

6/17/23, 3:31 PM

State of Wyoming Mail - Fwd: Quality Landscape &amp; Nursery Grading Project



Brian Goodnough &lt;brian.goodnough@wyo.gov&gt;

---

**Fwd: Quality Landscape & Nursery Grading Project**

4 messages

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**Randy Stevens** <randyqln@union-tel.com>  
To: Brian Goodnough <brian.goodnough@wyo.gov>

Fri, Aug 26, 2022 at 2:41 PM

Sent from my iPhone

Begin forwarded message:

**From:** Randy Stevens <randyqln@union-tel.com>  
**Date:** August 25, 2022 at 10:48:10 AM MDT  
**To:** [tamara.stone@eaengineers.com](mailto:tamara.stone@eaengineers.com)  
**Subject:** Fwd: Quality Landscape & Nursery Grading Project

Sent from my iPhone

Begin forwarded message:

**From:** Creed James <creedjames44@gmail.com>  
**Date:** August 25, 2022 at 10:24:33 AM MDT  
**To:** Randy Stevens <randyqln@union-tel.com>  
**Subject:** Fwd: Quality Landscape & Nursery Grading Project

----- Forwarded message -----

**From:** Logan Stowe <LStowe@to-engineers.com>  
**Date:** Wed, Aug 24, 2022 at 4:59 PM  
**Subject:** RE: Quality Landscape & Nursery Grading Project  
**To:** Creed James <creedjames44@gmail.com>  
**CC:** Joshua Morris <jmorris@to-engineers.com>

Hey Creed,

As promised, I have attached the stamped plans for this project. They have been updated to reflect an encroachment onto the CD's property of no more than 37'. Our cost estimate will follow by end of day on Friday. Let me know if you have any questions.

Thank you,

Logan

---

**From:** Creed James <creedjames44@gmail.com>  
**Sent:** Tuesday, July 26, 2022 2:47 PM  
**To:** Logan Stowe <LStowe@to-engineers.com>  
**Cc:** Joshua Morris <jmorris@to-engineers.com>  
**Subject:** Re: Quality Landscape & Nursery Grading Project

Logan,

Before you design the 30' will you wait to hear back from me. I am going to talk to the conservation district and see if that 30' number is a hard number or if they will work with us on the 37'.

Thanks,

Creed

On Tue, Jul 26, 2022 at 11:35 AM Logan Stowe <LStowe@to-engineers.com> wrote:

Creed,

Josh did fill me in on your conversation. We are able to reduce the affected width of the conservation district's property to 30' by modifying the alleyway and placing retaining walls on the south side of the alley.

The four-foot retaining wall height that you discussed gets us to an affected width of 37', but to get it down to 30', we weighed the costs of lowering the conservation district's site by around two feet vs providing an additional two feet of height to the walls (6 – 6.5' total height above grade). Based on our numbers, the addition to wall height will be around \$30k cheaper than re-grading the conservation district's property. This also avoids the loss of the trees and shrubs on the property. For these reasons, we felt increasing the wall height was the best option.

Josh spoke with our structural engineer, and he would advise that Redi-Rock completes the design of the wall regardless of wall height. To the best of our knowledge, there is no regulation that designates when a wall should or shouldn't be engineered based on height.

I have attached the budgetary cost estimates and an exhibit of the area that would need to be graded. Let me know if you have any questions on the specifics. In the meantime, we will incorporate the walls into the plans.

Thank you,

**LOGAN STOWE** | *Staff Engineer*

[205 Storey Blvd | Suite 120 | Cheyenne, Wyoming 82009](#)

[O 307-223-2912](tel:307-223-2912) | [C 307-203-4748](tel:307-203-4748)

[www.to-engineers.com](http://www.to-engineers.com)

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**Cc:** Joshua Morris <[jmorris@to-engineers.com](mailto:jmorris@to-engineers.com)>  
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On Fri, Jul 22, 2022 at 1:09 PM Logan Stowe <[LStowe@to-engineers.com](mailto:LStowe@to-engineers.com)> wrote:

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Have a good weekend,

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I have also attached the revised grading plans. We anticipate minor changes from WYDOT, but I can't imagine that it will fundamentally change the plans.

Let me know if you have any questions.

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**Cc:** Joshua Morris <[jmorris@to-engineers.com](mailto:jmorris@to-engineers.com)>  
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Thanks,

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**From:** Creed James <creedjames44@gmail.com>  
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Please let us know what questions and comments you have for us!

Have a great Monday,



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[Message clipped] [View entire message](#)

9 attachments



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 T-O ENGINEERS image002.png  
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 image004.png  
1K

 image005.png  
2K

 The Choice By Design image006.png  
12K  
Idaho | Wyoming | Utah | Washington



**Brian Goodnough** <brian.goodnough@wyo.gov> Fri, Aug 26, 2022 at 3:12 PM  
To: Kyle Wendtland <kyle.wendtland@wyo.gov>, Robin Jones <robin.jones@wyo.gov>, David Dewald <david.dewald@wyo.gov>

Kyle, Robin, and David:

I received this email with the attachments.

