INLET BOX LOCATED IN A DRINKING WATER RECHARGE ZONE, WITH THE FOLLOWING WORDS "WARNING THIS IS A DRINKING WATER AQUIFER RECHARGE AREA. DISPOSAL OF ANY
- WASTE MATERIALS IN THE STORM WATER IS STRICTLY PROHIBITED."
- 15. ALL INLET, COMBO AND JUNCTION BOXES SHALL BE PLACED ON 12-INCH (MIN.) COMPACTED STABILIZATION
- 16. A VIDEO OF ALL PIPES MUST BE COMPLETED BEFORE THE 80% OR 90% BOND RELEASE AND AGAIN BEFORE FINAL BOND RELEASE.
- A REPRESENTATIVE OF THE MANUFACTURER OR SUPPLIER SHALL BE ON SITE DURING INSTALLATION OF OIL/WATER SEPARATOR, MECHANICAL TREATMENT DEVICES, MEDIA FILTERS, AND UNDERGROUND DETENTION/RETENTION SYSTEMS. THE MANUFACTURER OR SUPPLIER SHALL PROVIDE A LETTER STATING THAT THE SYSTEM WAS INSTALLED PER MANUFACTURER'S SPECIFICATIONS. IF IT IS UNKNOWN WHETHER A REPRESENTATIVE IS REQUIRED TO BE PRESENT DURING INSTALLATION, CONTACT THE SANDY CITY PUBLIC UTILITIES INSPECTOR.
- 18. A STAMPED "LETTER OF CONFORMANCE" FROM THE DESIGN ENGINEER IS REQUIRED TO BE SUBMITTED TO SANDY CITY PUBLIC UTILITIES DEPARTMENT, PRIOR TO 90% BOND RELEASE, STATING THAT STORM WATER FLOW CONTROL ELEMENTS AND STORM WATER TREATMENT FACILITIES (E.G. DETENTION, RETENTION, LID BEST MANAGEMENT PRACTICES, OIL-WATER SEPARATORS, SUMPS, ETC.) WERE CONSTRUCTED ACCORDING TO THE APPROVED PLANS.

#### SCOPE OF WORK:

- PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE 13. WHERE A SUMP IS REQUIRED, THE SANDY CITY PUBLIC UTILITIES INSPECTOR SHALL BE CONTACTED PRIOR TO DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:
  - (1) JUNCTION BOX PER SANDY CITY PUBLIC WORKS STANDARD DETAIL SD-05.
  - (2) SINGLE CURB INLET PER SANDY CITY PUBLIC WORKS STANDARD DETAIL SD-02.
  - (3) COMBINATION BOX PER SANDY CITY PUBLIC WORKS STANDARD DETAIL SD-04.
  - REPLACE EXISTING IRRIGATION TURNOUT BOX WITH SD PIPE PER GOVERNING AGENCY STANDARDS AND SPECIFICATIONS. MATCH EXISTING PIPE SIZE AND TYPE.
  - (5) X.XX" ORIFICE PLATE PER DETAIL 3/C-700 INSTALLED ON WEST SIDE OF STORM DRAIN BOX.
  - (6) INSTALL RIP RAP APRON. RIP RAP D50 6" THICK. INSTALL MIRAFI 140N SEPARATION FABRIC UNDER RIP RAP.



HORZ: 1 inch = 40 ft.



CALL BLUESTAKES @ 811 AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY

NORTHWEST CORNER OF SECTION 6, TOWNSHIP 3 SOUTH, RANGE 1 EAST, SALT LAKE BASE AND MERIDIAN ELEV = 4414.39'

BENCHMARK

8680 SOUTH 5 DY, EAS

THE STANDARD IN ENGINEERING

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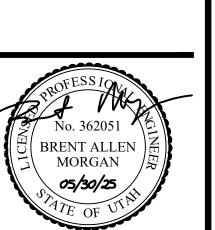
CONTACT:

**SUBDIVISION** 

FIREF

273 EAST CAPITOL STREET

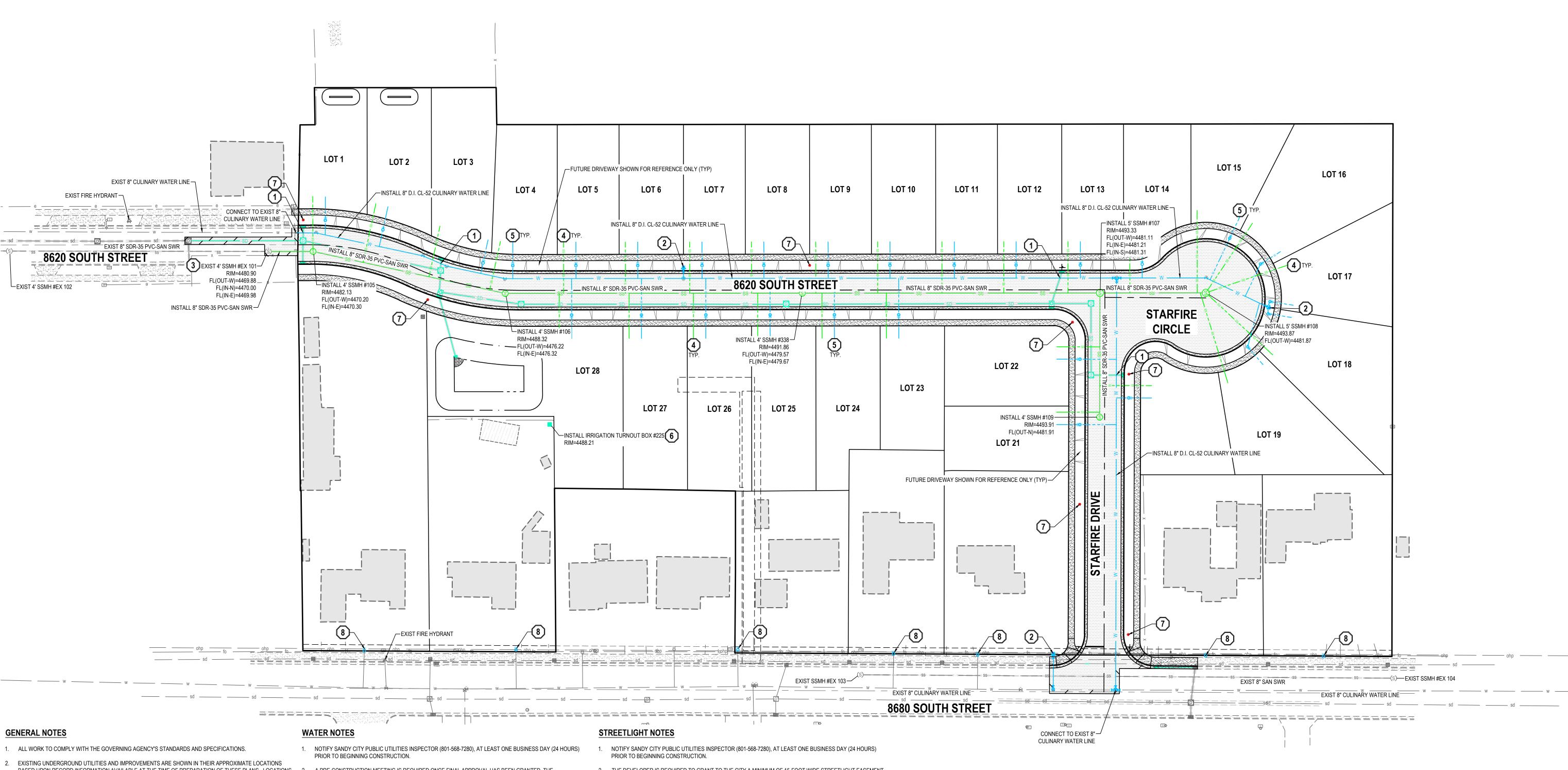
SALT LAKE CITY, UTAH 84103



DRAINAGE PLAN

2025-05-30

PROJECT MANAGER DESIGNED BY



- 2. EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. LOCATIONS 2. A PRE-CONSTRUCTION MEETING IS REQUIRED ONCE FINAL APPROVAL HAS BEEN GRANTED. THE MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND LOCATION OF THE UTILITIES SHOWN ON THESE PLANS OR INDICATED IN THE FIELD BY LOCATING SERVICES. ANY ADDITIONAL COSTS INCURRED AS A RESULT OF THE CONTRACTOR'S FAILURE TO VERIFY THE LOCATIONS OF EXISTING UTILITIES PRIOR TO THE BEGINNING OF CONSTRUCTION IN THEIR VICINITY SHALL BE BORNE BY THE CONTRACTOR AND ASSUMED INCLUDED IN THE CONTRACT. THE CONTRACTOR IS TO VERIFY ALL CONNECTION POINTS WITH THE EXISTING UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO THE EXISTING UTILITIES AND UTILITY STRUCTURES THAT ARE TO 4. REMAIN. IF CONFLICTS WITH EXISTING UTILITIES OCCUR, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION TO DETERMINE IF ANY FIELD ADJUSTMENTS SHOULD BE MADE.
- ALL SANITARY SEWER INFRASTRUCTURE TO BE INSTALLED PER GOVERNING AGENCY STANDARD PLANS AND
- 4. ALL WATER INFRASTRUCTURE TO BE INSTALLED PER GOVERNING AGENCY OR APWA STANDARD PLANS AND SPECIFICATIONS.
- 6. DEFLECT OR LOOP ALL WATERLINES TO AVOID CONFLICTS WITH OTHER UTILITIES PER GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
- PROJECT SHALL COMPLY WITH ALL UTAH DIVISION OF DRINKING WATER RULES AND REGULATIONS INCLUDING.
- 8. THE CONTRACTOR IS TO COORDINATE ALL UTILITIES WITH MECHANICAL/PLUMBING PLANS.
- 9. NOTIFY ENGINEER OF ANY DISCREPANCIES IN DESIGN OR STAKING BEFORE PLACING UTILITY STRUCTURES
- AGENCY'S STANDARDS AND SPECIFICATIONS. 11. THE CONTRACTOR IS TO PROTECT AND PRESERVE ALL EXISTING IMPROVEMENTS, UTILITIES, AND SIGNS, ETC.

10. THE CONTRACTOR SHALL ADJUST TO GRADE ALL EXISTING UTILITIES AS NEEDED PER LOCAL GOVERNING

- UNLESS OTHERWISE NOTED ON THESE PLANS.
- 12. ALL CONSTRUCTION SHALL COMPLY WITH JORDAN BASIN IMPROVEMENT DISTRICT'S DESIGN STANDARDS AND CONSTRUCTION SPECIFICATIONS.
- 13. CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND INVERT ELEVATIONS OF EXISTING MANHOLES AND OTHER UTILITIES BEFORE STAKING OR CONSTRUCTING ANY NEW SEWER LINES.
- 14. FOUR FEET OF COVER IS REQUIRED OVER ALL SEWER LINES.
- 15. THE EXISTING IRRIGATION AND BACKFLOW PREVENTION IS LOCATED NEAR THE POTBELLY BUILDING (130 WEST 10600 SOUTH).
- 16. THE NOSE-ON FOR THE SEWER LATERAL SHALL BE PERFORMED BY JORDAN BASIN IMPROVEMENT DISTRICT (JBID) PERSONNEL. CONTACT JBID AS LEAST 24 HOURS PRIOR TO CONSTRUCTION.

PRE-CONSTRUCTION MEETING SHALL BE SCHEDULED THROUGH SANDY CITY PUBLIC WORKS DEPARTMENT.

ALL CONSTRUCTION SHALL CONFORM TO THE LATEST REVISION OF THE SANDY CITY STANDARD SPECIFICATIONS AND DETAILS FOR MUNICIPAL CONSTRUCTION AND/OR OTHER REQUIREMENTS AS SET FORTH IN THE PUBLIC UTILITIES FINAL REVIEW AND APPROVAL LETTER ESTABLISHED FOR THE DEVELOPMENT.

SPECIFICATIONS AND DETAILS CAN BE OBTAINED ON THE SANDY CITY WEBSITE.

SANDY CITY STANDARDS AND SPECIFICATIONS.

- SUBMITTALS ARE REQUIRED TO BE APPROVED BY THE ENGINEER FOR ALL BEDDING, BACKFILL, PIPE, METERS, BOXES, VAULTS, VALVES, FIRE HYDRANTS, BLOWOFFS, VAULTS, ETC. RELATING TO THE WATER SYSTEM. SUBMITTALS MUST HAVE SUFFICIENT INFORMATION TO SHOW THAT THE PROPOSED ITEMS CONFORM TO
- CONSTRUCTION WORK SHALL BE CONDUCTED IN ACCORDANCE WITH THE UTAH POLLUTION DISCHARGE ELIMINATION SYSTEM (UPDES) REGULATIONS.
- WATER LINES SHALL BE INSTALLED 4-FEET OFF LIP OF GUTTER ON THE NORTH AND/OR EAST SIDE OF ROADWAY. WATER LINES SHALL NOT BE INSTALLED WITHIN OR THROUGH PARKING STALLS OR UNDER CONCRETE PAVEMENT, UNLESS WATER LINE IS TO BE MAINTAINED BY PRIVATE PROPERTY OWNER.
- A MINIMUM OF 48-INCHES AND A MAXIMUM 60-INCHES OF COVER FROM THE TOP OF THE PIPE TO THE FINISH
- BUT NOT LIMITED TO, THOSE PERTAINING TO BACKFLOW PROTECTION AND CROSS CONNECTION PREVENTION. FOR CONSTRUCTION EAST OF THE UTAH TRANSIT AUTHORITY'S TRAX LINE, USE DUCTILE IRON PIPE, USE THICKNESS CLASS 52 OR BETTER.
  - FOR CONSTRUCTION WEST OF UTAH TRANSIT AUTHORITY'S TRAX LINE, USE POLYVINYL CHLORIDE (PVC) PIPE, USE CLASS DR-14 OR BETTER. 10 GAUGE WIRE SHALL BE PLACED ON TOP OF THE PIPE (PER SANDY CITY SPECIFICATIONS) FOR FUTURE RELOCATION. NO DEFLECTION IN PIPE JOINTS WILL BE ALLOWED ON PVC
  - 10. ALL MECHANICAL JOINTS MUST BE RESTRAINED USING MEGA LUGS FOR DIP AND ROMAC GRIP RINGS FOR PVC OR APPROVED EQUAL. MEGA LUGS SHALL NOT BE ALLOWED ON PVC PIPE.
  - 11. USE 6-INCH COMPRESSION TYPE HYDRANT BY MUELLER CENTURION OR CLOW MEDALLION. EXISTING HYDRANTS REQUIRED FOR FIRE PROTECTION THAT DO NOT MEET CURRENT STANDARDS SHALL BE UPGRADED TO MEET CURRENT SANDY CITY STANDARDS AND SPECIFICATIONS.
  - WHEN THE DISTANCE FROM THE WATER MAIN TO THE FIRE HYDRANT IS GREATER THAN 6-FEET, AN
  - 13. ALL DEAD ENDS SHALL BE PLUGGED WITH A 2-INCH WASHOUT OR END WITH A FIRE HYDRANT.

ADDITIONAL AUXILIARY VALVE SHALL BE FLANGED TO THE FIRE HYDRANT.

