HEBER CITY CORPORATION
75 North Main Street
Heber City, UT 84032
Planning Commission Meeting

July 25, 2023

6:00 p.m. – Regular Meeting

-Time and Order of Items are approximate and may be changed as Time Permits-

Public notice is hereby given that the monthly meeting of the Heber City Planning Commission will be in the Heber City Office Building, 75 North Main, South door, in the Council Chambers upstairs.

1. Regular Meeting:

I. Call to Order

II. Roll Call

III. Pledge of Allegiance: By Invitation

IV. Recuse for Conflict of Interest

2. Action Items:

I. Request for a Site Plan approval for Wasatch School Site, located at 300 North 1000 West (Planner Woodbury/Engineer Miner)

II. Request for a Conditional Use Permit to relocate a building from 1350 Industrial Parkway to 1017 East 50 North (Planner Woodbury/Engineer Miner)

3. Administrative Items:

I. City Council Communication Item (Jamie Baron)

II. Discuss Ogden APA Attendance

4. Adjournment:

Ordinance 2006-05 allows Commission Members to participate in meetings via telecommunications media.

In accordance with the Americans with Disabilities Act, those needing special accommodations during this meeting or who are non-English speaking should contact Trina Cooke at the Heber City Offices 435.657.7886 at least eight hours prior to the meeting.

Posted on _____, in the Heber City Municipal Building located at 75 North Main, the Heber City Website at www.heberut.gov, and on the Utah Public Notice Website at http://pmn.utah.gov. Notice provided to the Wasatch Wave.

Planning Commission Staff Report

MEETING DATE:	7/25/2023
SUBJECT:	Request for a Site Plan approval for Wasatch School Site, located at 300 North 1000 West (Planner Woodbury/Engineer Miner)
RESPONSIBLE:	Denna Woodbury
DEPARTMENT:	Planning
STRATEGIC RELEVANCE:	Community Develpment

SUMMARY

This item is a agenda item for Site Plan Approval

The policy questions include the following:

- Should a Site Plan be approved for a Wasatch School Site Plan

RECOMMENDATION

Staff recommends that Planning Commission approve the Site Plan for Wasatch School Site subject to findings and conditions.

BACKGROUND

G.C. Garcia, Inc. has reviewed the Site Plan application for the Wasatch School Site. The proposed project is located at 300 North 1000 West.

The Wasatch School has been through the annexation process and has a public hearing as part of that process.

The proposed project is a high school comprised of a main school building, an athletic building, a pavilion, a maintenance shed, and a concessions building. The pavilion, a maintenance shed, and a concession building are site improvements that will not be built with the initial school construction. These improvements are proposed for a future date that is not known at this time.

DISCUSSION

The proposed Wasatch School Site is 73.66 acres and includes two primary buildings and accessory buildings that support the school and athletic uses. There are several athletic fields included in the proposal, including football, baseball, softball, soccer, and practice fields. There are eight tennis courts also being proposed. The buildings take up approximately 6.96 acres and the parking and

roads are approximately 17.56 acres. The proposed MTech will be adjacent to the high school but is not included as part of this application.

The site plan shows wetland areas to be preserved as well as trail locations and access. Heber City Envision 2050 trails plan, shows a trail along the canal, a portion of which goes through the school site near the tennis courts. This portion of the trail will need to be constructed in the future. A condition has been added to coordinate with staff on the location of the trail and the commitment to construct.

The project meets the code required landscaping. The landscape plan shows trees planted along the streets and roadways.

The project includes 12 bus parking spaces, 1066 student, faculty, and guest spaces, and 21 handicapped spaces.

FISCAL IMPACT

None.

CONCLUSION

The proposed Wasatch School Site will benefit the community. The Site Plan meets the City Codes and is recommended for approval.

Staff recommends that the Wasatch School Site Plan be approved by the Planning Commission with the following findings and conditions:

Findings
1. The application is consistent with the Municipal Zoning Code.
2. The application is consistent with the General Plan.
3. The proposed Site Plan shall comply with City ordinances, Federal, State Law, as applicable to the site where the conditional use is located.

Conditions:
1 All requirements of the City Engineer shall be met.
2. All other Code Requirements shall be met.
3. Any other conditions or changes as articulated by the Planning Commission.
4. Heber City Envision 2050 trails plan, show a trail along the canal, a portion of which goes through the school site near the tennis courts. This portion of the trail will need to be constructed in the future. Coordinate with staff on the location of the trail and the commitment to construct.
5. Complete a Long-Term Storm Water Management Plan.
6. Execute the Long-Term Storm Water Maintenance Agreement .
7. Execute the Provost Sewer Agreement.
8. Execute the Canal Relocation Agreement.
9. Execute the MOU Agreement between the City, County, and School District about 1000 West.
10. Execute the Storm Drainage Discharge Easement Indemnification Agreements to the City.
11. Finalize the Scheid land purchase.

12. Finalize the Timpview Investment Holdings land purchase.
13. Obtain a Permit from UDOT for changes to SR-113. Show the permitted design on the high school site construction drawings.
14. Obtain Exception from DDW to R309-550-7.
15. Get engineer's seal on AGEC letter dated May 15, 2023.
16. Address outstanding comments on the Drainage Report.
17. Obtain a Wetlands Permit or Waiver from USACE.
18. Obtain a Stream Alteration Permit from Division of Water Rights.
19. Install an access for the MATC parcel.
20. Execute Slope Easement Agreements to the City for the west side of 1000 West.
21.Install the off-site 8-inch Drinking Water line in 600 West, if it is not installed already.
22. Address outstanding comments on the engineering drawings.
23. Provide a storm drain outfall for the future LDS Seminary parcel.
24. Execute an agreement with the City regarding impact fees for the project.

ALTERNATIVES

Staff Recommended Option - Approval

I move to **approve** the Wasatch School Site as presented, with the findings and conditions as presented in the conclusion above.

POTENTIAL MOTIONS

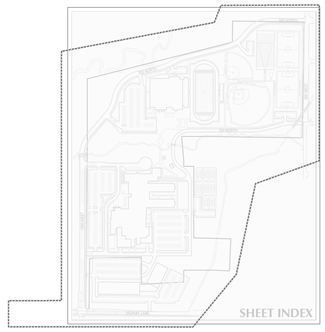
ACCOUNTABILITY

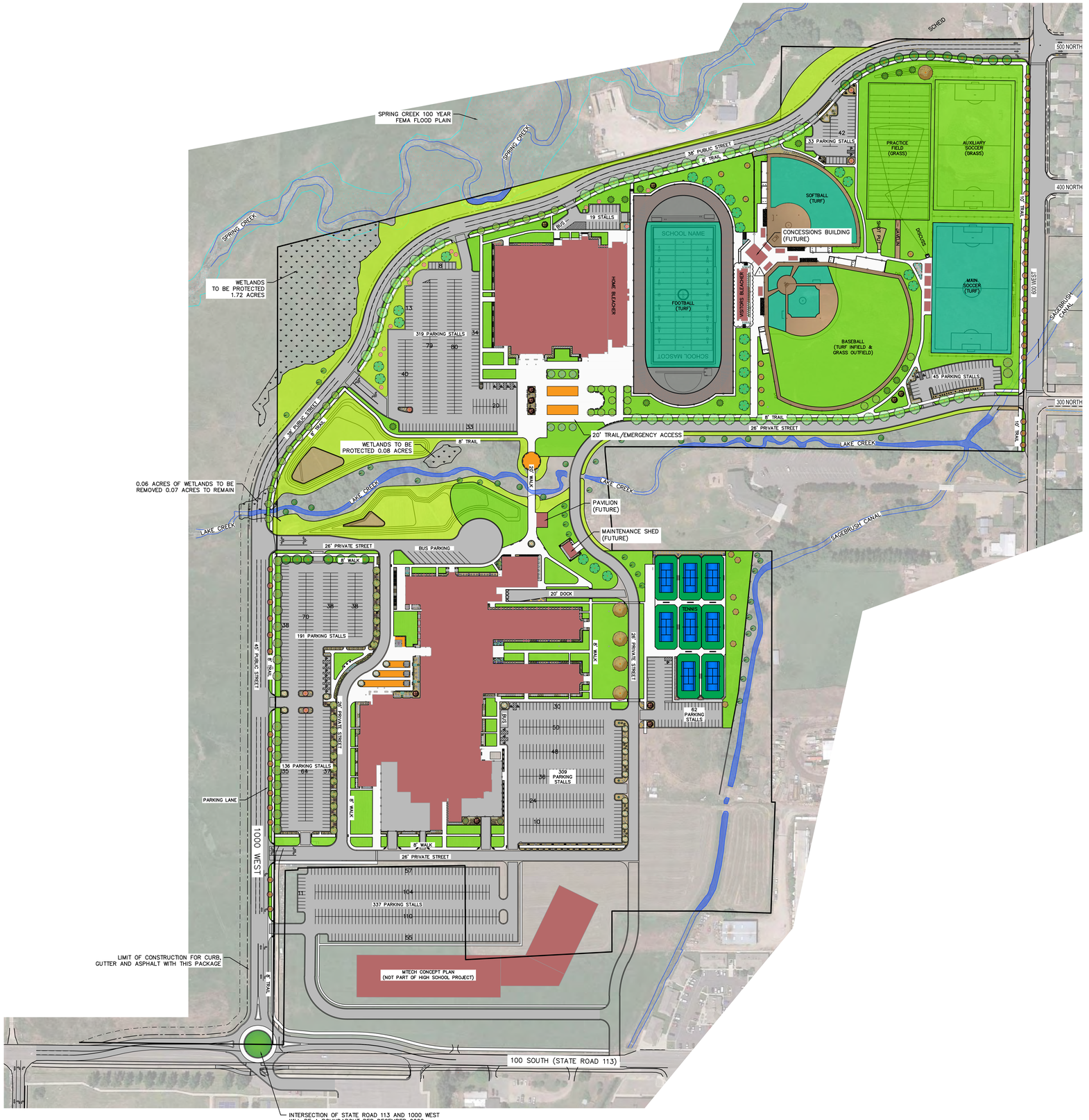
Department: Planning
Staff member: Denna Woodbury, Planning Consultant

EXHIBITS

1. C000
2. Elevation
3. landscape plan
4. synthetic turf plan
5. tennis court plans
6. lighting plan and details

MARK	REVISION	DATE





PARKING:

BUS	12
PARKING SPACES	1,066
HANDICAP SPACES	21 (20 REQUIRED FOR 1,000 PARKING SPACES)
MTECH (NOT PART OF HIGH SCHOOL PROJECT)	337

LAND USE TABLE:

TOTAL AREA	73.66 ACRES
BUILDING AREA	6.96 ACRES
ROADS & PARKING	17.56 ACRES

LEGEND

- 100 YEAR FEMA FLOODPLAIN
- WETLANDS PER REPORT–MAY 2020
  0.06 AC (TO BE REMOVED)
  1.87 AC (TO BE PRESERVED)
- PROPOSED CHAIN LINK FENCE
- GRASS
- NATIVE GRASS
- SYNTHETIC TURF
- COLORED CONCRETE
- LANDSCAPE ROCK

ARCHITECTURAL SITE PLAN NOTES:
SEE SHEETS A900–A901 FOR THE MAINTENANCE SHED.
SEE SHEETS A911–A912 FOR THE PAVILION.
SEE SHEETS A902–A903 FOR THE BASEBALL DUGOUTS.
SEE SHEETS A904–A905 FOR THE SOFTBALL DUGOUTS.
SEE SHEETS A906–A910 FOR THE CONCESSIONS BUILDING.

FUTURE BUILDINGS:
THE PAVILION, MAINTENANCE SHED AND CONCESSIONS ARE PROPOSED SITE IMPROVEMENTS THAT WILL NOT BE BUILT WITH THE INITIAL SCHOOL CONSTRUCTION. THESE IMPROVEMENTS ARE PROPOSED FOR AN UNKNOWN FUTURE DATE.

NORTH

0 50 100 200 300

SCALE: 1"=100'
18"X24" SCALE:1"=200'

BERG ENGINEERING
380 E Main St. Suite 204
Midway, Ut 84049
ph 435.657.9749

CORE ARCHITECTURE

(C) 5 PLEASANT GROVE BLVD. SUITE #100, PLEASANT GROVE, UT 84062 P: (801) 785-2000 | corearch.com
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DATE:	MAY 30, 2023
PROJECT #:	CMA 19-010
PROJ. MAN.:	PDB
CHECKED BY:	PDB

PROJECT:
NEW HEBER VALLEY HIGH SCHOOL

PROJECT ADDRESS:
300 NORTH 1000 WEST
HEBER CITY, UTAH

OWNER: WASATCH

STATE OF UTAH — RONALD D. BERG — PROFESSIONAL ENGINEER — 30 MAY 2023

SHEET DESCRIPTION:
SITE PLAN

SHEET:
C002

CONFORMANCE SET

path: X:\Wasatch_School_District\New High School_2020\Design\
file name: C002_SITE PLAN.dwg
prof date: June 01, 2023 | plotted by: dbee

NEW WASATCH SCHOOL DISTRICT HIGH SCHOOL

300 NORTH 1000 WEST
HEBER CITY, UTAH

MAY 30, 2023

CONFORMANCE SET

MARK	REVISION	DATE

INDEX OF DRAWINGS

CIVIL

C000	COVER
C001	EXISTING CONDITIONS/DEMOLITION PLAN
C002	SITE PLAN
C003	RECORD OF SURVEY
C004	PLAT
C005	TRAFFIC STRIPING AND SIGNAGE PLAN
C006	PAVING PLAN
C007	GRADING PLAN - SCHOOL
C008	GRADING PLAN - ATHLETIC BUILDING
C009	GRADING PLAN - FIELDS
C010	GRADING DETAILS
C011	FENCING PLAN
C100	1000 WEST ROAD PLAN AND PROFILE STA 0+00 - 14+00
C101	500 NORTH ROAD PLAN AND PROFILE STA 14+00 - 29+00
C102	500 NORTH ROAD PLAN AND PROFILE STA 29+00 - 41+00
C103	300 NORTH ROAD PLAN AND PROFILE STA 0+00 - 15+00
C104	300 NORTH ROAD PLAN AND PROFILE STA 15+00 - 28+50
C105	300 NORTH ROAD PLAN AND PROFILE STA 28+50 - 34+00
C106	600 WEST ROAD PLAN AND PROFILE STA 0+00 - 6+00
C107	SAGE BRUSH/SPRING CREEK CANAL BOX CULVERT PLAN AND PROFILE STA 0+00 - 3+50
C108	ROAD CONSTRUCTION DETAILS
C109	PRECAST BRIDGE DETAILS
C110	GUARD RAIL DETAILS
C200	OVERALL UTILITY PLAN
C201	POWER PLAN
C202	GAS PLAN
C203	ONSITE PRESSURIZED IRRIGATION PLAN
C204	OFFSITE PRESSURIZED IRRIGATION PLAN
C205	PRESSURIZED IRRIGATION DETAILS
C206	WATER PLAN
C207	WATER DETAILS
C208	SEWER PLAN AND PROFILE STA 0+00 - 15+00
C209	SEWER PLAN AND PROFILE STA 15+00 - 28+00
C210	SEWER PLAN AND PROFILE STA 28+00 - 33+00
C211	SEWER DETAILS
C300	DRAINAGE AREA MAP
C301	1000 WEST STORM DRAIN PLAN AND PROFILE STA 0+00 - 14+00
C302	500 NORTH STORM DRAIN PLAN AND PROFILE STA 14+00 - 29+00
C303	500 NORTH / 600 WEST STORM DRAIN PLAN AND PROFILE STA 29+00 - 41+00
C304	PRIVATE ROAD STORM DRAIN PLAN AND PROFILE STA 0+00 - 10+00
C305	300 NORTH STORM DRAIN PLAN AND PROFILE STA 13+00 - 26+50
C306	300 NORTH STORM DRAIN PLAN AND PROFILE STA 26+50 - 34+00
C307	BUS PARKING STORM DRAIN PLAN AND PROFILE 0+00 - 9+00
C308	NORTH PARKING STORM DRAIN PLAN AND PROFILE STA 0+00 - 9+00
C309	WEST ROAD STORM DRAIN PLAN AND PROFILE STA 0+00 - 9+00
C310	STORM DRAIN DETAILS
C311	SWPPP
C400	TENNIS COURT PLAN
C401	TENNIS GRADING PLAN
C402	TENNIS COURT DETAILS
C500	SYNTHETIC FIELDS SITE PLAN
C501	FOOTBALL FIELD AND TRACK MARKINGS PLAN
C502	FOOTBALL FIELD AND TRACK MARKINGS DETAILS
C503	SYNTHETIC FIELDS DRAIN SYSTEM PLAN
C504	FOOTBALL FIELD AND TRACK CONSTRUCTION DETAILS
C505	BASEBALL, SOFTBALL AND SOCCER SYNTHETIC TURF DETAILS
C506	BASEBALL AND SOFTBALL INFIELD DETAILS
C507	BASEBALL AND SOFTBALL FIELD FENCING

LANDSCAPE

L100	OVERALL LANDSCAPE & TREE PLANTING PLAN
L101A	PLANTING PLAN SHEET A
L101B	PLANTING PLAN SHEET B
L101C	PLANTING PLAN SHEET C
L101D	PLANTING PLAN SHEET D
L101E	PLANTING PLAN SHEET E
L101F	PLANTING PLAN SHEET F
L101G	PLANTING PLAN SHEET G
L101H	PLANTING PLAN SHEET H
L101I	PLANTING PLAN SHEET I
L101J	PLANTING PLAN SHEET J
L200	OVERALL IRRIGATION PLAN
L201A	IRRIGATION PLAN SHEET A
L201B	IRRIGATION PLAN SHEET B
L201C	IRRIGATION PLAN SHEET C
L201D	IRRIGATION PLAN SHEET D
L201E	IRRIGATION PLAN SHEET E
L201F	IRRIGATION PLAN SHEET F
L201G	IRRIGATION PLAN SHEET G
L201H	IRRIGATION PLAN SHEET H
L201I	IRRIGATION PLAN SHEET I
L201J	IRRIGATION PLAN SHEET J
L300	LANDSCAPE DETAILS & NOTES
L301	SITE DETAILS
L302	IRRIGATION DETAILS & NOTES (SHEET 1 OF 2)
L303	IRRIGATION DETAILS & NOTES (SHEET 2 OF 2)

ELECTRICAL

E105	ELECTRICAL SITE PHOTOMETRIC
E200	LIGHTING GENERAL NOTES AND MASTER LUMINAIRE SCHEDULE

BERG ENGINEERING
380 E Main St. Suite 204
Midway, UT 84049
ph 435.657.9749

CORE ARCHITECTURE

DATE:	MAY 30, 2023
PROJECT #:	CWA 19-010
PROJ. MAN.:	PDB
CHECKED BY:	PDB

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PROJECT:
NEW HEBER VALLEY HIGH SCHOOL

PROJECT ADDRESS:
300 NORTH 1000 WEST
HEBER CITY, UTAH

OWNER: WASATCH

STATE OF UTAH — PAUL D. BERG — PROFESSIONAL ENGINEER — 30 MAY 2023

SHEET DESCRIPTION:
SITE IMPROVEMENTS COVER SHEET

SHEET:
C000

CONFORMANCE SET

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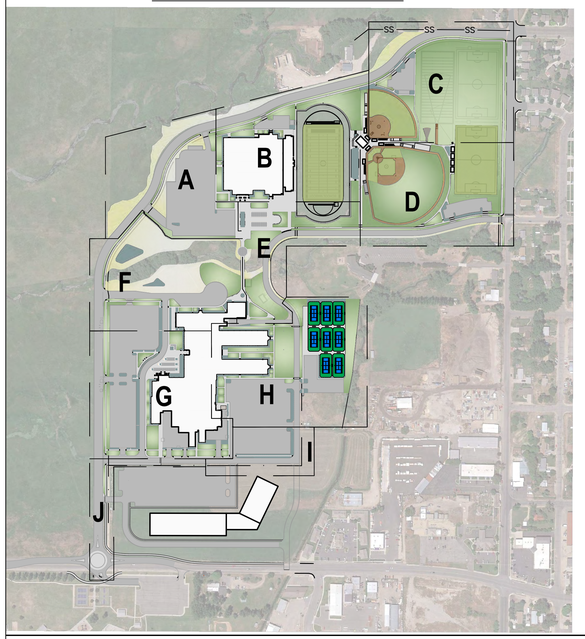
SHEET MAP KEY