Thanks,

Brian

[Quoted text hidden]

[LOGAN STOWE](#) | *Staff Engineer*

[205 Storey Blvd | Suite 120 | Cheyenne, Wyoming 82009](#)

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--  
 Brian Goodnough  
 Surface Water Hydrologist, District 1  
 Wyoming DEQ, Land Quality Division  
 200 W. 17th St. Suite 10  
 Cheyenne, WY 82002

6/17/23, 3:31 PM

State of Wyoming Mail - Fwd: Quality Landscape & Nursery Grading Project

briangoodnough@wyo.gov  
307.777.5922

9 attachments



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image008.png  
1K



220235-M22163 - Quality Landscape and Nursery Project\_8-24-2022.pdf  
5145K

Brian Goodnough <brian.goodnough@wyo.gov>  
To: Kyle Wendtland <kyle.wendtland@wyo.gov>, Robin Jones <robin.jones@wyo.gov>

Wed, Nov 9, 2022 at 1:14 PM

The email was sent on August 26, 2022.

Brian

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Date: Fri, Aug 26, 2022 at 2:55 PM

[Quoted text hidden]

[Quoted text hidden]

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9 attachments



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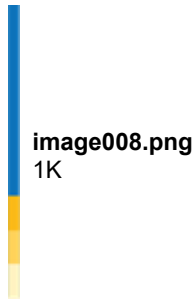
image005.png  
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image006.png  
12K



image007.png  
1K



Brian Goodnough <brian.goodnough@wyo.gov> Mon, Jan 30, 2023 at 2:23 PM  
To: Kyle Wendtland <kyle.wendtland@wyo.gov>, David Dewald <david.dewald@wyo.gov>

Kyle:

I am forwarding you the email from Randy Stevens. The engineering diagrams for the LMO are attached.

Thanks,

Brian

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Date: Fri, Aug 26, 2022 at 2:55 PM  
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LOGAN STOWE | *Staff Engineer*

205 Storey Blvd | Suite 120 | Cheyenne, Wyoming 82009

O 307-223-2912 | C 307-203-4748

[www.to-engineers.com](http://www.to-engineers.com)

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**From:** Creed James <[creedjames44@gmail.com](mailto:creedjames44@gmail.com)>  
**Sent:** Wednesday, June 29, 2022 3:42 PM  
**To:** Logan Stowe <[LStowe@to-engineers.com](mailto:LStowe@to-engineers.com)>  
**Cc:** Joshua Morris <[jmorris@to-engineers.com](mailto:jmorris@to-engineers.com)>  
**Subject:** Re: Quality Landscape & Nursery Grading Project

Logan,

To me it would make sense to have you guys involved with the permitting and getting their approval. Please send a work order over with the cost and I will bring it up to the council at the next meeting. Also Randy's approach is asphalt.

Thanks,

Creed

On Mon, Jun 27, 2022 at 4:19 PM Logan Stowe <[LStowe@to-engineers.com](mailto:LStowe@to-engineers.com)> wrote:

Creed,

I heard back from WYDOT regarding the Stevens' property and was told the following would be needed for grading in the WYDOT ROW:

1. A completed WYDOT landscaping permit.
2. WYDOT plan review.

Our original scope did not include any permitting, but if it's something you'd like us to handle then let us know and we can put together a price for you. We'd be happy to send the plans to WYDOT and see what comments they may have as well. Let us know how you'd like to proceed.

Also, I don't recall if Randy's approach to the west is paved with asphalt or gravel – can you confirm this for me?

Thank you,

[LOGAN STOWE](#) | *Staff Engineer*

205 Storey Blvd | Suite 120 | Cheyenne, Wyoming 82009

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---

**From:** Creed James <[creedjames44@gmail.com](mailto:creedjames44@gmail.com)>  
**Sent:** Sunday, June 26, 2022 7:14 PM  
**To:** Logan Stowe <[LStowe@to-engineers.com](mailto:LStowe@to-engineers.com)>  
**Subject:** Re: Quality Landscape & Nursery Grading Project

Logan,

Will you be available tomorrow to talk about the proposal. I spoke to Jon and he likes it and thinks it is good. Randy doesn't like us filling the grade on his property. Not sure if there is a workable solution somewhere in the middle or not. I spoke to Randy tonight and he thought if we got on a conference call maybe we can work something out. Let me know when you get a chance.

Thanks,

Creed

On Mon, Jun 20, 2022 at 10:49 AM Logan Stowe <[LStowe@to-engineers.com](mailto:LStowe@to-engineers.com)> wrote:

Creed,

Attached is the 65% plan set and engineer's estimate for the grading project.