- 14. ALL DUCTILE IRON WATER LINES, FITTINGS, AND VALVES SHALL BE POLY-BAGGED IN ACCORDANCE WITH SANDY CITY STANDARDS AND SPECIFICATIONS.
- ALL WATER LINES SHALL BE BEDDED WITH SAND (6-INCHES MINIMUM BELOW AND 12-INCHES MINIMUM ON EACH SIDE AND ON TOP OF THE PIPE).

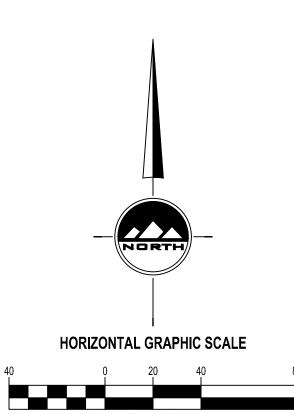
- 2. THE DEVELOPER IS REQUIRED TO GRANT TO THE CITY A MINIMUM OF 15-FOOT WIDE STREETLIGHT EASEMENT (7.5-FEET EACH SIDE OF PIPE) FOR CONDUIT AND WIRES TO THE POWER SOURCE ON PRIVATE PROPERTY.
- 3. A PRE-CONSTRUCTION MEETING IS REQUIRED ONCE FINAL APPROVAL HAS BEEN GRANTED. THE PRE-CONSTRUCTION MEETING SHALL BE SCHEDULED THROUGH SANDY CITY PUBLIC WORKS DEPARTMENT.
- ALL CONSTRUCTION SHALL CONFORM TO THE LATEST REVISION OF THE SANDY CITY STANDARD SPECIFICATIONS AND DETAILS FOR MUNICIPAL CONSTRUCTION AND/OR OTHER REQUIREMENTS AS SET FORTH IN THE PUBLIC UTILITIES FINAL REVIEW AND APPROVAL LETTER ESTABLISHED FOR THE DEVELOPMENT. SPECIFICATIONS AND DETAILS CAN BE OBTAINED ON THE SANDY CITY WEBSITE.
- 5. SUBMITTALS ARE REQUIRED TO BE APPROVED BY THE ENGINEER FOR STREETLIGHTS, JUNCTION BOXES, AND ELECTRICAL WIRING. SUBMITTALS MUST HAVE SUFFICIENT INFORMATION TO SHOW THAT THE PROPOSED ITEMS CONFORM TO SANDY CITY STANDARDS AND SPECIFICATIONS.
- 6. INSTALLATIONS SHALL BE LOCATED AS INDICATED ON THE APPROVED PLANS FOR THE PROJECT. FIELD MODIFICATIONS MUST BE APPROVED BY THE SANDY CITY PUBLIC UTILITIES INSPECTOR.
- STREET LIGHT POLES SHALL BE INSTALLED IN A MANNER THAT WILL NOT HINDER THE OPERATION OF FIRE HYDRANTS, UNDERGROUND WATER SYSTEM ISOLATION VALVES, AND OTHER UTILITIES.
- INSTALLATIONS WITHIN CLOSE PROXIMITY TO TREES SHALL BE AVOIDED UNLESS APPROVED BY SANDY CITY
- PUBLIC UTILITIES INSPECTOR.

#### 9. OVERHEAD POWER LINES FOR STREETLIGHTS ARE NOT ALLOWED.

# SCOPE OF WORK:

PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:

- POTENTIAL UTILITY CONFLICT BETWEEN STORM DRAIN AND WATER LINE. MAINTAIN A MINIMUM OF 18" CLEARANCE BETWEEN STORM DRAIN AND WATER LINE.
- [2] FIRE HYDRANT ASSEMBLY COMPLETE PER SANDY CITY PUBLIC WORKS STANDARD DETAIL WTR-01.
- CONNECT TO EXISTING SEWER MAIN PER SANDY SUBURBAN IMPROVEMENT DISTRICT STANDARD DRAWING SS-3A AND SPECIFICATIONS.
- 4" SANITARY SEWER SERVICE LATERAL, INCLUDING CLEANOUTS AT MAXIMUM 100-FOOT SPACING, PER SANDY SUBURBAN IMPROVEMENT DISTRICT STANDARDS AND SPECIFICATIONS.
- 3/4" CULINARY WATER METER AND CONCRETE VAULT PER PER SANDY CITY PUBLIC WORKS STANDARD DETAIL WTR-09.
- 6 IRRIGATION TURNOUT BOX. LOCATION TO BE DETERMINED BY PROPERTY OWNER, MATCH EXISTING STYLE AND SIZE.
- (7) STREET LIGHT PER SANDY CITY PUBLIC WORKS STANDARD DETAIL SL-01.
- (8) UPGRADE EXISTING WATER METER PER SANDY CITY PUBLIC WORKS STANDARD DETAIL WTR-09.





BENCHMARK

HORZ: 1 inch = 40 ft.

ELEV = 4414.39'

NORTHWEST CORNER OF SECTION 6, TOWNSHIP 3 SOUTH, RANGE 1 EAST, SALT LAKE BASE AND MERIDIAN

THE STANDARD IN ENGINEERING

45 W 10000 S, Suite 500

Sandy, UT 84070 Phone: 801.255.0529

Phone: 801.547.1100

Phone: 435.843.3590

Phone: 435.865.1453

Phone: 435.896.2983

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SANDY

LAYTON

**TOOELE** 

CEDAR CITY

RICHFIELD

GARBETT HOMS

JACOB BALLSTAEDT

PHONE: 801.456.2474

CONTACT:

SUBDIVISION

FIREF

SOUTH

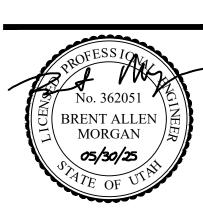
8680

EAS

IDY,

273 EAST CAPITOL STREET

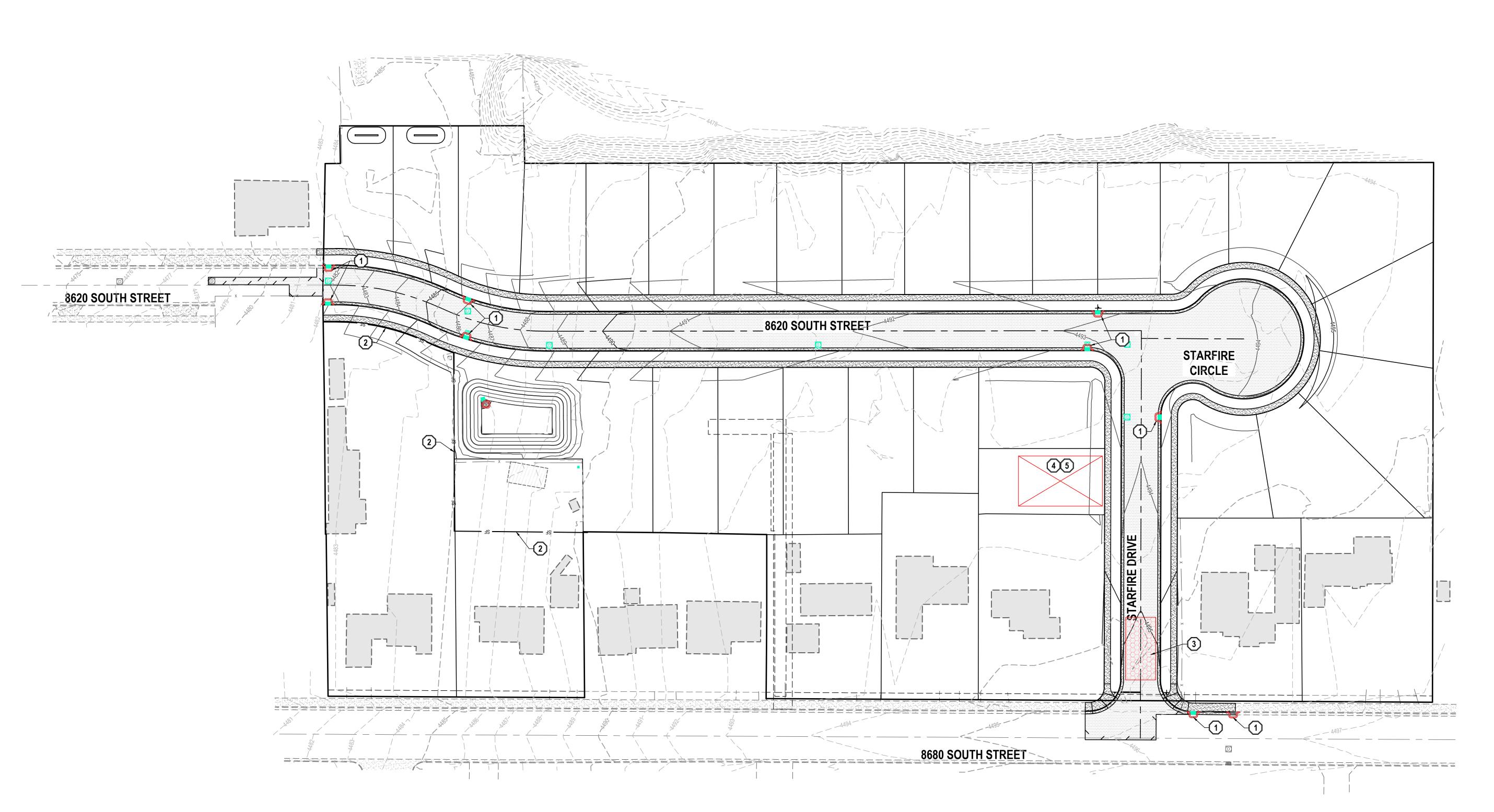
SALT LAKE CITY, UTAH 84103



UTILITY PLAN

2025-05-30

DESIGNED BY



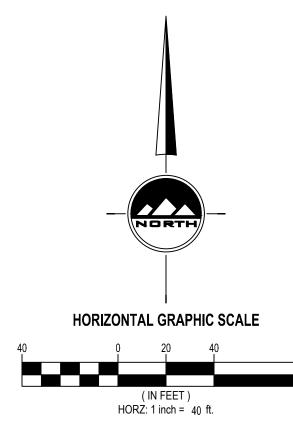
- 1. THIS PLAN IS DESIGNED AS A FIRST APPRAISAL OF NECESSARY MEANS TO PROTECT THE WATERS OF THE STATE FROM POTENTIAL POLLUTION. IT IS THE RESPONSIBILITY OF THE OWNER/OPERATOR TO ADD WARRANTED BEST MANAGEMENT PRACTICES (BMP'S) AS NECESSARY, MODIFY THOSE SHOWN AS APPROPRIATE, AND DELETE FROM THE PROJECT THOSE FOUND TO BE UNNECESSARY. FEDERAL AND STATE LAW ALLOWS THESE UPDATES TO BE MADE BY THE OWNER/OPERATOR ONSITE AND RECORDED BY THE OWNER/OPERATOR ON THE COPY OF THE SWPPP KEPT ONSITE.
- DISTURBED LAND SHALL BE KEPT TO A MINIMUM. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. HOWEVER, WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH DISTURBING ACTIVITIES WILL BE

  5 SUGGESTED STOCKPILE AREA. RESUMED WITHIN 21 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.
- RESEED DISTURBED LAND WITH NATIVE GRASS MIXTURE WITHIN 14 CALENDAR DAYS OF ACHIEVEMENT OF FINISH GRADE TO STABILIZE SOILS IF LAND IS NOT TO BE RE-WORKED WITHIN 14 CALENDAR DAYS OF THE CESSATION OF CONSTRUCTION ACTIVITIES AT THAT LOCATION.
- 4. DETAILS SHOWN ARE TO BE EMPLOYED TO PROTECT RUNOFF AS APPROPRIATE DURING CONSTRUCTION. NOT ALL DETAILS ARE NECESSARY AT ALL PHASES OF THE PROJECT. IT SHALL BE THE RESPONSIBILITY OF THE OWNER/OPERATOR TO USE APPROPRIATE BEST MANAGEMENT PRACTICES AT THE APPROPRIATE PHASE OF CONSTRUCTION. SEE SWPPP FOR BMP IMPLEMENTATION SCHEDULE.
- VARIOUS BEST MANAGEMENT PRACTICES HAVE BEEN SHOWN ON THE PLANS AT SUGGESTED LOCATIONS. THE CONTRACTOR MAY MOVE AND RECONFIGURE THESE BMP'S TO OTHER LOCATIONS IF PREFERRED, PROVIDED THE INTENT OF THE DESIGN IS PRESERVED.
- 6. NOT ALL POSSIBLE BMP'S HAVE BEEN SHOWN. THE CONTRACTOR IS RESPONSIBLE TO APPLY CORRECT MEASURES TO PREVENT THE POLLUTION OF STORM WATER PER PROJECT SWPPP.
- 7. A UPDES (UTAH POLLUTANT DISCHARGE ELIMINATION SYSTEM) PERMIT IS REQUIRED FOR ALL CONSTRUCTION ACTIVITIES 1 ACRE OR MORE.

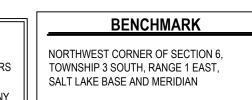
#### **SCOPE OF WORK:**

PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:

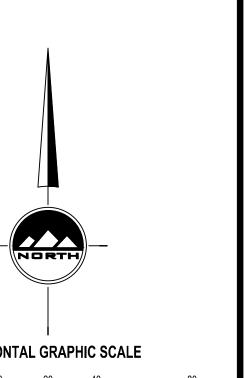
- 1 INLET PROTECTION PER DETAIL 4/C-700.
- 2 SILT FENCE PER DETAIL 6/C-700.
- 3 VEHICLE WASHDOWN AND STABILIZED CONSTRUCTION ENTRANCE PER DETAIL 5/C-700.
- SUGGESTED TEMPORARY CONSTRUCTION SITE PARKING, STAGING, DUMPSTER, AND MATERIAL STORAGE AREA.