MASTER PLANT SCHEDULE

DECIDUOUS TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE
	13	Acer ginnala `Flame`	Flame Amur Maple	B&B	1.5" Cal	
	10	Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance Apple Serviceberry	B&B	1.5" Cal	
	5	Betula nigra `Cully Improved`	Heritage® Improved River Birch	B&B	1.5" Cal	
	18	Celtis occidentalis 'Prairie Pride'	Prairie Pride Hackberry	B & B	1.5" Cal	
	26	Gleditsia triacanthos inermis `Shademaster` TM	Shademaster Locust	B&B	1.5" Cal	
	7	Gymnocladus dioica 'Espresso'	Kentucky Coffeetree	B&B	1.5" Cal	
	20	Malus x `Spring Snow`	Spring Snow Crab Apple	B&B	1.5" Cal	
	16	Prunus virginiana `Canada Red`	Canada Red Chokecherry	B&B	1.5" Cal	
	11	Prunus virginiana `Canada Red` (clump)	Canada Red Chokecherry (clump)	B&B	1.5" Cal	
	5	Quercus petraea	Burgundy Oak	B & B	1.5" Cal	
	22	Sophora japonica `Regent`	Japanese Pagoda Tree	B & B	1.5" Cal	
	21	Tilia cordata `Greenspire`	Greenspire Littleleaf Linden	B&B	1.5" Cal	
	6	Tilia tomentosa 'Sterling'	Sterling Silver Linden	B&B	1.5" Cal	

EVERGREEN TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE
	6	Picea pungens `The Blues`	The Blues Weeping Spruce	B&B		5-7'
	15	Picea pungens glauca `Hoopsii`	Hoopsi Blue Spruce	B & B		8-10'

STREET TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE
	17	Gleditsia triacanthos inermis `Shademaster` TM	Shademaster Locust	B&B	2" Cal	
	12	Gymnocladus dioica 'Espresso'	Kentucky Coffeetree	B&B	2" Cal	
	43	Prunus virginiana `Canada Red`	Canada Red Chokecherry	B&B	2" Cal	
	26	Sophora japonica `Regent`	Japanese Pagoda Tree	B & B	2" Cal	

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT
	62	Caragana pygmaea	Pygmy Peashrub	5 gal
	111	Caryopteris x clandonensis `Dark Knight`	Blue Mist Shrub	5 gal
	91	Chamaebatiaria millefolium	Fernbush	5 gal
	40	Cornus sanguinea `Arctic Fire` TM	Arctic Fire Dogwood	5 gal
	83	Physocarpus opulifolius `Diablo`	Diablo Ninebark	5 gal
	25	Physocarpus opulifolius `Nanus`	Dwarf Ninebark	5 gal
	10	Potentilla fruticosa	Bush Cinquefoil	5 gal
	10	Ribes aureum	Golden Currant	5 gal
	27	Salix purpurea `Nana`	Dwarf Arctic Willow	5 gal
	28	Taxus x media `SMNTHDB` TM	Stonehenge Dark Druid Yew	5 gal

EVERGREEN SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT
	49	Picea pungens `Globosa`	Dwarf Globe Blue Spruce	5 gal
	109	Pinus mugo `Slowmound`	Mugo Pine	5 gal

LANDSCAPE NOTES

TOPSOIL NOTE:
THE TOPSOIL WAS TESTED BY QA CONSULTING AND TESTING LLC ON OCT 22, 2019. CONTRACTOR TO APPLY FERTILIZER AND ORGANIC MATERIAL PER TOPSOIL TEST. RECOMMENDATIONS INCLUDED WITH THE TOPSOIL SPECIFICATIONS.
PROVIDE TOPSOIL TO THE FOLLOWING DEPTHS: SOD = 6 INCHES, PLANTERS = 6 INCHES

MULCH NOTE:
INSTALL LAYER OF 2-4" GRAY WASHED CLEAN RIVER ROCK MULCH IN PLANTERS AS SHOWN ON THIS PLAN.

WEED BARRIER NOTE:
INSTALL DEWITT PRO-5 WEED BARRIER IN ALL PLANTER BEDS.

LANDSCAPE BOULDER NOTE:
INSTALL 4' MIN LANDSCAPE BOULDERS IN LOCATIONS SHOWN ON THIS PLAN. INSTALL (2) TWO ADDITIONAL 2' MIN BOULDERS AROUND LANDSCAPE BOULDERS SHOWN ON SHEETS L101a-L101J.

TREE NOTE:
PROVIDE A 4' DIAMETER GRASS FREE AREA AT THE BASE OF TREES INSTALLED IN GRASS AREAS. INSTALL 4" OF WOOD MULCH. (236) TOTAL TREES

TREE SPACING NOTE:
STREET TREES IN PARK STRIP SPACED AT 40'. 8' WIDE PARK STRIP WITH MEDIUM TREES

WETLAND & EXISTING TREE NOTE:
CONTRACTOR TO PROTECT WETLANDS AND EXISTING TREES TO REMAIN

MARK	REVISION	DATE

LEGEND

1. BENCHES (51) TOTAL
   SEE L302 FOR DETAIL
2. BOULDER CLUSTER (189) TOTAL
   SEE L300 FOR DETAIL
   = MAIN BOULDER 4' + (2) 2' BOULDERS
3. 12" MOW CURB 2,930 L.F. TOTAL
   SEE L300 FOR DETAIL
4. 1 FLAGPOLE 35', 2 FLAGPOLES 30'
   SEE ARCHITECTURE PLANS
5. ARTIFICIAL FIELD
   SEE CIVIL PLANS
6. PAVILION
   SEE ARCHITECTURE PLANS
7. CAFETERIA FENCE 114 L.F.
   SEE L301 FOR DETAIL
8. STORM POND
   SEE CIVIL PLANS
9. BIKE RACKS-5 LOOP (6) TOTAL
   SEE DETAIL ON SHEET L301
10. COLORED CONCRETE - COLOR TBD
11. POURED IN PLACE RUBBER SURFACE:
    535 SQ.F - SEE L300 FOR DETAIL
12. ROCK MONUMENT
    SEE DETAIL ON SHEET L301
13. TREE ROOT BARRIER (3) TOTAL
    SEE DETAIL ON SHEET L301

*SEE SHEETS L101A-L101J FOR THE LOCATIONS OF ITEMS IN THIS LEGEND

ORNAMENTAL GRASSES	QTY	BOTANICAL NAME	COMMON NAME	CONT
	83	Calamagrostis x acutiflora 'Hello Spring'	Hello Spring Feather Reed Grass	1 gal

PERENNIALS	QTY	BOTANICAL NAME	COMMON NAME	CONT
	12	Achillea millefolium `Summer Pastels`	Summer Pastels Yarrow	1 gal
	43	Lavandula angustifolia	English Lavender	1 gal

GRASSES	QTY	BOTANICAL NAME	COMMON NAME	CONT
	248	Bouteloua gracilis	Blue Grama Grass	1 gal
	156	Calamagrostis x acutiflora `Karl Foerster`	Feather Reed Grass	1 gal
	725	Deschampsia cespitosa `Pixie Fountain`	Dwarf Tufted Hair Grass	1 gal
	277	Festuca glauca `Elijah Blue`	Blue Fescue	1 gal
	187	Helictotrichon sempervirens	Blue Oat Grass	1 gal
	142	Panicum virgatum `Shenendoah`	Burgundy Switch Grass	1 gal
	168	Panicum virgatum 'Totem Pole'	Totem Pole Prairie Winds® Switch Grass	1 gal

GROUND COVERS	QTY	BOTANICAL NAME	COMMON NAME	CONT
	204,773 sf	Artificial Turf For reference only - see civil plans for detail	Artificial Turf	Turf
	206,061 sf	Native Grass Mix Hard Fescue, Big Bluegrass, Blue Wildrye, Slender Wheatgrass, Sheep Fescue, Mountain Brome	Native Grass Mix	Hydroseed
	668,491 sf	Poa pratensis	Kentucky Bluegrass	sod

MULCH	QTY	BOTANICAL NAME	COMMON NAME	CONT
	83,517 sf	Washed Landscape Rock	2-4" Cobble Rock w/Dewitt Pro-5 Weed Barrier	mulch
	1,255 sf	WASHED SAND INSTALL DEWITT PRO-5 WEED BARRIER UNDER SAND		Sand

berg LANDSCAPE ARCHITECTS
380 E Main St, Suite 204
Midway, Ut 84049 ph. (801) 723-2000

CORE ARCHITECTURE
220 S. PLEASANT GROVE BLVD. SUITE #105, PLEASANT GROVE, UT. 84062 | P: (801) 769-3000 | corearch.com

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DATE: MAY 30, 2023
PROJECT #: CMA 19-057
PROJ. MAN.: BN
CHECKED BY: CB

PROJECT:
NEW WSD HIGH SCHOOL

PROJECT ADDRESS:
300 NORTH 1000 WEST
HEBER CITY, UTAH

OWNER:
WASATCH

STATE OF UTAH — CHRISTOPHER BERG — 12527790 — LANDSCAPE ARCHITECT — 30 MAY 2023

SHEET DESCRIPTION:
OVERALL LANDSCAPE & TREE PLANTING PLAN

SHEET:
L100

CONFORMANCE SET

PLANT SCHEDULE A

DECIDUOUS TREES	CODE	BOTANICAL NAME	COMMON NAME
	ACE BA2	Acer ginnala `Flame`	Flame Amur Maple
	AG	Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance Apple Serviceberry
	PRU CAN	Prunus virginiana `Canada Red`	Canada Red Chokecherry
	TIL GSP	Tilia cordata `Greenspire`	Greenspire Littleleaf Linden
EVERGREEN TREES	**CODE**	**BOTANICAL NAME**	**COMMON NAME**
	PIC SPR	Picea pungens glauca `Hoopsii`	Hoopsi Blue Spruce
STREET TREES	**CODE**	**BOTANICAL NAME**	**COMMON NAME**
	GLE SH2	Gleditsia triacanthos inermis `Shademaster` TM	Shademaster Locust
	SOP RE2	Sophora japonica `Regent`	Japanese Pagoda Tree
EVERGREEN SHRUBS	**CODE**	**BOTANICAL NAME**	**COMMON NAME**
	PIC G21	Picea pungens `Globosa`	Dwarf Globe Blue Spruce
	PIN SLO	Pinus mugo `Slowmound`	Mugo Pine
GRASSES	**CODE**	**BOTANICAL NAME**	**COMMON NAME**
	CAL KAR	Calamagrostis x acutiflora `Karl Foerster`	Feather Reed Grass
GROUND COVERS	**CODE**	**BOTANICAL NAME**	**COMMON NAME**
	NAT N14	Native Grass Mix Hard Fescue, Big Bluegrass, Blue Wildrye, Slender Wheatgrass, Sheep Fescue, Mountain Brome	Native Grass Mix
	POA PRA	Poa pratensis	Kentucky Bluegrass
MULCH	**CODE**	**BOTANICAL NAME**	**COMMON NAME**
	2-4" R	Washed Landscape Rock	2-4" Cobble Rock w/Dewitt Pro-5 Weed Barrier

MARK	REVISION	DATE

LEGEND

2 BOULDER CLUSTER (4)
SEE L300 FOR DETAIL

NORTH
0 10 0 40 80
SCALE: 1"=20'

berg LANDSCAPE ARCHITECTS
380 E Main St, Suite 204
Midway, Ut 84049 ph. (801) 723-2000

CORE ARCHITECTURE

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DATE: MAY 30, 2023
PROJECT #: CMA 19-057
PROJ. MAN: BN
CHECKED BY: CB

PROJECT:
NEW WSD HIGH SCHOOL

PROJECT ADDRESS:
300 NORTH 1000 WEST
HEBER CITY, UTAH

OWNER:
WASATCH

STATE OF UTAH — CHRISTOPHER BERG — 7852790 — REGISTERED LANDSCAPE ARCHITECT
30 MAY 2023

SHEET DESCRIPTION:
PLANTING PLAN SHEET A

SHEET:
L101A

CONFORMANCE SET

PLANT SCHEDULE B

DECIDUOUS TREES	CODE	BOTANICAL NAME	COMMON NAME
	ACE BA2	Acer ginnala `Flame`	Flame Amur Maple
	PRU CAN	Prunus virginiana `Canada Red`	Canada Red Chokecherry
	PRU CA2	Prunus virginiana `Canada Red` (clump)	Canada Red Chokecherry (clump)
	TIL GSP	Tilia cordata `Greenspire`	Greenspire Littleleaf Linden

EVERGREEN TREES	CODE	BOTANICAL NAME	COMMON NAME
	PIC SPR	Picea pungens glauca `Hoopsii`	Hoopsi Blue Spruce

STREET TREES	CODE	BOTANICAL NAME	COMMON NAME
	GLE SH2	Gleditsia triacanthos inermis `Shademaster` TM	Shademaster Locust
	SOP RE2	Sophora japonica `Regent`	Japanese Pagoda Tree

SHRUBS	CODE	BOTANICAL NAME	COMMON NAME
	CAR PYG	Caragana pygmaea	Pygmy Peashrub
	CAR DAR	Caryopteris x clandonensis `Dark Knight`	Blue Mist Shrub
	CM	Chamaebatiaria millefolium	Fernbush
	COR C11	Cornus sanguinea `Arctic Fire` TM	Arctic Fire Dogwood
	PHY DI2	Physocarpus opulifolius `Diablo`	Diablo Ninebark
	TMS	Taxus x media `SMNTHDB` TM	Stonehenge Dark Druid Yew

EVERGREEN SHRUBS	CODE	BOTANICAL NAME	COMMON NAME
	PIN SLO	Pinus mugo `Slowmound`	Mugo Pine

GRASSES	CODE	BOTANICAL NAME	COMMON NAME
	BG	Bouteloua gracilis	Blue Grama Grass
	CAL KAR	Calamagrostis x acutiflora `Karl Foerster`	Feather Reed Grass
	DES PIX	Deschampsia cespitosa `Pixie Fountain`	Dwarf Tufted Hair Grass
	FES EL2	Festuca glauca `Elijah Blue`	Blue Fescue
	HEL SEM	Helictotrichon sempervirens	Blue Oat Grass
	PAN SHA	Panicum virgatum `Shenendoah`	Burgundy Switch Grass
	PL	Panicum virgatum 'Totem Pole'	Totem Pole Prairie Winds® Switch Grass

GROUND COVERS	CODE	BOTANICAL NAME	COMMON NAME
	ART LRA	Artificial Turf For reference only - see civil plans for detail	Artificial Turf
	POA PRA	Poa pratensis	Kentucky Bluegrass

MULCH	CODE	BOTANICAL NAME	COMMON NAME
	2-4" R	Washed Landscape Rock	2-4" Cobble Rock w/Dewitt Pro-5 Weed Barrier

MATCHLINE: SEE SHEET L101A

MATCHLINE: SEE SHEET L101D

MATCHLINE: SEE SHEET L101C

MATCHLINE: SEE SHEET L101E

MARK	REVISION	DATE

LEGEND

2 BOULDER CLUSTER (5)
SEE L300 FOR DETAIL

3 12" MOW CURB
SEE L300 FOR DETAIL

NORTH

0 10 0 40 80

SCALE: 1"=20'

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DATE: MAY 30, 2023
PROJECT #: CMA 19-057
PROJ. MAN.: BN
CHECKED BY: CB

PROJECT:
NEW WSD HIGH SCHOOL

PROJECT ADDRESS:
300 NORTH 1000 WEST
HEBER CITY, UTAH

OWNER:
WASATCH

STATE OF UTAH
CHRISTOPHER BERG
9352790
REGISTERED LANDSCAPE ARCHITECT
30 MAY 2023

SHEET DESCRIPTION:
PLANTING PLAN SHEET B

SHEET:
L101B

CONFORMANCE SET

PLANT SCHEDULE C

DECIDUOUS TREES	CODE	BOTANICAL NAME	COMMON NAME
	PRU CAN	Prunus virginiana `Canada Red`	Canada Red Chokecherry
	QR	Quercus petraea	Burgundy Oak
	TIL GSP	Tilia cordata `Greenspire`	Greenspire Littleleaf Linden

EVERGREEN TREES	CODE	BOTANICAL NAME	COMMON NAME
	PIC SPR	Picea pungens glauca `Hoopsii`	Hoopsi Blue Spruce

STREET TREES	CODE	BOTANICAL NAME	COMMON NAME
	GYM DI2	Gymnocladus dioica 'Espresso'	Kentucky Coffeetree
	PRU CA3	Prunus virginiana `Canada Red`	Canada Red Chokecherry
	SOP RE2	Sophora japonica `Regent`	Japanese Pagoda Tree

SHRUBS	CODE	BOTANICAL NAME	COMMON NAME
	CAR DAR	Caryopteris x clandonensis `Dark Knight`	Blue Mist Shrub
	CM	Chamaebatiaria millefolium	Fernbush

EVERGREEN SHRUBS	CODE	BOTANICAL NAME	COMMON NAME
	PIC G21	Picea pungens `Globosa`	Dwarf Globe Blue Spruce

GRASSES	CODE	BOTANICAL NAME	COMMON NAME
	BG	Bouteloua gracilis	Blue Grama Grass
	CAL KAR	Calamagrostis x acutiflora `Karl Foerster`	Feather Reed Grass
	PAN SHA	Panicum virgatum `Shenendoah`	Burgundy Switch Grass
	PL	Panicum virgatum 'Totem Pole'	Totem Pole Prairie Winds® Switch Grass

GROUND COVERS	CODE	BOTANICAL NAME	COMMON NAME
	ART LRA	Artificial Turf For reference only - see civil plans for detail	Artificial Turf
	POA PRA	Poa pratensis	Kentucky Bluegrass

MULCH	CODE	BOTANICAL NAME	COMMON NAME
	2-4" R	Washed Landscape Rock	2-4" Cobble Rock w/Dewitt Pro-5 Weed Barrier
	SAN SA3	WASHED SAND INSTALL DEWITT PRO-5 WEED BARRIER UNDER SAND	

MARK	REVISION	DATE

LEGEND

2 BOULDER CLUSTER (11)
SEE L300 FOR DETAIL

5 ARTIFICIAL FIELD
SEE CIVIL PLANS

MATCHLINE: SEE SHEET L101B

MATCHLINE: SEE SHEET L101D

NORTH

0 10 0 40 80

SCALE: 1"=20'

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380 E Main St, Suite 204
Midway, Ut 84049 ph. (801) 723-2000

CORE ARCHITECTURE
225 S. PLEASANT GROVE BLVD. SUITE #105, PLEASANT GROVE, UT. 84062 | P. (801) 769-3000 | corearch.com

DATE: MAY 30, 2023
PROJECT #: CMA 19-057
PROJ. MAN.: BN
CHECKED BY: CB

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PROJECT:
NEW WSD HIGH SCHOOL

PROJECT ADDRESS:
300 NORTH 1000 WEST
HEBER CITY, UTAH

OWNER: WASATCH

STATE OF UTAH — 182790 — REGISTERED LANDSCAPE ARCHITECT
30 MAY 2023

SHEET DESCRIPTION:
PLANTING PLAN SHEET C

SHEET:
L101C

CONFORMANCE SET

MARK	REVISION	DATE

LEGEND

- 1 BENCHES (27) SEE L302 FOR DETAIL
- 2 BOULDER CLUSTER (6) SEE L300 FOR DETAIL
- 6 PAVILION SEE ARCHITECT FOR DETAIL
- 10 COLORED CONCRETE - COLOR TBD