I did have some questions and comments as well:

1. Is there a desire for a future approach onto the Stevens' property off of River St.? If so, where?

2. Are there any drainage or water quality requirements for runoff into the ditch from the Stevens' property? We currently show all runoff from this property entering the ditch. If there are any issues with this, we can show a retention pond at the low point or construct a berm, but both have their own drawbacks (namely loss of usable area on the Stevens' property).
3. Who owns the irrigation ditch, and would they allow grading next to it (north of the Stevens' property line)?
4. There is about 4' of elevation difference between the current and proposed ground elevation at the hot water well location. I do not have an understanding of what this particular well looks like or how it functions, but my initial thought is to cap it off for grading and then adjust the elevation of the riser after grading. Thoughts on this?
5. We currently show the alleyway terminating at a dead-end on the west side, but we have added a sketch in the profile of what a connection to 1<sup>st</sup> Street would look like. Which is the preferred option?
6. This plan assumes the town will allow for grading in the River St. ROW.
7. We show grading west of the property line in what we assume to be WYDOT ROW. You will have to coordinate with WYDOT if this is acceptable. Alternatively, we can shift our west grading boundary eastward.

Please let us know what questions and comments you have for us!

Have a great Monday,

**LOGAN STOWE** | *Staff Engineer*

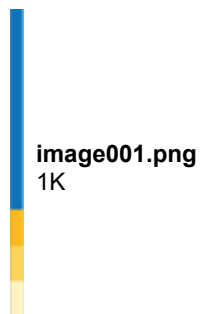
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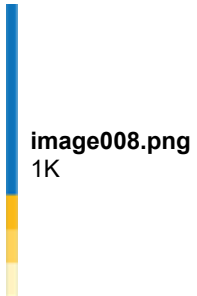
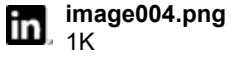
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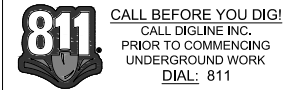
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**9 attachments**





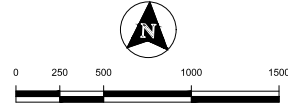




**NOTE:**  
THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN APPROXIMATELY ONLY PRIOR TO CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INFORM ALL UTILITY COMPANIES OF THE CONSTRUCTION SCHEDULE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL DAMAGE WHICH MAY OCCUR BY FAILURE TO EXACTLY LOCATE AND PROTECT ALL UTILITIES.

# TOWN OF SARATOGA QUALITY LANDSCAPE & NURSERY GRADING PROJECT

TOWNSHIP 17 NORTH, RANGE 84 WEST  
CARBON COUNTY, WYOMING  
2022



### LEGEND

- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING EDGE OF PAVEMENT
- EXISTING WIRE FENCE
- EXISTING EDGE OF GRAVEL
- EXISTING SANITARY SEWER
- EXISTING OVERHEAD POWER
- EXISTING SANITARY SEWER MANHOLE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER VALVE
- EXISTING WATER WELL
- EXISTING ELECTRIC JUNCTION BOX
- EXISTING LIGHT POLE
- EXISTING TELE RISER
- EXISTING SIGN
- EXISTING SHRUB
- EXISTING PINE TREE
- EXISTING PAVEMENT
- EXISTING BUILDING
- EXISTING CONCRETE
- EXISTING GRAVEL



SHEET INDEX	
SHEET #	SHEET TITLE
C1.0	COVER
C2.0	DEMOLITION SHEET
C3.0	GRADING PLAN
C4.0	ALLEYWAY PLAN AND PROFILE

UTILITY REPRESENTATIVES		
UTILITY	AGENCY	PHONE
GAS	BLACK HILLS ENERGY	888-890-5554
ELECTRICITY	CARBON POWER & LIGHT	800-359-0249
TELEPHONE	UNION WIRELESS	970-756-5151
SEWER	SARATOGA PUBLIC WORKS	307-329-8798
WATER	SARATOGA PUBLIC WORKS	307-329-8798
ROADS	SARATOGA PUBLIC WORKS	307-329-8798
FIRE	SARATOGA VOLUNTEER FIRE DEPT.	307-365-8620



BORDER SIZE	DATE	NO.	REVISIONS	DESCRIPTION
27"x34"				
DESIGNED				
DRAWN				
CHECKED				
APPROVED				

**T-O ENGINEERS**  
CONSULTING ENGINEERS, SURVEYORS & PLANNERS  
206 STOREY BUILDING, SUITE 232  
CHEYENNE, WY 82001  
307-232-2922 | WWW.T-O-ENGINEERS.COM  
BORSE - CODY • CHEYENNE • CROFTON • DALLAS • DENVER  
HELENA • MISSOULA • PALMER • SPOKANE

CONSTRUCTION DRAWINGS FOR:  
**QUALITY LANDSCAPE & NURSERY GRADING PROJECT**  
COVER

ATTENTION:	1/2" = 1'
IF THIS BAR DOES NOT MEASURE 1" ON 22x34 SHEET or 1 1/2" ON 11x17 SHEET, THEN DRAWING IS NOT TO SCALE	
DATE:	August 24, 2022
PROJECT:	220235
SHEET:	<b>C1.0</b>