ELEV = 4414.39'



**EROSION CONTROL PLAN** 

MORGAN

THE STANDARD IN ENGINEERING

45 W 10000 S, Suite 500

Sandy, UT 84070 Phone: 801.255.0529

Phone: 801.547.1100

Phone: 435.843.3590

Phone: 435.865.1453

Phone: 435.896.2983

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**TOOELE** 

**CEDAR CITY** 

RICHFIELD

GARBETT HOMS 273 EAST CAPITOL STREET

JACOB BALLSTAEDT PHONE: 801.456.2474

CONTACT:

SUBDIVISION

FIREFL

8680 SOUTH

EAST

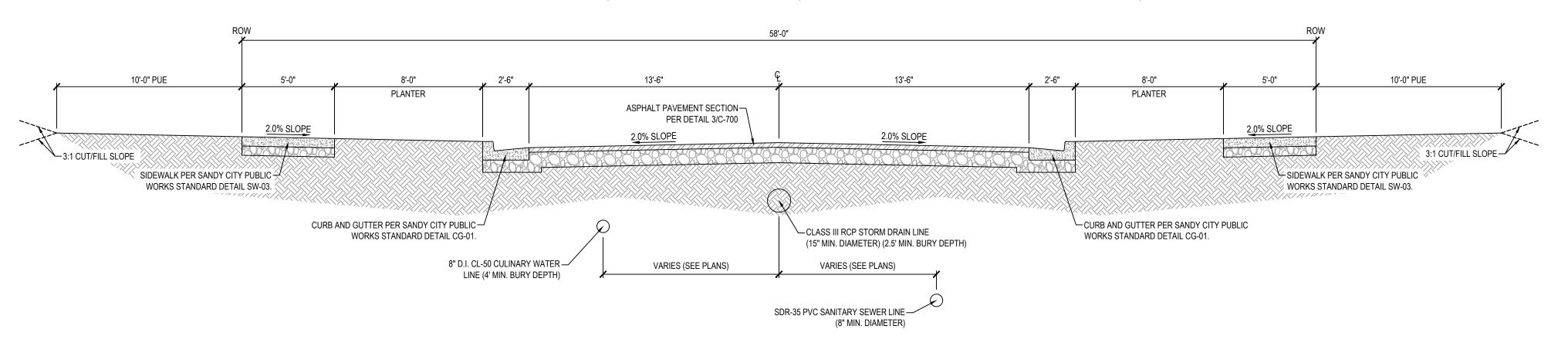
UTAH

VDY,

SAN

SALT LAKE CITY, UTAH 84103

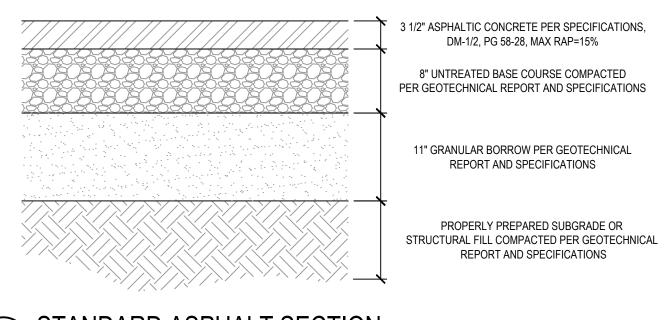
2025-05-30 PROJECT MANAGER DESIGNED BY



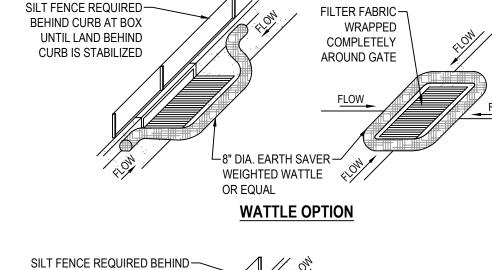
# TYPICAL ROAD CROSS SECTION (58' ROW)

#### **ASPHALT NOTES**

- 1. ALL PAVING TO BE PLACED OVER PROPERLY PREPARED NATURAL SOILS AND/OR PROPERLY PREPARED EXISTING FILL SOILS AND PROPERLY COMPACTED STRUCTURAL FILL WHERE SPECIFIED.
- 2. ALL STRUCTURAL FILL TO BE PLACED AND COMPACTED PER THE PROJECT GEOTECHNICAL REPORT OR TO A MINIMUM OF 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE AASHTO T-180 (D-1557) METHOD OF COMPACTION. LIFTS SHOULD BE PLACED PER GEOTECHNICAL RECOMMENDATIONS BUT SHOULD NOT EXCEED 8" IN LOOSE THICKNESS.
- 3. REMOVE SURFACE VEGETATION AND OTHER DELETERIOUS MATERIALS OVER THE ENTIRE SITE IN PREPARATION OF PROPOSED IMPROVEMENTS.



STANDARD ASPHALT SECTION



**SANDBAG OPTION** 

SAG INLET PROTECTION

-EARTH SAVER SEDIMENT

FACING AWAY FROM INLET

SAVER OR EQUAL, FILLED WITH

1/2 CF 3/4" GRAVEL, ZIPPER SIDE

CURB AT BOX UNTIL LAND

BEHIND CURB IS STABILIZED

SCALE: NONE

AGAINST CURB TO PREVENT SEDIMENT-LADEN WATER FROM GETTING BETWEEN CURB AND 2. PLACE WATTLES OR GRAVEL BAGS SUCH THAT FLOW DOES NOT OVERTOP CURB OR ROAD CENTERLINE.

NOTES:

3. INSPECT INLET PROTECTION AFTER EVERY LARGE STORM EVENT AND AT LEAST BI-WEEKLY, OR PER SWPPP REQUIREMENTS, WHICHEVER IS MORE STRINGENT, TO ENSURE THAT SEDIMENT CONTROL IS MEETING ITS DESIGN INTENT. MAINTAIN AND/OR REPLACE AS NEEDED. 4. REMOVE SEDIMENT ACCUMULATED WHEN IT

SCALE: NONE

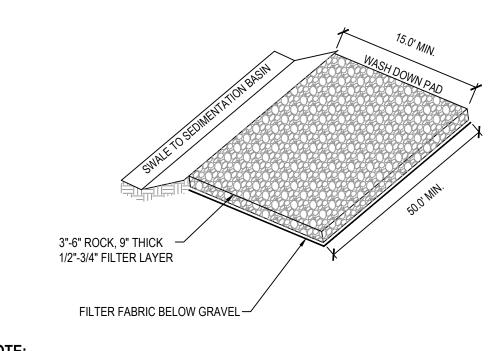
1. PLACE WATTLES OR GRAVEL BAGS TIGHT

REACHES 50% OF GRAVEL BAG OR WATTLE 5. CONTRACTOR MAY SUBMIT AN ALTERNATIVE METHOD OF INLET PROTECTION. THE ALTERNATIVE METHOD SHALL BE APPROVED BY

RECORD. 6. BEFORE PLACEMENT OF CURB, STABILIZATION OF LAND BEHIND CURB, AND/OR PAVING, MAINTAIN TOP OF INLET AT 6" ABOVE GRADE, AND SURROUND WITH SILT FENCE FOR SEDIMENTATION AROUND BOX. MAINTAIN SILT

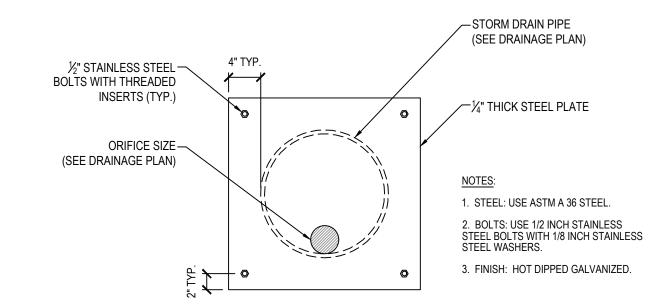
FENCE BEHIND BOX UNTIL LAND BEHIND CURB IS STABILIZED. SCALE: NONE

THE CITY INSPECTOR AND THE ENGINEER OF

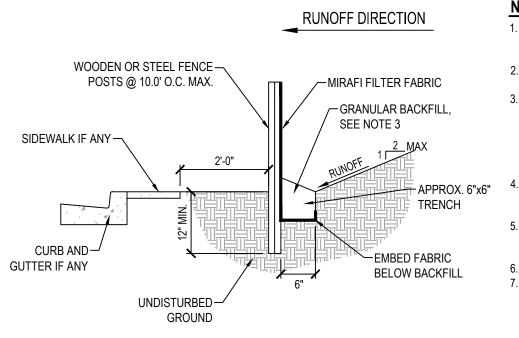


1. PLACE SIGN ADJACENT TO ENTRANCE " CONSTRUCTION TRAFFIC ONLY - ALL CONSTRUCTION TRAFFIC SHALL ENTER AND EXIT SITE AT THIS LOCATION"

STABILIZED CONSTRUCTION ENTRANCE



SCALE: NONE



1. EXCAVATE 6"x6" TRENCH ALONG LIMITS OF DISTURBANCE AS SHOWN ON CONSTRUCTION DRAWINGS. 2. POSTS SHALL BE POSITIONED ON DOWNSTREAM SIDE OF FENCE. 3. LAY TOE-IN FABRIC FLAP IN BOTTOM OF TRENCH. BACKFILL TRENCH WITH FREE DRAINING GRANULAR MATERIAL. COMPACT TRENCH TO SATISFACTION OF THE ENGINEER OF

SILT FENCE GEOTEXTILE SHALL MEET AASHTO M288-92 REQUIREMENTS. 5. REMOVE & DISPOSE OF SEDIMENT WHEN ACCUMULATION IS 50% OF EXPOSED FENCE HEIGHT.

RFCORD.

6. 10' MAX. SPACING BETWEEN STAKES. 7. SILT FENCES SHALL BE INSTALLED ALONG CONTOURS, NOT UP AND DOWN SLOPES, WITH 10' OVERLAP AT BREAKS.

TEMPORARY SILT FENCE

SCALE: NONE



45 W 10000 S, Suite 500 Sandy, UT 84070

Phone: 801.255.0529

LAYTON

**TOOELE** Phone: 435.843.3590

Phone: 801.547.1100

**CEDAR CITY** Phone: 435.865.1453 RICHFIELD

Phone: 435.896.2983

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GARBETT HOMS 273 EAST CAPITOL STREET

SALT LAKE CITY, UTAH 84103 CONTACT: JACOB BALLSTAEDT

PHONE: 801.456.2474

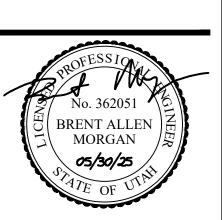
8680 SOUTH 411 EAS

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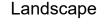
SUBDIVISION

FIREFLY



**DETAILS** 





Trees						
Qty	Symbol	Common Name	Botanical Name	Plant Size		
25		Bigtooth Maple	Acer grandidentatum	2" Cal.		
26		Japanese Zelkova	Cercis canadensis	2" Cal.		

1 Install 4" deep bark mulch over weed barrier.

2 Install 4" deep decorative rock over weed barrier.

3 Install sod

General Notes:

1. Driveway locations are not exact. Landscape improvements may need to be adjusted to accommodate final driveway locations.



HORIZONTAL GRAPHIC SCALE

40 0 20 40 8

(IN FEET)
HORZ: 1 inch = 40 ft.

CALL BLUESTAKES
@ 811 AT LEAST 48 HOURS
PRIOR TO THE
COMMENCEMENT OF ANY
CONSTRUCTION.

BENCHMARK

NORTHWEST CORNER OF SECTION 6,
TOWNSHIP 3 SOUTH, RANGE 1 EAST,
SALT LAKE BASE AND MERIDIAN

ELEV = 4414.39'

PARKSTRIP AND STREET TREE PLAN

PROJECT NUMBER 13608 PRINT DATE 2025-05-30

PROJECT MANAGER DESIGNED BY DATE DATE 2025-05-30

PROJECT MANAGER DESIGNED BY DATE 2025-05-30

THE STANDARD IN ENGINEERING

45 W 10000 S, Suite 500

Sandy, UT 84070 Phone: 801.255.0529

Phone: 801.547.1100

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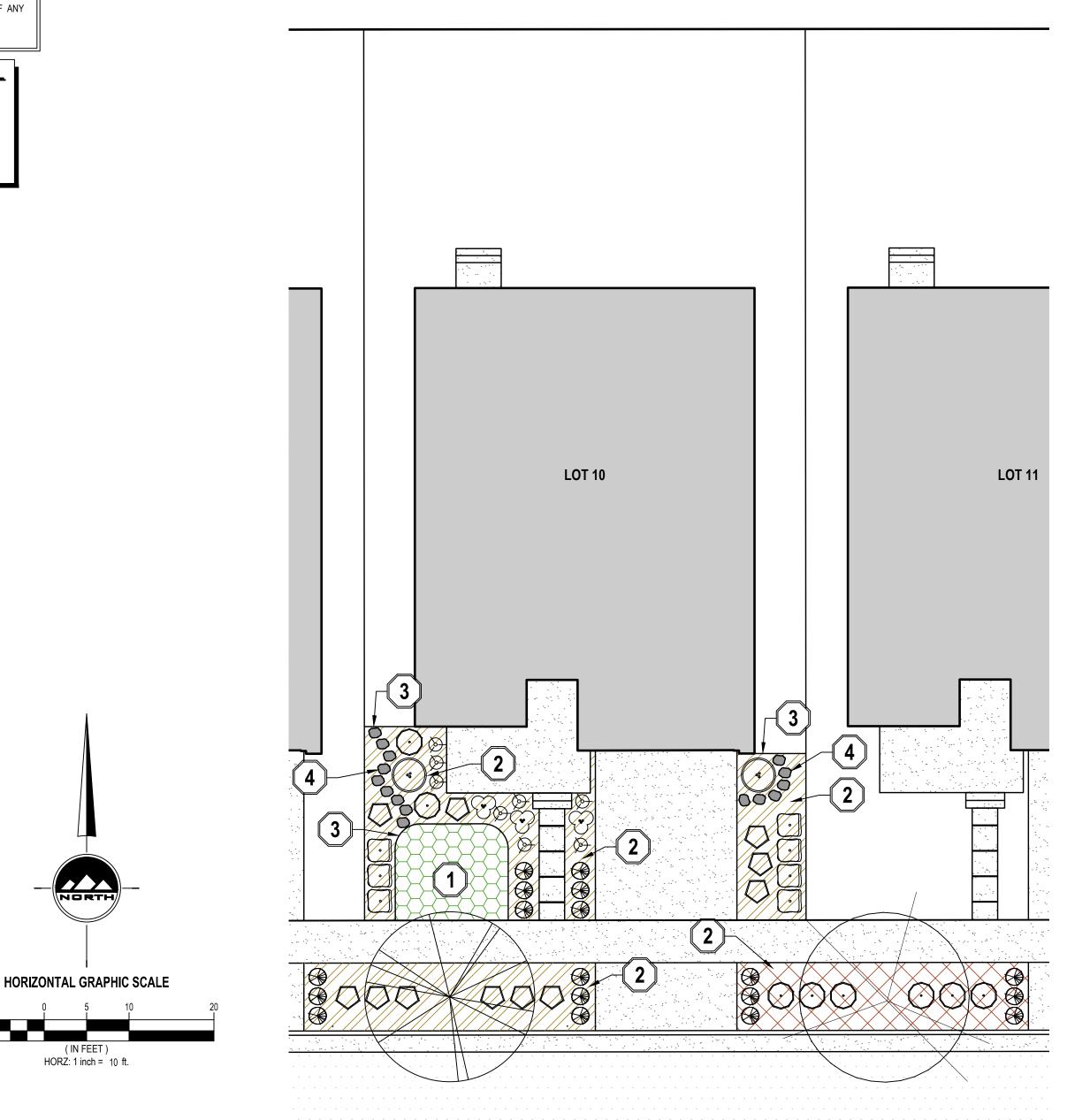
411 EAST 8680 SOUTH SANDY, UTAH

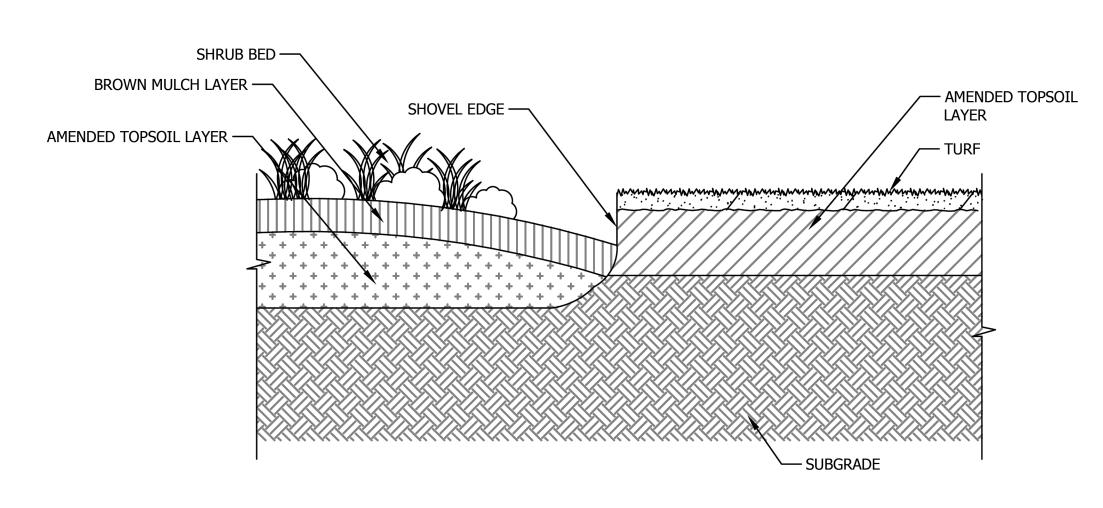


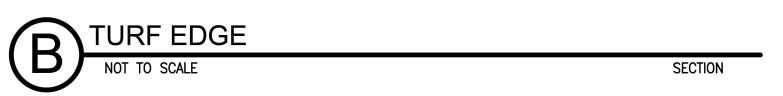
#### **BENCHMARK**

NORTHWEST CORNER OF SECTION 6, TOWNSHIP 3 SOUTH, RANGE 1 EAST, SALT LAKE BASE AND MERIDIAN

ELEV = 4414.39'







# Landscape

# Trees

Qty	Symbol	Common Name	Botanical Name	Plant Size
1*		Bigtooth Maple	Acer grandidentatum	2" Cal.
1*		Japanese Zelkova	Cercis canadensis	2" Cal.