PLANT SCHEDULE E

DECIDUOUS TREES	CODE	BOTANICAL NAME	COMMON NAME
	AG	Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance Apple Serviceberry
	BET CIM	Betula nigra `Cully Improved`	Heritage® Improved River Birch
	GLE SH3	Gleditsia triacanthos inermis `Shademaster` TM	Shademaster Locust
	PRU CA2	Prunus virginiana `Canada Red` (clump)	Canada Red Chokecherry (clump)
	SOP REG	Sophora japonica `Regent`	Japanese Pagoda Tree
	TIL GSP	Tilia cordata `Greenspire`	Greenspire Littleleaf Linden
	TIL STL	Tilia tomentosa 'Sterling'	Sterling Silver Linden

EVERGREEN TREES	CODE	BOTANICAL NAME	COMMON NAME
	PIC SPR	Picea pungens glauca `Hoopsii`	Hoopsi Blue Spruce

SHRUBS	CODE	BOTANICAL NAME	COMMON NAME
	CAR DAR	Caryopteris x clandonensis `Dark Knight`	Blue Mist Shrub
	CM	Chamaebatiaria millefolium	Fernbush
	SAL PUR	Salix purpurea `Nana`	Dwarf Arctic Willow

EVERGREEN SHRUBS	CODE	BOTANICAL NAME	COMMON NAME
	PIC G21	Picea pungens `Globosa`	Dwarf Globe Blue Spruce

GRASSES	CODE	BOTANICAL NAME	COMMON NAME
	DES PIX	Deschampsia cespitosa `Pixie Fountain`	Dwarf Tufted Hair Grass
	FES EL2	Festuca glauca `Elijah Blue`	Blue Fescue

GROUND COVERS	CODE	BOTANICAL NAME	COMMON NAME
	NAT N14	Native Grass Mix Hard Fescue, Big Bluegrass, Blue Wildrye, Slender Wheatgrass, Sheep Fescue, Mountain Brome	Native Grass Mix
	POA PRA	Poa pratensis	Kentucky Bluegrass

MULCH	CODE	BOTANICAL NAME	COMMON NAME
	2-4" R	Washed Landscape Rock	2-4" Cobble Rock w/Dewitt Pro-5 Weed Barrier

North

0 10 0 40 80

SCALE: 1"=20'

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DATE: MAY 30, 2023
PROJECT #: CMA 19-057
PROJ. MAN.: BN
CHECKED BY: CB

PROJECT:
NEW WSD HIGH SCHOOL

PROJECT ADDRESS:
300 NORTH 1000 WEST
HEBER CITY, UTAH

OWNER:
WASATCH

STATE OF UTAH — CARL BERG — 7162790 — REGISTERED LANDSCAPE ARCHITECT
30 MAY 2023

SHEET DESCRIPTION:
PLANTING PLAN SHEET E

SHEET:
L101E

CONFORMANCE SET

MATCHLINE: SEE SHEET L101C

MATCHLINE: SEE SHEET L101B

MATCHLINE: SEE SHEET L101E

5

5

2

2

MARK	REVISION	DATE

LEGEND

2 BOULDER CLUSTER (12)
SEE L300 FOR DETAIL

5 ARTIFICIAL FIELD
SEE CIVIL PLANS

NORTH

0 10 0 40 80

SCALE: 1"=20'

PLANT SCHEDULE D

DECIDUOUS TREES	CODE	BOTANICAL NAME	COMMON NAME
	CP	Celtis occidentalis 'Prairie Pride'	Prairie Pride Hackberry
	GLE SH3	Gleditsia triacanthos inermis `Shademaster` TM	Shademaster Locust
	PRU CAN	Prunus virginiana `Canada Red`	Canada Red Chokecherry
	PRU CA2	Prunus virginiana `Canada Red` (clump)	Canada Red Chokecherry (clump)
	SOP REG	Sophora japonica `Regent`	Japanese Pagoda Tree
	TIL GSP	Tilia cordata `Greenspire`	Greenspire Littleleaf Linden

EVERGREEN TREES	CODE	BOTANICAL NAME	COMMON NAME
	PIC SPR	Picea pungens glauca `Hoopsii`	Hoopsi Blue Spruce

STREET TREES	CODE	BOTANICAL NAME	COMMON NAME
	PRU CA3	Prunus virginiana `Canada Red`	Canada Red Chokecherry

SHRUBS	CODE	BOTANICAL NAME	COMMON NAME
	CAR DAR	Caryopteris x clandonensis `Dark Knight`	Blue Mist Shrub

EVERGREEN SHRUBS	CODE	BOTANICAL NAME	COMMON NAME
	PIC G21	Picea pungens `Globosa`	Dwarf Globe Blue Spruce
	PIN SLO	Pinus mugo `Slowmound`	Mugo Pine

GRASSES	CODE	BOTANICAL NAME	COMMON NAME
	HEL SEM	Helictotrichon sempervirens	Blue Oat Grass
	PL	Panicum virgatum 'Totem Pole'	Totem Pole Prairie Winds® Switch Grass

GROUND COVERS	CODE	BOTANICAL NAME	COMMON NAME
	ART LRA	Artificial Turf For reference only - see civil plans for detail	Artificial Turf
	NAT N14	Native Grass Mix Hard Fescue, Big Bluegrass, Blue Wildrye, Slender Wheatgrass, Sheep Fescue, Mountain Brome	Native Grass Mix
	POA PRA	Poa pratensis	Kentucky Bluegrass

MULCH	CODE	BOTANICAL NAME	COMMON NAME
	2-4" R	Washed Landscape Rock	2-4" Cobble Rock w/Dewitt Pro-5 Weed Barrier

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DATE:	MAY 30, 2023
PROJECT #:	CMA 19-057
PROJ. MAN.:	BN
CHECKED BY:	CB

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PROJECT:
NEW WSD HIGH SCHOOL

PROJECT ADDRESS:
300 NORTH 1000 WEST
HEBER CITY, UTAH

OWNER: WASATCH

STATE OF UTAH — 7152790 — REGISTERED LANDSCAPE ARCHITECT
30 MAY 2023

SHEET DESCRIPTION:
PLANTING PLAN SHEET D

SHEET:
L101D

CONFORMANCE SET

PLANT SCHEDULE F

DECIDUOUS TREES	CODE	BOTANICAL NAME	COMMON NAME
	AG	Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance Apple Serviceberry
	CP	Celtis occidentalis 'Prairie Pride'	Prairie Pride Hackberry
	GLE SH3	Gleditsia triacanthos inermis `Shademaster` TM	Shademaster Locust
	GYM DIO	Gymnocladus dioica 'Espresso'	Kentucky Coffeetree
	MAL SPR	Malus x `Spring Snow`	Spring Snow Crab Apple

STREET TREES	CODE	BOTANICAL NAME	COMMON NAME
	GLE SH2	Gleditsia triacanthos inermis `Shademaster` TM	Shademaster Locust
	PRU CA3	Prunus virginiana `Canada Red`	Canada Red Chokecherry

SHRUBS	CODE	BOTANICAL NAME	COMMON NAME
	CAR PYG	Caragana pygmaea	Pygmy Peashrub
	CAR DAR	Caryopteris x clandonensis `Dark Knight`	Blue Mist Shrub
	COR C11	Cornus sanguinea `Arctic Fire` TM	Arctic Fire Dogwood
	PHY DI2	Physocarpus opulifolius `Diablo`	Diablo Ninebark
	PHY NAN	Physocarpus opulifolius `Nanus`	Dwarf Ninebark
	SAL PUR	Salix purpurea `Nana`	Dwarf Arctic Willow

EVERGREEN SHRUBS	CODE	BOTANICAL NAME	COMMON NAME
	PIN SLO	Pinus mugo `Slowmound`	Mugo Pine

ORNAMENTAL GRASSES	CODE	BOTANICAL NAME	COMMON NAME
	CAL HSP	Calamagrostis x acutiflora 'Hello Spring'	Hello Spring Feather Reed Grass

PERENNIALS	CODE	BOTANICAL NAME	COMMON NAME
	LAV ANG	Lavandula angustifolia	English Lavender

GRASSES	CODE	BOTANICAL NAME	COMMON NAME
	BG	Bouteloua gracilis	Blue Grama Grass
	CAL KAR	Calamagrostis x acutiflora `Karl Foerster`	Feather Reed Grass
	DES PIX	Deschampsia cespitosa `Pixie Fountain`	Dwarf Tufted Hair Grass
	FES EL2	Festuca glauca `Elijah Blue`	
	HEL SEM	Helictotrichon sempervirens	
	PAN SHA	Panicum virgatum `Shenendoah`	
	PL	Panicum virgatum 'Totem Pole'	

GROUND COVERS	CODE	BOTANICAL NAME
	NAT N14	Native Grass Mix Hard Fescue, Big Bluegrass, Blue Wildrye, Slender Wheatgrass, Sheep Fescue, Mountain Brome
	POA PRA	Poa pratensis

MULCH	CODE	BOTANICAL NAME
	2-4" R	Washed Landscape Rock

MARK	REVISION	DATE

MATCHLINE: SEE SHEET L101A

MATCHLINE: SEE SHEET L101E

MATCHLINE: SEE SHEET L101H

MATCHLINE: SEE SHEET L101G

AREA TO REMAIN
NATURAL
DO NOT DISTURB

AREA TO REMAIN
NATURAL
DO NOT DISTURB

8

8

2

2

2

2

2

7

3

3

LEGEND

1 BENCHES (7)
SEE L302 FOR DETAIL

2 BOULDER CLUSTER (25) TOTAL
SEE L300 FOR DETAIL

3 12" MOW CURB
SEE L300 FOR DETAIL

7 CAFETERIA FENCE 114 L.F.
SEE L301 FOR DETAIL

8 STORM POND
SEE CIVIL PLANS

10 COLORED CONCRETE - COLOR TBD

NORTH

0 10 0 40 80

SCALE: 1"=20'

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DATE: MAY 30, 2023
PROJECT #: CMA 19-057
PROJ. MAN.: BN
CHECKED BY: CB

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PROJECT:
NEW WSD HIGH SCHOOL

PROJECT ADDRESS:
300 NORTH 1000 WEST
HEBER CITY, UTAH

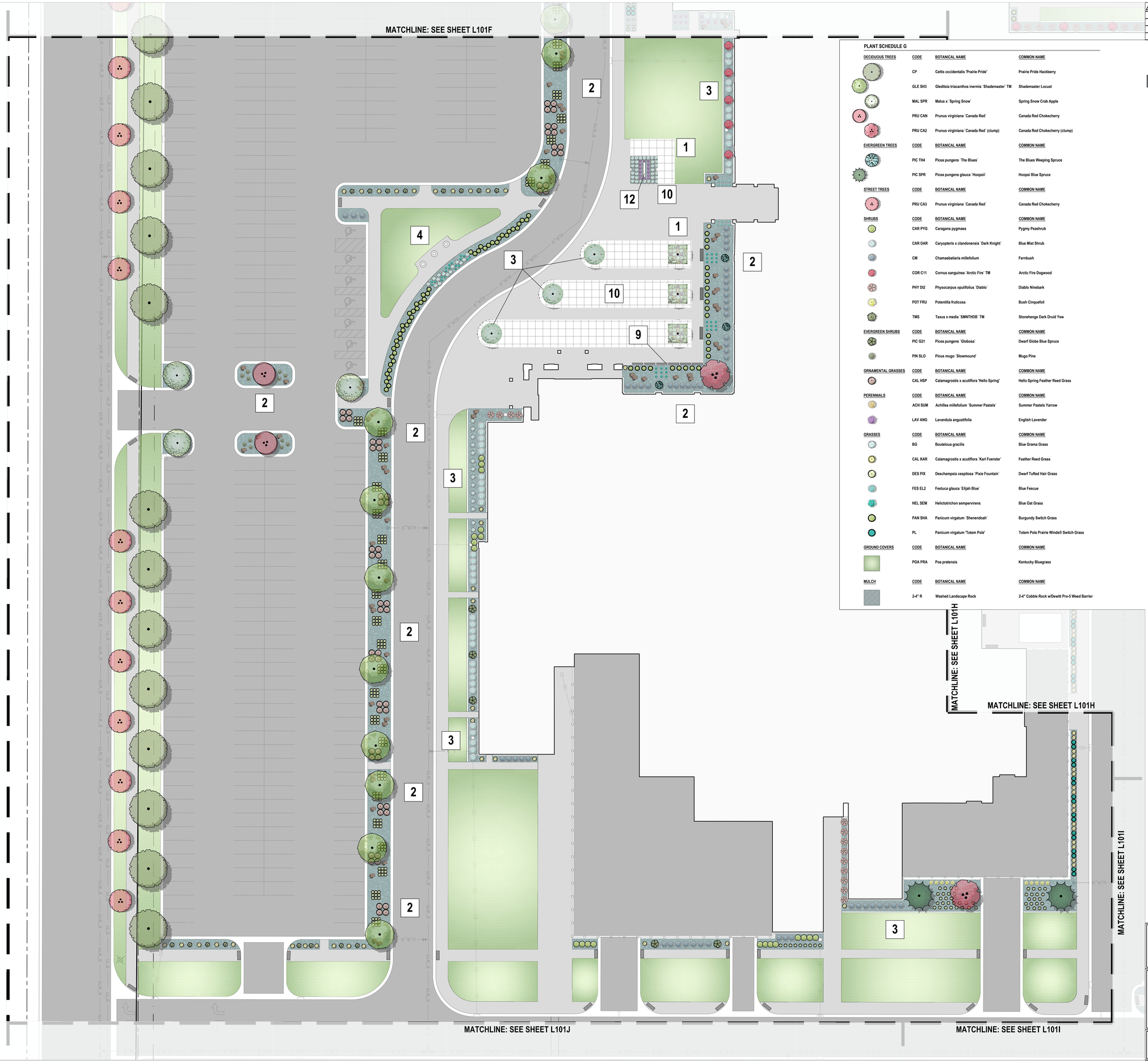
OWNER:
WASATCH

STATE OF UTAH
CARL BERG
7852790
REG. LANDSCAPE ARCHITECT
30 MAY 2023

SHEET DESCRIPTION:
PLANTING PLAN SHEET F

SHEET:
L101F

CONFORMANCE SET



MARK	REVISION	DATE

PLANT SCHEDULE G

DECIDUOUS TREES	CODE	BOTANICAL NAME	COMMON NAME
	CP	Celtis occidentalis 'Prairie Pride'	Prairie Pride Hackberry
	GLE SH3	Gleditsia triacanthos inermis `Shademaster` TM	Shademaster Locust
	MAL SPR	Malus x `Spring Snow`	Spring Snow Crab Apple
	PRU CAN	Prunus virginiana `Canada Red`	Canada Red Chokecherry
	PRU CA2	Prunus virginiana `Canada Red` (clump)	Canada Red Chokecherry (clump)
EVERGREEN TREES	**CODE**	**BOTANICAL NAME**	**COMMON NAME**
	PIC TH4	Picea pungens `The Blues`	The Blues Weeping Spruce
	PIC SPR	Picea pungens glauca `Hoopsii`	Hoopsi Blue Spruce
STREET TREES	**CODE**	**BOTANICAL NAME**	**COMMON NAME**
	PRU CA3	Prunus virginiana `Canada Red`	Canada Red Chokecherry
SHRUBS	**CODE**	**BOTANICAL NAME**	**COMMON NAME**
	CAR PYG	Caragana pygmaea	Pygmy Peashrub
	CAR DAR	Caryopteris x clandonensis `Dark Knight`	Blue Mist Shrub
	CM	Chamaebatiaria millefolium	Fernbush
	COR C11	Cornus sanguinea `Arctic Fire` TM	Arctic Fire Dogwood
	PHY DI2	Physocarpus opulifolius `Diablo`	Diablo Ninebark
	POT FRU	Potentilla fruticosa	Bush Cinquefoil
	TMS	Taxus x media `SMNTHDB` TM	Stonehenge Dark Druid Yew
EVERGREEN SHRUBS	**CODE**	**BOTANICAL NAME**	**COMMON NAME**
	PIC G21	Picea pungens `Globosa`	Dwarf Globe Blue Spruce
	PIN SLO	Pinus mugo `Slowmound`	Mugo Pine
ORNAMENTAL GRASSES	**CODE**	**BOTANICAL NAME**	**COMMON NAME**
	CAL HSP	Calamagrostis x acutiflora 'Hello Spring'	Hello Spring Feather Reed Grass
PERENNIALS	**CODE**	**BOTANICAL NAME**	**COMMON NAME**
	ACH SUM	Achillea millefolium `Summer Pastels`	Summer Pastels Yarrow
	LAV ANG	Lavandula angustifolia	English Lavender
GRASSES	**CODE**	**BOTANICAL NAME**	**COMMON NAME**
	BG	Bouteloua gracilis	Blue Grama Grass
	CAL KAR	Calamagrostis x acutiflora `Karl Foerster`	Feather Reed Grass
	DES PIX	Deschampsia cespitosa `Pixie Fountain`	Dwarf Tufted Hair Grass
	FES EL2	Festuca glauca `Elijah Blue`	Blue Fescue
	HEL SEM	Helictotrichon sempervirens	Blue Oat Grass
	PAN SHA	Panicum virgatum `Shenendoah`	Burgundy Switch Grass
	PL	Panicum virgatum 'Totem Pole'	Totem Pole Prairie Winds® Switch Grass
GROUND COVERS	**CODE**	**BOTANICAL NAME**	**COMMON NAME**
	POA PRA	Poa pratensis	Kentucky Bluegrass
MULCH	**CODE**	**BOTANICAL NAME**	**COMMON NAME**
	2-4" R	Washed Landscape Rock	2-4" Cobble Rock w/Dewitt Pro-5 Weed Barrier

LEGEND

1. BENCHES (23) SEE L302 FOR DETAIL
2. BOULDER CLUSTER (54) TOTAL SEE L300 FOR DETAIL
3. 12" MOW CURB SEE L300 FOR DETAIL
4. 1 FLAGPOLE 35', 2 FLAGPOLES 30' SEE ARCHITECTURE PLANS FOR DETAIL
9. BIKE RACKS-5 LOOP (6) TOTAL SEE DETAIL ON SHEET L301
10. COLORED CONCRETE -COLOR TBD
12. ROCK MONUMENT SEE DETAIL ON SHEET L301
13. TREE ROOT BARRIER (3) SEE DETAIL ON SHEET L301

NORTH

0 10 0 40 80

SCALE: 1"=20'

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CORE ARCHITECTURE

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DATE: MAY 30, 2023
PROJECT #: CMA 19-057
PROJ. MAN.: BN
CHECKED BY: CB

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PROJECT:
NEW WSD HIGH SCHOOL

PROJECT ADDRESS:
300 NORTH 1000 WEST
HEBER CITY, UTAH

OWNER: WASATCH

STATE OF UTAH — CARL BUSS — 7702790 — PROFESSIONAL LANDSCAPE ARCHITECT
30 MAY 2023

SHEET DESCRIPTION:
PLANTING PLAN SHEET G

SHEET:
L101G

CONFORMANCE SET

GROUND COVERS	CODE	BOTANICAL NAME	COMMON NAME
	POA PRA	Poa pratensis	Kentucky Bluegrass

MULCH	CODE	BOTANICAL NAME	COMMON NAME
	2-4" R	Washed Landscape Rock	2-4" Cobble Rock w/Dewitt Pro-5 Weed Barrier

MATCHLINE: SEE SHEET L101F

MATCHLINE: SEE SHEET L101E

MATCHLINE: SEE SHEET L101G

MATCHLINE: SEE SHEET L101I

MATCHLINE: SEE SHEET L101I

PLANT SCHEDULE H

DECIDUOUS TREES	CODE	BOTANICAL NAME	COMMON NAME
	AG	Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance Apple Serviceberry
	MAL SPR	Malus x `Spring Snow`	Spring Snow Crab Apple
	PRU CA2	Prunus virginiana `Canada Red` (clump)	Canada Red Chokecherry (clump)
	QR	Quercus petraea	Burgundy Oak

EVERGREEN TREES	CODE	BOTANICAL NAME	COMMON NAME
	PIC TH4	Picea pungens `The Blues`	The Blues Weeping Spruce