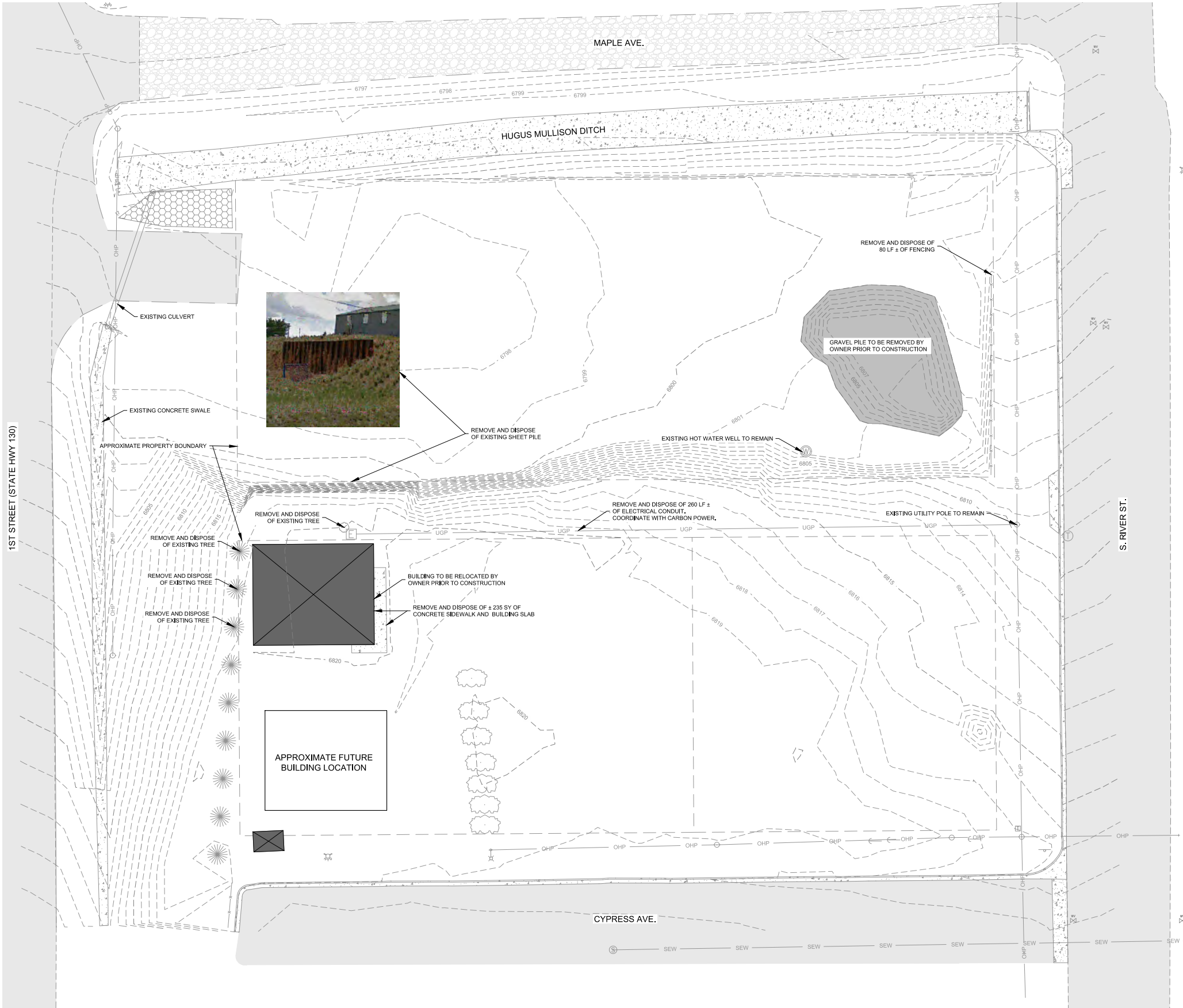
**OWNER**  
TOWN OF SARATOGA  
CONTACT: CREED JAMES  
EMAIL: CREEDJAMES44@GMAIL.COM  
PH: (307)-326-8335

**NOTICE TO CONTRACTORS**  
CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD, WYOMING DEPARTMENT OF TRANSPORTATION, THE TOWN OF SARATOGA, AND THE DESIGN CONSULTANT HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.  
UNAUTHORIZED CHANGES & USES: THE DESIGN CONSULTANT PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.



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**GENERAL NOTES**

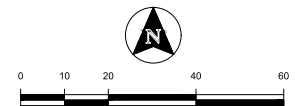
1. THE REMOVAL ITEMS AND LIMITS ON THESE DEMOLITION PLANS ARE APPROXIMATE ONLY. ADDITIONAL REMOVALS MAY BE REQUIRED TO COMPLETE THE WORK. ADDITIONAL REMOVAL WILL ONLY OCCUR AT THE DIRECTION OF THE ENGINEER OR OWNER.
2. ANY STRUCTURE OR HAZARDOUS SUBSTANCE ENCOUNTERED DURING CLEARING ACTIVITIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY FOLLOWING DISCOVERY.
3. ANY CURB AND GUTTER, SIDEWALK, DRIVEWAY, ASPHALT PAVEMENT, SIGNAGE, LANDSCAPING, ETC. WHICH ARE TO REMAIN SHALL BE PROTECTED BY THE CONTRACTOR. IF DAMAGE OCCURS AS A RESULT OF THE CONTRACTOR'S OPERATIONS, THEY SHALL BE REPLACED TO ORIGINAL OR BETTER CONDITION AT THE CONTRACTOR'S EXPENSE.
4. ANY NECESSARY SAWCUTTING REQUIRED FOR REMOVALS SHALL BE FULL-DEPTH TO A NEAT VERTICAL EDGE. SAWCUTTING WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED SUBSIDIARY.
5. ALL EXISTING CONCRETE, ASPHALT, PIPE, AND EXCESS EXCAVATION REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE LAWFULLY DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.
6. CALL FOR UTILITY LOCATES 48 HOURS BEFORE DIGGING IN THE CONSTRUCTION SITE: DIAL 811.
7. THE LOCATION OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE PLANS ARE BASED ON AS-BUILT PLANS AND SURVEY INFORMATION. CONTRACTOR SHALL VERIFY LOCATIONS PRIOR TO CONSTRUCTION OF NEW IMPROVEMENTS.