\*Tree variety will vary, see Parkstrip and Street Tree Plan, L-100

# Shrubs

Qty	Symbol	Common Name	Botanical Name	Plant Size
8	$\odot$	Barberry, 'Crimson Pygmy'	Berberis thunbergii atropurpurea nana	5 Gallon
7		Boxwood, Littleleaf	Buxus microphylla	5 Gallon
11	$\Diamond$	Cinquefoil	Potentilla fruticosa 'Abbotswood'	5 Gallon
2	• <del>c</del>	Winged Euonymus	Euonymus alatus 'Grove's Compactus'	5 Gallon
18		Fountain Grass	Pennisetum setaceum	1 Gallon

# Annuals-Perennials

Qty	Symbol	Common Name	Botanical Name	Plant Size
8	<b>&gt;</b>	Beardtongue	Rudbeckia hirta	1 Gallon
3	<b>♡</b>	Autumn Fire Sedum	Sedum spectabile 'Autumn Fire'	1 Gallon

**1** Install sod (150 sq. ft. in lot, 280 sq. ft. in parkstrip)

In all planter bed areas, install 4" deep brown shredded bark mulch or decorative rock, see L-100 (450 sq. ft. and 275 sq. ft.)

BARK

ROCK

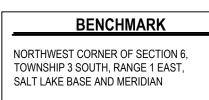
**3** Turf Edge per detail B, this sheet.

**4** Optional Pedestrian Path- Can be rock, pavers, concrete, brick, or bark mulch

### General Notes:

- All quantities are shown as an aid only. It shall be the sole responsibility of the contractor for all actual quantity calculations.
- Plant common names are shown as an aid only. Use botanical name when purchasing all plant materials.
- All shrub beds require 4" min. depth of brown mulch.
- Contractor shall be responsible for any damage to underground utilities, pipes and structures.





ELEV = 4414.39'





45 W 10000 S, Suite 500 Sandy, UT 84070 Phone: 801.255.0529

Phone: 801.547.1100

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RICHFIELD

Phone: 435.896.2983

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FOR: GARBETT HOMS 273 EAST CAPITOL STREET SALT LAKE CITY, UTAH 84103

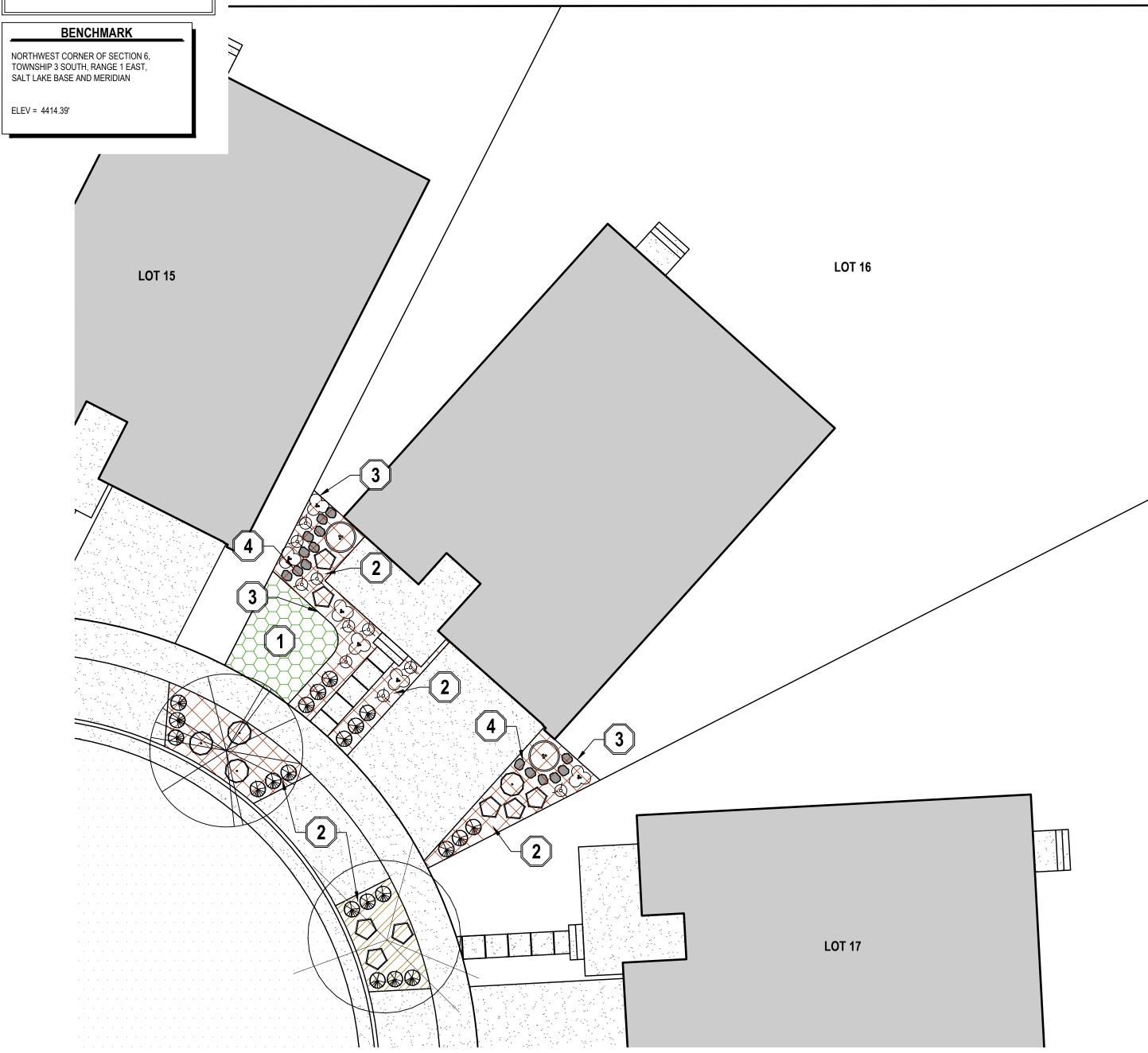
CONTACT: JACOB BALLSTAEDT PHONE: 801.456.2474

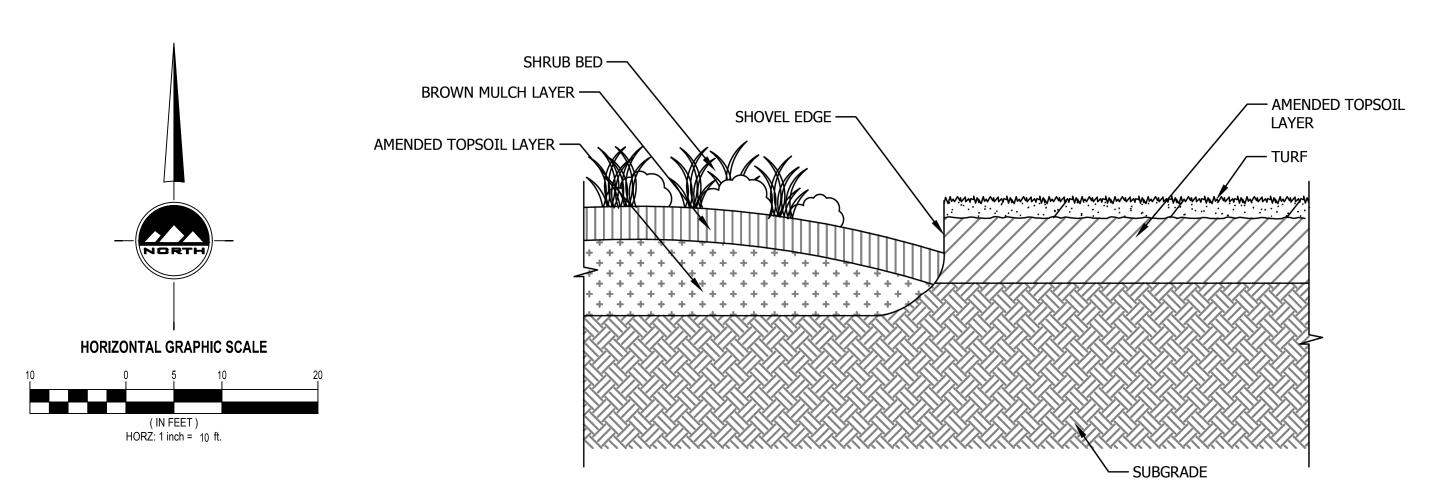
SUBDIVISION FIREFLY

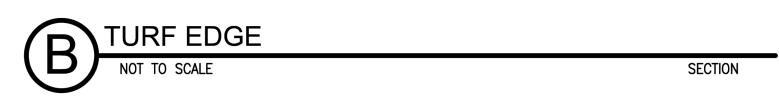
411 EAST 8680 SOUTH SANDY, UTAH

**INTERIOR LOT** LANDSCAPE PLAN (TYPICAL)

PRINT DATE 2025-05-30







# Landscape

# Trees

Qty	Symbol	Common Name	Botanical Name	Plant Size
1*		Bigtooth Maple	Acer grandidentatum	2" Cal.
1*		Japanese Zelkova	Cercis canadensis	2" Cal.

\*Tree variety will vary, see Parkstrip and Street Tree Plan, L-100

#### Shrubs

Qty	Symbol	Common Name	Botanical Name	Plant Size
5	$\odot$	Barberry, 'Crimson Pygmy'	Berberis thunbergii atropurpurea nana	5 Gallon
11	$\Diamond$	Cinquefoil	Potentilla fruticosa 'Abbotswood'	5 Gallon
2	•	Winged Euonymus	Euonymus alatus 'Grove's Compactus'	5 Gallon
21		Fountain Grass	Pennisetum setaceum	1 Gallon

# **Annuals-Perennials**

Qty	Symbol	Common Name	Botanical Name	Plant Size
10	<b>&gt;</b>	Beardtongue	Rudbeckia hirta	1 Gallon
6	•	Autumn Fire Sedum	Sedum spectabile 'Autumn Fire'	1 Gallon

**1** Install sod (150 sq. ft. in lot, 280 sq. ft. in parkstrip)

In all planter bed areas, install 4" deep decorative rock or brown shredded bark mulch, see L-100 (500 sq. ft. and 110 sq. ft.)

BARK

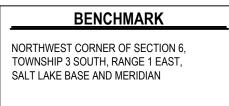
Turf Edge per detail B, this sheet.

Optional Pedestrian Path- Can be rock, pavers, concrete, brick, or bark mulch

# General Notes:

- All quantities are shown as an aid only. It shall be the sole responsibility of the contractor for all actual quantity calculations.
- 2. Plant common names are shown as an aid only. Use botanical name when purchasing all plant materials.
- 3. All shrub beds require 4" min. depth of brown mulch.
- 4. Contractor shall be responsible for any damage to underground utilities, pipes and structures.









45 W 10000 S, Suite 500 Sandy, UT 84070 Phone: 801.255.0529

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Phone: 435.843.3590 **CEDAR CITY** 

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FOR: GARBETT HOMS 273 EAST CAPITOL STREET SALT LAKE CITY, UTAH 84103

CONTACT: JACOB BALLSTAEDT PHONE: 801.456.2474

411 EAST 8680 SOUTH SANDY, UTAH

SUBDIVISION

FIREFLY

**CUL-DE-SAC LOT** LANDSCAPE PLAN (TYPICAL)

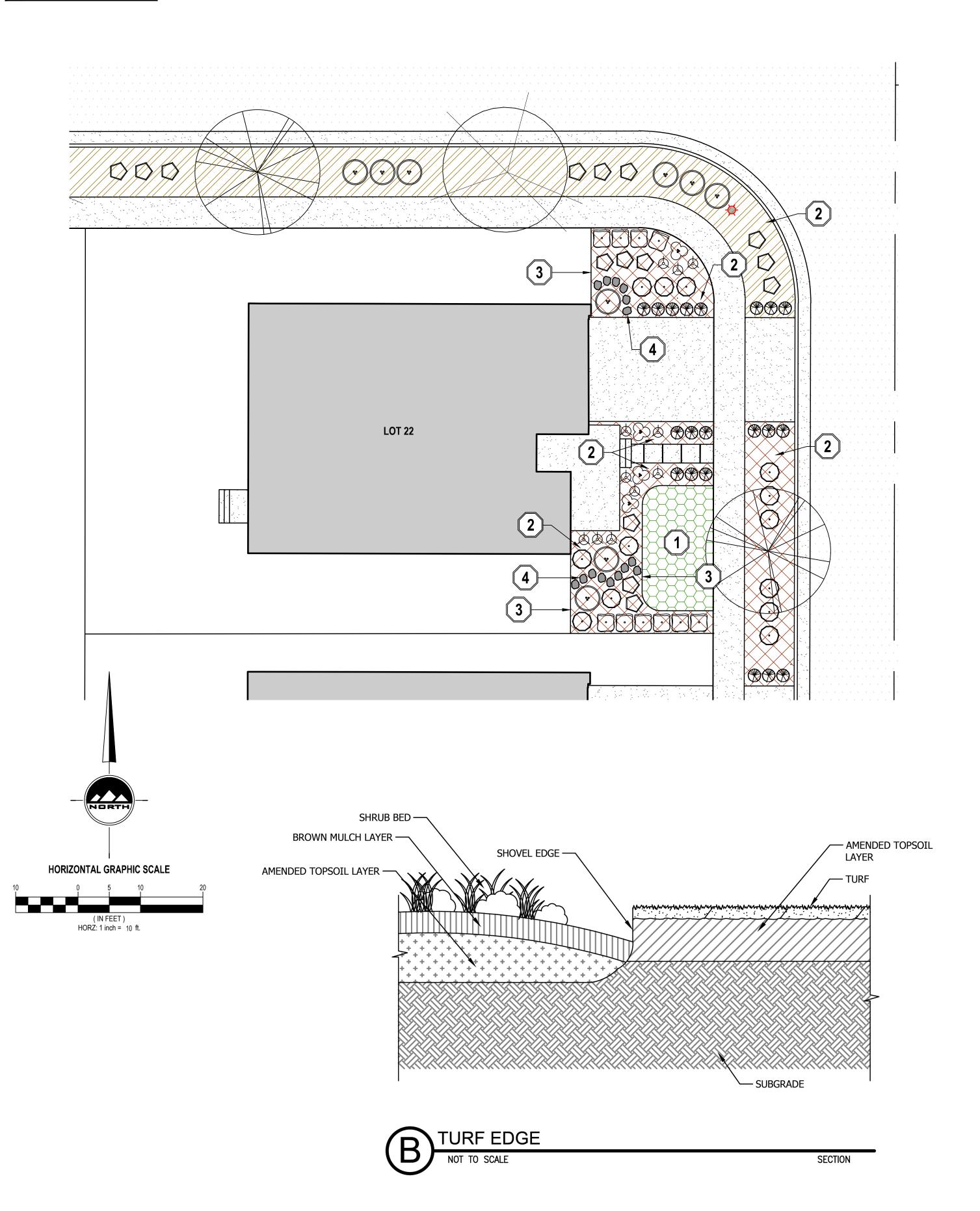
PRINT DATE 2025-05-30



BENCHMARK

NORTHWEST CORNER OF SECTION 6, TOWNSHIP 3 SOUTH, RANGE 1 EAST, SALT LAKE BASE AND MERIDIAN

ELEV = 4414.39'



# Landscape

# Trees

Qty	Symbol	Common Name	Botanical Name	Plant Size
1*		Bigtooth Maple	Acer grandidentatum	2" Cal.
1*		Japanese Zelkova	Cercis canadensis	2" Cal.