SHRUBS	CODE	BOTANICAL NAME	COMMON NAME
	CAR PYG	Caragana pygmaea	Pygmy Peashrub
	CAR DAR	Caryopteris x clandonensis `Dark Knight`	Blue Mist Shrub
	CM	Chamaebatiaria millefolium	Fernbush
	COR C11	Cornus sanguinea `Arctic Fire` TM	Arctic Fire Dogwood
	PHY DI2	Physocarpus opulifolius `Diablo`	Diablo Ninebark
	PHY NAN	Physocarpus opulifolius `Nanus`	Dwarf Ninebark
	RIB AUR	Ribes aureum	Golden Currant
	SAL PUR	Salix purpurea `Nana`	Dwarf Arctic Willow

EVERGREEN SHRUBS	CODE	BOTANICAL NAME	COMMON NAME
	PIC G21	Picea pungens `Globosa`	Dwarf Globe Blue Spruce
	PIN SLO	Pinus mugo `Slowmound`	Mugo Pine

GRASSES	CODE	BOTANICAL NAME	COMMON NAME
	BG	Bouteloua gracilis	Blue Grama Grass
	CAL KAR	Calamagrostis x acutiflora `Karl Foerster`	Feather Reed Grass
	DES PIX	Deschampsia cespitosa `Pixie Fountain`	Dwarf Tufted Hair Grass
	FES EL2	Festuca glauca `Elijah Blue`	Blue Fescue
	HEL SEM	Helictotrichon sempervirens	Blue Oat Grass
	PAN SHA	Panicum virgatum `Shenendoah`	Burgundy Switch Grass
	PL	Panicum virgatum 'Totem Pole'	Totem Pole Prairie Winds® Switch Grass

NORTH

0 10 0 40 80

SCALE: 1"=20'

MARK	REVISION	DATE

LEGEND

1 BENCHES (2)
SEE L302 FOR DETAIL

2 BOULDER CLUSTER (37) TOTAL
SEE L300 FOR DETAIL

3 12" MOW CURB
SEE L300 FOR DETAIL

11 POURED IN PLACE RUBBER SURFACE:
535 SQ.F - SEE L300 FOR DETAIL

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Midway, Ut 84049 ph. (801) 723-2000

CORE ARCHITECTURE
215 S. PLEASANT GROVE BLVD. SUITE #105, PLEASANT GROVE, UT. 84062 | P. (801) 785-3000 | corearch.com

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DATE: MAY 30, 2023
PROJECT #: CMA 19-057
PROJ. MAN.: BN
CHECKED BY: CB

PROJECT:
NEW WSD HIGH SCHOOL

PROJECT ADDRESS:
300 NORTH 1000 WEST
HEBER CITY, UTAH

OWNER:
WASATCH

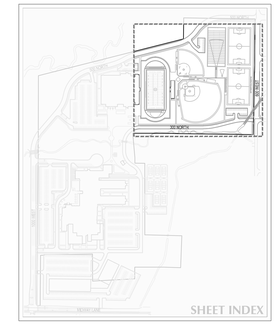
STATE OF UTAH — Carl Berg — 7252790 — REGISTERED LANDSCAPE ARCHITECT
30 MAY 2023

SHEET DESCRIPTION:
PLANTING PLAN SHEET H

SHEET:
L101H

CONFORMANCE SET

MARK	REVISION	DATE



NOTES:
- LOCATION OF EXISTING UTILITIES SHOWN ON PLAN ARE APPROXIMATE AND MAY BE INCOMPLETE. CONTRACTOR IS RESPONSIBLE FOR BLUE STAKING OF UTILITIES.
- SEE ELECTRICAL PLANS FOR SCOREBOARD AND LIGHT LOCATIONS FOR ATHLETIC FIELDS
- SHOP DRAWING APPROVAL FOR COLORS, DIMENSIONS AND MARKINGS REQUIRED BEFORE ORDERING SYNTHETIC TURF.
- APPROVED EQUIVALENTS TO SPECIFIED FIELD TURF PRODUCTS MAY BE ACCEPTED.

NORTH

0 15 30 60 90

SCALE: 1"=30'
18"X24" SCALE:1"=60'

500 NORTH
8' TRAIL
600 WEST
10' TRAIL
300 NORTH
N=7355799.13 E=1661083.77
FOUL POLE
8' CHAINLINK FENCE WITH YELLOW SAFETY TOP RAIL
DOUBLE SWING GATE
8' CHAINLINK FENCE WITH YELLOW SAFETY TOP RAIL
12' WARNING TRACK
CENTER POINT N=7355734.63 E=1661267.87 INSTALL 20' HIGH 50' WIDE BATTER EYE
WARNING TRACK BROWN FIELD TURF OUTFIELD FTVT-50
BULLPEN
SOFTBALL (SYNTHETIC TURF)
N=7355656.44 E=1661093.77
N=7355656.44 E=1661105.77
R=60'
SOFTBALL OUTFIELD FIELD GREEN/SUMMER GREEN OUTFIELD FTVT-50
DUGOUT
N=7355608.05 E=1661141.29
SOFTBALL INFIELD BROWN INFIELD VINTAGE-40
N=7355572.53 E=1661189.61
N=7355560.53 E=1661189.61
FOUL POLE
SHOT PUT
JAVELIN
N=7355550.53 E=1661332.37
DOUBLE SWING GATE
BULLPEN
8' CHAIN LINK FENCE WITH YELLOW SAFETY TOPRAIL
DUGOUT
10' WARNING TRACK SYNTHETIC
BULLPEN
BATTING CAGE
10' WARNING TRACK (DIRT)
DOUBLE SWING GATE
N=7355504.96 E=1661268.78
N=7355473.77 E=1661442.65
FIELD GREEN FIELDTURF FTVTP-50
N=7355461.18 E=1661268.48
N=7355405.58 E=1661179.34
BASEBALL SYNTHETIC INFIELD GREEN FIELDTURF FTVTP-50
DUGOUT
10' WARNING TRACK SYNTHETIC
INFIELD BROWN INFIELD VINTAGE-40
10' SYNTHETIC OUTFIELD
END SYNTHETIC TURF IMPROVEMENTS BEGIN GRASS
SYNTHETIC WARNING TRACK BROWN FIELDTURF OUTFIELD FTVT-50
BULLPEN
R=105'
R=95'
N=7355316.44 E=1661123.74
N=7355316.44 E=1661080.52
10' WARNING TRACK (DIRT)
8' CHAIN LINK FENCE WITH YELLOW SAFETY TOPRAIL
DOUBLE SWING GATE
N=7355143.00 E=1661111.00
BASEBALL NATURAL GRASS OUTFIELD
R=242'
10' WARNING TRACK (DIRT)
8' CHAIN LINK FENCE WITH YELLOW SAFETY TOPRAIL
BATTERS EYE N=7355180.19 (CENTER) E=1661404.68 (CENTER) 20' HIGH 50' WIDE
8' TRAIL
SOCCER FIELD (GRASS)
PRACTICE FIELD (GRASS)
CENTER OF FIELD N=7355822.61 E=1661640.02
N=7355615.65 E=1661529.13
N=7355612.52 E=1661744.10
10'
SOCCER FIELD (SYNTHETIC TURF) FIELD GREEN FIELDTURF VERTEX PRIME FTVTP-57 OR APPROVED EQUAL
350'
330'
CENTER OF FIELD N=7355439.10 E=1661634.07
FIELD LINES TO INCLUDE: SOCCER LACROSSE
10'
N=7355265.68 E=1661524.04
215'
N=7355262.56 E=1661739.02
10' TRAIL
600 WEST
LONG JUMP
LONG JUMP
SCHOOL NAME
FOOTBALL (SYNTHETIC TURF)
LOGO
FIELD LINES TO INCLUDE: FOOTBALL SOCCER LACROSSE
FINAL COLORS, MARKINGS, LOGOS AND SPORTS FIELD LINES TO BE DETERMINED WITH SHOP DRAWINGS.
SCHOOL MASCOT
POLE VAULT
HIGH JUMP
CONCESSIONS RESTROOMS

BERG ENGINEERING
380 E Main St. Suite 204
Midway, UT 84049
ph 435.657.9749

CORE ARCHITECTURE

215 S. RIGHARY BROOKS III, SUITE H-3, P.O.BOX 57, MOAB, UT, 84532, PH: 435.719.2010, E-mail: AIA

DATE:	MAY 30, 2023
PROJECT #:	CMA 19-010
PROJ. MAN:	PDB
CHECKED BY:	PDB

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PROJECT:
NEW HEBER VALLEY HIGH SCHOOL

PROJECT ADDRESS:
300 NORTH 1000 WEST
HEBER CITY, UTAH

OWNER:
WASATCH

STATE OF UTAH — PAUL D. BERG — PROFESSIONAL ENGINEER — 301749 — REGISTERED — 30 MAY 2023

SHEET DESCRIPTION:
SYNTHETIC TURF PLAN

SHEET:
C500

CONFORMANCE SET

path: X:\Wasatch_School_District\New High School_2022\Design\
file name: C500_SYNTHETIC TURF PLAN.dwg | plot date: MAY 30, 2023 | plotted by: dave

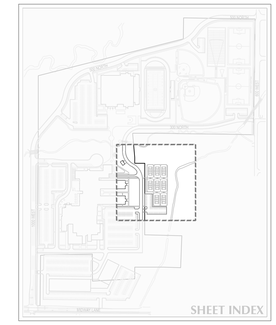
MARK	REVISION	DATE

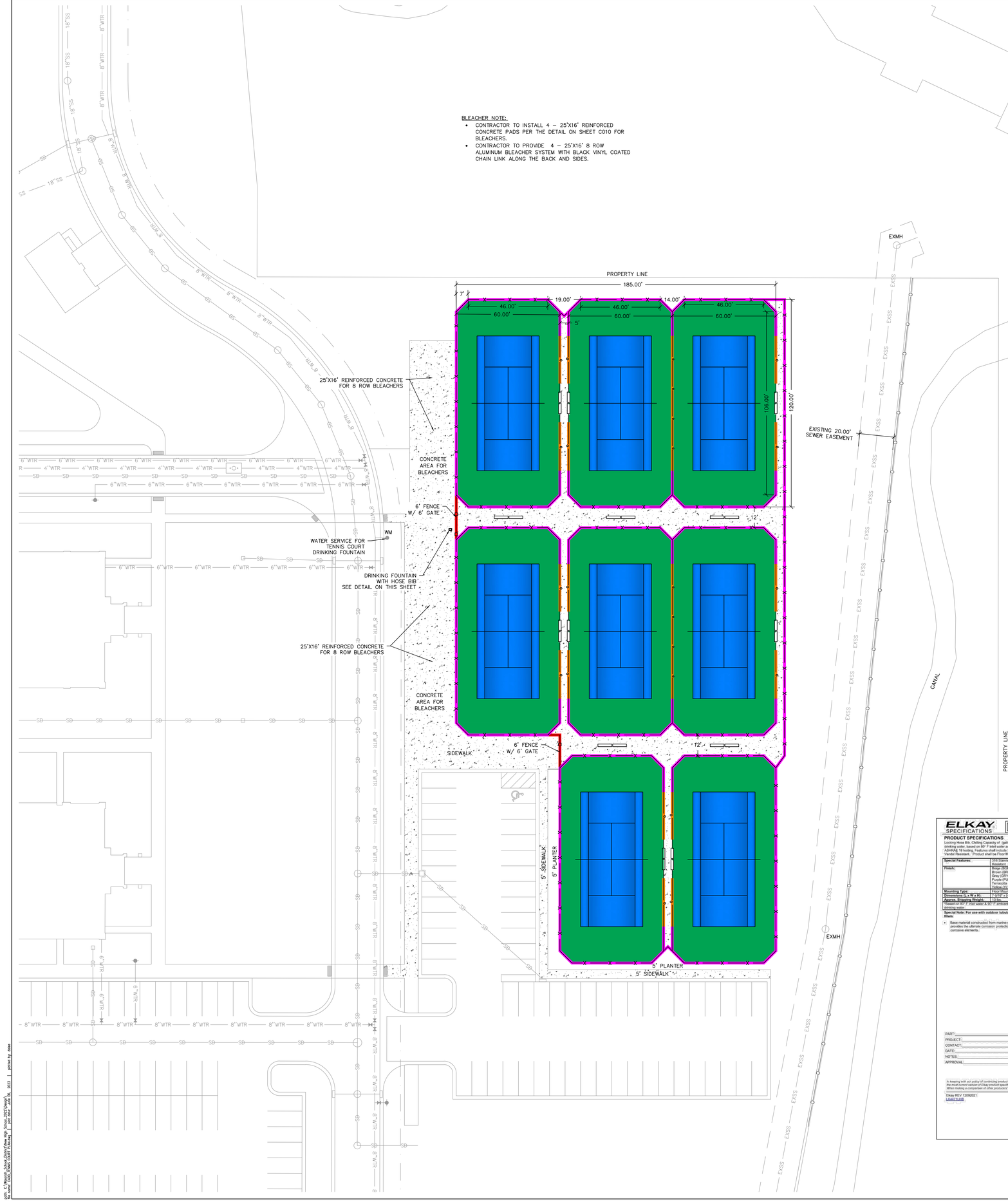
BLEACHER NOTE:
- CONTRACTOR TO INSTALL 4 – 25'X16' REINFORCED CONCRETE PADS PER THE DETAIL ON SHEET C010 FOR BLEACHERS.
- CONTRACTOR TO PROVIDE 4 – 25'X16' 8 ROW ALUMINUM BLEACHER SYSTEM WITH BLACK VINYL COATED CHAIN LINK ALONG THE BACK AND SIDES.

NORTH

0 10 20 40 60

SCALE: 1"=20'
18"X24" SCALE:1"=40'





LEGEND

- INNER COURT – BLUE POST TENSION CONCRETE COURT
- OUTER COURT – GREEN POST TENSION CONCRETE COURT (FINAL COLORS TO BE SELECTED DURING SHOP DRAWING PROCESS) (COLORS APPROVED BY OWNER REQUIRED PRIOR TO ORDERING COURT SURFACE.)
- CONCRETE WALKWAYS AND SLABS (NOT POST TENSION CONCRETE) AND OTHER SIDEWALKS SHOWN NOT PART OF TENNIS COURT PROJECT AND INCLUDED IN OVERALL SITE IMPROVEMENTS.
- BENCHES AS SPECIFIED BY ARCHITECT.
- 4'–0" BLACK POWDER COATED FRAMEWORK WITH VINYL COATED MESH FENCE. POSTED TO BE PLACED 6'–0" ON CENTER MAX.
- 10'–0" BLACK POWDER COATED FRAMEWORK WITH VINYL COATED MESH FENCE. POSTED TO BE PLACED 6'–0" ON CENTER MAX.
- 6'–0" BLACK POWDER COATED FRAMEWORK WITH VINYL COATED MESH FENCE. POSTED TO BE PLACED 6'–0" ON CENTER MAX.

LEGEND

- EXISTING 21" SEWER
- PROPOSED 18" SEWER
- EXISTING 8" WATER
- PROPOSED 8" WATER
- EXISTING PRESSURIZED IRRIGATION
- PROPOSED PRESSURIZED IRRIGATION
- EXISTING STORM DRAIN
- PROPOSED STORM DRAIN

NOTES:
- LOCATION OF EXISTING UTILITIES SHOWN ON PLAN ARE APPROXIMATE AND MAY BE INCOMPLETE. CONTRACTOR IS RESPONSIBLE FOR BLUE STAKING OF UTILITIES.

NOTES
1. WIND SCREEN SHALL BE INSTALLED ON ALL 12' HIGH FENCES AROUND THE TENNIS COURTS.
2. COURT BENCHES TO BE SPECIFIED BY ARCHITECT.
3. BLEACHERS TO BE SPECIFIED BY ARCHITECT.
4. DRINKING FOUNTAIN TO BE SPECIFIED BY ARCHITECT.

ELKAY SPECIFICATIONS — Elkay Outdoor Fountain Bi-Level Pedestal Non-Filtered Non-Refrigerated Freeze Resistant **Model LK4420FRK**

PRODUCT SPECIFICATIONS

Elkay Outdoor Fountain Bi-Level Pedestal Non-Filtered, Non-Refrigerated Freeze Resistant, Stainless Steel, Vandal Resistant, Heavy Duty Vandal Resistant, Sealed Freeze Resistant. Furnished with Vandal Resistant bubbler, Mechanical Front Bubbler Button activation. Product shall be Flow Mount/Freestanding, for Outdoor applications, serving 2 station(s). Unit shall be lead-free design which is certified to NSF/ANSI 61 & 372 (lead free) and meets Federal and State low-lead requirements.

Special Features:	316 Stainless, Heavy Duty Vandal-Resistant, Sealed Freeze Resistant
Finish:	Beige (BGE), Black (BK), Blue (BLU), Brown (BRN), Evergreen (EVG), Gray (GRY), Orange (ORN), Purple (PUR), Red (RED), Terracotta (TER), White (WHT), Yellow (YLW)
Power:	No Electrical Required
Bubbler Style:	Vandal Resistant
Activation by:	Mechanical Front Bubbler Button
Mounting Type:	Floor Mount/Freestanding
Chilling Capacity:	Non-refrigerated
Dimensions (L x W x H):	14" x 21" x 40-5/16"
Approx. Shipping Weight:	136 lbs.
Installation Location:	Outdoor
No. of Stations Served:	2

**When used in non-temperature controlled environments, unit(s) must be adequately winterized and/or protected from extreme heat to prevent damage where moisture exists.

- Mechanically-Activated bubbler continues to supply water in event of service disruptions.
- Base material constructed from marine-grade 316 stainless steel provides the ultimate corrosion protection from even the most corrosive elements.
- Sealed Freeze Resistant Valve System: Fully sealed freeze resistant system that minimizes chance of ground water contamination, and prevents drain water from mixing with fresh water. Designed for ground installation below the frost line.

COLOR TO BE CHOSEN BY SCHOOL DISTRICT

Included with Product: Outdoor Fountain Freeze Resistant Valve Assembly

Ships in one box:
AMERICAN PRIDE. A LIFETIME TRADITION.
Elkay is proud to be an employee owned company that enters the 4th generation of family ownership. For almost a century, Elkay has been a family owned and operated company, providing thousands of jobs that support our families and communities.

PRODUCT COMPLIANCE
ADA & ICC A117.1
ASME A112.19.3/CSA B45.4
Buy American Act
NSF/ANSI 61 & 372 (lead free)

Complies with ADA & ICC A117.1 accessibility requirements when installed according to the requirements outlined in these directions. Installation may require additional components and/or construction features to be fully compliant. Consult the local Authority Having Jurisdiction if necessary.

Installation Instructions (PDF)

Warranty pertains to drinking water applications only. Non-drinking water applications are not covered under warranty.

Warranty (PDF)

PART:_____ QTY:_____
PROJECT:_____
CONTACT:_____
DATE:_____
NOTES:_____
APPROVAL:_____

In keeping with our policy of continuing product improvement, Elkay reserves the right to change product specifications without notice. Please visit elkay.com for the most current version of Elkay product specification sheets. This specification describes an Elkay product with design, quality, and functional benefits to the user. When making a comparison of other producers' offerings, be certain these features are not overlooked.

Elkay REV 04262022 LK4420FRK | 1333 Butterfield Road, Suite 200 Downers Grove, IL 60515 | © 2022 Page 1 LK4420FRK_spec.pdf

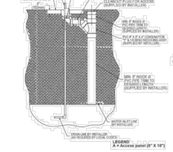
ELKAY SPECIFICATIONS — Elkay Outdoor Fountain Bi-Level Pedestal Non-Filtered Non-Refrigerated Freeze Resistant **Model LK4420FRK**

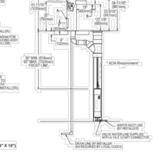
MOUNTING INSTRUCTIONS and PLUMBING INSTRUCTIONS
Refer to engineer's drawings required for fountain installation. Refer to owner's manual for site preparation details. Provide solid, well-drained surface to mount pedestal fountain (concrete pad recommended) with adequate support for fountain. Fountain (with 3/8" holes provided) should be attached securely to mounting surface in order to secure fountain. (Refer to rough-in diagram), and be sure to allow an adequate flow control (not supplied) in the water line as shown in the installation instructions that accompany this fountain. (Refer to the rough-in diagram below). Refer to local codes for any additional requirements.