**LEGEND**

- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING EDGE OF PAVEMENT
- EXISTING WIRE FENCE
- EXISTING EDGE OF GRAVEL
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- EXISTING TELEPHONE MANHOLE
- EXISTING SIGN
- EXISTING SHRUB
- EXISTING PINE TREE
- EXISTING PAVEMENT
- EXISTING BUILDING
- EXISTING CONCRETE
- EXISTING GRAVEL

**BASIS OF BEARING**

WYOMING STATE PLANE COORDINATES,  
EAST CENTRAL ZONE, NAD83-2011,  
US SURVEY FEET, DISTANCES ARE GRID ELEVATIONS.  
ELEVATIONS: NAVD88



NO.	REVISIONS DESCRIPTION	DATE		APPROVED	
		DESIGNED	DATE	DATE	DATE

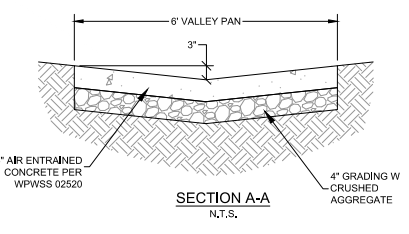
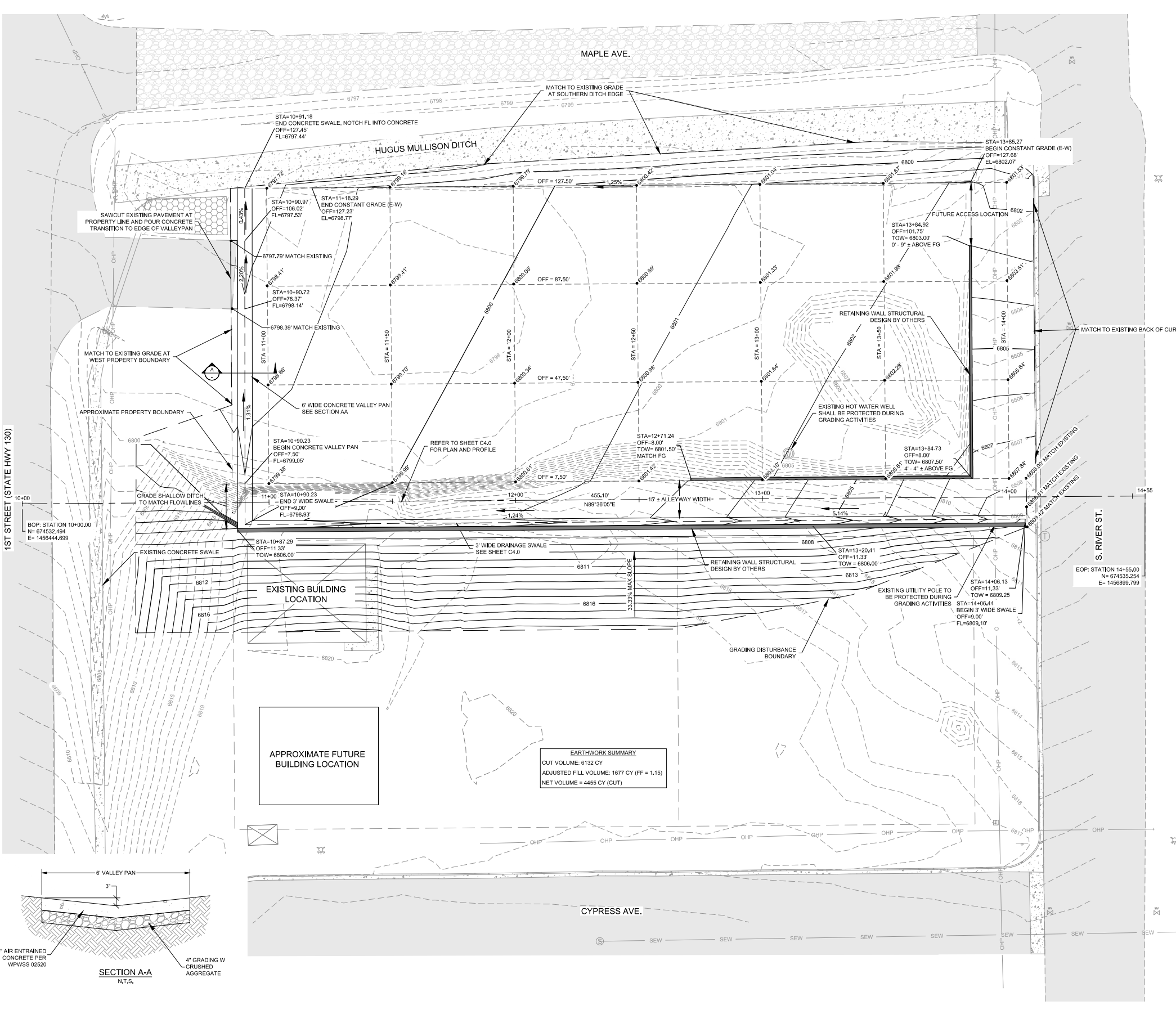
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CATERINE, WY 82001  
307-232-2522 | WWW.T-O-ENGINEERS.COM  
BOBBI L. CROFT - CERTIFIED LICENSED ENGINEER  
HEIDI ETTI - LICENSED SURVEYOR - SP-000000