\*Tree variety will vary, see Parkstrip and Street Tree Plan, L-100

## Shrubs

Qty	Symbol	Common Name	Botanical Name	Plant Size
13	$\odot$	Barberry, 'Crimson Pygmy'	Berberis thunbergii atropurpurea nana	5 Gallon
10		Boxwood, Littleleaf	Buxus microphylla	5 Gallon
15	$\Diamond$	Cinquefoil	Potentilla fruticosa 'Abbotswood'	5 Gallon
9	•\$	Winged Euonymus	Euonymus alatus 'Grove's Compactus'	5 Gallon
20		Fountain Grass	Pennisetum setaceum	1 Gallon

# **Annuals-Perennials**

Qty	Symbol	Common Name	Botanical Name	Plant Size
11	<b>⊘</b>	Beardtongue	Rudbeckia hirta	1 Gallon
4	<b>♡</b>	Autumn Fire Sedum	Sedum spectabile 'Autumn Fire'	1 Gallon

1 Install sod (150 sq. ft. in lot, 280 sq. ft. in parkstrip)

In all planter bed areas, install 4" deep brown shredded bark mulch or decorative rock, see L-100 (450 sq. ft. and 960 sq. ft.)

BARK

ROCK

Turf Edge per detail B, this sheet.

4 Optional Pedestrian Path- Can be rock, pavers, concrete, brick, or bark mulch

#### General Notes:

- 1. All quantities are shown as an aid only. It shall be the sole responsibility of the contractor for all actual quantity calculations.
- 2. Plant common names are shown as an aid only. Use botanical name when purchasing all plant materials.
- 3. All shrub beds require 4" min. depth of brown mulch.
- 4. Contractor shall be responsible for any damage to underground utilities, pipes and structures.



BENCHMARK

NORTHWEST CORNER OF SECTION 6,
TOWNSHIP 3 SOUTH, RANGE 1 EAST,
SALT LAKE BASE AND MERIDIAN

ELEV = 4414.39'

ENSIGN
THE STANDARD IN ENGINEERING

SANDY
45 W 10000 S. Suite 500

**SANDY** 45 W 10000 S, Suite 500 Sandy, UT 84070 Phone: 801.255.0529

**LAYTON**Phone: 801.547.1100

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FOR: GARBETT HOMS 273 EAST CAPITOL STREET SALT LAKE CITY, UTAH 84103

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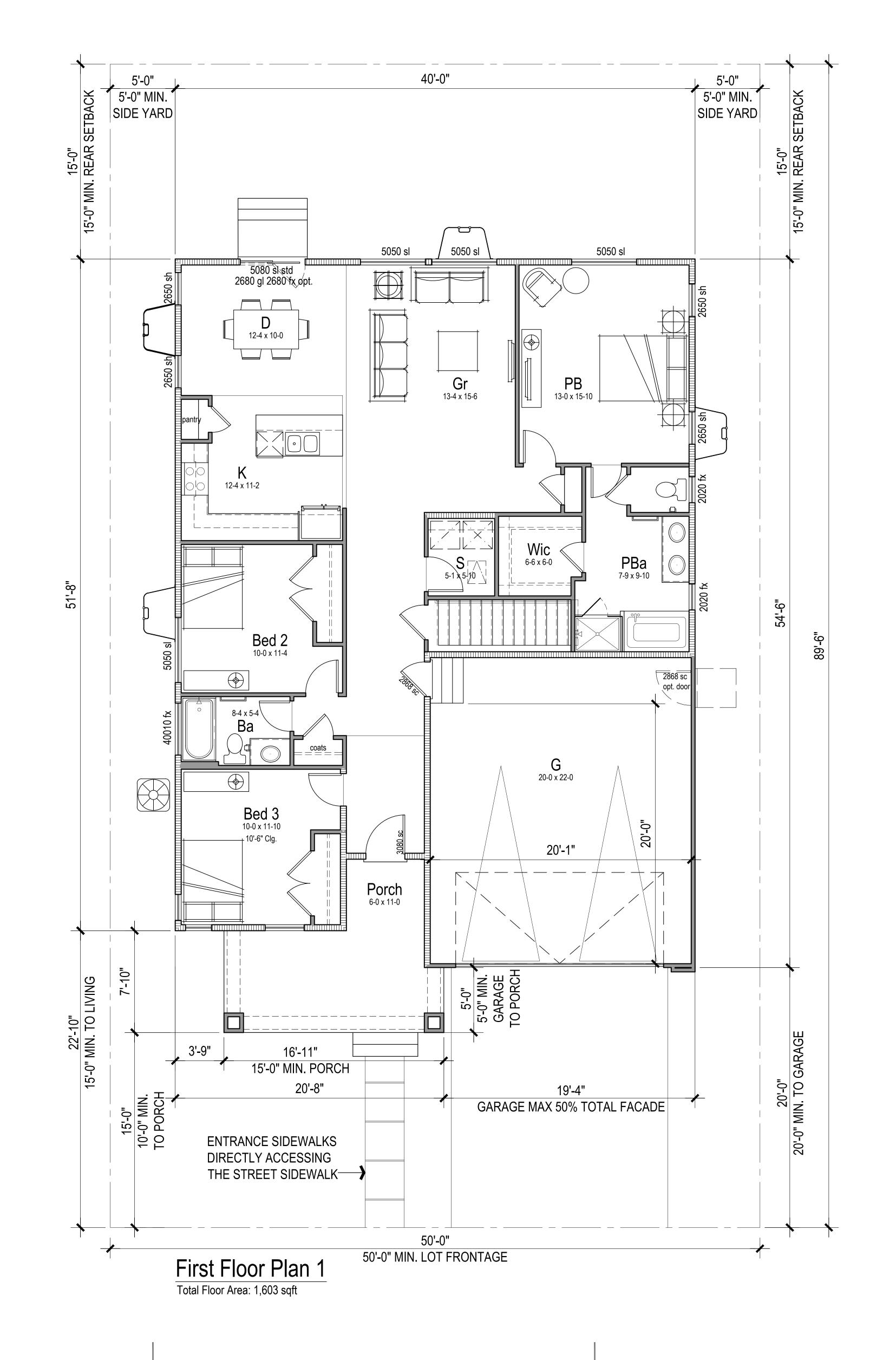
FIREFLY SUBDIVISION

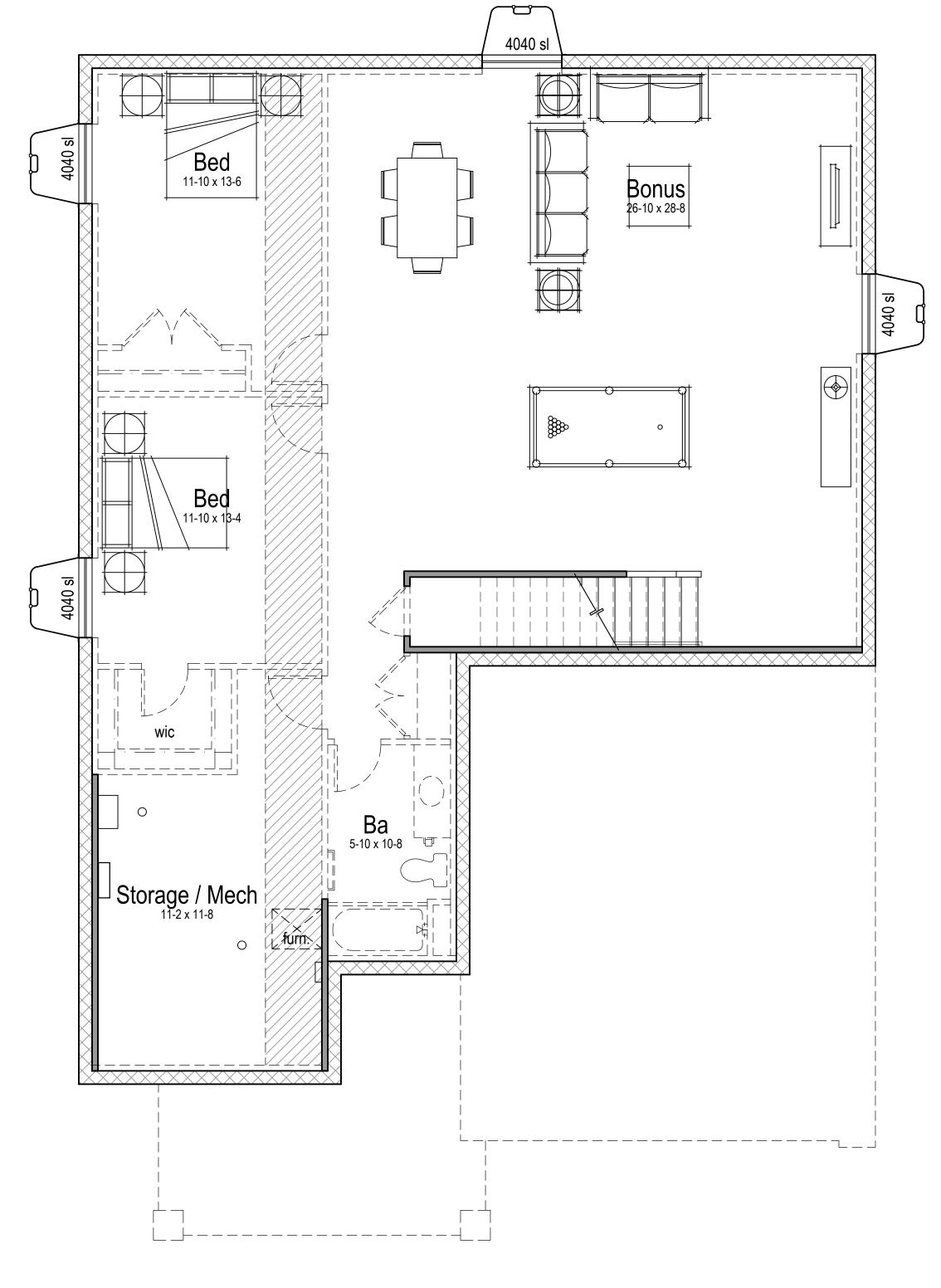
411 EAST 8680 SOUTH SANDY, UTAH

CORNER LOT LANDSCAPE PLAN (TYPICAL)

PROJECT NUMBER 13608 PRINT DATE 2025-05-30

PROJECT MANAGER DESIGNED BY JWS



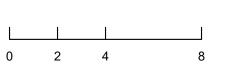


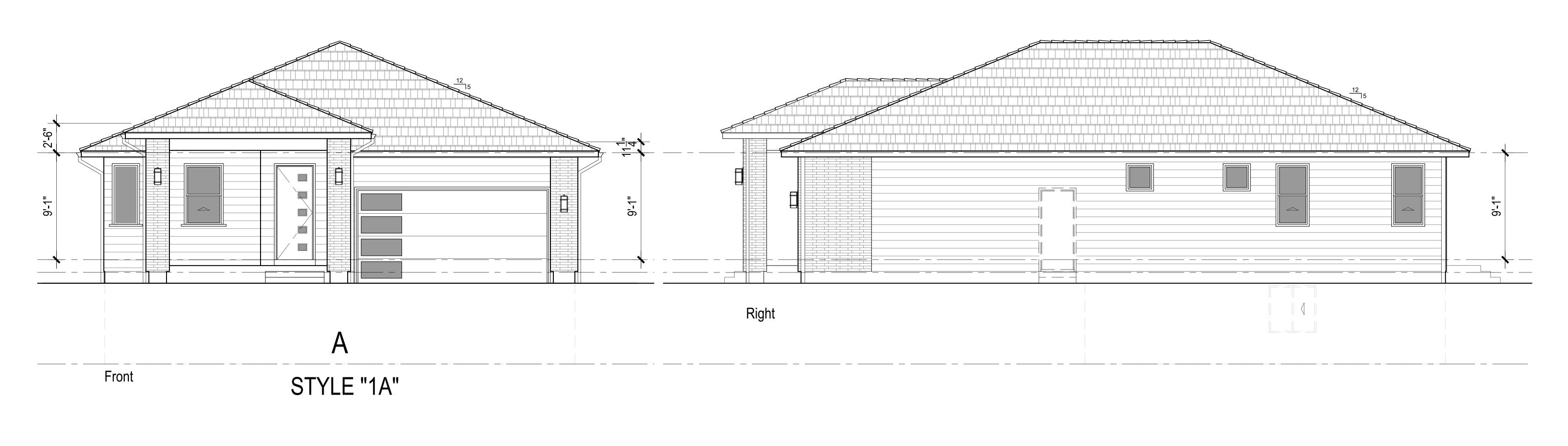
Basement Floor Plan 1

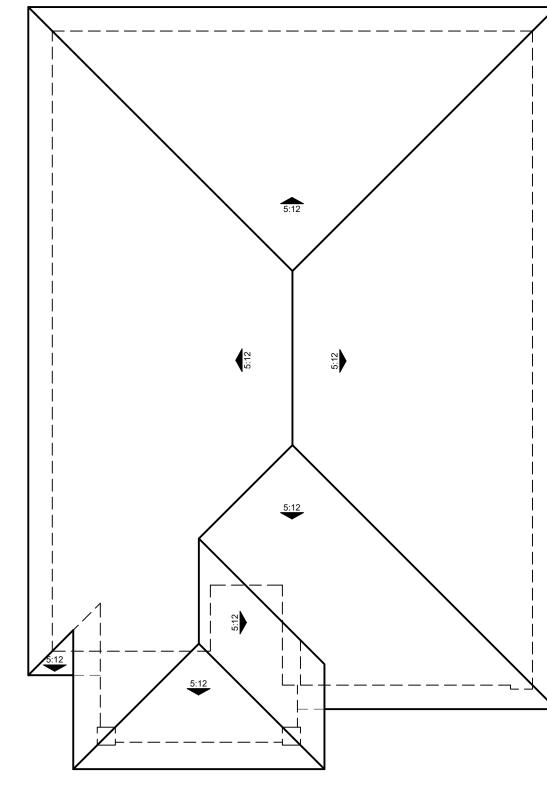
Basement Floor Area: 1,603 sqft



GARBETT SANDY, UT FIREFLY SANDY, UT # 2024-1069 CONCEPTUAL DESIGN
05/14/2025







Rear

ROOF PLAN 1A SCALE: 4"=1'-0"