Locate and install plumbing through ground as required. Assemble fountain to prepared site and mounting pad.

NOTE: Fountain is not furnished with service valve. Position pedestal over plumbing and secure base to fasteners. Remove access panels and connect supply and water lines. Turn on water supply and check for leaks. Refer to owner's manual for detailed instructions.Reassemble access panels to pedestal. Trap and service stop not included.

SANITARY FREEZE-RESISTANT VALVE GROUND INSTALL DETAIL





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Elkay REV 04262022 LK4420FRK | 1333 Butterfield Road, Suite 200 Downers Grove, IL 60515 | © 2022 Page 3 LK4420FRK_spec.pdf

DRINKING FOUNTAIN
N.T.S.
B

ELKAY SPECIFICATIONS — HOSE BIB ON FOUNTAIN THIS SHEET — Locking Hose Bib **Model LK4471LHB**

PRODUCT SPECIFICATIONS

Locking Hose Bib. Chilling Capacity of (gallons per hour) of 50° F drinking water, based on 80° F inlet water and 90° F ambient, per ASHRAE 18 testing. Features shall include 316 Stainless, Heavy Duty Vandal Resistant. Product shall be Floor Mount/Freestanding.

Special Features:	316 Stainless, Heavy Duty Vandal Resistant
Finish:	Beige (BGE), Black (BK), Blue (BLU), Brown (BRN), Evergreen (EVG), Gray (GRY), Orange (ORN), Purple (PUR), Red (RED), Terracotta (TER), White (WHT), Yellow (YLW)
Mounting Type:	Floor Mount/Freestanding
Dimensions (L x W x H):	7-3/16" x 3-3/16" x 10"
Approx. Shipping Weight:	13 lbs.

*Based on 80° F inlet water & 90° F ambient air temp for 50° F chilled drinking water.

Special Note: For use with outdoor tubular fountains and bottle fillers

- Base material constructed from marine-grade 316 stainless steel provides the ultimate corrosion protection from even the most corrosive elements.

COLOR TO BE CHOSEN BY SCHOOL DISTRICT

Ships in one box:
AMERICAN PRIDE. A LIFETIME TRADITION.
Elkay is proud to be an employee owned company that enters the 4th generation of family ownership. For almost a century, Elkay has been a family owned and operated company, providing thousands of jobs that support our families and communities.

PART:_____ QTY:_____
PROJECT:_____
CONTACT:_____
DATE:_____
NOTES:_____
APPROVAL:_____

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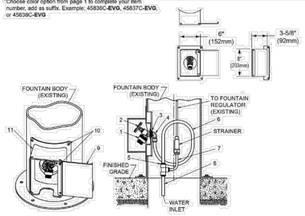
Elkay REV 12092021 LK4471LHB | 1333 Butterfield Road, Suite 200 Downers Grove, IL 60515 | © 2021 Page 1 LK4471LHB_spec.pdf

ELKAY SPECIFICATIONS — Locking Hose Bib **Model LK4471LHB**

Item No.	Part No.	Description
1	75634C	Fitting - Hose Vacuum Breaker
2	75618C	Faucet - 1/2" NPT
3	70977C	Nut - Lock 1/2" Conduit
4	70972C	Elbow - 90° x 1/2" MPT
5	75623C	Fitting - Tee 1/2" x 1/2" x 3/8"
6	86555C	Tube - 1/2" O.D. x 36.00" Lg.
7	86476C	Tube - 3/8" O.D. Tee to Strainer
8	98841C	Tube - 1/2" O.D. x 4.38" Lg.
9	45838C*	Door - locking Hose Bib
10	75538C	Screw - 1/4-20 x 3/4" Torx
11	45837C*	Panel - Locking Hose Bib
not shown	75521C	Bit - Pinned Torx T-27 (NS)

*Choose color option from page 1 to complete your item number; add as suffix. Example: 45836C-**EVG**, 45837C-**EVG** or 45838C-**EVG**

INSTALLATION INSTRUCTIONS
1. Shut off water supply to fountain.
2. Determine location for installation of **Hose Bib Accessory**. Remove existing access cover plate. (This accessory is designed to replace the existing access cover.)
3. Disconnect the **fountain water line** from the **main water supply**. Connect Tube (Item 8) to existing fountain strainer as shown below.
4. Connect Tee (Item 6) to Tube (Item 8). Connect main water supply to Tee using 1/2" Copper Tube (Item 8). **DO NOT TURN MAIN WATER SUPPLY ON AT THIS TIME!**
5. Connect Hose Bib Accessory water line to the Tee and to the Elbow (Item 5) on the Access Panel (Item 3) using 1/2" Copper Tube (Item 7) as shown below; maintain loop in coil to facilitate installation and removal of Access Panel.
6. Turn on main water supply. Check for leaks. If there are leaks, turn off main water supply and correct the water leaks as required. After insuring that all connections are leak free, leave main water supply on and replace any panels that may have been removed in the installation process.
7. Assemble Hose Bib Accessory to the main fountain body.



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Elkay REV 12092021 LK4471LHB | 1333 Butterfield Road, Suite 200 Downers Grove, IL 60515 | © 2021 Page 2 LK4471LHB_spec.pdf

YARD HYDRANT
N.T.S.
C

BERG ENGINEERING
380 E Main St. Suite 204
Midway, UT 84049
ph 435.657.9749

CORE ARCHITECTURE
221 S FLIGHT BOOTE BLVD. SUITE 410, FLIGHT BOOTE, UT 84021 T: (801) 785-3000 www.core-arch.com

DATE: MAY 30, 2023
PROJECT #: CMA 19-010
PROJ. MAN: PDB
CHECKED BY: PDB

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PROJECT:
NEW HEBER VALLEY HIGH SCHOOL
PROJECT ADDRESS:
300 NORTH 1000 WEST
HEBER CITY, UTAH
OWNER: WASATCH

STATE OF UTAH — PAUL D. BERG — 7877810 — PROFESSIONAL ENGINEER — 30 MAY 2023

SHEET DESCRIPTION:
TENNIS COURT PLAN

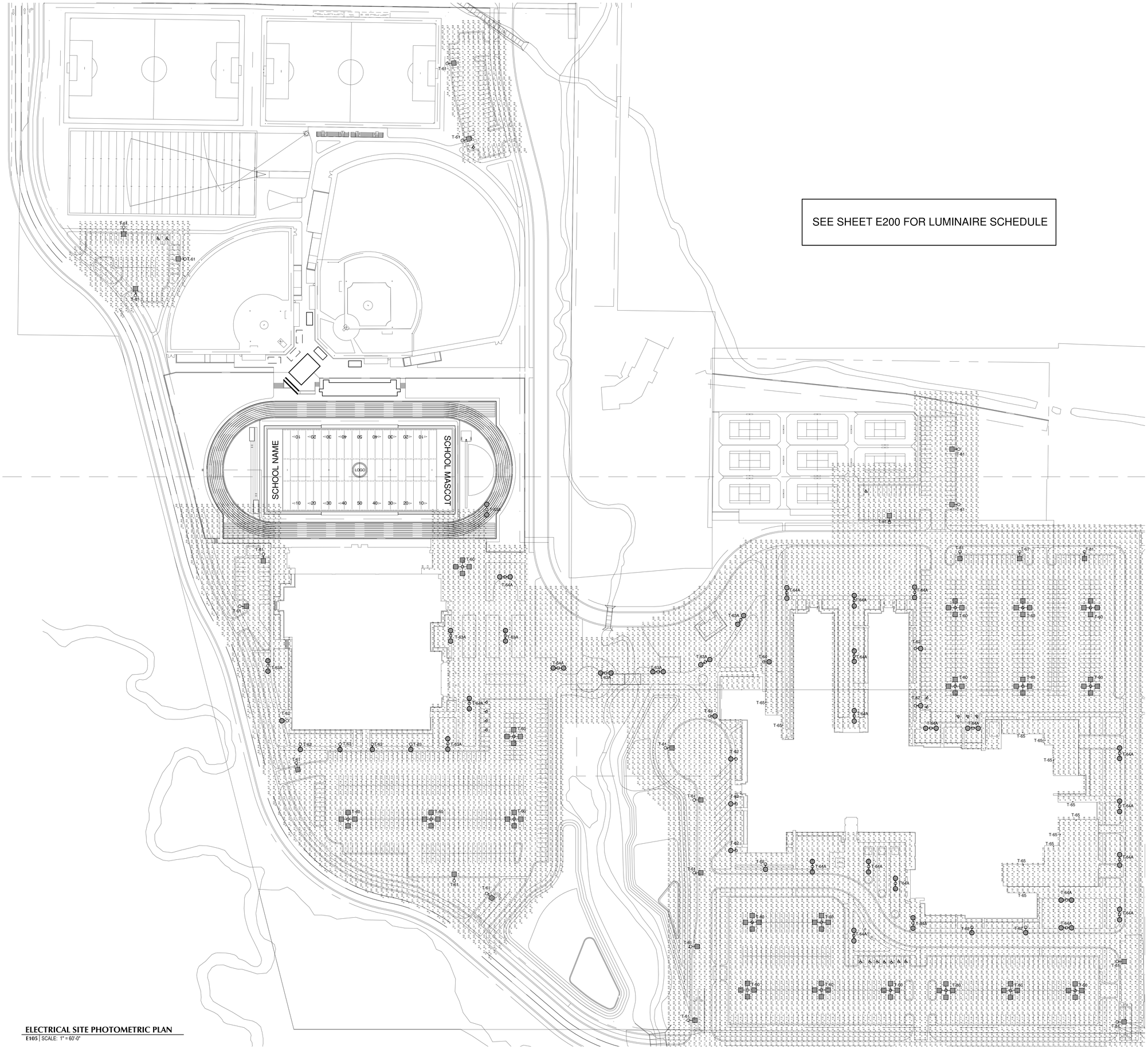
SHEET:
C400

CONFORMANCE SET

path: X:\Wasatch_School_District\New High School_2022\Design\Bid Set\Tennis Courts\C400_TENNIS COURT PLAN.dwg | pen data: color_No. 2023 | plotted by: steve

	MARK	REVISION	DATE

SEE SHEET E200 FOR LUMINAIRE SCHEDULE



ELECTRICAL SITE PHOTOMETRIC PLAN

E105 | SCALE: 1" = 60'-0"

CONSULTANTS

Nielson Engineering, Inc.
Consulting Engineers
156 North Twelfth Avenue
Pocatello, Idaho 83201
PHONE (208) 232-2577
FAX (208) 234-0918

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CORE ARCHITECTURE
220 S. PLEASANT GROVE BLVD. SUITE #100, PLEASANT GROVE, UT. 84062 | P: (801) 769-3000 | corearch.com

DATE:	DECEMBER 2022
PROJECT #:	2231
PROJ. MAN.:	MJE
CHECKED BY:	MSI

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PROJECT:
NEW WSD HIGH SCHOOL

PROJECT ADDRESS:
300 NORTH 1000 WEST
HEBER CITY, UTAH

OWNER: WASATCH

REGISTERED PROFESSIONAL ENGINEER — STATE OF UTAH — MICHAEL S. INGERSOLL — No. 9381691 — 2202

SHEET DESCRIPTION:
ELECTRICAL SITE PHOTOMETRIC PLAN

SHEET:
E105

90% CHECK SET

Autodesk Docs://19-057 New Wasatch High School/New Wasatch High School - NEI CENTRAL FILE 2023.rvt
1/19/2023 8:44:31 PM

MARK	REVISION	DATE

MASTER LUMINAIRE SCHEDULE

TYPE	QTY.	DESCRIPTION	MANUF.	CATALOG #	VOLTS	MOUNTING	LAMPS	WATTS	CONTROL
T-60	19	ALUMINUM EXTRUSION LED (QUAD), LOW PROFILE, 25 FT ROUND POLE WITH VIBRATION DAMPER, 3K, 6-YR WARRANTY, TYPE 5M DISTRIBUTION, 70 CRI, INTEGRATED AMBIENT SENSOR AND BI-LEVEL MOTION DETECTOR, BLACK FINISH, 18,000 LUMENS/HEAD, 124W/HEAD	LITHONIA	DSX1 LED P4 30K 70CRI T5M MVOLT RPA NLTAIR2 PIRHN DBLXD	277	25 FT POLE	LED (INCLUDED)	496 W	nLIGHT AIR
T-61	23	ALUMINUM EXTRUSION LED (SINGLE), LOW PROFILE, 25 FT ROUND POLE WITH VIBRATION DAMPER, 3K, 6-YR WARRANTY, TYPE 3M DISTRIBUTION, 70 CRI, INTEGRATED AMBIENT SENSOR AND BI-LEVEL MOTION DETECTOR, BLACK FINISH, 19,700 LUMENS, 165W	LITHONIA	DSX1 LED P6 30K 70CRI T3M MVOLT RPA NLTAIR2 PIRHN DBLXD	277	25 FT POLE	LED (INCLUDED)	165 W	nLIGHT AIR
T-62	8	DECORATIVE LED BELL SHAPE, TYPE 3 DISTRIBUTION, 20 FOOT ALUMINUM POLE, DECORATIVE ARM AND POLE BASE, 3K DIM 0-10V, 10,600 LUMENS, 92W, BLACK (VERIFY COLOR WITH ARCHITECT)	LUMENPULSE	ALG7220 277 CSL M150 30K CRI80 3 BKTX DIM CRC P4/MCM (ARM)/QB6-QB8 POLE - 20 FT)	277	20 FT POLE	LED (INCLUDED)	92 W	LIGHTING CONTACTOR #3
T-63	4	DECORATIVE LED BELL SHAPE, TYPE 4 DISTRIBUTION, 20 FOOT ALUMINUM POLE, DECORATIVE ARM AND POLE BASE, 3K DIM 0-10V, 9,800 LUMENS, 92W, BLACK (VERIFY COLOR WITH ARCHITECT)	LUMENPULSE	ALG7220 277 CSL M150 30K CRI80 4 BKTX DIM CRC P4/MCM (ARM)/QB6-QB8 POLE - 20 FT)	277	20 FT POLE	LED (INCLUDED)	92 W	LIGHTING CONTACTOR #3
T-63A	10	SAME AS T-63 EXCEPT DOUBLE HEAD (1" CONFIGURATION)						184 W	LIGHTING CONTACTOR #3
T-64	3	DECORATIVE LED BELL SHAPE, TYPE 5 DISTRIBUTION, 20 FOOT ALUMINUM POLE, DECORATIVE ARM AND POLE BASE, 3K DIM 0-10V, 10,700 LUMENS, 90W, BLACK (VERIFY COLOR WITH ARCHITECT)	LUMENPULSE	ALG7220 277 CSL M150 30K CRI80 5 BKTX DIM CRC P4/MCM (ARM)/QB6-QB8 POLE - 20 FT)	277	20 FT POLE	LED (INCLUDED)	92 W	LIGHTING CONTACTOR #3
T-64A	20	SAME AS T-64 EXCEPT DOUBLE HEAD (1" CONFIGURATION)						184 W	LIGHTING CONTACTOR #3
T-65	11	LOW PROFILE WALL PACK, LED, 3K, 3900 LUMENS, 35W, TYPE 3 DISTRIBUTION, INTEGRATED MOTION/AMBIENT SENSOR, BLACK (VERIFY COLOR WITH ARCHITECT)	LITHONIA	DSXW1 LED 20C 530 30K T3M MVOLT PIRIFC3V DBLXD	277	WALL @ 144" (VERIFY WITH ARCHITECT)	LED (INCLUDED)	35 W	LIGHTING CONTACTOR #3

D-Series Size 1
LED Area Luminaire

Catalog Number: DSX1 LED P4 30K 70CRI T5M MVOLT RPA NL1
Notes:
Type: T-60

d*series

Specifications

EPA: 0.69 ft² (0.06 m²)
Length: 32.71" (83.1 cm)
Width: 14.26" (36.2 cm)
Height H1: 7.88" (20.0 cm)
Height H2: 2.73" (6.9 cm)
Weight: 34 lbs (15.4 kg)

Introduction

The modern styling of the D-Series features a highly refined aesthetic that blends seamlessly with its environment. The D-Series offers the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire.

The photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. D-Series outstanding photometry aids in reducing the number of poles required in area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

Ordering Information

EXAMPLE: DSX1 LED P7 40K 70CRI T3M MVOLT SPA NLTAIR2 PIRHN DDBXD

DSX1 LED

Series	LEDs	Color temperature[1]	Color Rendering Index[2]	Distribution	Voltage	Mounting
DSX1 LED	**Forward optics** P1 P6 P2 P7 P3 P8 P4 P9 P5 **Rotated optics** P10[3] P12[3] P11[3] P13[3]	(this section 70CRI only) 30K 3000K 40K 4000K 50K 5000K (this section 80CRI only, extended lead times apply) 27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K 5000K	70CRI 80CRI	AFR Automotive front row T1S Type I short T2M Type II medium T3M Type III medium T4M Type IV medium T5FTM Forward throw medium T5LG Type V large T5VS Type V short T5W Type V wide BLC3 Type III backlight control[4] BLC4 Type IV backlight control[4] LCCO Left corner cutoff[4] RCCO Right corner cutoff[4]	MVOLT 120V-277V[5] HVOLT 347V-480V[5,6] XVOLT 120V-480V[5,7]	Shipped included SPA Square pole mounting (48 drilling) RPA Round pole mounting (48 drilling) SPA05 Square pole mounting (4 @ 90 drilling) RPA05 Round pole mounting (4 @ 90 drilling) SPA05N Square narrow pole mounting (4 @ 90 drilling) WBA Wall bracket[8]

Control options	Other options	Finish (required)
Shipped installed NLTAIR2 PIRHN nLight AIR gen 2 enabled with bi-level motion / ambient sensor, 8-40' mounting height, ambient sensor enabled at 2fc[9,10,11,12] PIR High/low, motion/ambient sensor, 8-40' mounting height, ambient sensor enabled at 2fc[9,10,11] PER NEMA twist-lock receptacle only (controls ordered separately)[13] PER5 Five pin receptacle only (controls ordered separately)[13]	PER7 Seven pin receptacle only (controls ordered separately)[13] FAO Field adjustable output[14,15] BL30 Bi-level switched dimming, 30%[14,15] BL50 Bi-level switched dimming, 50%[14,15] DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately)[15] DS Dual switching[14,15,16]	**Shipped installed** SPD20KV 20KV surge protection HS Houseside shield (black finish standard)[17] LWR Left rotated optics[3] RWR Right rotated optics[3] CCE Coastal Construction[18] **Shipped separately** BSS External Solar Shield (reversible, field installed, required, matches housing finish) BS Bird Spikes (field install required)	DDBXD Dark Bronze DBLXD Black DNAXD Natural Aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white

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D-Series Size 1
LED Area Luminaire

Catalog Number: DSX1 LED P6 30K 70CRI T3M MVOLT RPA NL1
Notes:
Type: T-61

d*series

Specifications

EPA: 0.69 ft² (0.06 m²)
Length: 32.71" (83.1 cm)
Width: 14.26" (36.2 cm)
Height H1: 7.88" (20.0 cm)
Height H2: 2.73" (6.9 cm)
Weight: 34 lbs (15.4 kg)

Introduction

The modern styling of the D-Series features a highly refined aesthetic that blends seamlessly with its environment. The D-Series offers the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire.

The photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. D-Series outstanding photometry aids in reducing the number of poles required in area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

Ordering Information

EXAMPLE: DSX1 LED P7 40K 70CRI T3M MVOLT SPA NLTAIR2 PIRHN DDBXD

DSX1 LED

Series	LEDs	Color temperature[1]	Color Rendering Index[2]	Distribution	Voltage	Mounting
DSX1 LED	**Forward optics** P1 P6 P2 P7 P3 P8 P4 P9 P5 **Rotated optics** P10[3] P12[3] P11[3] P13[3]	(this section 70CRI only) 30K 3000K 40K 4000K 50K 5000K (this section 80CRI only, extended lead times apply) 27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K 5000K	70CRI 80CRI	AFR Automotive front row T1S Type I short T2M Type II medium T3M Type III medium T4M Type IV medium T5FTM Forward throw medium T5LG Type V large T5VS Type V short T5W Type V wide BLC3 Type III backlight control[4] BLC4 Type IV backlight control[4] LCCO Left corner cutoff[4] RCCO Right corner cutoff[4]	MVOLT 120V-277V[5] HVOLT 347V-480V[5,6] XVOLT 120V-480V[5,7]	Shipped included SPA Square pole mounting (48 drilling) RPA Round pole mounting (48 drilling) SPA05 Square pole mounting (4 @ 90 drilling) RPA05 Round pole mounting (4 @ 90 drilling) SPA05N Square narrow pole mounting (4 @ 90 drilling) WBA Wall bracket[8]

Control options	Other options	Finish (required)
Shipped installed NLTAIR2 PIRHN nLight AIR gen 2 enabled with bi-level motion / ambient sensor, 8-40' mounting height, ambient sensor enabled at 2fc[9,10,11,12] PIR High/low, motion/ambient sensor, 8-40' mounting height, ambient sensor enabled at 2fc[9,10,11] PER NEMA twist-lock receptacle only (controls ordered separately)[13] PER5 Five pin receptacle only (controls ordered separately)[13]	PER7 Seven pin receptacle only (controls ordered separately)[13] FAO Field adjustable output[14,15] BL30 Bi-level switched dimming, 30%[14,15] BL50 Bi-level switched dimming, 50%[14,15] DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately)[15] DS Dual switching[14,15,16]	**Shipped installed** SPD20KV 20KV surge protection HS Houseside shield (black finish standard)[17] LWR Left rotated optics[3] RWR Right rotated optics[3] CCE Coastal Construction[18] **Shipped separately** BSS External Solar Shield (reversible, field installed, required, matches housing finish) BS Bird Spikes (field install required)	DDBXD Dark Bronze DBLXD Black DNAXD Natural Aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white

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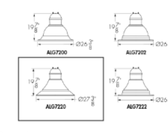
Specification Sheet

allegra
Allegra Medium

T-62, 63, 63A, 64 & 64A TYPES

Project Name _____ Qty _____
Type _____ Catalog / Part Number _____



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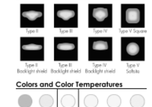

Colors and Color Temperatures

2200K 2700K 3000K 3500K 4000K 5700K

Control

ON/OFF 0-10V

Rating

IP66 (optical chamber)

Certifications

cULus

Description

The Allegra Medium is a durable, stylish luminaire for urban lighting applications, including pedestrian plazas, residential streets and collector roads. Offering a choice of outputs, color temperatures, and distributions, the Allegra Medium is elegance personified.

Features

Color and Color Temperature	2200K, 2700K, 3000K, 3500K, 4000K, 5700K
Distributions	Type II, Type III or Type IV (with or without backlight shield), Type 5 square and Type V Softdist
Options	Corrosion-resistant coating for hostile environments, Surge protector
Mounting Options	Pendant Medium (4-Bolt Tenon Adaptor), Side Internal (2 3/8 in Tenon)
Warranty	5-year limited warranty

Performance

Output (nominal lumens)	Minimum 3000lm / Maximum 17000lm
Color Rendering	3 SDCM for CRI 70+ and 2 SDCM for CRI 80+
Lumen Maintenance	TM-21 L70 527,000 hrs (projected, To 77 °F), 36,000 hrs (reported, To 77 °F)
Dark Sky	Dark sky compliant (2200K, 2700K and 3000K color temperatures, BUG rating of U0)

Physical

Housing Material	Die cast low copper 360 aluminum alloy
Lens Material	Optical tempered clear glass (Clearsite lens), Optical tempered opal glass (Softsite lens)
Weight	Up to 35 lbs

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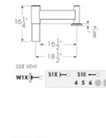
Specification Sheet

allegra
Allegra Medium

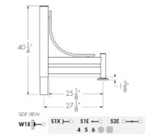
T-62, 63, 63A, 64 & 64A TYPES

P4 - Pendant Medium (4-Bolt Tenon Adaptor) Arm Style Dimensions

D5 Arm Style

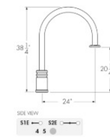


CS2 Arm Style

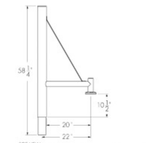


CS4 Arm Style

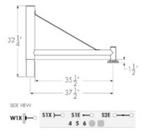
CS6 Arm Style



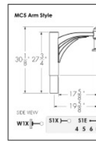
CS12 Arm Style



CS13 Arm Style



MC5 Arm Style



T-62, 63, 63A, 64 & 64A TYPES

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Specification Sheet

allegra
Allegra Medium

poles, arms & accessories
Muffler pole

T-62, 63, 63A, 64 & 64A TYPES

Project Name _____ Qty _____
Type _____ Catalog / Part Number _____

Ø4 in Round Pole with QB6 Base Cover Option Shown

Pole Dimensions

Muffler Base Dimensions

Available Pole Shapes
(Consult "Configurations Table" Section for more details)

Base cover options

Certifications

cULus

Description

Lumenpulse Muffler Poles are available in steel or aluminum of various diameters and profiles to suit your outdoor design. Our Muffler Poles are suitable for use with our accessories, such as Banner Arms and Basket Holders. Lumenpulse Muffler Poles have a molded base plate and are available in multiple finishes.

Features

Pole dimensions	4 in and 5 in Straight or Fluted Pole
Muffler base dimension	5 in Fluted Muffler Base, 6 in and 8 5/8 in Straight Muffler Base
Height	Up to 30 ft, to specify height in 1 ft increments (consult configurations table for maximum height informations)
Options	Ground Fault Duplex Receptacle, Ground Fault Duplex Receptacle (while in use), Tamper-Proof Screws, Corrosion-resistant coating for hostile environments, Galvanized Steel
Warranty	5-year limited warranty

Physical

Material	Aluminum, Steel
Access Door Dimensions	(in)(4 1/8) x 9 1/4 in for 6 in muffler base, (in)(4 1/4) x 10 1/8 in for 8 in muffler base
Wall Thickness	1/8 in, 3/16 in, 1/4 in, 5/16 in
Anchor Bolt Material	Carbon steel partially galvanized
Hardware Material	Stainless steel
Surface Finish	Super durable resistant exterior polyester powder coating meets AAMA 2604-98 requirements (5-years Florida exposure), a corrosion resistant finish (CRC) pre-finish is available to meet ASTM B-117 & ASTM D-1654 (salt spray resistance) and ASTM D-2247 requirements (humidity resistance).

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Specification Sheet

allegra
Allegra Medium

T-62
ALG7220 277 CSL M150 30K CRI80 3 BKTX DIM CRC P4/MCM (ARM)/QB6-QB8 POLE - 20 FT)

- Mid-pole/mid-luminaire distance is bases on 4 in pole (add 1/2 in for 5 in pole and 1 in for 6 in pole).

How to order

Housing[11]	Voltage	Lens	Output (nominal lumens)	Color and Color Temperature[12]	Color Rendering	Distributions	Finish	Control	Options	Mounting Options
AG7200 Allegra 7200 AG7202 Allegra 7202 AG7204 Allegra 7204 AG7220 Allegra 7220 AG7222 Allegra 7222 AG7224 Allegra 7224	120 120 volts 208 208 volts 240 240 volts 277 277 volts 347 347 volts 480 480 volts	CSL Clearsite lens[13] SSL Softsite lens[13]	540 4000lm[14] 560 4500lm H080 8000lm M110 11,000lm M150 15,000lm L170 17,000lm L30 2200lm Softsite L50 3300lm Softsite L70 7000lm Softsite	22K 2200K[15] 27K 2700K[15] 30K 3000K 40K 4000K 57K 5700K	CRI 70 CRI 70+[15] CRI 80 CRI 80+[15]	2 Type II 2BLS Type II backlight shield 3 Type III 3BLS Type III backlight shield 4 Type IV 4BLS Type IV backlight shield 5 Type V Square 5S Type V Softdist	BK Black Sandblast® BKE Bronze Sandblast® W Silver Sandblast® WTX Textured black MSTX Textured medium-grey metallic GRNTX Textured green WHTX Textured white CC Custom color & finish[15,16]	DIM 0-10V dimming	CRC Corrosion-resistant coating[15,16,17] SP Surge protector	P4 Pendant Medium (4-Bolt Tenon Adaptor) SI2 Side Internal (2 3/8in Tenon)

Notes:
1. Consult Material Products section on webpage for a selection of compatible decorative arms, decorative poles (sold separately).
2. Available with 540, 560, 4080, M110, M150 and L170 output options only.
3. Available with Type II, Type III, Type IV, Type V Square and Type V Softdist distribution only.
4. Available with Type III, Type IV and Type V Square options only.
5. Available with type II distribution only.
6. Available up to 277V.
7. Available with 120V and 347V color temperature options.
8. Available for CSR 80 only.
9. Binning within a 3-step MacAdam ellipse, with the exception of 2200K and 5700K.
10. Binning within a 2-step MacAdam ellipse, with the exception of 2700K.
11. Specify White, Black, Bronze or Silver finish for textured fixtures (ex. AG7202TSS or 5TX for Sandtex finish (ex. AG7202TSS). Textured or Sandtex finishes are recommended for the durability of all products. If a finish is not specified with the POL number (ex. AG7202), a glossy finish will be provided. Please consult factory for other RAL textures and glosses, or to match alternate color finishes.
12. Lumen values are based on 4000K CCT, 70 CRI, unless otherwise noted.
13. Lumen output may vary depending on optic selected.
14. Longer lead times can be expected for custom RAL color finishes.
15. Not available with 347V or 480V voltage options. Emergency components located in back box housing.
16. Use only when exposed to salt spray. This option is not required for normal outdoor exposure.
17. Setup charges apply. Consult factory for details.

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Specification Sheet

allegra
Allegra Medium

T-63
ALG7220 277 CSL M150 30K CRI80 4 BKTX DIM CRC P4/MCM (ARM)

- Mid-pole/mid-luminaire distance is bases on 4 in pole (add 1/2 in for 5 in pole and 1 in for 6 in pole).

How to order

Housing[11]	Voltage	Lens	Output (nominal lumens)	Color and Color Temperature[12]	Color Rendering	Distributions	Finish	Control	Options	Mounting Options
AG7200 Allegra 7200 AG7202 Allegra 7202 AG7204 Allegra 7204 AG7220 Allegra 7220 AG7222 Allegra 7222 AG7224 Allegra 7224	120 120 volts 208 208 volts 240 240 volts 277 277 volts 347 347 volts 480 480 volts	CSL Clearsite lens SSL Softsite lens[13]	540 4000lm[14] 560 4500lm H080 8000lm M110 11,000lm M150 15,000lm L170 17,000lm L30 2200lm Softsite L50 3300lm Softsite L70 7000lm Softsite	22K 2200K[15] 27K 2700K[15] 30K 3000K 40K 4000K 57K 5700K	CRI 70 CRI 70+[15] CRI 80 CRI 80+[15]	2 Type II 2BLS Type II backlight shield 3 Type III 3BLS Type III backlight shield 4 Type IV 4BLS Type IV backlight shield 5 Type V Square 5S Type V Softdist	BK Black Sandblast® BKE Bronze Sandblast® W Silver Sandblast® WTX Textured black MSTX Textured medium-grey metallic GRNTX Textured green WHTX Textured white CC Custom color & finish[15,16]	DIM 0-10V dimming	CRC Corrosion-resistant coating[15,16,17] SP Surge protector	P4 Pendant Medium (4-Bolt Tenon Adaptor) SI2 Side Internal (2 3/8in Tenon)

Notes:
1. Consult Material Products section on webpage for a selection of compatible decorative arms, decorative poles (sold separately).
2. Available with 540, 560, 4080, M110, M150 and L170 output options only.
3. Available with Type II, Type III, Type IV, Type V Square and Type V Softdist distribution only.
4. Available with Type III, Type IV and Type V Square options only.
5. Available with type II distribution only.
6. Available up to 277V.
7. Available with 120V and 347V color temperature options.
8. Available for CSR 80 only.
9. Binning within a 3-step MacAdam ellipse, with the exception of 2200K and 5700K.
10. Binning within a 2-step MacAdam ellipse, with the exception of 2700K.
11. Specify White, Black, Bronze or Silver finish for textured fixtures (ex. AG7202TSS or 5TX for Sandtex finish (ex. AG7202TSS). Textured or Sandtex finishes are recommended for the durability of all products. If a finish is not specified with the POL number (ex. AG7202), a glossy finish will be provided. Please consult factory for other RAL textures and glosses, or to match alternate color finishes.
12. Lumen values are based on 4000K CCT, 70 CRI, unless otherwise noted.
13. Lumen output may vary depending on optic selected.
14. Longer lead times can be expected for custom RAL color finishes.
15. Not available with 347V or 480V voltage options. Emergency components located in back box housing.
16. Use only when exposed to salt spray. This option is not required for normal outdoor exposure.
17. Setup charges apply. Consult factory for details.

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Specification Sheet

allegra
Allegra Medium

T-64
ALG7220 277 CSL M150 30K CRI80 5S BKTX DIM CRC P4/MCM (ARM)

- Mid-pole/mid-luminaire distance is bases on 4 in pole (add 1/2 in for 5 in pole and 1 in for 6 in pole).

How to order

Housing[11]	Voltage	Lens	Output (nominal lumens)	Color and Color Temperature[12]	Color Rendering	Distributions	Finish	Control	Options	Mounting Options
AG7200 Allegra 7200 AG7202 Allegra 7202 AG7204 Allegra 7204 AG7220 Allegra 7220 AG7222 Allegra 7222 AG7224 Allegra 7224	120 120 volts 208 208 volts 240 240 volts 277 277 volts 347 347 volts 480 480 volts	CSL Clearsite lens SSL Softsite lens[13]	540 4000lm[14] 560 4500lm H080 8000lm M110 11,000lm M150 15,000lm L170 17,000lm L30 2200lm Softsite L50 3300lm Softsite L70 7000lm Softsite	22K 2200K[15] 27K 2700K[15] 30K 3000K 40K 4000K 57K 5700K	CRI 70 CRI 70+[15] CRI 80 CRI 80+[15]	2 Type II 2BLS Type II backlight shield 3 Type III 3BLS Type III backlight shield 4 Type IV 4BLS Type IV backlight shield 5 Type V Square 5S Type V Softdist	BK Black Sandblast® BKE Bronze Sandblast® W Silver Sandblast® WTX Textured black MSTX Textured medium-grey metallic GRNTX Textured green WHTX Textured white CC Custom color & finish[15,16]	DIM 0-10V dimming	CRC Corrosion-resistant coating[15,16,17] SP Surge protector	P4 Pendant Medium (4-Bolt Tenon Adaptor) SI2 Side Internal (2 3/8in Tenon)

Notes:
1. Consult Material Products section on webpage for a selection of compatible decorative arms, decorative poles (sold separately).
2. Available with 540, 560, 4080, M110, M150 and L170 output options only.
3. Available with Type II, Type III, Type IV, Type V Square and Type V Softdist distribution only.
4. Available with Type III, Type IV and Type V Square options only.
5. Available with type II distribution only.
6. Available up to 277V.
7. Available with 120V and 347V color temperature options.
8. Available for CSR 80 only.
9. Binning within a 3-step MacAdam ellipse, with the exception of 2200K and 5700K.
10. Binning within a 2-step MacAdam ellipse, with the exception of 2700K.
11. Specify White, Black, Bronze or Silver finish for textured fixtures (ex. AG7202TSS or 5TX for Sandtex finish (ex. AG7202TSS). Textured or Sandtex finishes are recommended for the durability of all products. If a finish is not specified with the POL number (ex. AG7202), a glossy finish will be provided. Please consult factory for other RAL textures and glosses, or to match alternate color finishes.
12. Lumen values are based on 4000K CCT, 70 CRI, unless otherwise noted.
13. Lumen output may vary depending on optic selected.
14. Longer lead times can be expected for custom RAL color finishes.
15. Not available with 347V or 480V voltage options. Emergency components located in back box housing.
16. Use only when exposed to salt spray. This option is not required for normal outdoor exposure.
17. Setup charges apply. Consult factory for details.

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D-Series Size 1
LED Wall Luminaire

Catalog Number: DSXW1 LED 20C 530 30K T3M MVOLT PI
Notes:
Type: T-65

d*series

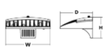
Specifications

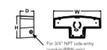
Luminaire

Width: 13-3/4" (34.9 cm) Weight: 12 lbs (5.4 kg)
Depth: 10" (25.4 cm)
Height: 6-3/8" (16.2 cm)

Back Box (BBW, E20WC)

Width: 13-3/4" (34.9 cm) BBW Weight: 5 lbs (2.3 kg)
Depth: 4" (10.2 cm) E20WC Weight: 10 lbs (4.5 kg)
Height: 6-3/8" (16.2 cm)





Introduction

The D-Series Wall luminaire is a stylish, fully integrated LED solution for building-mount applications. It features a sleek, modern design and is carefully engineered to provide long-lasting, energy-efficient lighting with a variety of optical and control options for customized performance.

With an expected service life of over 20 years of nighttime use and up to 74% in energy savings over comparable 250W metal halide luminaires, the D-Series Wall is a reliable, low-maintenance lighting solution that produces sites that are exceptionally illuminated.

Ordering Information

EXAMPLE: DSXW1 LED 20C 1000 40K T3M MVOLT DDBTXD

DSXW1 LED

Series	LEDs	Drive Current	Color temperature	Distribution	Voltage	Mounting	Control Options
DSXW1 LED	10C 10 LEDs (one engine) 20C 20 LEDs (two engines)	350 350 mA 530 530 mA 700 700 mA 1000 1000 mA (1 A)	30K 3000K 40K 4000K 50K 5000K AMBPC Amber phosphor converted	T2S Type II Short T2M Type II Medium T3S Type III Short T3M Type III Medium T4M Type IV Medium T5FTM Forward Throw Medium	MVOLT[1] 120-277V[2] HVOLT 347-480V[2] XVOLT 277V-480V[2]	Shipped included (blank) Surface mounting bracket BBW Surface-mounted back box (for conduit entry)[3]	Shipped included PE Photoelectric cell, button type[4] DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) PIR 180° motion/ambient light sensor, <15' mtg ht[5,6] PIRH 180° motion/ambient light sensor, 15-30' mtg ht[5,6] PIR1FC3V Motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc[5,6,7] PIRH1FC3V Motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc[5,6,7] E20WC Emergency battery backup (includes external component enclosure), CA Title 20 compliant[8,9]

| Other Options | Finish (

Planning Commission Staff Report

MEETING DATE:	7/25/2023
SUBJECT:	Request for a Conditional Use Permit to relocate a building from 1350 Industrial Parkway to 1017 East 50 North (Planner Woodbury/Engineer Miner)
RESPONSIBLE:	Denna Woodbury
DEPARTMENT:	Planning
STRATEGIC RELEVANCE:	Community Development

SUMMARY

This item is an action agenda item to relocate a building from 1350 Industrial Parkway to 1017 East 50 North.

The policy questions include the following:

- Should a Conditional Use Permit be approved to relocate a building from 1350 Industrial Parkway to 1017 East 50 North?

RECOMMENDATION

Staff recommends that the Planning Commission approve the Conditional Use Permit to relocate a building from 1350 Industrial Parkway to 1017 East 50 North subject to findings and conditions.

BACKGROUND

G.C. Garcia, Inc. has reviewed the Conditional Use Permit application to relocate a building from 1350 Industrial Parkway to 1017 East 50 North. The reason for the relocation is another project and use is going to be located at 1350 Industrial Parkway. The existing building is a single-family residence and is being relocated to an existing vacant lot at 1017 East 50 North, which is in a residential neighborhood.

DISCUSSION

The existing building will be relocated and set on a full basement which will have 600 square feet finished. A garage is also being added to the existing structure, as well as a covered front porch. The building, when set, will be 26 feet to the peak of the roof. The plot submitted shows a 25 foot setback where a 30 foot setback is required. Staff has added a condition that a site plan showing the 30 foot setback be submitted and approved prior to building permit issuance. A traffic plan will also need to be submitted and approved that addresses the traffic when the building is being moved.