**CONSTRUCTION DRAWINGS FOR:  
QUALITY LANDSCAPE & NURSERY GRADING PROJECT  
DEMOLITION SHEET**

ATTENTION: 1/2" = 1'  
IF THIS BAR DOES NOT MEASURE 1" ON 22x34 SHEET or 1/2" ON 11x17 SHEET, THEN DRAWING IS NOT TO SCALE

DATE: August 24, 2022  
PROJECT: 220235  
SHEET: **C2.0**

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**EARTHWORK SUMMARY**  
 CUT VOLUME: 6132 CY  
 ADJUSTED FILL VOLUME: 1677 CY (FF = 1.15)  
 NET VOLUME = 4455 CY (CUT)

**GENERAL NOTES**

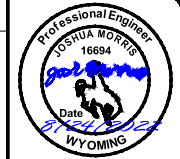
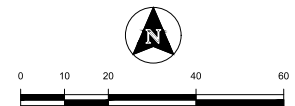
1. ANY UTILITIES OR IMPROVEMENTS THAT ARE DISCOVERED DURING CONSTRUCTION THAT ARE NOT SHOWN ON THE PLANS SHALL BE IMMEDIATELY BROUGHT TO THE ENGINEER'S ATTENTION.
2. THE CONTRACTOR SHALL NOT OPERATE ANY FACILITIES OWNED BY ANY UTILITY.
3. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS AS NOTED PRIOR TO COMMENCEMENT OF ANY WORK ON THE PROJECT.
4. ANY DAMAGE TO ANYTHING OUTSIDE THE CONSTRUCTION LIMITS OR EXTENTS SHALL BE REPAIRED OR REPLACED PER PUBLIC WORKS STANDARDS AND AT NO COST TO THE OWNER.
5. THE CONTRACTOR SHALL CONTROL STORMWATER RUNOFF, DUST AND MUD FROM ALL CONSTRUCTION ACTIVITIES PER STATE AND FEDERAL REQUIREMENTS, INCLUDING ACCESS ROADS THROUGHOUT CONSTRUCTION.
6. THE CONTRACTOR IS RESPONSIBLE FOR CONTINUOUS STORMWATER MANAGEMENT, SEDIMENT, EROSION CONTROL AND FULL REHABILITATION OF ALL DAMAGED IMPROVEMENTS, INCLUDING CULVERTS TO ORIGINAL OR BETTER CONDITION. AFTER A STORM EVENT, ALL STANDING WATER SHALL BE PUMPED OUT TO PROTECT ROADWAY SUBGRADE.
7. GRADE ALL WORK AREAS TO MAINTAIN POSITIVE SURFACE DRAINAGE DURING THE WORK.
8. ALL REMOVED MATERIALS (UNSUITABLE SOIL, EXCESS MATERIAL, ROCK MATERIAL, STRUCTURES, PIPE, ETC.) SHALL BE PROPERLY DISPOSED OF, OFFSITE. AT THE CONTRACTOR'S EXPENSE UNLESS DESIGNATED OTHERWISE ON THESE PLANS OR BY THE OWNER.
9. EMBANKMENTS CONSTRUCTED FOR THE PURPOSE OF STORMWATER CONTROL SHALL BE PLACED IN 8" MAXIMUM LIFTS.
10. THERE SHALL BE NO EARTH DISTURBING ACTIVITIES OUTSIDE THE LIMITS DESIGNATED ON THESE PLANS.
11. TOPSOIL SHALL BE REMOVED AND STOCKPILED PRIOR TO OVERLOT GRADING ACTIVITIES.
12. A WATER TRUCK SHALL BE AVAILABLE AT ALL TIMES DURING EARTHWORK ACTIVITIES FOR DUST ABATEMENT.
13. ALL GRAVEL PILES AND REFUSE SHALL BE REMOVED BY THE OWNER PRIOR TO GRADING ACTIVITIES.
14. DOWNGRADES IN THIS EMBANKMENT AREA SHALL NOT EXCEED 3H:1V.
15. SPOT ELEVATIONS ALONG FLOWLINES ARE GIVEN AT EACH GRADE BREAK.
16. IF GRADING CONFLICTS OCCUR, CONTRACTOR IS TO NOTIFY THE ENGINEER AND CLIENT OF ISSUES. FINISHED GRADES CAN BE ADJUSTED WITH REVIEW AND WRITTEN APPROVAL FROM THE ENGINEER.
17. ALL ELEVATIONS SHOWN ARE TO FINISHED GRADE.
18. TOPSOIL THICKNESS IS ASSUMED TO BE 4". TOPSOIL SHALL BE STRIPPED FROM CONSTRUCTION AREAS AND STOCKPILED.
19. REFERENCE WYOMING PUBLIC WORKS STANDARD SPECIFICATIONS FOR CONSTRUCTION ACTIVITIES.
20. WASTE MATERIAL SHALL BE TRANSPORTED TO THE ADJACENT CITY-OWNED LOT ON THE OPPOSITE SIDE OF S. RIVER STREET AND STOCKPILED.
21. THE FOLLOWING ACRONYMS ARE USED IN THIS PLAN:  
 21.1. TOW = TOP OF WALL ELEVATION  
 21.2. FG = FINISHED GRADE ELEVATION  
 21.3. FL = FLOWLINE ELEVATION