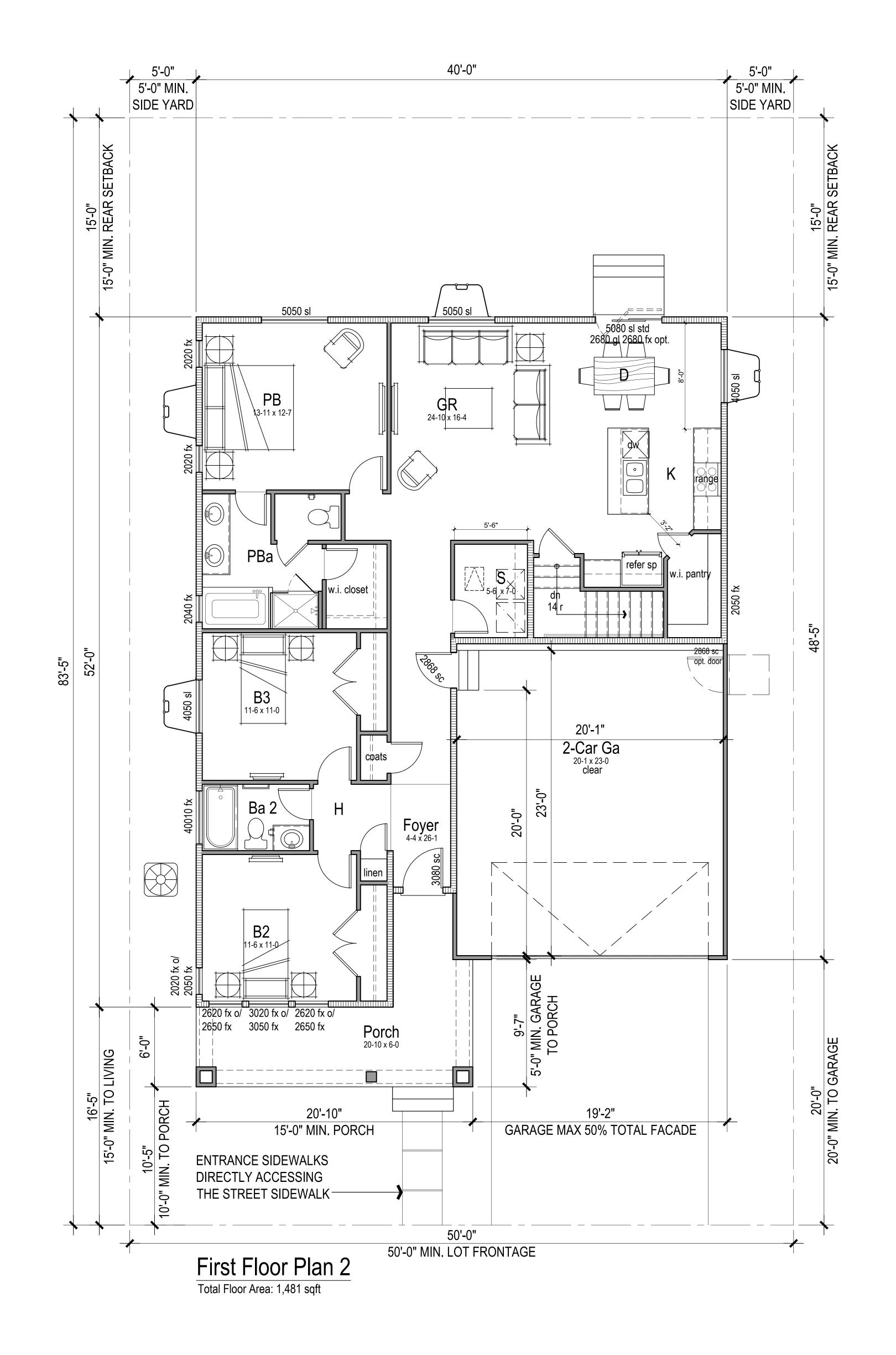


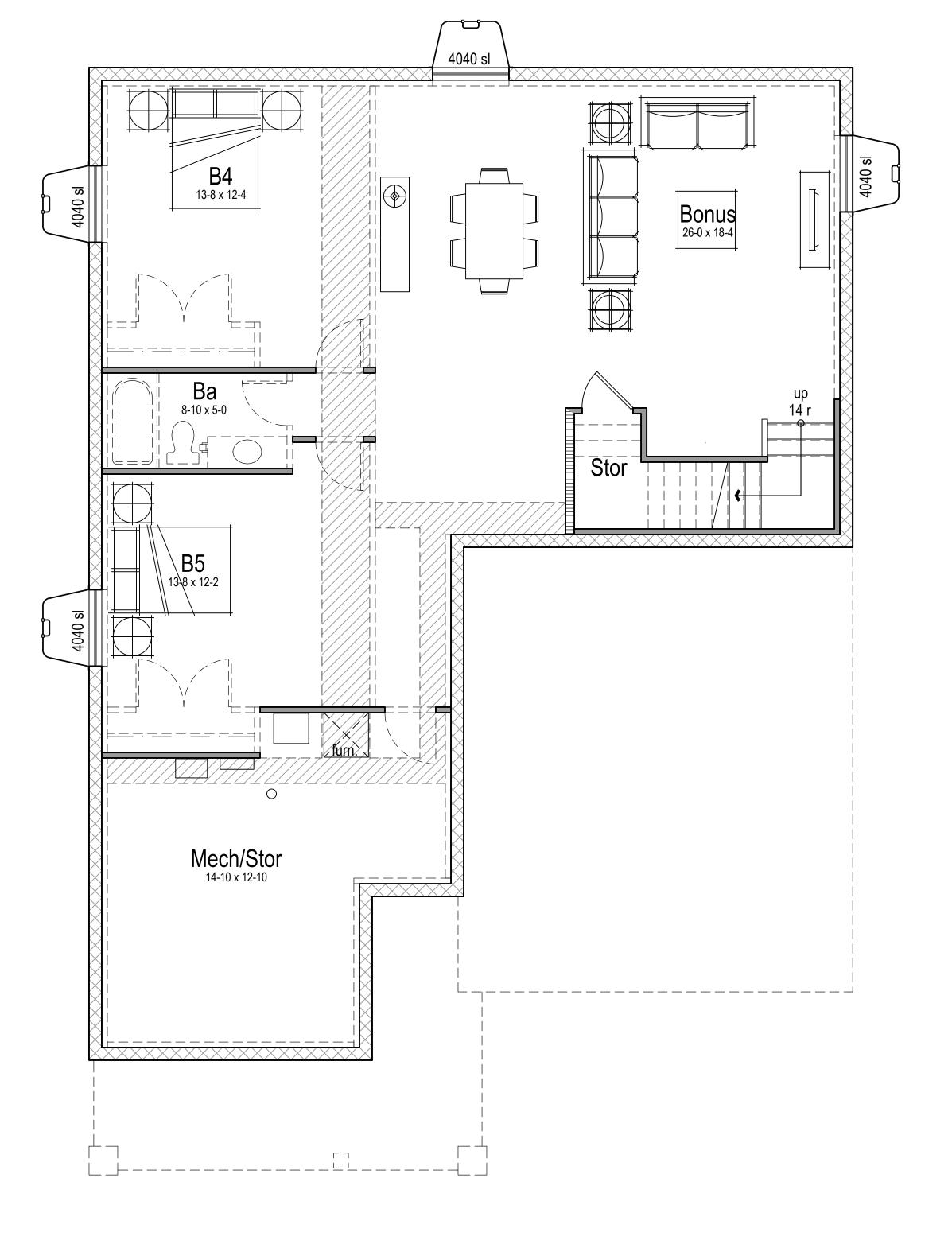


FIREFLY SANDY, UT # 2024-1069 CONCEPTUAL DESIGN

05/14/2025

0 2 4 8





Basement Floor Plan 2

Basement Floor Area: 1,493 sqft

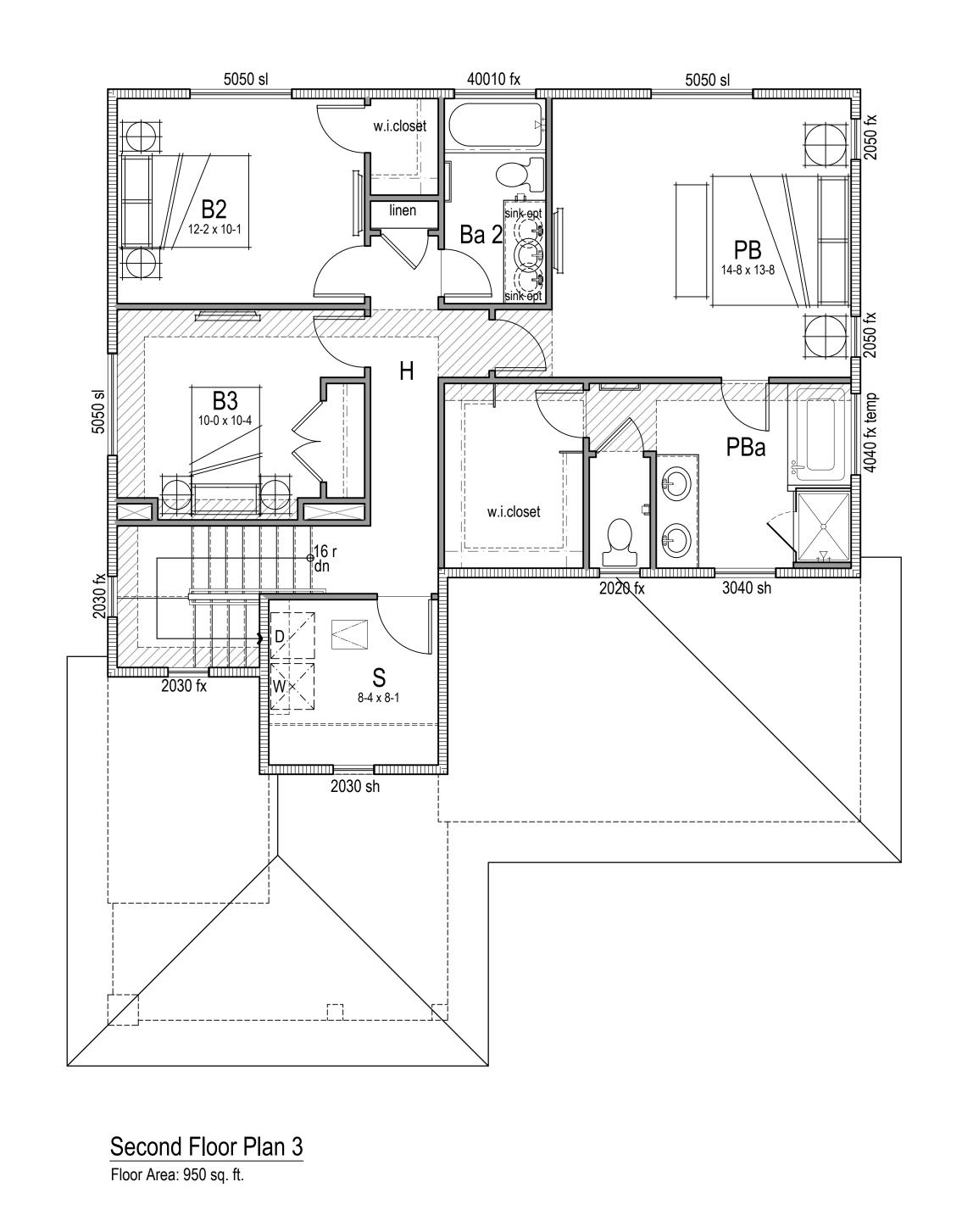


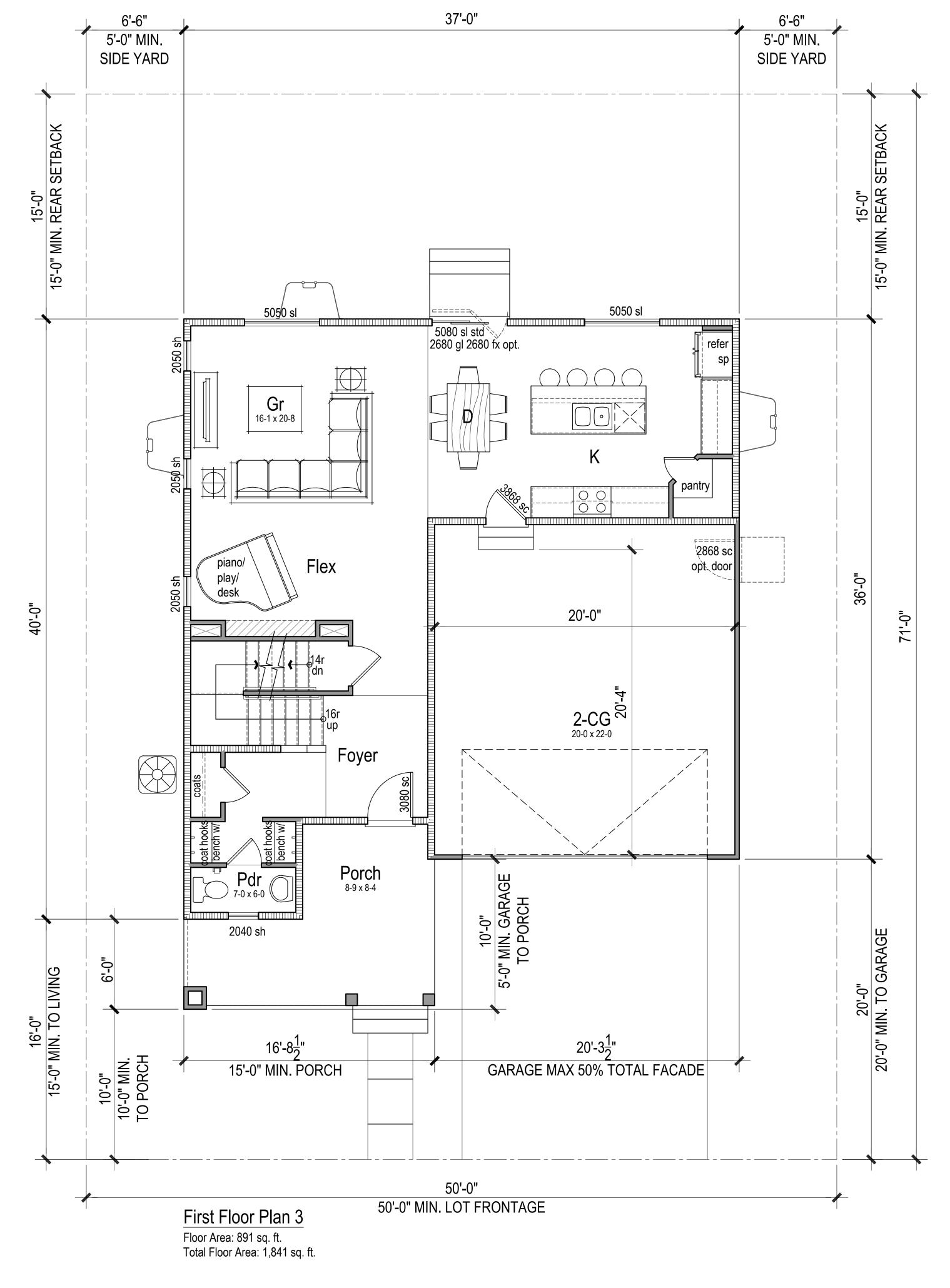


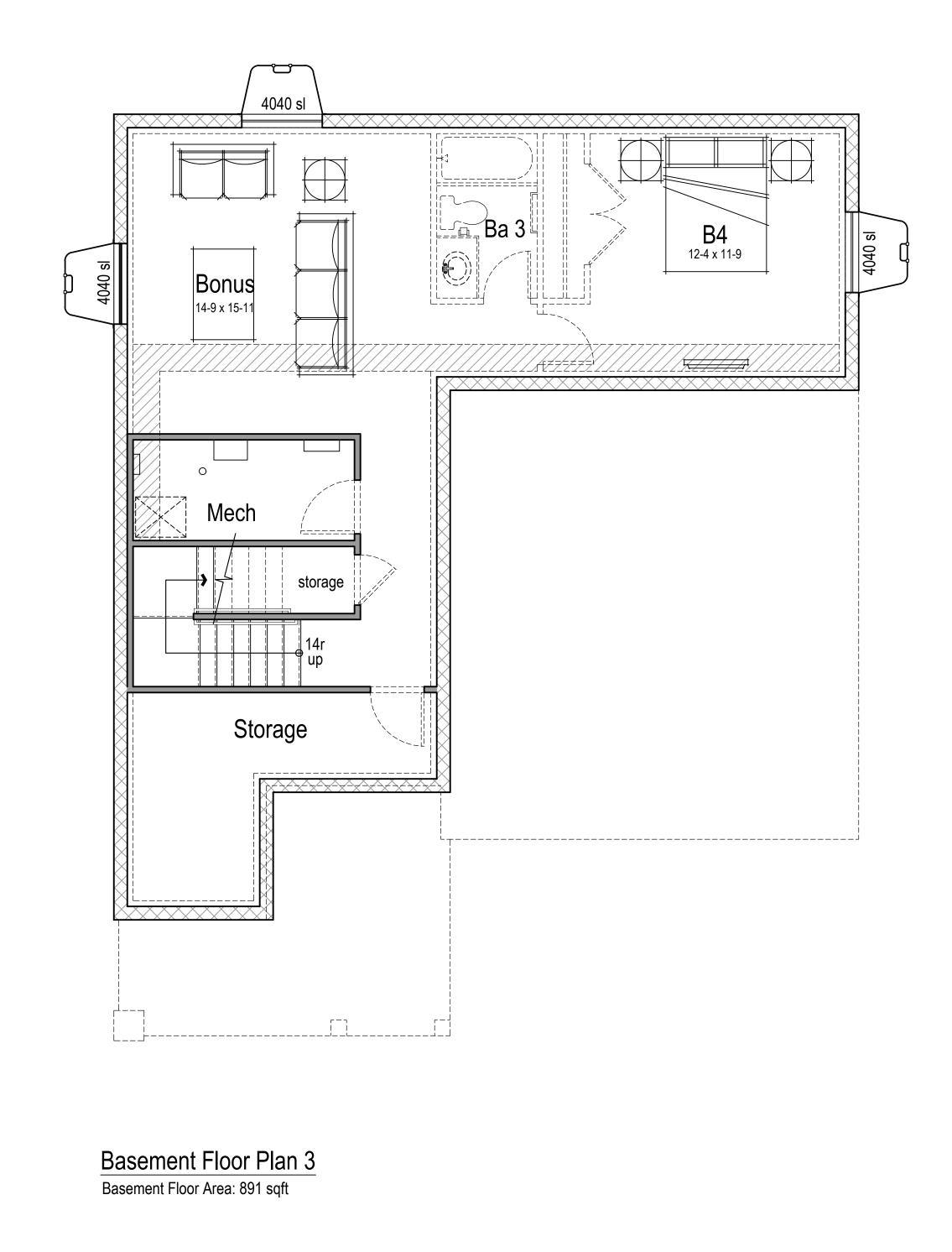






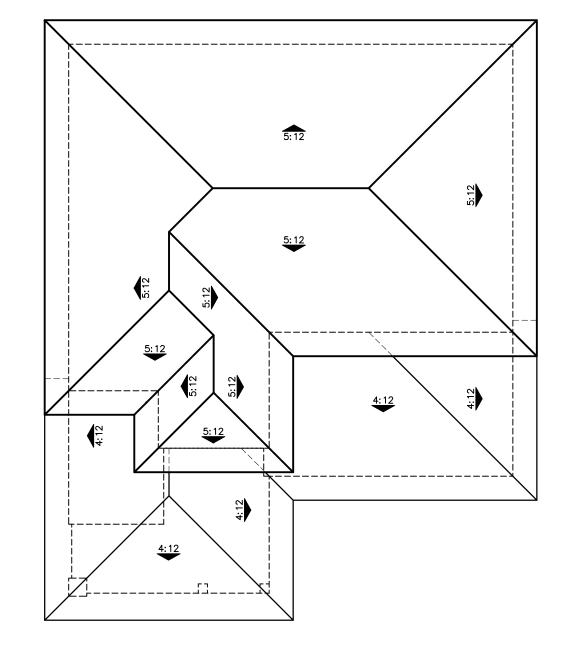