Section 18.108.090. B Standards For Specific Conditional Usesrequires a Conditional Use Permit for buildings that are being relocated that have had prior use. The project meets the required standards as found in the Heber City Municipal Code.

B. Moved Buildings. Buildings moved within the city which building has had prior use, are conditional uses and subject to the following standards:1. Certification by a structural engineer that the structure is sound enough to be moved. 2. The building will have no appreciable detrimental effect on the living environment and property values in the area into which the structure is to be moved; 3. That the building is in conformity with the quality of buildings existing in the area into which it is proposed to be moved; 4. That said building and the lot on which the building is to be located will conform to the requirements of this title and other applicable codes, ordinances and regulations; 5. The location of the moved building on the lot does not in any substantial way adversely affect buildings or uses in abutting properties; 6. Landscaping, walkways and masonry work about the premises and the required dedications and improvements for streets and facilities and buildings shall be provided in conformity with the standards of the city; 7. That a bond or other assurance has been posted as a guarantee that the building and grounds will be improved before the building is occupied to City standards and that the vacated site will be restored to a safe and sightly condition. The amount of the bond or other assurance shall be at least equal to the cost of employing a contractor to make the improvements to the buildings and premises; and 8. The requirements of this chapter shall also apply to the moving of manufactured homes and similar movable structures, except when being moved into a mobile home park.

FISCAL IMPACT

None.

CONCLUSION

The proposed relocation meets the Code and the relocation site is appropriate for the building.

Staff recommends that the Planning Commission approve the Conditional Use Permit to relocate a building from 1350 Industrial Parkway to 1017 East 50 North with the following findings and conditions:

Findings
1. The application is consistent with the Municipal Zoning Code.
2. The application is consistent with the General Plan.
3. The proposed conditional use shall comply with City ordinances, Federal, State Law, as applicable to the site where the conditional use is located.

Conditions:
1 All requirements of the City Engineer shall be met.
2. All other Code Requirements shall be met.
3. Any other conditions or changes as articulated by the Planning Commission.
4. A site plan be submitted and approved showing the required 30 foot setback prior to the building permit being issued.
5. A traffic plan be submitted to the City Engineer and approved prior to the building permit being issued.

ALTERNATIVES

Staff Recommended Option - Approval

I move to **approve** the Hendershot Conditional Use Permit as presented, with the findings and conditions as presented in the conclusion above.

POTENTIAL MOTIONS

ACCOUNTABILITY

Department: Planning
Staff member: Denna Woodbury, Planning Consultant

EXHIBITS

1. PlotPlan
2. Hendershot Residence 2023.07.18

PLOT PLAN

Page 24 of 30

GENERAL STRUCTURAL NOTES

DESIGN CODE: 2018 INTERNATIONAL BUILDING CODE AS AMENDED

DESIGN LOADS:
LOADS USED IN DESIGN:

1. ROOF
   - A) FLAT ROOF SNOW LOAD, P_f — 45 psf
   - B) SNOW EXPOSURE COEFFICIENT, C_e — 1.0
   - C) GROUND SNOW LOAD, P_g — 64 psf
   - D) IMPORTANCE FACTOR, I — 1.0

2. FLOOR
   - A) LIVE LOAD — 40 psf
   - B) DEAD LOAD — 15 psf

3. WIND PRESSURE
   - A) BASIC WIND SPEED — 115 MPH
   - B) BUILDING CATEGORY — II
   - C) IMPORTANCE FACTOR, I_W — 1.0
   - D) EXPOSURE CLASSIFICATION — C
   - E) ENCLOSURE CLASSIFICATION — ENCLOSED

4. SEISMIC LOADS
   - A) SEISMIC DESIGN CATEGORY — D
   - B) SITE CLASS — D
   - C) IMPORTANCE FACTOR, Ie — 1.0
   - D) MAPPED SPECTRAL RESPONSE ACCELERATION
     - S_s — 0.685
     - S_1 — ———
   - E) SPECTRAL RESPONSE COEFFICIENT
     - S_{ds} — 0.57
     - S_{d1} — ———
   - F) RESPONSE MODIFICATION FACTOR, R — 6.5

FOUNDATION-FOOTINGS:
1. PROJECT GEOTECHNICAL REPORT NOT PROVIDED.

STRUCTURAL MATERIALS

1. CONCRETE:
   - SLABS: 3000 psi @ 28 DAYS
   - ELSEWHERE: 3000 psi @ 28 DAYS
2. REINFORCING STEEL: #4-#10 BARS: ASTM A615, GRADE 60; #3 BARS: ASTM A185, GRADE 40
   - MESH: ASTM A185
3. WELDED BARS AND ANCHORS: ASTM A706, GRADE 60
4. WELDED WIRE AND FABRIC: ASTM A185
5. TUBES: ASTM A500, Fy=46 KSI
6. STEEL SHAPES: ASTM A992, Fy=50 KSI
   - OTHER SHAPES: ASTM A36, Fy=36 KSI
   - PLATES: ASTM A36, Fy=36 KSI
7. WELDED CONNECTIONS: E70XX ELECTRODES
8. BOLTS: ASTM A325N
9. ANCHOR BOLTS: ASTM A307 or ASTM A36
10. EXPANSION BOLTS: RED-HEAD ANCHORS, WEDGE-ALL ANCHORS, OR NATIONAL FASTENERS. PROVIDE CURRENT ICBO REPORT FOR EXPANSION ANCHORS USED.
11. DIMENSIONAL FRAMING LUMBER: (M.C. NOT TO EXCEED 19%) DOUGLAS FIR-LARCH #2 OR BETTER
    Fb = 900 psi, Fcr = 625 psi, Fv = 180 psi, Fcq = 1,350 psi, E = 1,600,000 psi
12. POSTS: (CURRENT NDS) (POSTS AND TIMBERS) (M.C. NOT TO EXCEED 19%) DOUGLAS FIR-LARCH #1 OR BETTER
    Fb = 1,200 psi, Fcq = 1,000 psi
13. TIMBER MEMBERS: (CURRENT NDS) (BEAMS AND STRINGERS) (M.C. NOT TO EXCEED 19%) DOUGLAS FIR-LARCH #2 OR BETTER
    Fb = 875 psi, Fcr = 625 psi, Fv = 170 psi, Fcq = 600 psi, E = 1,300,000 psi

    DOUGLAS FIR-LARCH #1 OR BETTER
    Fb = 1,350 psi, Fcr = 625 psi, Fv = 170 psi, Fcq = 925 psi, E = 1,600,000 psi
14. LVL MEMBERS: (I-LEVEL TRUS JOIST OR EQUIVALENT)
    Fb = 2600 psi, Fcr = 750 psi, Fv = 285 psi, Fcq = 2,510 psi, E = 1,800,000 psi
15. GLU-LAM BEAMS: (CURRENT NDS) 24F-V4 DF/DF
    Fb = 2,400 psi, Fcr = 650 psi, Fv = 265 psi, Fcq = 1,650 psi, E = 1,800,000 psi
16. JOISTS: I-LEVEL TRUS JOIST, LOUISIANA PACIFIC, OR EQUIV. (INSTALL PER MFR's SPEC's)
17. LOG MEMBERS: (T.P.I. GRADED AND STAMPED) (M.C. NOT TO EXCEED 19%) DOUGLAS FIR-LARCH #1 OR BETTER
    Fb = 1200 psi, Fcr = 625 psi, Fv = 180 psi, Fcq = 1,550 psi, E = 1,800,000 psi
18. ERRORS AND OMISSION WHICH MAY OCCUR IN THE CONTRACT DOCUMENTS AND PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER, IN WRITING AND WRITTEN INSTRUCTION SHALL BE OBTAINED PRIOR TO PROCEEDING WITH CONSTRUCTION. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY ERRORS, DISCREPANCIES OR OMISSIONS FOR WHICH THE CONTRACTOR FAILED TO NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION AND OR FABRICATION OF THE WORK.

FLOOR FRAMING NOTES

1. PROVIDE BLOCKING BETWEEN JOISTS OVER BEARING WALLS AND OVER FOUNDATION AT BAY WINDOWS AND FLOOR CANTILEVERS.
2. FLOOR SHEATHING TO BE INSTALLED PERPENDICULAR TO FLOOR JOISTS.
3. USE SIMPSON ITT2 OR IUS HANGERS AT JOIST TO BEAM CONNECTIONS.
4. USE SIMPSON HHUS HANGERS OR APPROVED EQUAL AT BEAM TO BEAM CONNECTIONS (U.N.O.).

ROOF FRAMING NOTES

1. ALL TRUSSES TO BE SECURED ON EACH END w/ SIMPSON H-1 CLIPS AND GIRDER TRUSSES w/ LGT HOLDOWNS AT EACH END (U.N.O.).
2. PROVIDE SOLID BLOCKING BETWEEN TRUSSES AND RAFTERS OVER BEARING WALLS.
3. USE SIMPSON ITT TOP FLANGE HANGERS AT ALL RAFTER TO BEAM CONNECTIONS (U.N.O.).
4. PROVIDE SOLID BLOCKING UNDER ALL GIRDER TRUSSES AND BEAMS TO FOUNDATION.
5. TRUSS BLOCKING SHALL BE NAILED SOLID TO SHEATHING WITH NAILING THROUGH SHEATHING INTO BLOCKING.
6. VALLEY AND HIP RAFTERS ARE NOT TO BE LESS THAN 2" THICK AND NOT LESS IN DEPTH THAN THE CUT END OF THE RAFTER.

SHEATHING NOTES

FLOOR SHEATHING:
3/4" (48/24) APA RATED T&G SUBFLOOR
10d COMMON @ 6" O.C. AT PANEL EDGES, 10d COMMON @ 10" O.C. FIELD.
ATTACH PANEL TO FRAMEWORK w/ A CONTINUOUS BEAD OF CONSTRUCTION ADHESIVE OR AS REQ'D BY FINISH FLOOR MATERIAL.

ROOF SHEATHING:
5/8" (40/20) APA RATED SHEATHING
8d COMMON @ 6" O.C. AT PANEL EDGES, 8d COMMON @ 12" O.C. FIELD.

EXTERIOR WALL SHEATHING:
7/16" STRUCTURAL "I" RATED PANELS
8d COMMON @ 4" O.C. AT PANEL EDGES, 8d COMMON @ 12" O.C. FIELD.
BLOCK ALL SHEATHING EDGES w/ 2" NOMINAL BLOCKING.
(TYPICAL UNLESS NOTED OTHERWISE ON SHEAR WALL SCHEDULE)

INTERIOR WALL SHEATHING:
1/2" GYPSUM WALL BOARD
#6 x 11/4" SCREWS @ 4" O.C. AT PANEL EDGES & 8" O.C. FIELD. (U.N.O.)

NAILING SCHEDULE (U.N.O.)

1. ALL NAILS SHALL BE COMMON NAILS UNLESS NOTED OTHERWISE.

2. JOIST TO SILL PLATE OR GIRDER (TOENAIL)	(3) 8d
3. BRIDGING TO JOIST (TOENAIL EA. END)	(2) 8d
4. BOTTOM PLATE TO JOIST OR BLOCKING (FACE NAIL)	(3) 16d @ 16" O.C.
5. TOP PLATE TO STUD (END NAIL)	(2) 16d
6. STUD TO BOTTOM PLATE	(4) 8d TOENAIL or (2) 16d ENDNAIL
7. DOUBLE STUDS (FACENAIL)	16d @ 24" O.C.
8. DOUBLE TOP PLATES (FACE NAIL)	16d @ 16" O.C.
9. TOP PLATES, LAPS & INTERSECTIONS (FACE NAIL)	(2) 16d @ 12" O.C.
10. CONTINUOUS HEADER (2 PIECES)	16d @ 16" O.C. ALONG EACH EDGE
11. ROOF JOIST TO PLATE (TOENAIL)	(3) 8d
12. CONTINUOUS HEADER TO STUD (TOENAIL)	(4) 8d
13. ROOF JOISTS, LAPS OVER PARTITIONS (FACE NAIL)	(3) 16d
14. ROOF JOISTS TO PARALLEL RAFTERS (FACE NAIL)	(3) 16d
15. BUILT-UP CORNER STUDS & COLUMNS	16d @ 24" O.C.
16. BUILT-UP BEAMS (FACE NAIL AT TOP & BOTTOM STAGGERED ON OPPOSITE SIDES)	20d @ 32" O.C.
17. RIM JOIST TO TOP PLATE (TOENAIL)	16d @ 6" O.C.

GENERAL CONCRETE NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CURRENT EDITION OF THE INTERNATIONAL BUILDING CODE AND LOCAL CODES.
2. REINFORCED CONCRETE DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH ACI 318-14.
3. CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO STARTING CONSTRUCTION.
4. ALL SLABS ON GRADE ARE TO BE PLACED ON COMPACTED BACKFILL.
5. ALL REINFORCING STEEL SHALL BE NEW GRADE 60 DEFORMED BARS AND SHALL BE TIED IN PLACE PRIOR TO POURING CONCRETE.
6. REINFORCING STEEL CONCRETE COVER:

   SURFACE CAST AGAINST EARTH: 3"

   FORMED SURFACES IN CONTACT WITH EARTH OR EXPOSED TO WEATHER:
   - #5 OR SMALLER: 2"
   - #6 OR LARGER: 1-1/2"

   FORMED SURFACES NOT IN CONTACT WITH EARTH OR EXPOSED TO WEATHER
   - WALLS, SLABS, JOISTS: 3/4"
7. TOP OF FOUNDATION WALLS TO BE A MINIMUM OF 6" ABOVE FINISHED GRADE.
8. BLOCK OUT OPENINGS FOR GARAGE DOORS AS REQUIRED.
9. ALL CONCRETE EXPOSED TO FREEZING AND THAWING SHALL CONTAIN 5-7% ENTRAINED AIR.
10. ALUMINUM CONDUIT OR PIPING MAY NOT BE EMBEDDED IN ANY CONCRETE.
11. CALCIUM CHLORIDE IS NOT ALLOWED AS AN ADDITIVE TO CONCRETE MIX.
12. PROVIDE A U-FER GROUND.

NO	DATE	ISSUE

ALL FEDERAL, STATE, AND LOCAL CODES, ORDINANCES, REGULATIONS, ETC., SHALL BE CONSIDERED AS PART OF THE SPECIFICATIONS FOR THIS BUILDING AND SHALL TAKE PRESIDENCE OVER ANYTHING SHOWN, DESCRIBED, OR IMPLIED WHERE SAME ARE AT VARIANCE.

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Park Engineering
90 West 200 South
Suite #1
Heber City, Utah 84032
Tel. 435.654.1456
www.parkeng.net

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DRAWINGS FOR:
HENDERSHOT RESIDENCE
1350 INDUSTRIAL PARKWAY
HEBER CITY, UTAH

DRAWING TITLE:
STRUCTURAL NOTES

PROJECT #:
DRAWN BY:
CHECKED BY: SP
SCALE:

NOTE: IF THIS DRAWING IS NOT 36" x 24", IT HAS BEEN REVISED FROM ITS ORIGINAL SIZE: SCALE IS NO LONGER APPLICABLE.

SEAL:

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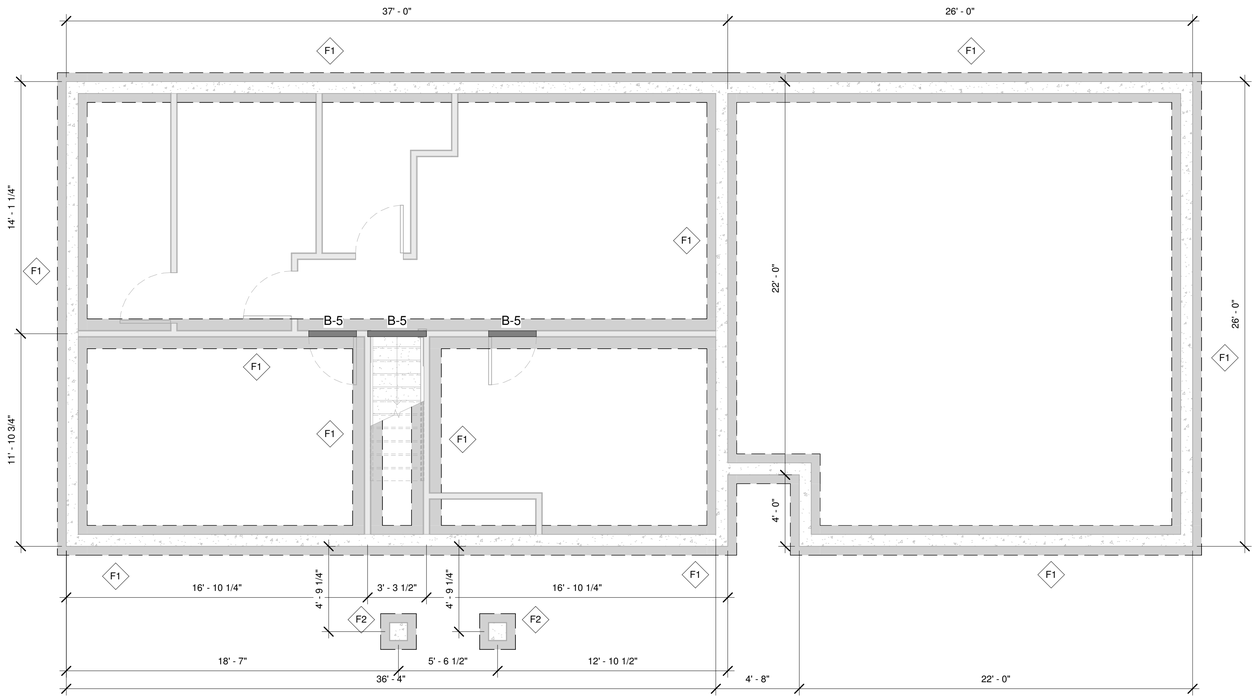
DRAWING NO:
S0



1 FOOTING & FOUNDATION PLAN

SCALE: 1/4" = 1'-0"

HOLD DOWN SCHEDULE

LOC	DESCRIPTION	NOTES
AA	STHD 14/14RJ	INTO (2) STUDS MIN.
BB	HDU5	INTO (2) STUDS MIN.
CC	HDQ8	SOLID 6X6
DD	MST37	INTO (2) STUDS MIN.
EE	MST48	INTO (2) STUDS MIN.
FF	MST60	INTO (2) STUDS MIN.

FOOTING SCHEDULE

Loc	Footing Name	Footing Type
F-1	20 in Strip Footing	20in x 10in x cont Footing w/ (2) #4 bar
F-2	24 in x 24 in Spot Footing	24in x 24in x 10in Footing w/ (3) #4 bar each way

ANCHOR BOLT SCHEDULE

LOC	ANCHOR BOLT	SPACING	SILL PLATE
AB-1	5/8"ø x 12" ANCHOR BOLT	48" O.C.	2 x 6
AB-2	5/8"ø x 12" ANCHOR BOLT	32" O.C.	2 x 6
AB-3	5/8"ø x 12" ANCHOR BOLT	24" O.C.	2 x 6
AB-4	5/8"ø x 12" ANCHOR BOLT	16" O.C.	2 x 6
AB-5	5/8"ø x 12" ANCHOR BOLT	12" O.C.	2 x 6
AB-6	5/8"ø x 12" ANCHOR BOLT	12" O.C.	3 x 6

NOTES:

1. Minimum Anchor Bolt spacing should be AB-1 unless otherwise specified
2. All Anchor bolts should be embedded a minimum of 7" and should be placed between two rebar.
3. All washers should be a plate washer Simpson BP 5/8-3 (3"x3"x $\frac{1}{4}$" min).