**LEGEND**

- EXISTING MAJOR CONTOUR
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- EXISTING GRAVEL

**BASIS OF BEARING**

WYOMING STATE PLANE COORDINATES,  
 EAST CENTRAL ZONE, NAD83-2011,  
 US SURVEY FEET, DISTANCES ARE GRID ELEVATIONS.  
 ELEVATIONS: NAVD88



NO.	REVISIONS DESCRIPTION	DATE	DESIGNED	LS	DRAWN	TT	CHECKED	LS	APPROVED	JAN

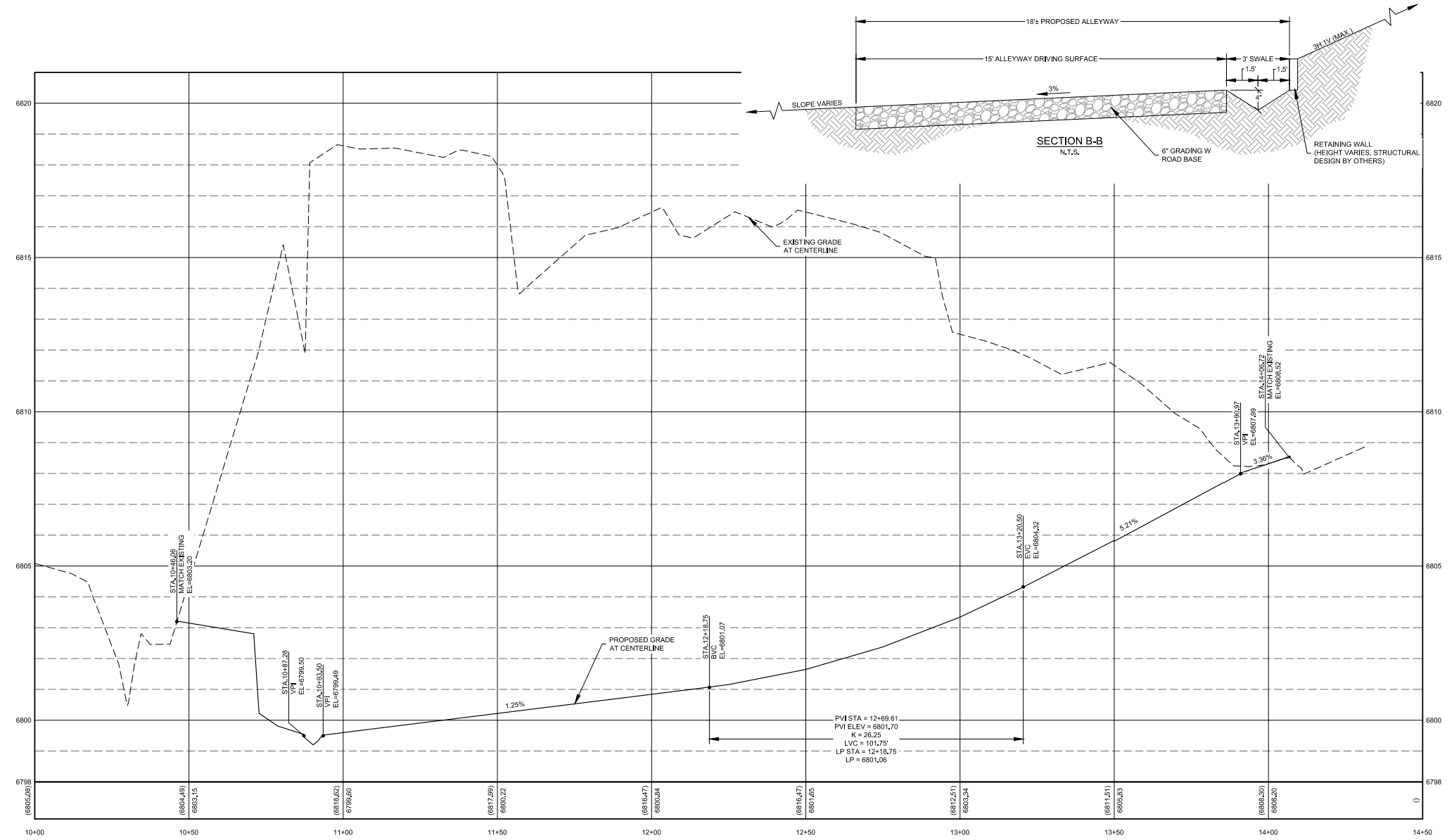
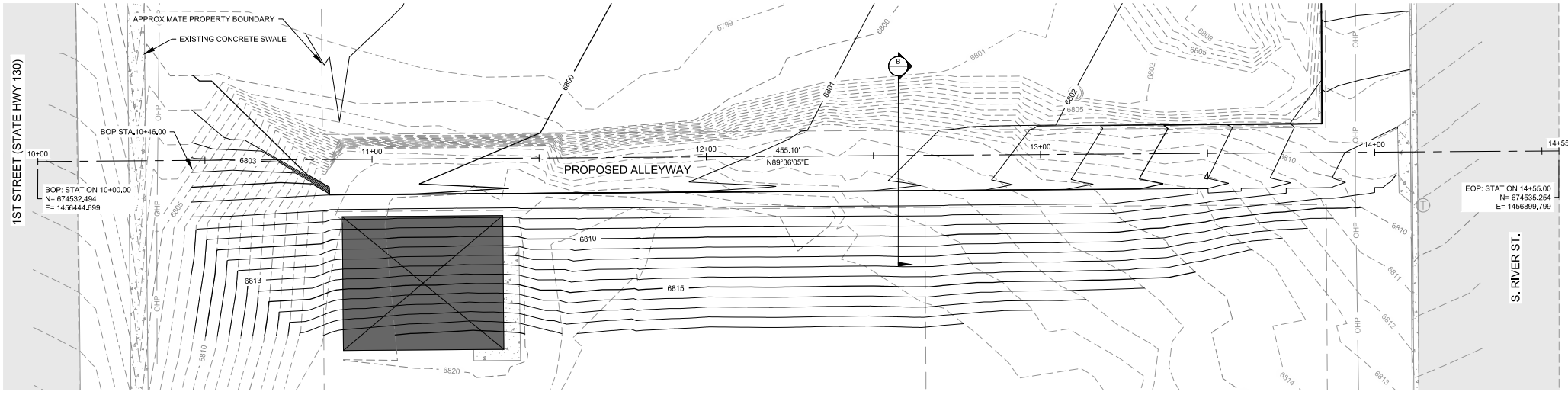
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 CONSULTING ENGINEERS, SURVEYORS & PLANNERS  
 200 STOREY BUILDING, SUITE 230  
 CHELSEA, WY 82801  
 307-232-2922 | WWW.T-O-ENGINEERS.COM  
 JOSHUA MORRIS - LICENSED PROFESSIONAL ENGINEER  
 WESLEY EDWARDS - LICENSED SURVEYOR