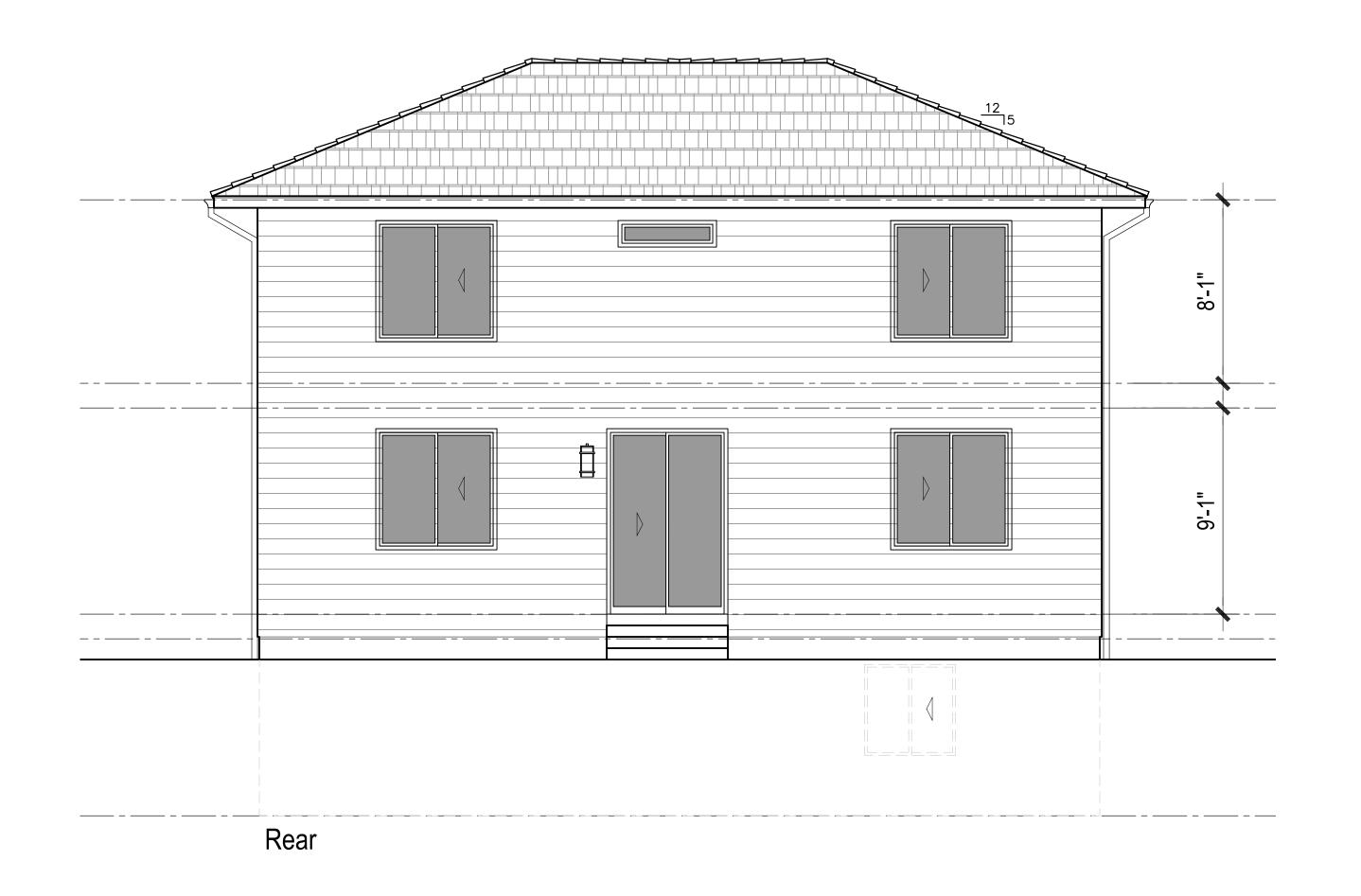














ROOF PLAN 3A SCALE: 4"=1'-0"



FIREFLY SANDY, UT # 2024-1069

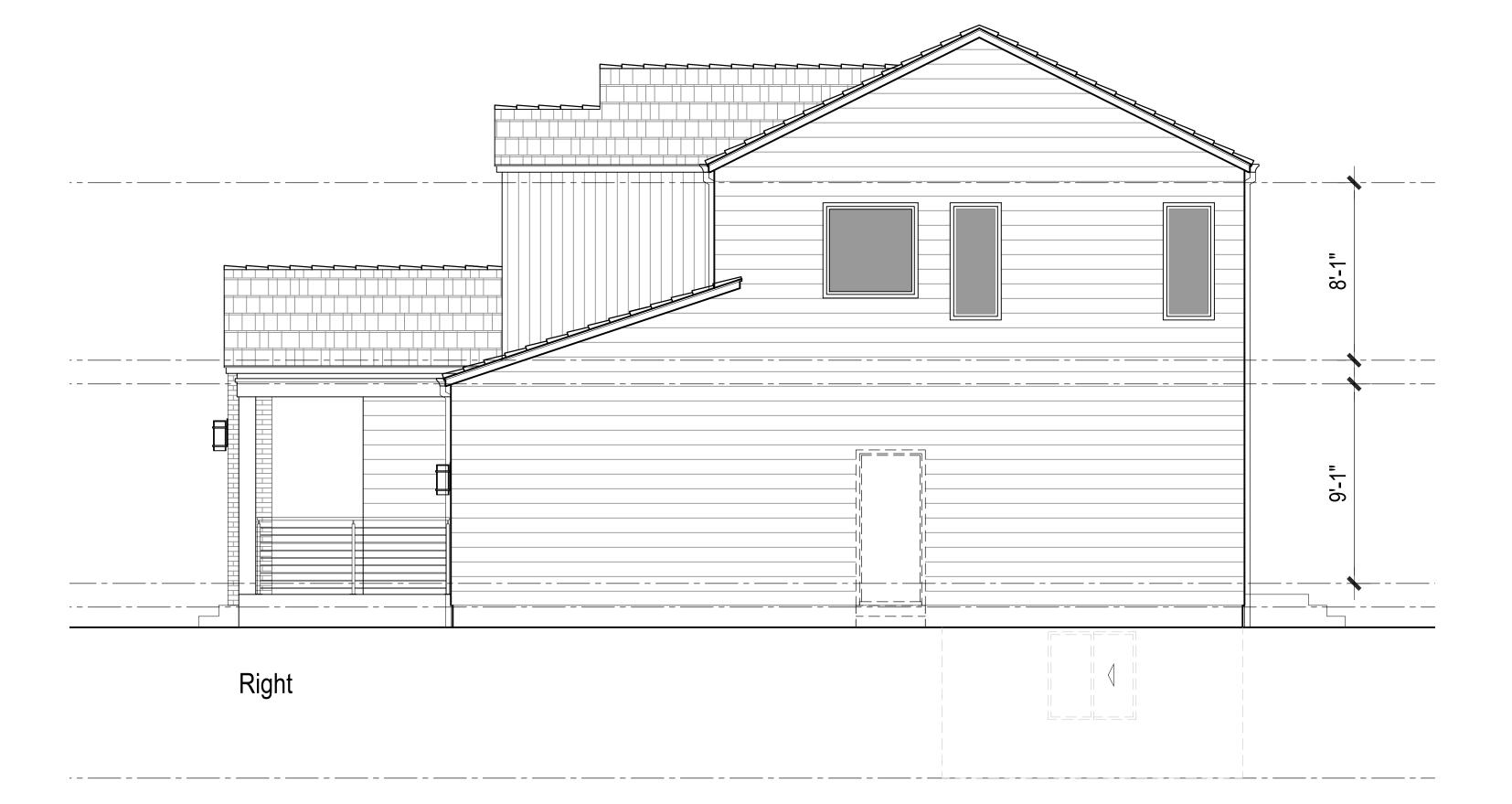
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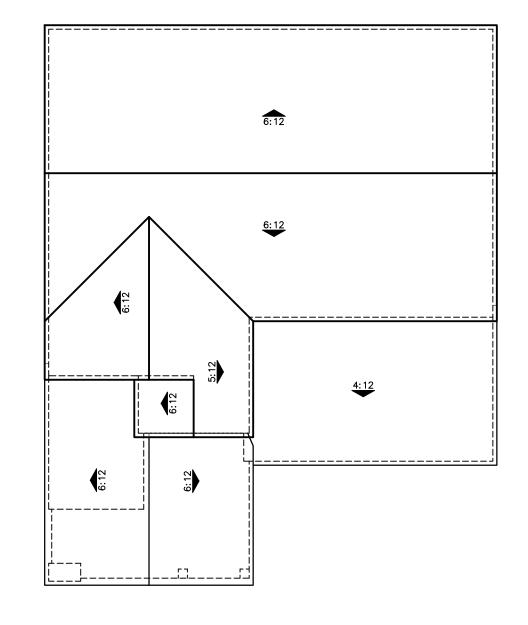
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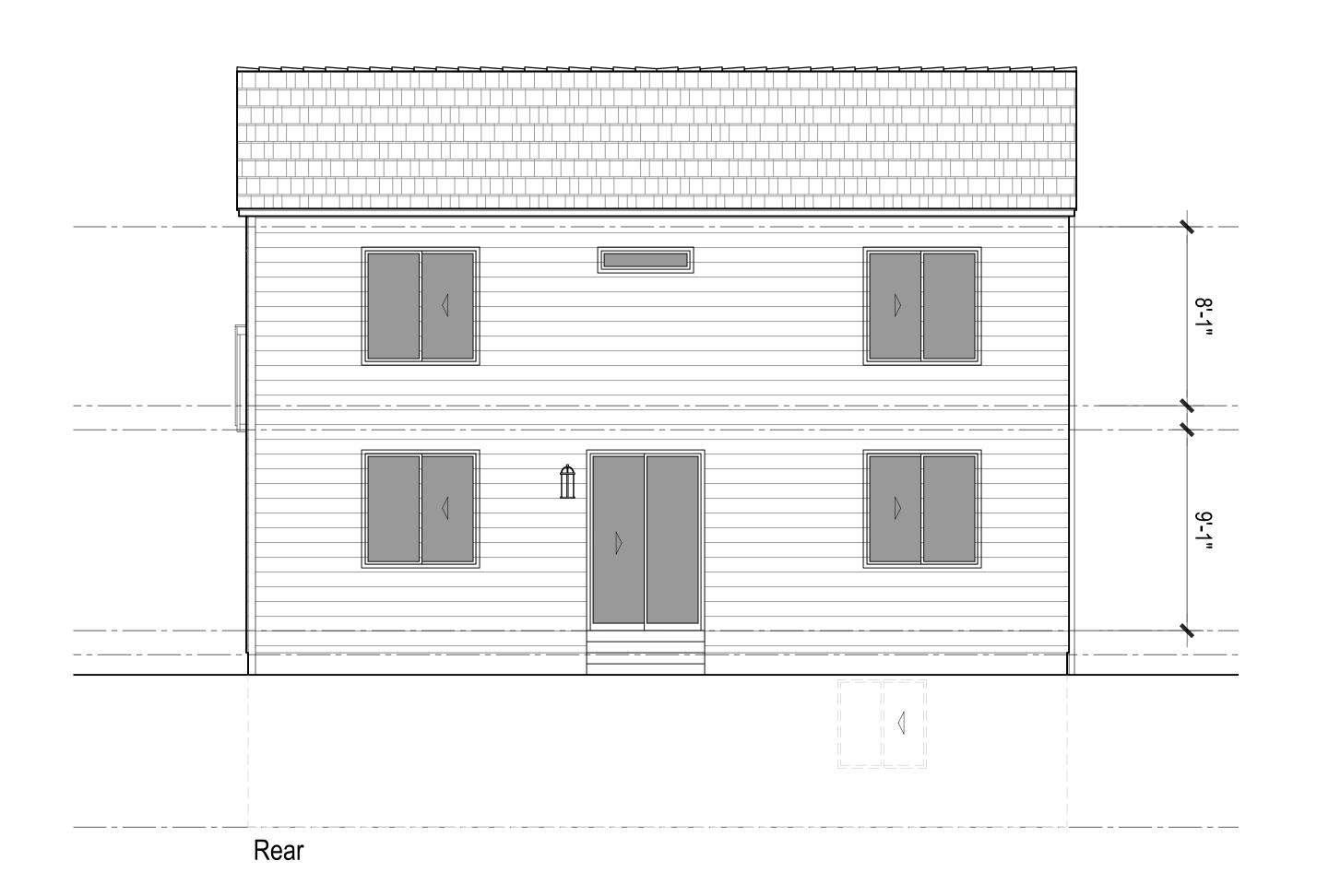
CONCEPTUAL ELEVATION - MATISSE