FOUNDATION WALL REINFORCING

8" x 4' WALL	#4 @ 24" o.c. Verticals #4 @ 16" o.c. Horizontals #4 within top and bottom of wall
8" x 8' WALL	#4 @ 24" o.c. Verticals #4 @ 16" o.c. Horizontals #4 within top and bottom of wall
8" x 9' WALL	#4 @ 16" o.c. Verticals #4 @ 16" o.c. Horizontals #4 within top and bottom of wall
8" x 10' WALL	#4 @ 12" o.c. Verticals #4 @ 16" o.c. Horizontals #4 within top and bottom of wall
8" x 12' WALL	#5 @ 12" o.c. Verticals #5 @ 16" o.c. Horizontals #5 within top and bottom of wall

NO	DATE	ISSUE

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HENDERSHOT RESIDENCE

1350 INDUSTRIAL PARKWAY
HEBER CITY, UTAH

DRAWING TITLE:

FOOTING & FOUNDATION PLAN

PROJECT #:
DRAWN BY:
CHECKED BY: SP
SCALE: 1/4" = 1'-0"

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07/18/2023

DRAWING NO:

S1

BEAM SCHEDULE

Loc	Beam Name	Beam Type	Trimmer	Remarks	Hanger
B-1	SIDE HDR	(2) 2 x 8 DF-L #2	1		Built in Beam Pocket
B-2	REAR HDR	(2) 2 x 8 DF-L #2	1		Built in Beam Pocket
B-3	GARAGE DOOR HDR	(2) 1.75 x 9.5 LVL	1		Built in Beam Pocket
B-4	FRONT PORCH BEAM	(3) 2 x 10 DF-L #2	1		Built in Beam Pocket
B-5	BASEMENT HDR	(2) 2 x 10 DF-L #2	1		Built in Beam Pocket

FLOOR JOISTS SCHEDULE

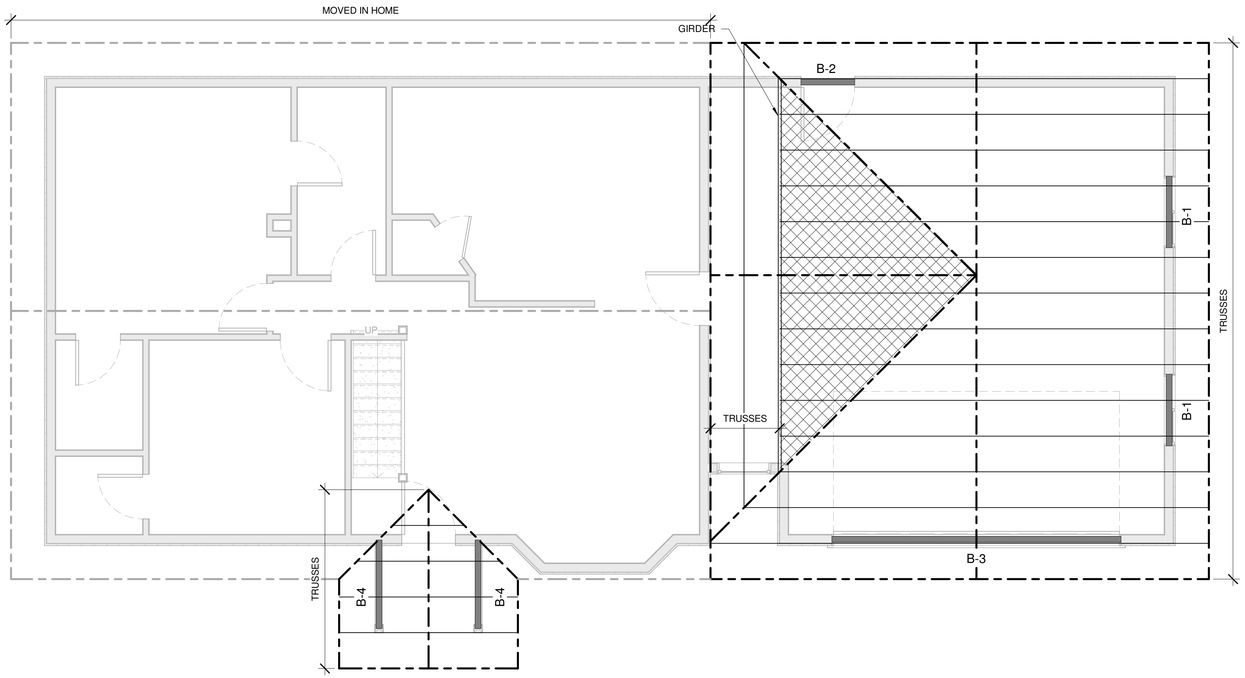
Loc	Joist Name	Joist	Hanger
FJ-1			

ROOF RAFTER SCHEDULE

Loc	Rafter Name	Rafter	Hanger
RR-1			

COLUMN SCHEDULE

Loc	Column Name	Column Type	Remarks	Base / Cap
C-1	(1) 4in x 4in DF-L #2	(1) 4in x 4in DF-L #2	Built-up Column	None



1 FRAMING PLAN - ROOF
SCALE: 1/4" = 1'-0"

NO	DATE	ISSUE

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1350 INDUSTRIAL PARKWAY
HEBER CITY, UTAH

DRAWING TITLE:

FRAMING PLAN - ROOF

PROJECT #:
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SCALE: 1/4" = 1'-0"

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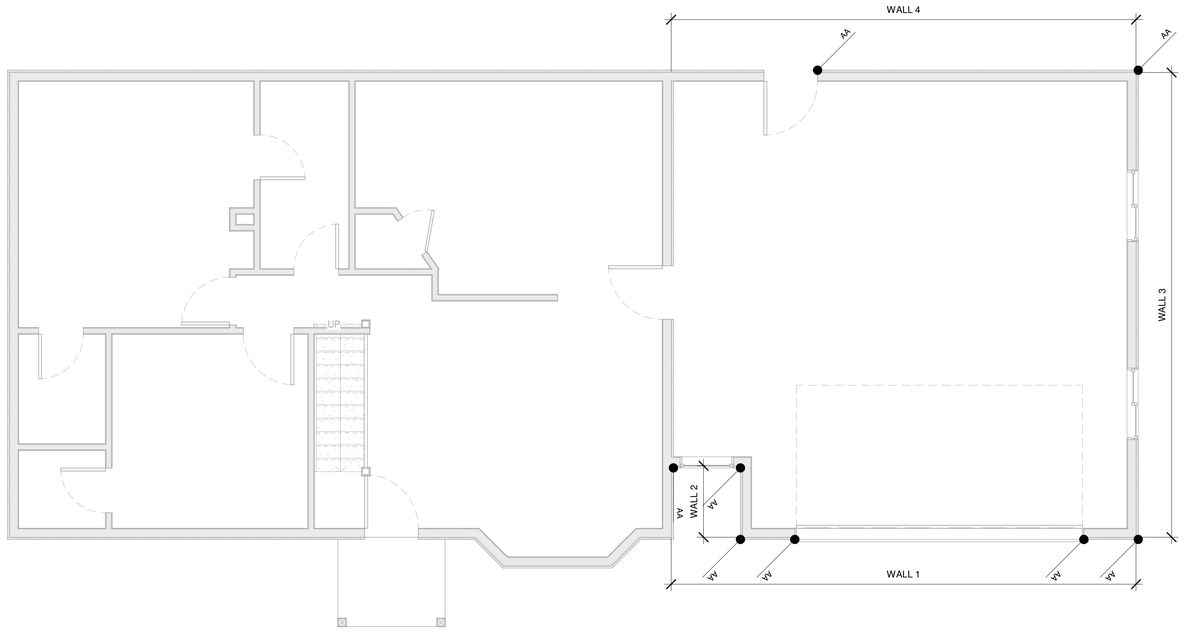

1 SHEAR PLAN - MAIN LEVEL

SCALE: 1/4" = 1'-0"

ANCHOR BOLT SCHEDULE

LOC	ANCHOR BOLT	SPACING	SILL PLATE
AB-1	5/8"ø x 12" ANCHOR BOLT	48" O.C.	2 x 6
AB-2	5/8"ø x 12" ANCHOR BOLT	32" O.C.	2 x 6
AB-3	5/8"ø x 12" ANCHOR BOLT	24" O.C.	2 x 6
AB-4	5/8"ø x 12" ANCHOR BOLT	16" O.C.	2 x 6
AB-5	5/8"ø x 12" ANCHOR BOLT	12" O.C.	2 x 6
AB-6	5/8"ø x 12" ANCHOR BOLT	12" O.C.	3 x 6

NOTES:

1. Minimum Anchor Bolt spacing should be AB-1 unless otherwise specified
2. All Anchor bolts should be embedded a minimum of 7" and should be placed between two rebar.
3. All washers should be a plate washer Simpson BP 5/8-3 (3"x3"x $\frac{1}{4}$" min).

SHEAR WALL TYPE SCHEDULE

LOC	SHEATHING	BOTH SIDES	EDGE STUD	NAILING		
				SIZE	EDGE	FIELD
SW-1	7/16" OSB	NO	2X	8d	6"	12"
SW-2	7/16" OSB	NO	2X	8d	4"	12"
SW-3	7/16" OSB	NO	2X	8d	3"	12"
SW-4	7/16" OSB	NO	2x FLAT OR 4x	8d	2"	12"
SW-5	7/16" OSB	YES	2x FLAT OR 4x	8d	4"	12"
-or-	19/32" OSB	NO	2x FLAT OR 4x	10d	4"	12"

NOTES:

1. All studs for shear shall be 16" O.C. unless otherwise noted.
2. All sheathing should be completely blocked.
3. 16d common nail transfer through sill, or toe nail through joist or blocking.
4. All framing members receiving edge nailing from abbutted panels shall not be less than Edge Stud Specified for the specified Shear Wall.
5. All Exterior Walls are SW-2 unless otherwise noted.

SHEAR WALL LOCATION SCHEDULE

Loc	Description	Shear Wall	Floor Tie	Hold Down	Anchor Bolts
Wall 1	FRONT WALL	SW-2	none	STHD14	AB-2
Wall 2	JOG WALL	SW-2	none	STHD14	AB-2
Wall 3	SIDE WALL	SW-1	none	none	AB-1
Wall 4	REAR WALL	SW-1	none	STHD14	AB-1

HOLD DOWN SCHEDULE

LOC	DESCRIPTION	NOTES
AA	STHD 14/14RJ	INTO (2) STUDS MIN.
BB	HDU5	INTO (2) STUDS MIN.
CC	HDQ8	SOLID 6X6
DD	MST37	INTO (2) STUDS MIN.
EE	MST48	INTO (2) STUDS MIN.
FF	MST60	INTO (2) STUDS MIN.

NO	DATE	ISSUE

ALL FEDERAL, STATE, AND LOCAL CODES, ORDINANCES, REGULATIONS, ETC., SHALL BE CONSIDERED AS PART OF THE SPECIFICATIONS FOR THIS BUILDING AND SHALL TAKE PRESIDENCE OVER ANYTHING SHOWN, DESCRIBED, OR IMPLIED WHERE SAME ARE AT VARIANCE.

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DRAWINGS FOR:

HENDERSHOT RESIDENCE

1350 INDUSTRIAL PARKWAY
HEBER CITY, UTAH

DRAWING TITLE:

SHEAR WALL PLAN
- MAIN LEVEL

PROJECT #:
DRAWN BY:
CHECKED BY: SP
SCALE: 1/4" = 1'-0"

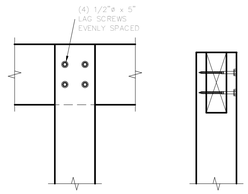
NOTE: IF THIS DRAWING IS NOT 36" x 24", IT HAS BEEN REVISED FROM ITS ORIGINAL SIZE. SCALE IS NO LONGER APPLICABLE.

SEAL:

07/18/2023

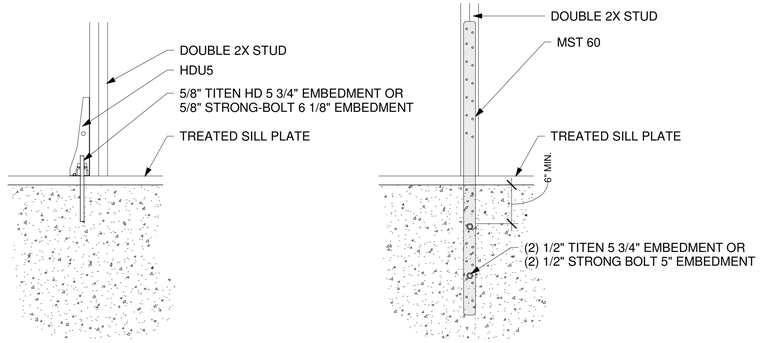
DRAWING NO:

S3

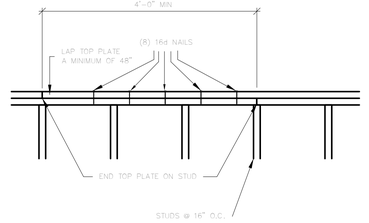


BEAM TO COLUMN
CONNECTIONS

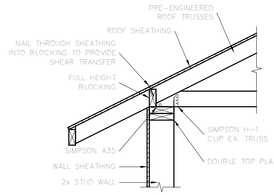
1 S4 BEAM TO COLUMN1



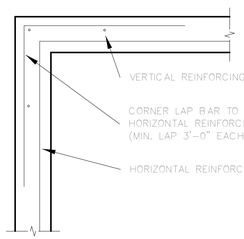
15 S4 SIMPSON RETROFIT HD DETAIL



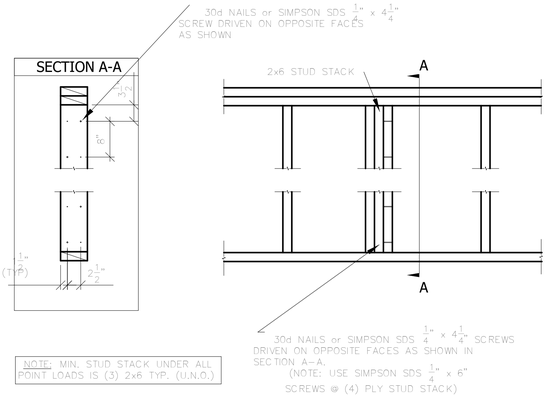
4 S4 TOP PLATE SPLICE DETAIL



5 S4 TRUSS TO WALL DETAIL

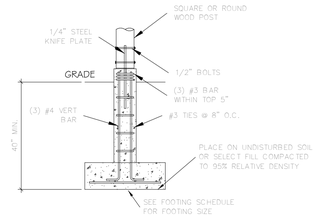


6 S4 FOUNDATION WALL CORNER

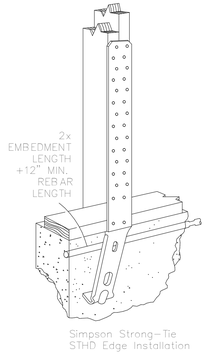


NOTE: MIN. STUD STACK UNDER ALL
POINT LOADS IS (3) 2x6 TYP. (U.N.O.)

7 S4 BUILT-UP COLUMN DETAIL



8 S4 TYPICAL SONOTUBE DETAIL



Simpson Strong-Tie
STHD Edge Installation

10 S4 STRONG-TIE STHD14

NO	DATE	ISSUE

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ENGINEER:

Park Engineering

90 West 200 South
Suite #1
Heber City, Utah 84032
Tel. 435.654.1456
www.parkeng.net

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DRAWINGS FOR:

HENDERSHOT RESIDENCE

1350 INDUSTRIAL PARKWAY
HEBER CITY, UTAH

DRAWING TITLE:

DETAILS

PROJECT #:
DRAWN BY:
CHECKED BY: SP
SCALE: As indicated

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SEAL:

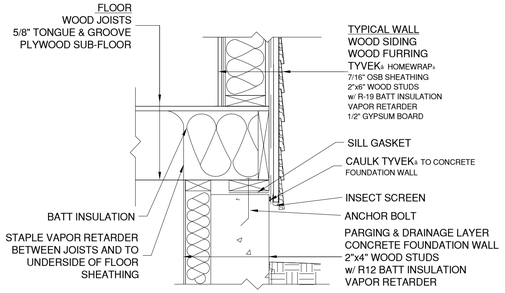
07/18/2023

DRAWING NO:

S4

GENERAL NOTES

*SEAL ALL TYVEK® JOINTS AND PENETRATIONS WITH APPROVED TAPE.
(ex. DUPONT CONTRACTOR TAPE).
*FASTEN TYVEK® TO SHEATHING WITH LARGE HEAD NAILS
OR USE NAILS WITH LARGE PLASTIC WASHER HEADS.(ex. DUPONT WRAPCAPS)
*LOCAL LAWS, ZONING, AND BUILDING CODES VARY AND
THEREFORE GOVERNS OVER MATERIAL SELECTION AND DETAILING SHOWN BELOW.



BASE OF WALL DETAIL

RESIDENTIAL WOOD FRAME STRUCTURE w/ WOOD SIDING (HEATING CLIMATE)

GENERAL NOTES

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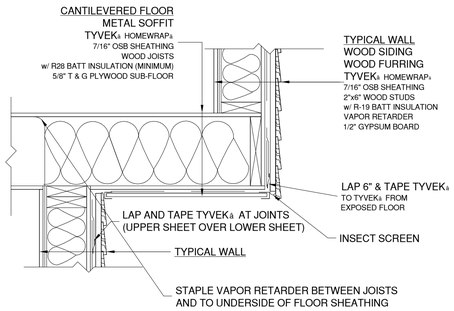

CANTILEVERED FLOOR DETAIL

RESIDENTIAL WOOD FRAME STRUCTURE w/ WOOD SIDING (HEATING CLIMATE)

GENERAL NOTES

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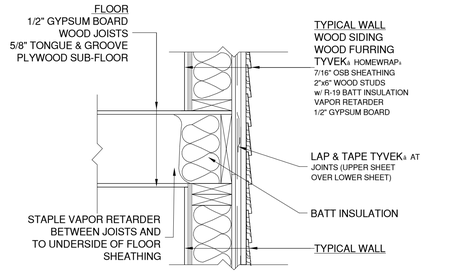

FLOOR/ WALL INTERFACE DETAIL

RESIDENTIAL WOOD FRAME STRUCTURE w/ WOOD SIDING (HEATING CLIMATE)

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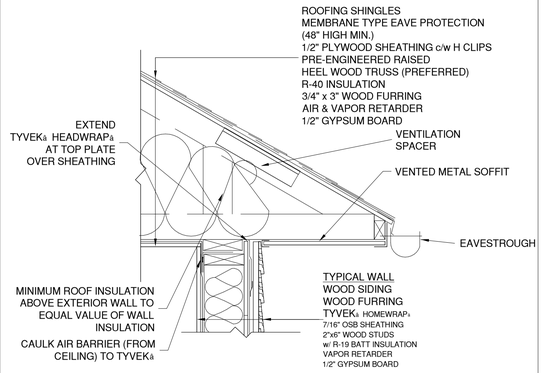
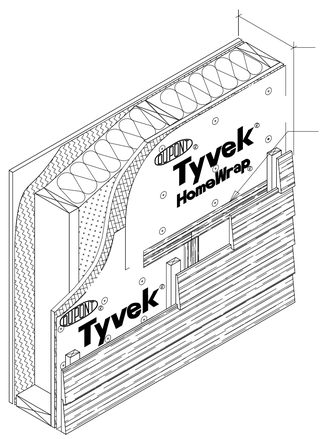


ROOF/ WALL INTERFACE DETAIL

RESIDENTIAL WOOD FRAME STRUCTURE w/ WOOD SIDING (HEATING CLIMATE)



TYPICAL WALL ISOMETRIC

RESIDENTIAL WOOD FRAME STRUCTURE w/ WOOD SIDING (HEATING CLIMATE)

GENERAL NOTES

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WALL PENETRATION DETAIL

RESIDENTIAL WOOD FRAME STRUCTURE w/ WOOD SIDING (HEATING CLIMATE)

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WINDOW HEAD DETAIL

RESIDENTIAL WOOD FRAME STRUCTURE w/ WOOD SIDING (HEATING CLIMATE)

GENERAL NOTES

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WINDOW SILL DETAIL

RESIDENTIAL WOOD FRAME STRUCTURE w/ WOOD SIDING (HEATING CLIMATE)

NO	DATE	ISSUE

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SEAL:

07/18/2023

DRAWING NO:

S5