**CONSTRUCTION DRAWINGS FOR:  
 QUALITY LANDSCAPE & NURSERY GRADING PROJECT  
 GRADING PLAN**

ATTENTION: 1/2" = 1'  
 IF THIS BAR DOES NOT MEASURE 1" ON 22x34 SHEET or 1/2" ON 11x17 SHEET, THEN DRAWING IS NOT TO SCALE

DATE: August 24, 2022  
 PROJECT: 220235  
 SHEET: **C3.0**

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**GENERAL NOTES**

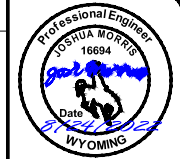
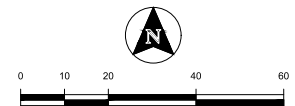
1. STATIONING SHOWN IS ALONG ALLEYWAY CENTERLINE.

**LEGEND**

- EXISTING MAJOR CONTOUR
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- EXISTING BUILDING
- EXISTING CONCRETE
- EXISTING GRAVEL

**BASIS OF BEARING**

WYOMING STATE PLANE COORDINATES.  
EAST CENTRAL ZONE, NAD83-2011.  
US SURVEY FEET, DISTANCES ARE GRID ELEVATIONS.  
ELEVATIONS: NAVD88



NO.	REVISIONS DESCRIPTION	DATE

**T-O ENGINEERS**  
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CATERPILLAR, WY 82001  
307-232-2922 | WWW.T-O-ENGINEERS.COM  
BOISE • CHEYENNE • CODY • DUBUQUE  
HELENA • JACKSON • NAPER • SPOKANE

CONSTRUCTION DRAWINGS FOR:  
**QUALITY LANDSCAPE & NURSERY GRADING PROJECT**  
ALLEYWAY PLAN AND PROFILE

ATTENTION: 1/2" = 1'  
IF THIS BAR DOES NOT MEASURE 1" ON 22x34 SHEET or 1/2" ON 11x17 SHEET, THEN DRAWING IS NOT TO SCALE

DATE: August 24, 2022  
PROJECT: 220235  
SHEET: **C4.0**