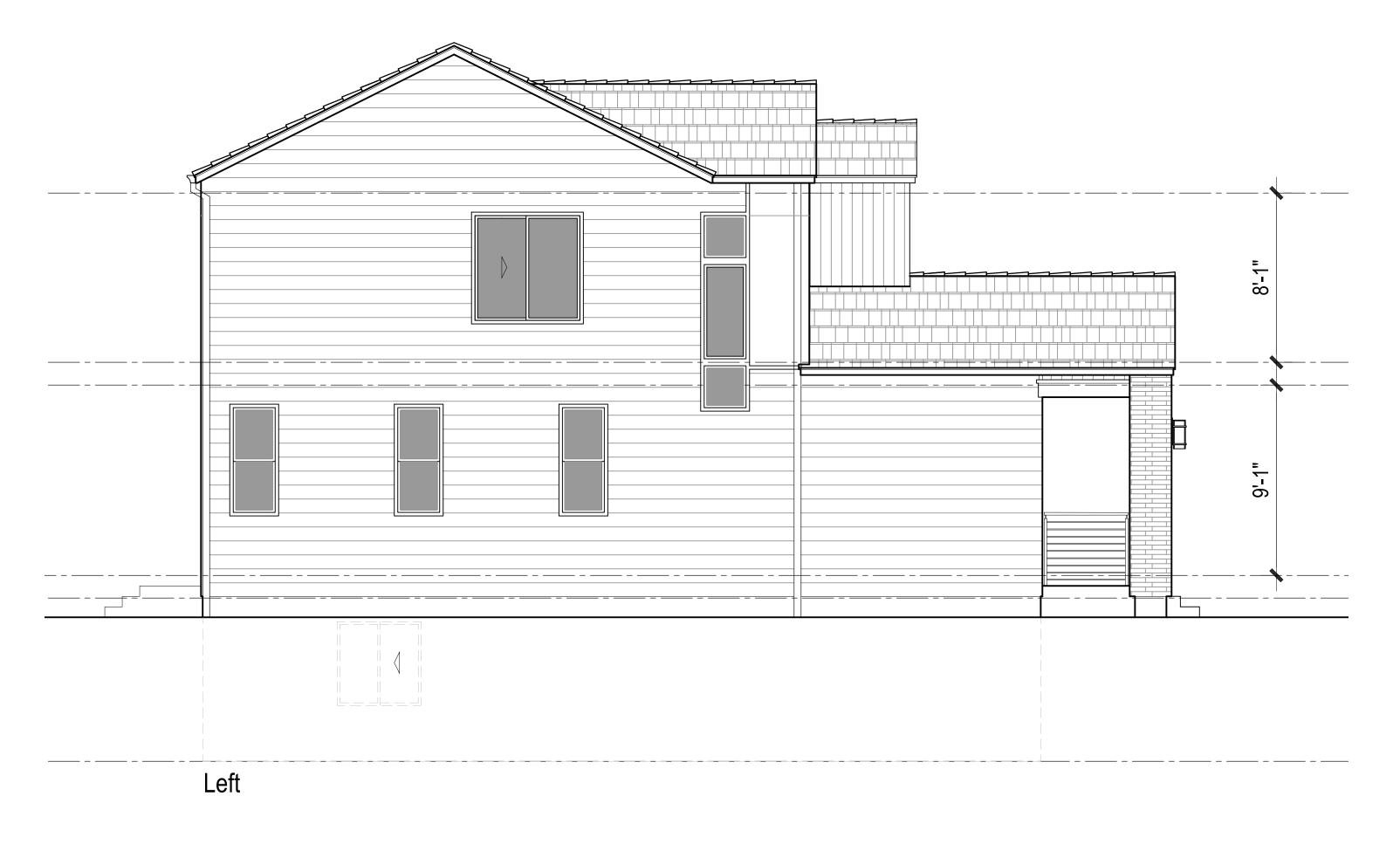






STYLE "3B"





ROOF PLAN 3B SCALE: 4"=1'-0"

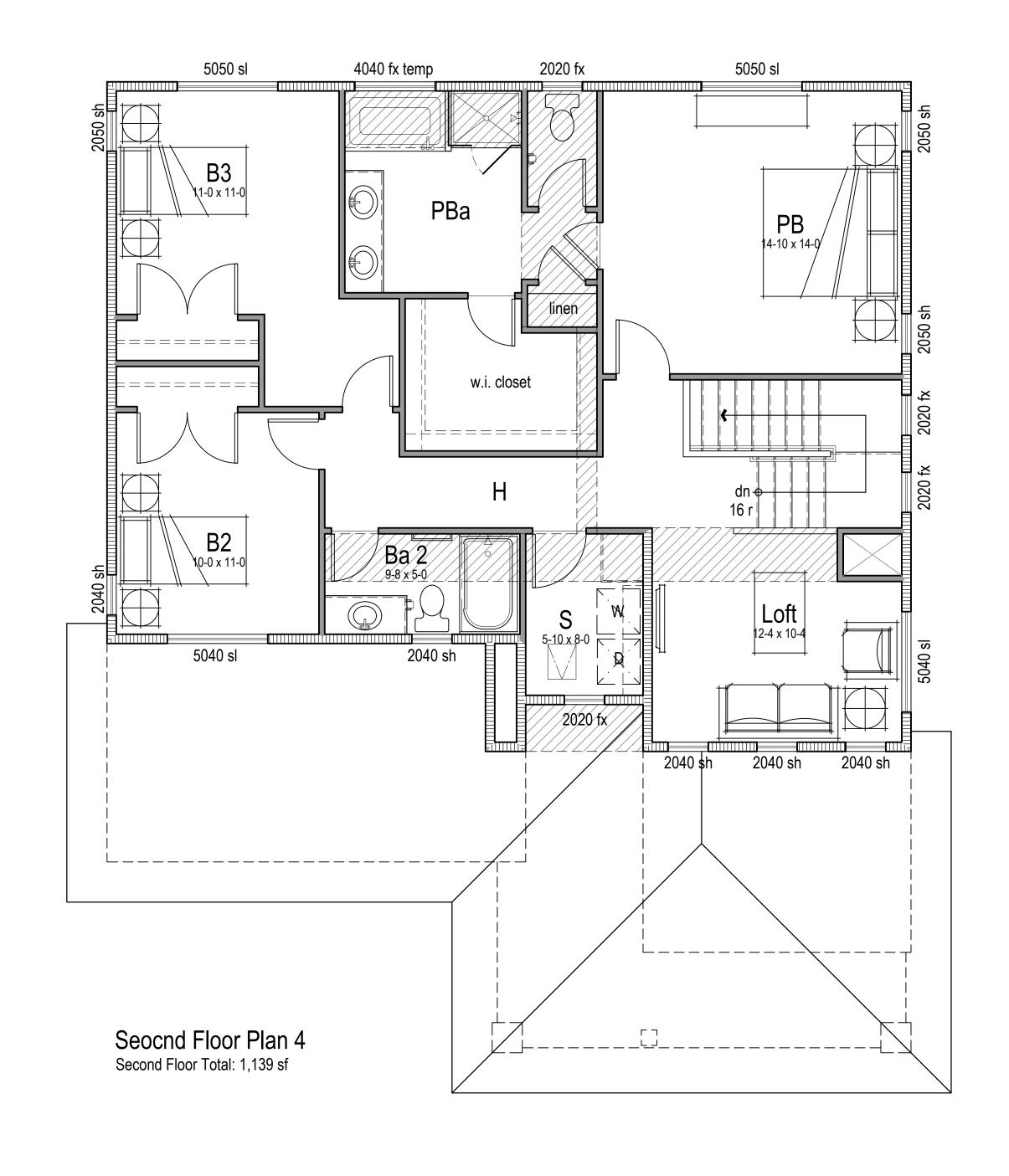


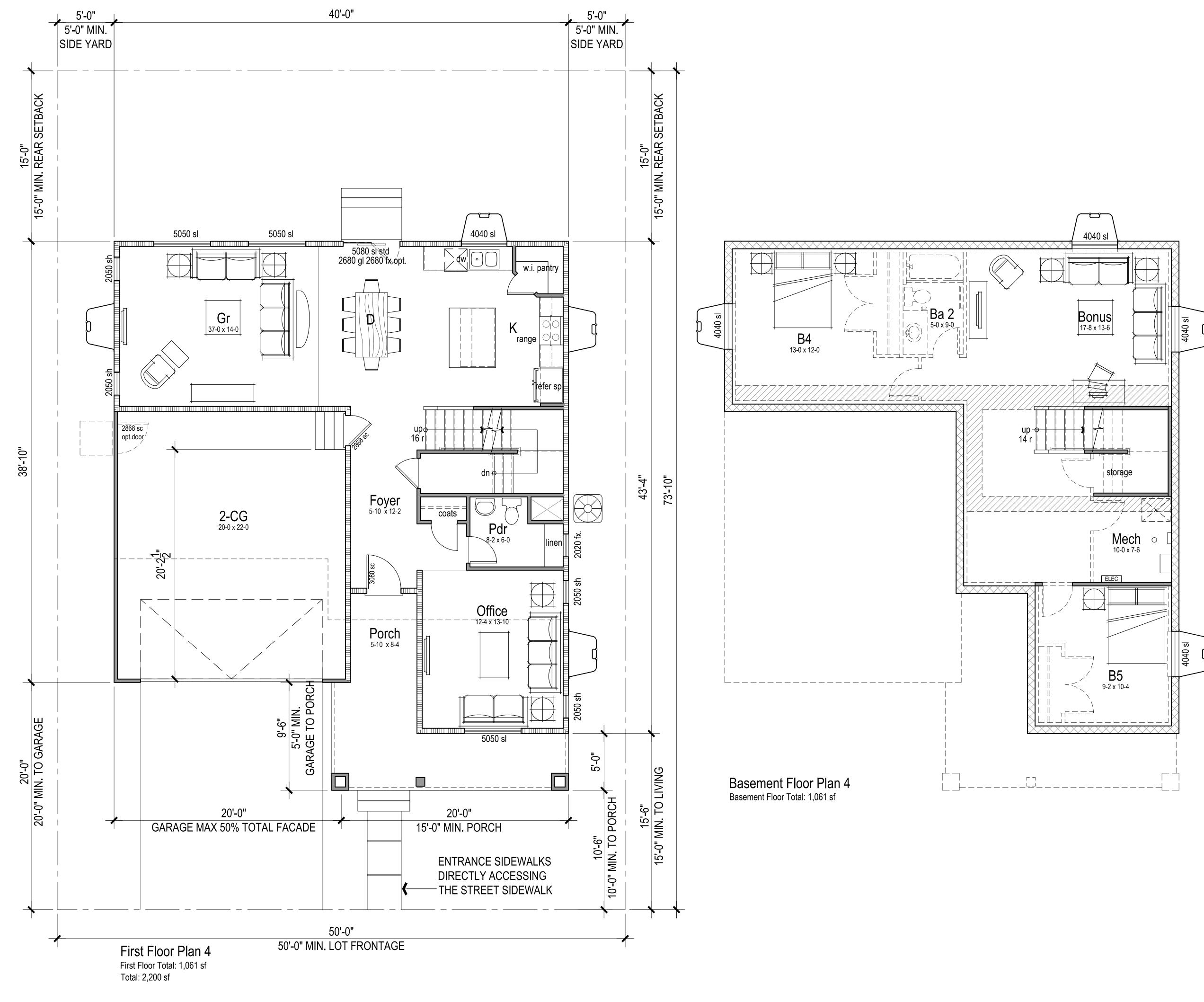
ETT Y, UT FIREFLY SANDY, UT # 2024-1069

CONCEPTUAL DESIGN
05/14/2025

0 2 4 8

CONCEPTUAL ELEVATION - MATISSE







FIREFLY
SANDY, UT # 2024-1069

CONCEPTUAL DESIGN
05/14/2025

CONCEPTUAL FLOOR PLAN - SARGENT







